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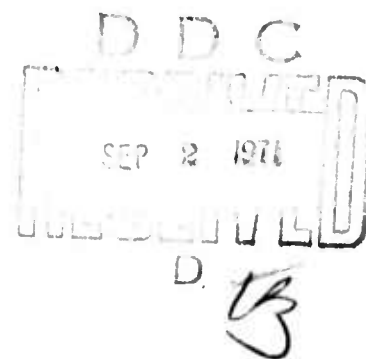
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**BIOLOGICAL EFFECTS of
ELECTROMAGNETIC RADIATION -
A BIBLIOGRAPHY**

July, 1971



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**Behavioral Radiology Laboratory
Division of Neuropsychiatry
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13. ABSTRACT

THIS REPORT DESCRIBES THE DA LITERATURE PROGRAM ON BIOLOGICAL EFFECTS OF ELECTROMAGNETIC RADIATION AND GIVES BIBLIOGRAPHIC INFORMATION ON REFERENCES IDENTIFIED TO DATE. IT IS A PRELIMINARY REPORT CIRCULATED TO ELICIT ADDITIONS TO THE BANK AND TO ACQUAINT POTENTIAL USERS WITH THE CURRENT CONTENTS.

14. KEY WORDS	LINK A		LINK B		LINK C	
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BIOLOGICAL EFFECTS OF ELECTROMAGNETIC RADIATION
A BIBLIOGRAPHY

JULY, 1971

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ABSTRACT

This report describes the DA literature program on the biological effects of electromagnetic radiation and gives bibliographic information on approximately 1160 references identified to date. It is a preliminary report circulated to elicit additions to the data bank and to acquaint potential users with the current contents.

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INTRODUCTION

One important task of the Department of Defense program of research on the biological effects of electromagnetic radiation is the collection and codification of the world literature on the subject. This report is the first general release of the results of this task.

Mead Data Central has had the contractual responsibility for building a computerized data bank of abstracts of the literature which would subsequently be made available to investigators interested in the effects and hazards of nonionizing radiation. This work has been carried on under Air Force Contract F33615-70-C-1789; technical monitorship has been by the Division of Neuropsychiatry, Walter Reed Army Institute of Research*. This report contains bibliographic citations to approximately 1160 publications. Some 500 of them have been abstracted and added to the data bank; updates at the rate of one to two hundred per month are planned to be followed by a current awareness program. Typical abstracts of two articles are included in this report.

This preliminary report is being circulated to those scientists in the United States known to be active or interested in the biological effects and hazards of nonionizing electromagnetic radiation for purposes of ensuring completeness of the final data bank and to determine the level of interest in utilization of this resource, once completed.

It is requested that you review the bibliography and that you complete the survey form in Appendix A. Please return it to the address indicated thereon. Your cooperation will be of great value in completing the design of a user system to maximize the utility of the data bank.

* This work was sponsored by the Advanced Research Projects Agency under ARPA Order 1508.

BIOLOGICAL EFFECTS OF ELECTROMAGNETIC RADIATION

(BEER)

DC 00000098 001

AUTHOR:

Abramson, D. I.

TITLE:

Effects of Short Wave Diathermy.

PUBLICATION:

Amer J Phys Med 39:87-95, 1960.

DC 00000100 001

AUTHOR:

Abrikosov, I. A.

TITLE:

The Action of a Pulsed Electric UHF Field on the Organism.

PUBLICATION:

Thesis Reports Sci Session of the State Sci Res Inst Physiother,
28-29, Moscow, April 1955.

DC 00000099 001

AUTHOR:

Abrikosov, I. A.

TITLE:

The Impulse UHF Field in Experimental and Clinical Practice.

PUBLICATION:

Dissertation, Moscow, 1954.

DC 00000104 001

AUTHOR:

Addington, C. H.; Osborn, C.; Swartz, G.; Fischer, F. P.;
Neubauer, R. A.; Sarkees, Y. T.

TITLE:

Biological Effects of Microwave Energy at 200 mc.

PUBLICATION:

Proc 4th Tri-Service Conf Biol Effects Microwaves Radiation, ed. M.
F. Peyton, Plenum Press, N. Y., 177-186, 1961, AD244867.

DC 00000103 001

AUTHOR:

Addington, C. H.; Osborn, C.; Swartz, G.; Fischer, F.; Sarkees, Y.

TITLE:

Thermal Effects of 200 Megacycles (CW) Irradiation as Related to
Sharp, Location and Orientation in the Field.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating
Equip, compiled by C. Susskind, 10-14, 1959, RADCTR59140, AD234788.

DC 00000102 001

AUTHOR:

Addington, C. H., Osborn, C.; Swartz, G.; Fischer, F.; Sarkees, Y.

TITLE:

Biological Effects of Microwave Energy at 200 Megacycles Upon the
Eyes of Selected Mammals.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating
Equip, compiled by C. Susskind, 1-9, 1959, RADCTR59140, AD234788.

DC 00000101 001

AUTHOR:

Addington, C.; Fischer, F.; Neubauer, R.; Osborn, C.; Sarkees, Y.;
Swartz, G.

TITLE:

Studies on the Biological Effects of 200 Megacycles, Part II,
Ophthalmological Studies.

PUBLICATION:

Proc 2nd Ann Tri-Service Conf Biol Effects Microwave Energy, eds.
G. G. Pattishall and F. W. Banghard, 189-201, 1958, ARDCTR5854,
AD131477.

DC 00000105 001

AUTHOR:

Adler, E. and Magora, A.

TITLE:

Experiments on the Relation Between Shortwave Irradiation and the Pituitary Cortical Adrenal System.

PUBLICATION:

Amer J Phys Med 34:521, 1955.

DC 00000108 001

AUTHOR:

Adrianov, V. M.

TITLE:

Morphological Changes of Testes Caused by the Influence of Ultrasound.

PUBLICATION:

Biological Action of Ultrasound and Superhigh Frequency Electromagnetic Oscillations, ed. A. A. Gorodetskiy, Acad Sci, UkrSSR, Inst Physiol imeni A. A. Bogomolets, Kiev, 1964, JPRS30860.

DC 00000039 001

AUTHOR:

Afanasyev, B. G. and Suvorov, I. M.

TITLE:

The Functional Condition of the Adrenal Cortex in Ship Specialists Who are Subjected to the Action of a Superhigh Frequency Field.

PUBLICATION:

Voennomed Zh (1):73-74, 1968, ACSIJ4395.

DC 00000106 001

AUTHOR:

Akoyunoglou, G.

TITLE:

Effect of a Magnetic Field on Carboxydismutase.

PUBLICATION:

Nature (London) 202(4931):452, 1964.

DC 00001042 001

AUTHOR:

Alekseyenko, N. Yu.

PUBLICATION:

Materials on Evolutionary Physiology, Symposium, Moscow, Leningrad 1: 7, 1956.

DC 00000107 001

AUTHOR:

Anderson, A. D.; Austin, B. S.

TITLE:

Microwave Radiation Research.

PUBLICATION:

Miami Univ, Coral Gables, Fla. AF196041723, 1959, AD232925.

DC 00001043 001

AUTHOR:

Andryasheva, N. M.

PUBLICATION:

Biological Effect UHF, Symposium, Moscow, 373, 1937.

DC 00000109 001

AUTHOR:

Anne, A.

TITLE:

Scattering and Absorption of Microwaves by Dissipative Dielectric Objects.

PUBLICATION:

The Biological Significance and Hazard to Mankind, Thesis, Univ Penn 1963.

DC 00000110 001

AUTHOR:

Anne, A.; Saito, M.; Salati, O. M.; Schwan, H. P.

TITLE:

Relative Microwave Absorption Cross Sections of Biological Significance.

PUBLICATION:

Proc 4th Ann Tri-Service Conf Biol Effects Microwave Radiation, ed. M. F. Peyton, Plenum Press, N. Y., 153-176, 1961, AD240867.

DC 00000111 001

AUTHOR:

Anne, A.; Saito, M.; Salati, O. M.; Schwan, H. P.

TITLE:

Penetration and Thermal Dissipation of Microwaves in Tissues.

PUBLICATION:

RADCTDR 62244.

DC 00000112 001

AUTHOR:

Anne, A.; Salati, O. M.; Schwan, H. P.

TITLE:

Relative Microwave Absorption Cross Section of Mankind.

PUBLICATION:

Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N. Y., July, 1961.

DC 000 046 001

AUTHOR:

ANON.

TITLE:

Radiation Hazard Measurements GE GMEF No. 1 CCNTA, Letter, Report.

PUBLICATION:

RCA Frequency Control and Analysis, 21 May 1959.

DC 00001048 001

AUTHOR:

ANON.

TITLE:

Radiation Hazard Study, S. S. American Mariner.

PUBLICATION:

RCA Range Operations, W00420100, 3 March 1959.

DC 00001049 001

AUTHOR:

ANON.

TITLE:

Important Areas of Electronic Research, A Compilation of Statements Submitted by Leaders in the Field.

PUBLICATION:

Jan 1961, AD253881.

DC 00001047 001

AUTHOR:

ANON.

TITLE:

Radiation Hazard Measurements, PPS-16 Site CCNTA, Letter, Report.

PUBLICATION:

RCA Frequency Control and Analysis, 9 June 1959.

DC 00000120 001

AUTHOR:
Anon.

TITLE:
Radar Hazards.

PUBLICATION:
National Safety News, Data Sheet 481, 1959.

DC 00001045 001

AUTHOR:
ANON.

TITLE:
Radio Frequency Radiation Hazards.

PUBLICATION:
AFPO 31180, 15 April 1958.

DC 00000122 001

AUTHOR:
Anon.

TITLE:
New Biological Effects of RF.

PUBLICATION:
Electronics, 38-39, 1959.

DC 00000123 001

AUTHOR:
Anon.

TITLE:
Radio Frequency Radiation Hazards.

PUBLICATION:
USAF T031180, 2 Jan 1959.

DC 00000124 001

AUTHOR:
Anon.

TITLE:
How Dangerous are Microwaves?

PUBLICATION:
Brit Med J, 1420-1421, 1960.

DC 00000128 001

AUTHOR:
Anon.

TITLE:
Electromagnetic Radiation Hazards.

PUBLICATION:
USAF Tech Manual T0312104, 26 April 1962.

DC 00000129 001

AUTHOR:
Anon.

TITLE:
Soviets Design Clothing to Protect Workers from the Effects of
Electric Fields near Transformers.

PUBLICATION:
Tech Digest (Czech) (9):79, Sept, 1964.

DC 00000130 001

AUTHOR:
Anon.

TITLE:
Threshold Limit Values for Toxic Chemicals and Certain
Electromagnetic Radiation.

PUBLICATION:
US Army, TB MED 265, April 1964.

DC 00001052 001

AUTHOR:
ANON.

TITLE:
Microwave Hazards Bibliography.

PUBLICATION:
1967, AD652788, N6732384.

DC 00000131 001

AUTHOR:
Anon.

TITLE:
Some Biochemical Changes in Working Exposed to Centimeter Waves,
Trans of Soviet Bloc Sci and Tech Lit.

PUBLICATION:
ATDU6495, 1964, AD460106.

DC 00000132 001

AUTHOR:
Anon.

TITLE:
Biological Effects of Microwaves, Compilation of Abstracts.

PUBLICATION:
ATDP6568, 1965, AD62148.

DC 00000133 001

AUTHOR:
Anon.

TITLE:
Control of Hazards to Health from Microwave Radiation.

PUBLICATION:
Army Tech Bull Med 270, and AF Manual 1617, 6 Dec 1965.

DC 00000134 001

AUTHOR:
Anon.

TITLE:
The Biological Effects of Electromagnetic Fields, Annotated Biblio
(1933-1964), Surveys of Soviet Bloc Sci and Tech.

PUBLICATION:
ATDP6517, 1965, AD460705.

DC 00000135 001

AUTHOR:
Anon.

TITLE:
Radiation Hazards.

PUBLICATION:
Calif Pub Health, Berkely, 1-12, 1965.

DC 00001050 001

AUTHOR:
ANON.

TITLE:
The Biological Action of Radiofrequency Electromagnetic Fields and
Magnetic Fields, Summary Report.

PUBLICATION:
1963, N6323563.

DC 00000137 001

AUTHOR:
Anon.

TITLE:
UHF Changes Behavior.

PUBLICATION:
Radiation 90(20):389-412, 1966.

DC 00000138 001

AUTHOR:
Anon.

TITLE:
Safety Level of Electromagnetic Radiation with Respect to
Personnel.

PUBLICATION:
USA Standard C95. 1, approved 9 Nov 1966 by USA Standards
Institute, Co-sponsored by IEEE and US Dept Navy.

DC 00000139 001

AUTHOR:
Anon.

TITLE:
Electromagnetic Radiation Hazards.

PUBLICATION:
USAF, TO:312104, 1 Aug 1966.

DC 00000140 001

AUTHOR:
Anon.

TITLE:
Effects of Radar on the Human Body.

PUBLICATION:
1969, AD278172.

DC 00000115 001

AUTHOR:
Anon.

TITLE:
Council on Physical, Medical and Rehabilitat on, Illegal
Operations of Medical Diathermy Equipment.

PUBLICATION:
JAMA 156:1583, 1954.

DC 00000125 001

AUTHOR:

Anon.

TITLE:

Biological Effects of Radio Frequency Radiation, Bibliography.

PUBLICATION:

Rome Air Development Center, Griffiss AFB and Midwest Research Institute, Kansas City, Missouri, RADCTR60205, 1960 AD244003.

DC 00000126 001

AUTHOR:

Anon.

TITLE:

Control of Potential Hazards to Health from Microwave Energy.

PUBLICATION:

US Army, AR40583, 12 July 1961.

DC 00000127 001

AUTHOR:

Anon.

TITLE:

Microwave Effects on the Human Body, Bibliography.

PUBLICATION:

1962, AD46950.

DC 00000119 001

AUTHOR:

Anon.

TITLE:

Health Hazards Information Microwave Radiation.

PUBLICATION:

USAF, APP160-613, 1-10, 15 May 1958.

DC 00001044 001

AUTHOR:

ANON.

TITLE:

Microwave and X-Radiation Hazards AFMTC Radar.

PUBLICATION:

RCA/HTP, Radar Field Engineering, Systems Engineering Section.

DC 00000114 001

AUTHOR:

Anon.

TITLE:

Radar and Cataracts.

PUBLICATION:

JAMA, 4 Oct 1952.

DC 00000118 001

AUTHOR:

Anon.

TITLE:

Hazards of Microwave Electromagnetic Radiation.

PUBLICATION:

N. Y. Univ School Eng Sci, 1958, AD624221.

DC 00000116 001

AUTHOR:

Anon.

TITLE:

Peaceful Use of Atomic Energy.

PUBLICATION:

Report of the Joint Committee on Atomic Energy 2 Jan 1956.

DC 00000117 001

AUTHOR:

Anon.

TITLE:

Pro Tri-Service Conf Biol Hazards Microwave Radiation.

PUBLICATION:

Geo Wash Univ, Wash D. C., July 15-16, 1957, AF186001180, AD115603.

DC 00000121 001

AUTHOR:

Anon.

TITLE:

Blood Coagulation Changes Due to Electromagnetic Microwave Irradiations.

PUBLICATION:

St Louis Univ, Mo, DA36039SC78122, 1959, AD229267.

DC 00000085 001

AUTHOR:
Anon.

TITLE:
Temporary Instructions on the Method of Measuring the Power Flux density of UHF Energy at the Working Positions.

PUBLICATION:
The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow, Appendix, 1960, JPRS 12471.

DC 00000136 001

AUTHOR:
Anon.

TITLE:
Technical Manual for Radio Frequency Radio Hazards.

PUBLICATION:
Nav Ships 09000058000, 15 July 1966.

DC 00000083 001

AUTHOR:
Anon.

TITLE:
Recommendations for Conducting Preliminary and Periodic Medical Examinations of Workers with UHF Sources.

PUBLICATION:
The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow: 118-120, 1960, JPRS 12471.

DC 00000084 001

AUTHOR:
Anon.

TITLE:
Temporary Sanitary Regulations in Work with Generators of Centimeter Waves.

PUBLICATION:
The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow: 121-124, 1960, JPRS 12471.

DC 00000113 001

AUTHOR:
ANON.

TITLE:
National Electrical Safety Code.

PUBLICATION:
National Bureau of Standards Handbook H-30.

DC 00000141 001

AUTHOR:
Antonov, G. S.

TITLE:
Combined Treatment of Pustulous Skin Disease with UHF Electrical Field and Staphylococcal Antiphagin Electrophoresis.

PUBLICATION:
Vop Kurort Fizioter (6):513-518, 1964, JPRS29384.

DC 00000142 001

AUTHOR:
Aronova, S. B.

TITLE:
Comparative Action of a Pulse and Continuous UHF Field on the Arterial Pressure.

PUBLICATION:
Thesis of Reports Sci Session of the State Sci Res Inst Physiother, 30 Moscow, April 1955.

DC 00000040 001

AUTHOR:
Asanova, T. P. and Rakov, A. M.

TITLE:
The Health of Workers Exposed to 400-500 kv Electric Fields.

PUBLICATION:
Gig Tr Prof Zabol (5):50-52, 1966, ATD Abstract.

DC 00000143 001

AUTHOR:
Atanelishvilli, E. V.

TITLE:
Changes in the Functional State of the CNS in Patients with Resected Stomachs During Various Physiotherapeutical Procedures.

PUBLICATION:

AN GruzSSR Soobshcheniye 37 (2):453-458, 1965.

DC 00000144 001

AUTHOR:

Austin, G. N. and Horvath, S. M.

TITLE:

Production of Convulsions in Rats by High Frequency Electric Currents.

PUBLICATION:

Amer J Phys Med 33:141-149, 1954.

DC 00000145 001

AUTHOR:

Babitskii, E. L.

TITLE:

Ultra High Frequency Therapy of Patients with Peptic Ulcer.

PUBLICATION:

Vrach Delo 1:143, 1966.

DC 00000146 001

AUTHOR:

Bach, S. A.

TITLE:

Biological Sensitivity to Radio Frequency and Microwave Energy.

PUBLICATION:

Fed Proc, Part III, 24(1);S22-S26, 1965.

DC 00000041 001

AUTHOR:

Bach, S. A.

TITLE:

Changes in Micromolecules Produced by Alternating Electrical Fields.

PUBLICATION:

Digest 1961 Internat Conf Med Electr Biol Effects Microwaves I, (Athermal Aspects), ed. P. L. Frommer, N. Y., 152, July 1961.

DC 00000148 001

AUTHOR:

Bach, S. A. and Rosenbaum, J. C.

TITLE:

Radio Frequency Effects on Enzyme Systems.

PUBLICATION:

US Army Med Res Lab Progress Rpt, 31-32, 1965.

DC 00000147 001

AUTHOR:

Bach, S. A.; Baldwin, M.; Lewis, S.

TITLE:

Some Effects of Ultrahigh Frequency Energy on Primate Cerebral Activity.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 82-93, 1959, RADCTR59140, AD234788.

DC 00000149 001

AUTHOR:

Bach, S. A.; Brownell, A. S.; Luzzio, A. J.; Spoetl, E. S.

TITLE:

Radiation and Thermal Burns, Biomedical Effects of Microwave Radiation.

PUBLICATION:

US Army Med Res Lab, Fort Knox, Kentucky, 1960, AD239186.

DC 00000150 001

AUTHOR:

Bach, S. A.; Luzzio, A. J.; Brownell, A. S.

TITLE:

Effects of RF Energy on Human Gamma Globulin.

PUBLICATION:

Pro 4th Ann Tri-Service Conf Biol Effects Microwave Radiation, ed., M. F. Peyton, Plenum Press, N.Y. 1;117-133, 1961.

DC 00000152 001

AUTHOR:

Baldwin, B. R., et al.

TITLE:

Survey of Radio Frequency Radiation Hazards.

PUBLICATION:

Midwest Res Inst Kansas City, Mo, Navy Bureau of Ships Contract NObs7742, Summary Rpt 2, 1961, AD427512.

DC 00000151 001

AUTHOR:

Baldwin, M.; Bach, S.; Lewis, S.

TITLE:

Effects of Radio Frequency Energy on Primate Cerebral Activity.

PUBLICATION:

Neurology (Minneap) 10(2):178-187, 1960.

DC 00000089 001

AUTHOR:

Balutina, A. P.

TITLE:

Eye Injuries from Experimental SHF.

PUBLICATION:

Biull Eksp Biol Med 60(12):41-43, 1965, JPRS35077.

DC 00000153 001

AUTHOR:

Baranski, S.

TITLE:

Histochemical Investigations on the Microwave Effect on the Central Nervous System.

PUBLICATION:

Milit, Inst Aviation Med (5), 1964.

DC 00000156 001

AUTHOR:

Baranski, S. and Edelwejn, Z.

TITLE:

Electroencephalographic and Morphological Studies on the Effect of Microwaves on the Central Nervous System.

PUBLICATION:

Acta Physiol Pol 18:517-532, 1967.

DC 00000091 001

AUTHOR:

Baranski, S. and Edelwejn, Z.

TITLE:

Studies on the Combined Effect of Microwaves and Some Drugs on Bioelectric Activity of the Rabbit Central Nervous System.

PUBLICATION:

Acta Physiol Pol 19(1):37-50, 1968.

DC 00000155 001

AUTHOR:

Baranski, S. and Czerski, P.

TITLE:

Investigation of the Behavior of Corpuscular Blood Constituents in Persons Exposed to Microwaves.

PUBLICATION:
Lekarz Wojskowy (10):903-909, 1966.

DC 00000154 001

AUTHOR:
Baranski, S.; Czekalinski, L.; Czerski, P.; Haduch, S.

TITLE:
Experimental Research on the Fatal Effect of Micrometric Wave Irradiation.

PUBLICATION:
Rev Med Aero (Paris) 2:108-11, 1963.

DC 00000157 001

AUTHOR:
Barber, D. E.

TITLE:
The Reaction of Luminous Bacteria to Microwave Radiation Exposures in the Frequency Range of 2608.7 to 3082.3 Megacycles.

PUBLICATION:
Digest 1961 Internat Conf Med Electr Biol Effects Microwav s, I (Athermal Aspects), ed. P. L. Frommer, N. Y. 157, July, 1961.

DC 00000160 001

AUTHOR:
Baronenko, V. A. and Timofeeva, K. P.

TITLE:
Effects of High Frequency Electromagnetic Fields on the Conditioned Reflex Activity and Certain Unconditioned Functions of Animals and Men.

PUBLICATION:
Fiziol Zh SSSR Sechenov 45(1/2):184-188, 1959.

DC 00000159 001

AUTHOR:
Baronenko, V. A. and Timofeeva, K. P.

TITLE:
The Effect of High and Ultrahigh Frequency Emf on the Organism of Man and Animal.

PUBLICATION:
Zashchita ot deystviya elektron, poley i elektr, toka v prom, Leningrad, 48-59, 1958.

DC 00000162 001

AUTHOR:
Barron, C. I.; Love, A. A.; Baraff, A. A.

TITLE:

Physical Evaluation of Personnel Exposed to Microwave Emanations.

PUBLICATION:

Lockheed Aircraft Corp, Burbank, Calif, 1955, AD63851. Presented 26th Ann Meet Aeromed Ass, Wash, D. C., 21-23 Mar 1955. Aviation Med 26 (6) :442-452, 1955. IRE Trans Med Electr 4:44, 1956.

DC 00000161 001

AUTHOR:

Barron, C. I.; Baraff, A. A.

TITLE:

Medical Considerations of Exposure to Microwaves (Radar).

PUBLICATION:

JAMA, 168:1194-1199, 1958.

DC 00000158 001

AUTHOR:

Bartonicek, V. A. and Klindova Deutchova, E.

TITLE:

Some Biochemical Changes in Workers Exposed to Centimeter Waves.

PUBLICATION:

Casopis Lekarů Ceských 103 (1):26-30, 1964, ATDU6495.

DC 00000037 001

AUTHOR:

Bartonicek, V. and Klinkov-Deutschova, E.

TITLE:

Some Biochemical Changes in Workers Exposed to Centimeter Waves.

PUBLICATION:

Casopis Lekarů Ceských 103 (1):26-30, 1964, ATDU6495.

DC 00000163 001

AUTHOR:

Bauer, J. and Gutman, G.

TITLE:

The Effect of Diathermy on Testicular Function.

PUBLICATION:

Urol Cutan Rev 44:64-66, 1940.

DC 00000164 001

AUTHOR:

Baus, R. and Fleming, J. D.

TITLE:

Biological Effects of Microwave Radiation with Limited Body Heating.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 291-313, 1959, RADCTR59140, AD234788.

DC 00000165 001

AUTHOR:

Bavro, G. V. and Kholodov, Yu. A.

TITLE:

The Nature of Bioelectric Reactions of Cortex Under Exposure to SHF UHF Fields.

PUBLICATION:

Questions of Biological Activity of SHF Electromagnetic Fields, VMOLA, Leningrad, imeni S. M. Korov, 3-4, 1962.

DC 00000166 001

AUTHOR:

Bekauri, N. V.

TITLE:

The Effect of Ultrashort Waves on the Reflex Excitability of Frogs.

PUBLICATION:

Fiziol Zh SSSR Sechenov 30(2), 1941.

DC 00000494 001

AUTHOR:

Bekker, D. B. and Mogendovich, M. R.

TITLE:

The Effect of a Magnetic Field on Osmotic Processes in Nise.

PUBLICATION:

Biological and Therapeutic Effect of a Magnetic Field and Strictly Periodic Vibrations, Perm, 93, 1948.

DC 00000082 001

AUTHOR:

Belitskiy, B. M. and Knorre, K. G.

TITLE:

Protection from Radiation in Work with UHF Generators.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:107-117, 1960, JPRS12471.

DC 00000167 001

AUTHOR:

Belitskiy, B. M. and Knorre, K. G.

TITLE:

Protection from Radiation in Work with UHF Generators.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:107-117, 1960, JPRS12471.

DC 00000169 001

AUTHOR:

Belova, S. P.

TITLE:

Functional State of Visual Analyzer Under the Action of SHF UHF.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Indust Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 140-143, 1964.

DC 00000079 001

AUTHOR:

Belova, S. P.

TITLE:

Variation of the Elastotonometric Curve in Rabbits Under the Influence of UHF.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:86-89, 1960, JPRS12471.

DC 00000068 001

AUTHOR:

Belova, S. P.

TITLE:

Influence of UHF on the Organ of Sight.

PUBLICATION:

The biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:41-42, 1960, JPRS2471.

DC 00000168 001

AUTHOR:

Belova, S. P.

TITLE:

State of the Organ of Sight in Persons Subjected to the Influence of Ultrahigh Frequency Fields.

PUBLICATION:

Thesis of Reports to the Jubilee Scientific Session of the Institute of Labor Hygiene and Occupational Diseases, Dedicated to the 40th Anniversary of the Great October Socialist Revolution, Part 2, Moscow, 66, 1957.

DC 00000170 001

AUTHOR:

Belova, S. P. and Gordon, Z. V.

TITLE:

The Action of Centimeter Waves on the Eyes.

PUBLICATION:

Bull Eksp Biol Med (4):43-46, 1956.

DC 00000171 001

AUTHOR:

Benedict, W. L.; Daily, L.; Herrick, J. F.; Wakim, H. J.

TITLE:

The Effects of Microwave Diathermy and the Eye of a Rabbit.

PUBLICATION:

Amer J Ophthal, Series 3, 34:1301, 1951.

DC 00000173 001

AUTHOR:

Berg, A. I. (ed).

TITLE:

Electronics in Medicine.

PUBLICATION:

Moscow, Leningrad, Energoizdat, pgs. 60, 77, 92, 123, 1960.

DC 00000172 001

AUTHOR:

Berlin, L. B. and Zhupen, V. F.

TITLE:

Histological Changes in Skin Following Homoplasty to Burns of Irradiated Rabbits.

PUBLICATION:

1962, AD400015.

DC 00000174 001

AUTHOR:

Bernal, E. and Keplinger, M.

TITLE:

Effects of Environmental Temperature and Air Volume Exchange on Survival of Rats Exposed to Microwave Radiation of 24,000 Megacycles.

PUBLICATION:
Industr Med Surg 28:535-538, 1959.

DC 00000175 001

AUTHOR:
Lermhteyn, S. A.

TITLE:
Effect of Irradiation by Ultrasonic Waves on the Morphological Composition and on Certain Physiocochemical Properties of the Blood of Animals.

PUBLICATION:
Biological Action of Ultrasound and Superhigh Frequency Electromagnetic Oscillations, ed. A. A. Gorodetskiy, Acad Sci, UkSSR, Inst Physiol Imeni A. A. Bogomolets, Kiev, 1964, JPRS30860.

DC 00000176 001

AUTHOR:
Bickmore, R. W. and Hansen, R. C.

TITLE:
Antenna Power Density in the Fresnel Region.

PUBLICATION:
Proc IRE 47:2119, 1959.

DC 00001053 001

AUTHOR:
Bierman, W.

TITLE:
The Effect of Hyperexia Induced by Radiation Upon the Leukocyte Count.

PUBLICATION:
Amer J Med Sci 187:545, 1964.

DC 00000092 001

AUTHOR:
Bilokrynyts'kyi, V. S.

TITLE:
Changes in the Tigroid Substance of Neurons Under the Effect of Radio Waves.

PUBLICATION:
Fiziol Zh (Kiev) 12(1):70-78, 1966, ATD673, N6727381.

DC 00001054 001

AUTHOR:
Birenbaum, L.; Kaplan, I.; Rosenthal, S. W.; Schmidt, H.; Zaret, M. M.

TITLE:

Effects of Microwave Radiation of the Eye.

PUBLICATION:

Microwave Res Inst Programs, 50-53, Nov, 1967, DAMD49193656142, A6923185.

DC 00000177 001

AUTHOR:

Birenbaum, L.; Grosz, G. M.; Rosenthal, S. W.; Zaret, H. M.

TITLE:

Effect of Microwaves on the Eye.

PUBLICATION:

IEEE Trans Biomed Engin BME-16(1):7-14, 1969.

DC 00000178 001

AUTHOR:

Blacksmith, P. and Mack, R. B.

TITLE:

On Measuring the Radar Cross Sections of Ducks and Chickens.

PUBLICATION:

AF Cambridge Res Labs, Hanscom Field, Mass, 1965, AD625163.

DC 00000179 001

AUTHOR:

Blagovidova, L. A.; Belekova, M. G.; Zagorul'ko, G. M.

TITLE:

Changes in the Electrical Activity of Diencephalon and Cerebral Cortex in Rabbit Exposed to Bitemporal Diathermy.

PUBLICATION:

Biull Eksp Biol Med 53(5):8-13, 1962.

DC 00001055 001

AUTHOR:

Blair, Henry A.

TITLE:

Brief Description of Most of the Research Programs Completed During 1964, Annual Report.

PUBLICATION:

1965, W7401ENG49, W6533020.

DC 00000180 001

AUTHOR:

Blinkova, T. P.; Bogdanov, O. V.; Yakovleva, M. I.

TITLE:

Effect of Superhigh Frequency Electromagnetic Field on the Pulse Rate of Chick Embryos.

PUBLICATION:

Zh Evolyutsionnoy Biokhimii i Fiziol 3(2):178-181, 1967.

DC 00000181 001

AUTHOR:

Blois, S.

TITLE:

Paramagnetic Resonance Methods in Biological Research.

PUBLICATION:

IRE Trans Med Elect 35-37, 1956.

DC 00000182 001

AUTHOR:

Bludova, P. A.; Kurilova, L. M.; Tikhonova, M. A.

TITLE:

The Effect of Shortwave Diathermy on the Function of the Visual Analyzer.

PUBLICATION:

Zh Nevropat Psikhiat Korsakov 53(10), 1953.

DC 00001056 001

AUTHOR:

Blyumenfel'd, L. A.

TITLE:

The Problem of Biomagnetism.

PUBLICATION:

Nauka i Zhizn' (7):88-89, 1961.

DC 00000183 001

AUTHOR:

Booker, H. G.; Runsey, V. H.; Deschamps, G. A.; Kales, M. L.; Bohnert, J. I.

TITLE:

Elliptically Polarized Waves.

PUBLICATION:

Proc IRE 39:533-552, 1951.

DC 00000184 001

AUTHOR:

Bourgeois, A. E.

TITLE:
The Effect of Microwave Exposure Upon the Auditory Threshold of Humans.

PUBLICATION:
Dissertation, Baylor Univ, 1967.

DC 00000185 001

AUTHOR:
Bovill, Chas B.

TITLE:
Are Radar Radiations Dangerous? A Survey of the Possible Hazards.

PUBLICATION:
Brit Comm Electr May, 1960.

DC 00000186 001

AUTHOR:
Boyenko, I. D.

TITLE:
Some General Features of the Effect of Energy of Electromagnetic Oscillations of Varied Frequency and Intensity on the Quality of Interoceptive Reflexes.

PUBLICATION:
Interoceptors and the Neural Control of System Functions Under Normal and Pathological Conditions, Tezisy dokladov, Ivano-Frankovsk, 1963.

DC 00000187 001

AUTHOR:
Boyenko, I. D.

TITLE:
Electromagnetic Field As a Stimulus.

PUBLICATION:
Some Problems of Physiol Biophys, Voronezh, Izd-vo Voronezh, Univ, 7-21, 1964.

DC 00000188 001

AUTHOR:
Boyle, A.; Cook, H.; Buchanan, T.

TITLE:
Effects of Microwaves, Preliminary Investigation.

PUBLICATION:
Brit J Phys Med 13:2-9, 1950.

DC 00000191 001

AUTHOR:

Boysen, J. E.

TITLE:

A Review of Unanswered Biological Hazard Operational Problems.

PUBLICATION:

Proc 4th Ann Tri-Service Conf Biol Effects Microwave Radiation,
ed. M. F. Peyton, Plenum Press, N. Y., 309-318, 1961, AD244867.

DC 00000189 001

AUTHOR:

Boysen, J. E.

TITLE:

Airforce Experience with Microwave Exposures.

PUBLICATION:

J Occup Med 4(4):192-194, 1962.

DC 00000190 001

AUTHOR:

Boysen, J. E.

TITLE:

Hyperthermic and Pathologic Effect of Electromagnetic Radiation.

PUBLICATION:

Arch Indust Hyg Occup Med 7(6):516-524, 1953.

DC 00000192 001

AUTHOR:

Bozik, L. and Gruberova, J.

TITLE:

The Influence of Electromagnetic Waves Upon the Nervous System.

PUBLICATION:

Prac Lek 19(6):249-251, 1967, JPRS43466.

DC 00000193 001

AUTHOR:

Bratkovskiy, R. Ye.

TITLE:

The Influence of an Ultrahigh Frequency Electric Field on
Oxidative Processes and Nitrogen Metabolism.

PUBLICATION:

The Biol Action of Ultrahigh Frequency (Ultrashort waves),
Collection, Moscow, 227-251, 1937.

DC 00000194 001

AUTHOR:

Braun, E. H.

TITLE:

Gain of Electromagnetic Horns.

PUBLICATION:

Proc IRE 41:109-115, 1953.

DC 00000195 001

AUTHOR:

Brill, A. S.; Bryce, G. F.; Maria, H. J.

TITLE:

Optical and Magnetic Properties of Pseudomonas Azurins.

PUBLICATION:

Biochim Biophys Acta 154:342-351, 1968.

DC 00000196 001

AUTHOR:

Brody, S. I.

TITLE:

The Operational Hazard of Microwave Radiation.

PUBLICATION:

J Aviation Med 24:328-333, 1953.

DC 00000197 001

AUTHOR:

Brody, S. I.

TITLE:

Military Aspects of the Biological Effects of Microwave Radiation.

PUBLICATION:

IRE Trans Med Electr 4:8-9, 1956.

DC 00000198 001

AUTHOR:

Brown, C. H.; Hoyler, C. M.; Bierwirth, R. A.

TITLE:

Theory and Application of Radio Frequency Heating.

PUBLICATION:

D. Van Nostrand Co, Inc, New York, 1947.

DC 00000199 001

AUTHOR:

Brown, G. H. and Morrison, W. C.

TITLE:

An Exploration of the Effects of Strong Radio Frequency Fields on Microorganisms in Aqueous Solutions.

PUBLICATION:

IRE Trans Med Electr 4:16, 1956.

DC 00000200 001

AUTHOR:

Brown, W. S.

TITLE:

Physiological Hazards of Nonionizing Radiation.

PUBLICATION:

Lockheed Aircraft Corp, Burbank, Calif, 1952, AD139961.

DC 00000201 001

AUTHOR:

Bryan, R. W.

TITLE:

Retrograde Amnesia: Effects of Handling and Microwave Radiation.

PUBLICATION:

Science 163(3738):897-899, 1966.

DC 00000202 001

AUTHOR:

Bubak, K.

TITLE:

Biological Effects of Electromagnetic Radiation within the Scope of CM Waves.

PUBLICATION:

Biol Abst 36, pt. 670815, 2(1/3):358-363, 1959.

DC 00000203 001

AUTHOR:

Buchanan, A. R.; Heim, H. C.; Kraushaar, J. J.

TITLE:

Biomedical Effects of Exposure to Electromagnetic Radiation: II, Biomedical Effects On the Eye from Exposure to Microwaves and Ionizing Radiations.

PUBLICATION:
AD265279.

DC 00000204 001

AUTHOR:
Budko, L. M. and Kostyuk, A. Yu.

TITLE:
The Effect of Certain Sections of the Electromagnetic Spectrum on the Sorption of Alkaline Stain by the Organs of White Rats.

PUBLICATION:
Some Problems of Physiol Biophys, Trudy Otdeleniya, Voronezh, Izd vo Voronezh, Univ, 21-25, 1964.

DC 00000205 001

AUTHOR:
Buksa, L. G.

TITLE:
The Effects of Magnetic Field, Electric Field, HF VHF Field, and Ultraviolet Radiation on the Reproduction of Yeast.

PUBLICATION:
Tr Permskogo Gosudarstvennogo Med Inst, (24-25), 1950.

DC 00000206 001

AUTHOR:
Burhan, A. S.

TITLE:
Some Recent Developments in Pulsed Energy Sleep.

PUBLICATION:
Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 124-135, 1959, RADCTR59140, AD234788.

DC 00000207 001

AUTHOR:
Burr, H. and Mauro, A.

TITLE:
Electrostatic Fields of the Sciatic Nerve in the Frog.

PUBLICATION:
Yale J Biol Med 21:455, 1949.

DC 00001057 001

AUTHOR:
Busco, R. and Comignani, L.

TITLE:
Present State of Knowledge Concerning the Effects of Radar Waves on Living Organisms and Relative Protective Devices.

PUBLICATION:

Riv Med Aero 30:718-757, 1967, A6827314.

DC 00001058 001

AUTHOR:

Busco, R. and Comignani, L.

TITLE:

Present State of Research on the Effects of Radar Waves on Living Organisms and Related Safety Measures. Part I, General Principles of Physics and Physiopathological Effects.

PUBLICATION:

Riv Med Aero 30:469-528, 1967, A6880741.

DC 00000211 001

AUTHOR:

Byalko, N. K. and Sadchikova, M. M.

TITLE:

Some Biochemical Blood Indices Under the Action of Centimeter Waves.

PUBLICATION:

Biological Effects of Radio frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 137-139, 1964.

DC 00000208 001

AUTHOR:

Bychkov, M. S.

TITLE:

Change of Electric Activity of the Cortex of the Large Hemispheres in Animals Exposed to SHF UHF.

PUBLICATION:

Tr Voennoy Akad imeni S. M. Korov, 73:35-37, 1957.

DC 00000255 001

AUTHOR:

Bychkov, M. S. and Syngayevskaya, V. A.

TITLE:

Data on Nonthermal Effect of SHF UHF Field on the Cholinergic Systems of an Organism.

PUBLICATION:

Questions of Biological Activity of SHF Electromagnetic Fields, VMOIA, Leningrad, imeni S. M. Kirov, 9, 1962.

DC 00001059 001

AUTHOR:

Bychkov, M. S.

TITLE:

The Effect of an SHF Electrical Field on Strychnine Poisoning in White Mice.

PUBLICATION:

Tr Lening Obshestva Yestestvoispytateley 62(1):110, 1961.

DC 00000210 001

AUTHOR:

Bychkov, M. S.

TITLE:

The Mechanism of Action of SHF UHF Electromagnetic Field.

PUBLICATION:

Questions of Biological Activity of SHF Electromagnetic Fields, VMOLA, Leningrad, imeni S. M. Kirov, 6-8, 1962.

DC 00000209 001

AUTHOR:

Bychkov, M. S.

TITLE:

Electrophysiological Characteristic of the Biological Effect of UHF VHF Fields of Various Parameters.

PUBLICATION:

Industr Hyg Biol Effect Radio Frequency Electromagnetic Fields, Tezisy dokladov, Moscow, 1959.

DC 00000212 001

AUTHOR:

Eynum, J. A.

TITLE:

The Effects of UHF Radio Fields on Retention in a Verbal Learning Task.

PUBLICATION:

Dissertation, Baylor Univ, 1966.

DC 00001060 001

AUTHOR:

Carlson, M. L.

TITLE:

Dielectric Constant of Vegetation at 8.5GHz.

PUBLICATION:

PUB, 1967, NSR36008027, NASACR83925, N6725893.

DC 00000216 001

AUTHOR:

Carpenter, R. L.; Biddle, D. K.; Van Ummeren, C. A.

TITLE:

Report of Work in Progress at Tufts Univ Investigators' Conf Biol Effects Electronic Radiating Equip.

PUBLICATION:

Rome Air Dev Ctr, Air Res and Dev Command, RADCTR5967, July 1959, AD214693.

DC 00000217 001

AUTHOR:

Carpenter, R. L.; Biddle, D. K.; Van Ummeresen, C. A.

TITLE:

Biological Effects of Microwave Radiation, with Particular Reference to the Eye.

PUBLICATION:

3rd Internat Conf Med Electr, Part 3, 401-408, July 26, 1960.

DC 00000222 001

AUTHOR:

Carpenter, R. L. and Van Ummeresen, C. A.

TITLE:

The Action of Microwave Radiation on the Eye.

PUBLICATION:

Tufts Univ Medford Mass Dept of Biol, AF4165786, 1968, AD668619.

DC 00000220 001

AUTHOR:

Carpenter, R. L.; Biddle, D. K.; Van Ummeresen, C. A.; Manhagas, C. P.; Freeman, H. M.

TITLE:

Experimental Radiation Cataracts Induced by Microwave Radiation.

PUBLICATION:

Amer J Ophthal 47:94, 1959.

DC 00000215 001

AUTHOR:

Carpenter, R. L.

TITLE:

Experimental Study of the Biological Effects of Microwave Radiation in Relation to the Eye.

PUBLICATION:

RADCTDR62131, ASTIA Doc 275840, Feb 1962.

DC 00000221 001

AUTHOR:

Carpenter, R. L., Hammond, G. H., Biddle, D. K.; Van Ummeresen, C. A.

TITLE:

The Effect on the Rabbit Eye of Microwave Radiation at X-Band Frequencies.

PUBLICATION:

Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N. Y., 195, July, 1961.

DC 00000214 001

AUTHOR:

Carpenter, R. L.

TITLE:

Studies on the Effects of 2450 Megacycle Radiation on the Eye of the Rabbit.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 279-290, 1959, RADCTR59140, AD234788.

DC 00000213 001

AUTHOR:

Carpenter, R. L.

TITLE:

Experimental Radiation Cataracts Induced by Microwave Radiation.

PUBLICATION:

Proc 2nd Ann Tri-Service Conf Biol Effects Microwave Energy, eds. G. G. Pattishall and P. W. Banghart, 1958, 146-166, AD131477.

DC 00000219 001

AUTHOR:

Carpenter, R. L.; Biddle, D. K.; Van Umersen, C. A.

TITLE:

Comparison of Absorption by Normal and Phantom Eyes Exposed to Cataractogenic Doses of Microwave Radiation at 2450Mc. and 10,050 Mc.

PUBLICATION:

Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N. Y. 196, July, 1961.

DC 00000218 001

AUTHOR:

Carpenter, R. L.; Biddle, D. K.; Van Umersen, C. A.

TITLE:

Opacities in the Lens of the Eye Experimentally Induced by Exposure to Microwave Radiation.

PUBLICATION:

IRE Trans Med Electr 7:152-157, 1960.

DC 00000223 001

AUTHOR:

Cazzamalli, R.

TITLE:

The Effects of Radar on the Human Body.

PUBLICATION:

Neuroligica 6:193, 1925, AD273787.

DC 00000096 001

AUTHOR:

Chason, L. R.

TITLE:

The Effects of Visible Light and Microwave Radiation on Endocrine Organs in the Rat.

PUBLICATION:

Ph.D. Dissertation, Baylor University, Waco, Texas.

DC 00001061 001

AUTHOR:

Chernova, L. K.

TITLE:

On the Role of Electrical and Magnetic Fields in the Vital Activities of Biological Systems.

PUBLICATION:

Electron Treat of Mater (3):89-96, 1965, N6636597.

DC 00000227 001

AUTHOR:

Chizhenkova, R. A.

TITLE:

Electrical Reaction of the Cerebral Cortex of the Rabbit to Various Electromagnetic Fields.

PUBLICATION:

Zh Vyssh Nerv Delat Pavlov 17 (6):1083-1090, 1967, ATDP6(93) 1968.

DC 00000224 001

AUTHOR:

Chizhenkova, R. A.

TITLE:

Changes in the EEG of Rabbits During the Action of a Constant Magnetic Field.

PUBLICATION:

Biull Eksp Biol Med 61(6);11-15, 1966.

DC 00000226 001

AUTHOR:

Chizhenkova, R. A.

TITLE:

The Role of Different Brain Formations in Electroencephalographic Responses of Rabbits to a Constant Magnetic Field and to UHF and VHF Electromagnetic Fields.

PUBLICATION:

Zh Vyssh Nerv Delat Pavlov 17(2):313-321, 1967.

DC 00000225 001

AUTHOR:

Chizhenkova, R. A.

TITLE:

Brain Biopotentials in the Rabbit During Exposure to Electromagnetic Fields.

PUBLICATION:

Fiziol Zh SSSR Sechenov 53(5):514-519, 1967.

DC 00000228 001

AUTHOR:

Christianson, C. and Rutkowski, A.

TITLE:

Electromagnetic Radiation Hazards in the Navy.

PUBLICATION:

US Naval Appl Sci Lab, 24 Jan 1967, AD645696.

DC 00000229 001

AUTHOR:

Chukhlovin, B. A.

TITLE:

Effect of Electromagnetic Ultrahigh Frequency Irradiation on Immunobiologic Properties of the Body, Review of the Literature.

PUBLICATION:

Voennomed Zh 7:25-29, 1965.

DC 00000230 001

AUTHOR:

Chukhlovin, B. A.; Grachev, B. N.; Likina, I. V.

TITLE:

Presence of C and Cx Reactive Protein in the Blood Serum Upon Exposure of the Organism to the Action of Ultrahigh Frequency Electromagnetic Waves.

PUBLICATION:
Biull Eksp Biol Med 61(6):53-55, 1966.

DC 00001062 001

AUTHOR:
Cieciura, L. and Minecki, L.

PUBLICATION:
Med Pracy, 1964.

DC 00000231 001

AUTHOR:
Cieciura, L. and Minecki, I. L.

TITLE:
Histopathological Changes in the Testes of Rats Exposed to the
Action of Microwaves Radiation in Hyperthermal Condition.

PUBLICATION:
Med Pracy 17:507-514, 1966.

DC 00000232 001

AUTHOR:
Cignelini, P.

TITLE:
Dosimetry in Short Wave Therapy.

PUBLICATION:
Minerva Med 1:234-265, 1947.

DC 00000233 001

AUTHOR:
Cimitan, O.

TITLE:
Effect of the Short Wave Irradiation on Bacteria.

PUBLICATION:
Gior Sci Med (Venezia) 6:138:140, 1951.

DC 00000234 001

AUTHOR:
Clark, J. W.

TITLE:
Effect of Intense Microwave Radiation on Living Organisms.

PUBLICATION:
Proc IRE 38:1028-1032, 1950.

DC 00000235 001

AUTHOR:

Clark, J. W.

TITLE:

Microwave Diathermy in Ophthalmology. Clinical Evaluation.

PUBLICATION:

Trans Amer Acad Ophthal 56:600-607, 1952.

DC 00000236 001

AUTHOR:

Clark, J. W.; Hines, H. M.; Salisbury, W. W.

TITLE:

Exposures to Microwaves. Recent Experiments on Animals with High Intensity 12 cm Radiation.

PUBLICATION:

Electronics, 22:66, 1949.

DC 00000237 001

AUTHOR:

Clark, L. A.

TITLE:

Eye Study Survey.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 239-243, 1959, RADCTR59140, AD234788.

DC 00001040 001

AUTHOR:

Cleary, S. F.; Pasternack, B. S.; Beebe, G. W.

TITLE:

Cataract Incidence in Radar Workers.

PUBLICATION:

Arch Environ Health 11:179-182, 1965.

DC 00000238 001

AUTHOR:

Cleary, S. F.; Pasternack, B. and Eisenbud, M.

TITLE:

Relationship of Environmental Factors to Lenticular Changes in Microwave Workers.

PUBLICATION:

Inst Environ Med, N.Y. Univ Med Center.

DC 00000239 001

AUTHOR:
Cofferatte, T.

TITLE:
Leukocytis Vagistrices Following Shortwave Therapy.

PUBLICATION:
Gimocologia 12:237-243, 1944.

DC 00000241 001

AUTHOR:
Cogan, D. G.

TITLE:
Ocular Effects of Radiation.

PUBLICATION:
AMA Arch Industr Health 20:293, 1959.

DC 00000240 001

AUTHOR:
Cogan, D. G.

TITLE:
Lesions of the Eye From Radiation Energy.

PUBLICATION:
JAMA 142:145, 1950.

DC 00000243 001

AUTHOR:
Cogan, D. G.; Fricker, S. J.; Lubin, M.; Donaldson, D. D.; Hardy, H.

TITLE:
Cataracts and Ultrahigh Frequency Radiation.

PUBLICATION:
AMA Arch Industr Health 18:299-302, 1958.

DC 00000242 001

AUTHOR:
Cogan, D. G., and Donaldson, D. D.

TITLE:
Experimental Radiation Cataracts: I, Cataracts in the Rabbit Following Single X-ray Exposure.

PUBLICATION:
Arch ophthal 45:508-522, 1951.

DC 00000244 001

AUTHOR:

Cogan, D.; Goff, J.; Graves, E.

TITLE:

Experimental Radiation Cataracts, II Cataracts in the Rabbit Following Single Exposure to Fast Neutrons.

PUBLICATION:

Arch Ophthal 47:584-592, 1952.

DC 00000093 001

AUTHOR:

Constant, P. C.

TITLE:

Hearing Em Waves.

PUBLICATION:

Digest 7th Internat Conf Med Biol Eng, Stockholm, Speech and Hearing, 16 Aug 1967.

DC 00000248 001

AUTHOR:

Cook, H.

TITLE:

A Physical Investigation of Heat Production in Human Tissues When Exposed to Microwaves.

PUBLICATION:

Brit J Appl Phys 3:245-248, 1952.

DC 00000249 001

AUTHOR:

Cook, H.

TITLE:

A Comparison of the Dielectric Behavior of Pure Water and Human Blood at Microwave Frequencies.

PUBLICATION:

Brit J Appl Phys 3:249-251, 1952.

DC 00000245 001

AUTHOR:

Cook, H.

TITLE:

Dielectric Behavior of Some Types of Human Tissues of Microwave Frequencies.

PUBLICATION:
Brit J Appl Phys 2:295-300, 1951.

DC 00000247 001

AUTHOR:
Cook, H.

TITLE:
Microwaves in Medical and Biological Research.

PUBLICATION:
Brit J Appl Phys 3:33-40. 1952.

DC 00000246 001

AUTHOR:
Cook, H.

TITLE:
Clinical Picture of the Chronic Effect of Electromagnetic Microwave.

PUBLICATION:
Brit J Appl Physics 3:1-8, 1952.

DC 00000251 001

AUTHOR:
Cook, H. and Boyle, A.

TITLE:
The Effects of Microwaves.

PUBLICATION:
Brit J Phys Med 13:1-8, 1950.

DC 00000250 001

AUTHOR:
Cook, H. F.

TITLE:
The Pain Threshold for Microwave and Infrared Radiations.

PUBLICATION:
J Physiol 118:1-11, 1952.

DC 00000252 001

AUTHOR:
Cooper, T.; Pinakatt, T.; Jellinek, M.; Richardson, A. W.

TITLE:
Effects of Adrenalectomy, Vagotomy, and Ganglionic Blockade on the Circulatory System Response to Microwave Hyperthermia.

PUBLICATION:
Aerospace Med 33(7):794-798, 1962.

DC 00000253 001

AUTHOR:

Cooper, Th.; Jellinek, M.; Pinakatt, T.; Richardson, A. W.

TITLE:

The Effect of Pyridoxine and Pyridoxal on the Circulatory Response of Rats to Microwave Irradiation.

PUBLICATION:

Experientia 21(1):28-29, 1965.

DC 00000254 001

AUTHOR:

Copson, D. A.

TITLE:

Microwave Energy in Food Procedures.

PUBLICATION:

IRE Trans Med Electr, Session IV, Gen Sessions on Biologic Effects, 27-35, Feb 1956.

DC 00000256 001

AUTHOR:

Copson, D. A.

TITLE:

Theory of Thermal Dissipation of Microwave Energy and Vacuum Microwave Engineering.

PUBLICATION:

Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N. Y. 228, July, 1961.

DC 00000257 001

AUTHOR:

Copson, D. A.; Neumann, B.; Brody, A.

TITLE:

Browning Methods in Microwave Cooking.

PUBLICATION:

J Agr Food Chem 3:424-427, 1955.

DC 00000258 001

AUTHOR:

Cosic, V.; Kramer, M.; Gala, A.

TITLE:

Effects of Radar Installations on Human Body.

PUBLICATION:
Vojnosanit Pregl 20 (3):119-126, 1963.

DC 00000259 001

AUTHOR:
Cutler, C. C.; King, A. P.; Kock, W. E.

TITLE:
Microwave Antenna Measurements.

PUBLICATION:
Proc IRE 35(12):1462-1471, 1947.

DC 00000260 001

AUTHOR:
Dadirrian, A. N.

TITLE:
A Microwave Medical Safety Program in an Industrial Electronics Facility.

PUBLICATION:
Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 271-278, 1959, RADCTR59140, AD234788.

DC 00000261 001

AUTHOR:
Dahlen, R. W.

TITLE:
Effects of Irradiation of the Head Region of Dogs with 2450 mc Microwaves.

PUBLICATION:
Dissertation Abstr 21(6):1612, 1960.

DC 00000262 001

AUTHOR:
Daily, L. E.

TITLE:
A Clinical Study of the Results of Exposure of Laboratory Personnel to Radar and High Frequency Radio.

PUBLICATION:
US Naval Med Bull 41(4):1052-1056, 1943.

DC 00000263 001

AUTHOR:
Daily, L. Jr.; Wakim, K. G.; Herrick, J. F.; Parkhill, E. M.; Benedict, W. L.

TITLE:
The Effects of Microwave Diathermy on the Eye.

PUBLICATION:

Amer J Physiol 155:432, 1948.

DC 00000266 001

AUTHOR:

Daily, L.; Wakim, K. G.; Herrick, J. F.; Parkhill, E. M.;
Benedict, W. L.

TITLE:

The Effects of Microwave Diathermy on the Eye.

PUBLICATION:

IRE Trans Med Elect 4:25-27, 1956.

DC 00000265 001

AUTHOR:

Daily, L.; Wakim, K. G.; Herrick, J. T.; Benedict, W.

TITLE:

The Effect of Microwave Diathermy on the Eye of the Rabbit.

PUBLICATION:

Amer J Ophthal 35(7):1001-1017, 1952.

DC 00000264 001

AUTHOR:

Daily, L.; Wakim, K.; Herrick, J.; Parkhill, E.; Benedict, W.

TITLE:

The Effects of Microwave Diathermy on the Eye.

PUBLICATION:

Amer J Ophthal 33:1241-1254, 1950.

DC 00000267 001

AUTHOR:

Daily, L.; Zeller, E. A.; Wakim, K. G.; Herrick, J. F.; Benedict,
W. L.

TITLE:

Influence of Microwaves on Certain Enzyme Systems in the Lens of
the Eye.

PUBLICATION:

Amer J Ophthal 34:1301-1306, 1951.

DC 00001063 001

AUTHOR:

Danilewsky, V. J.

TITLE:

Investigations of the Long Range Physiological Effects of
Electricity.

PUBLICATION:
Kharkov, 1-2, 1900-1901.

DC 00000269 001

AUTHOR:
David, T. and Mayer, J.

TITLE:
Uses of High Frequency Electromagnetic Waves in the Study of Thermogenesis.

PUBLICATION:
Amer J Physiol 178:283, 1954.

DC 00000268 001

AUTHOR:
Davis, R. T.; Elam, C. B.; McDowell, A.

TITLE:
Latent Effects of Chronic Whole Body Irradiation of Monkeys with Mixed Source Radiation.

PUBLICATION:
School of Aviation Med Randolph AFB, Tex, AD204696.

DC 00000270 001

AUTHOR:
Dayton, W. P.

TITLE:
Microwave Radiation Effects Program.

PUBLICATION:
GEEIA; USAF 1961, AD253671.

DC 00000591 001

AUTHOR:
de Loor, G. P.

TITLE:
Dielectric Properties of Heterogeneous Mixtures Containing Water.

PUBLICATION:
J Microwave Power 3-2:67-73, 1968.

DC 00000824 001

AUTHOR:
de Saguin, L.

TITLE:
Reversibility of Lesions Observed in Small Animals Exposed to Ultra High Frequency Waves (Wavelengths of 2 cm).

PUBLICATION:
Compt Rend Ass Sci 255:76-77, 1947.

DC 00000827 001

AUTHOR:
de Saguin, L.

TITLE:
Biophysical Bases of Therapeutic Applications of Microwaves.

PUBLICATION:
J Radiol Electr 30:458-461, 1949.

DC 00000826 001

AUTHOR:
de Saguin, L. and Costelein, G.

TITLE:
Anatomic Lesions Observed in Laboratory Animals Exposed to
Ultrahigh Frequency Waves (wavelength 21Cms).

PUBLICATION:
Compt Rend Ass Sci 224:1850-1852, 1947.

DC 00000825 001

AUTHOR:
de Saguin, L. and Costelein, G.

TITLE:
Effect of Ultrahigh Frequency Waves (Wavelengths of 21 cms) on
Temperature of Small Laboratory Animals.

PUBLICATION:
Compt Rend Ass Sci 244:1662-1663, 1947.

DC 00000828 001

AUTHOR:
de Saguin, L.; LeFavre, J.; Polietier, M.

TITLE:
Specific Action of Microwaves on Tissue Cultures.

PUBLICATION:
J Radiol Electr 30:566-568, 1949.

DC 00000275 001

AUTHOR:
Deichman, W. B., et al.

TITLE:
Skin Cancer Study and Chronic Microwave Studies.

PUBLICATION:
Annual Report (Dec 31, 1959) of Microwave Radiation Research at
the University of Miami, Coral Gables, Florida, Rome Air Devel Cent,

Air Res Devel Command, Griffiss AFB, N.Y., 1959, AD232925.

DC 00000276 001

AUTHOR:

Deichmann, W. B., et al.

TITLE:

Results of Studies of Microwave Radiation.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Suskind, 72-76, 1959, RADCTR59140, AD234788.

DC 00000281 001

AUTHOR:

Deichmann, W. B.; Miale, J.; Landeen, K.

TITLE:

Effect of Microwave on the Hemopoietic System in the Rat.

PUBLICATION:

Toxic Appl Pharmacol 6(1):71-77, 1964.

DC 00000277 001

AUTHOR:

Deichmann, W. B. and Bernal, E.

TITLE:

Chronic Exposure of Dogs to Microwave Radiation of 24,000 Megacycles and a Power Density of 20sw/sq.cm.

PUBLICATION:

Miami Univ, Coral Gables, Fla, 1963, AD400345.

DC 00000280 001

AUTHOR:

Deichmann, W. B.; Keplinger, E.; Bernal, E.

TITLE:

Relation of Interrupted Pulsed Microwaves to Biological Hazards.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Suskind, 77-81, 1959, RADCTR59140, AD234788. Industr Med Surg 28:212-213, 1959.

DC 00000097 001

AUTHOR:

Deichmann, W. B.; Bernal, E.; Stephens, P. and Landeen, K.

TITLE:

Effects of Dogs of Chronic Exposure to Microwave Radiation.

PUBLICATION:

J Occup Med 5(9):418-425, 1963.

DC 00000271 001

AUTHOR:

Deichmann, W. B.

TITLE:

Annual Report of Microwave Radiation Research.

PUBLICATION:

RADC Tech Rept 59228 GAFB, W.Y., 1960, AD232925, AD256500.

DC 00000282 001

AUTHOR:

Deichmann, W. B.; Stephens, Jr., F. H.

TITLE:

Factors that Influence the Biological Effects of Microwave Radiation.

PUBLICATION:

Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N.Y., 191, July, 1961.

DC 00000274 001

AUTHOR:

Deichmann, W. B.

TITLE:

Biological Effects of Microwave Radiation of 24,000 Megacycles.

PUBLICATION:

Arch Toxik 22:24-35, 1966.

DC 00000272 001

AUTHOR:

Deichmann, W. B. (ed.).

TITLE:

Annual Report (Dec 31, 1959) of Microwave Radiation Research at the University of Miami, Coral Gables, Florida.

PUBLICATION:

Rome Air Devel Cent, Air Res Devel Command, Griffiss AFB, N.Y., 1959, AD232925.

DC 00000278 001

AUTHOR:

Deichmann, W. B.; Bernal, E.; Keplinger, H.

TITLE:

Effects of Environmental Temperature and Air Volume Exchange on Survival of Rats Exposed to Microwave Radiation of 24,000 Megacycles.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 62-70, 1959, RADCTR59140, AD234788. Industr Med Surg 28:535-538, 1959.

DC 00000279 001

AUTHOR:

Deichmann, W. B.; Keplinger, M.; Bernal, E.

TITLE:

Effects of Environmental Temperature and Air Volume Exchange on Survival of Rats exposed to Microwave Radiation of 2,400 Megacycles.

PUBLICATION:

Rome Air Dev Cent GAFB, N.Y., AD228993.

DC 00000273 001

AUTHOR:

Deichmann, W. B.

TITLE:

Introducing the Irradiation Cycle Rate in Microwave Radiation Exposures.

PUBLICATION:

Biochem Pharmacol 8(1), 1961.

DC 00000283 001

AUTHOR:

Deichmann, W.; Stephens, F.; Keplinger, M.; Lampe, K.

TITLE:

Acute Effects of Microwave Radiation on Experimental Animals.

PUBLICATION:

J Occup Med 1:369-381, 1959.

DC 00000284 001

AUTHOR:

DeMinco, A. P.

TITLE:

Generation and Detection of Pulsed X-rays from Microwave Sources.

PUBLICATION:

Pro 4th Annual Tri-Service Conf Biol Effects Microwave Radiation, ed., M. P. Peyton, Plenum Press, N.Y., 33-40, 1961.

DC 00000285 001

AUTHOR:

Demirghoglyan, G. G.

TITLE:

Photopotential of Retina and Its Variation Under the Action of SHF-UHF Fields.

PUBLICATION:
Probl Fiziol Optiki (8), 1953.

DC 00000286 001

AUTHOR:
Denier.

TITLE:
Action biologique des ondes hertziennes ultracourtes de 80 centimetres.

PUBLICATION:
Arch Electr Med 41:273-276, 1933.

DC 00000287 001

AUTHOR:
Dinkloh, H.

TITLE:
Health Damage Caused by Microwaves, Especially Radar Waves.

PUBLICATION:
Wehrmedizin 4:123-131, 1966.

DC 00000288 001

AUTHOR:
Dodge, C.

TITLE:
Biological and Medical Aspects of Microwaves.

PUBLICATION:
ATD Bull 1(2):7-19, 1965.

DC 00000289 001

AUTHOR:
Dodge, C.

TITLE:
The Influence of Microwaves on the Functional Condition of the Nerve.

PUBLICATION:
ATD Bull 1(2):33-38, 1965.

DC 00000290 001

AUTHOR:
Dodge, C. and Kassel, S.

TITLE:
Soviet Research on the Neural Effects of Microwaves.

PUBLICATION:
1966, ATD66133.

DC 00001064 001

AUTHOR:

Dogel', V. A.

PUBLICATION:

Obshchaya Prostistologiya, Moscow, 156-161, 1951.

DC 00000291 001

AUTHOR:

Dolatkowski, A.; Lenko, J.; Mroz-Wasilewska; Wochna, Z.

TITLE:

Studies on the Effect of Microwaves Emitted by Radar Devices on the Testicles and Epididymides of Rabbit.

PUBLICATION:

Pol Med J 138:1157-1163.

DC 00000292 001

AUTHOR:

Dolina, L. A.

TITLE:

Morphological Changes in the Central Nervous System Under the Effect of Centimeter Waves on the Organism.

PUBLICATION:

Arkiv Pat 23(1):51-57, 1961.

DC 00001065 001

AUTHOR:

Dorfman, Ya. G.

TITLE:

The Specific Nature of the Influence of Magnetic Fields on Diamagnetic Macromolecules in Solutions.

PUBLICATION:

Biofizika 7(6):733, 1962.

DC 00000293 001

AUTHOR:

Dougherty, J. D.; Caldwell, J. C.; Howe, W. M.; Clark, W. B.

TITLE:

Evaluation of an Alleged Case of Radiation Induced Cataract at a Radar Site.

PUBLICATION:

Aerospace Med 36:466-471, 1965.

DC 00000296 001

AUTHOR:

Drogichina, E. A. and Sadchikova, M. N.

TITLE:

Clinical Syndromes Arising Under the Effect of Various Radio Frequency Bands.

PUBLICATION:

Gig Tr Prof Zabol 9(1):17-21, 1965, JPRS29694.

DC 00000295 001

AUTHOR:

Drogichina, E. A. and Sadchikova, M. N.

TITLE:

Clinical Syndromes After Exposure to Various RF Bands.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR (2):105-109, 1964.

DC 00000294 001

AUTHOR:

Drogichina, E. A., et al.

TITLE:

Certain Clinical Manifestations of the Chronic Effects of Centimeter Waves.

PUBLICATION:

Gig Tr Prof Zabol (1):28-33, 1962.

DC 00000002 001

AUTHOR:

Drogichina, E. A.; Konchalovskaya, M. N.; Glotova, K. V.; Sadchikova, M. N., and Snegova, G. V.

TITLE:

Autonomic and Cardiovascular Disorders During Chronic Exposure to Superhigh Frequency Electromagnetic Fields.

PUBLICATION:

Gig Tr Prof Zabol (7):13-17, 1966, ATD66124.

DC 00000065 001

AUTHOR:

Drogichina, E. A.

TITLE:

The Clinic of Chronic UHF Influence on the Human Organism.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:29-31, 1960, JPRS12471.

DC 00000297 001

AUTHOR:

Duhamel, J.

TITLE:

Effets Biologiques des Ondes Radioelectriques Ultracourtes, 8, 9, 10 Juillet, 1958.

PUBLICATION:

Presse Med (4):151, 1959.

DC 00000299 001

AUTHOR:

Dumanskiy, Yu. D.

TITLE:

Evaluation of Radiofrequency Electromagnetic Fields in Residential Areas.

PUBLICATION:

Vestn Akad Med Nauk SSSR (8):47-52, 1967, JPRS42634.

DC 00000298 001

AUTHOR:

Dumanskiy, Yu. D.

TITLE:

Hygienic Evaluation of Radio Frequency Electromagnetic Waves.

PUBLICATION:

1966, ATD6692.

DC 00000300 001

AUTHOR:

Eakin, S. and Thompson, W. D.

TITLE:

Effects of Microwave Radiation on Activity Level of Rats.

PUBLICATION:

Psychol Rep 11(1):192, 1962.

DC 00000301 001

AUTHOR:

Eakin, S. K. and Thompson, W. D.

TITLE:

Behavioral Effects of Stimulation by UHF Radio Fields.

PUBLICATION:
Psychol Rep 17:595-602, 1965.

DC 00000302 001

AUTHOR:
Ed'darov, A. L. and Kholodov, Yu. A.

TITLE:
The Effect of a Permanent Magnetic Field on the Motor Activity of Birds.

PUBLICATION:
Zh (bshch Biol 25(3):224-229, 1964.

DC 00000303 001

AUTHOR:
Edelwejn, A. and Baranaki, S.

TITLE:
Effects of Irradiation on the Nervous System of Personnel Exposed to Microwave Range Fields.

PUBLICATION:
Lekarz Wojskowy (9):781-786, 1966.

DC 00000304 001

AUTHOR:
Edelwejn, Z. and Haduch, S.

TITLE:
Electroencephalographic Studies on Persons Working Within the Reach of Microwaves.

PUBLICATION:
Acta Physiol Pol, 431-435, 1962.

DC 00000305 001

AUTHOR:
Egan.

TITLE:
Eye Protection in Radar Fields.

PUBLICATION:
Elect Eng, Feb. 1957.

DC 00000306 001

AUTHOR:
Eisenbud, M.

TITLE:
Exposure of Radar Workers to Microwaves.

PUBLICATION:

N.Y. Univ School Med, DA49193MD2390, 1964, AD431047L.

DC 00000308 001

AUTHOR:

Ely, T. and Goldman, D.

TITLE:

Research Report Project NM001056.13.02.

PUBLICATION:

Naval Med Res Inst 15:77-138, 1957.

DC 00000307 001

AUTHOR:

Ely, T. S. and Goldman, D. E.

TITLE:

Heat Exchange Characteristics of Animals Exposed to 10 CM Microwaves.

PUBLICATION:

IRE Trans Med Electr 4:38-43, 1956.

DC 00000309 001

AUTHOR:

Ely, T. S.; Goldman, D. E.; Hearon, J. Z.

TITLE:

Heating Characteristics of Laboratory Animals to Ten Centimeter Microwaves.

PUBLICATION:

IEEE Trans Biomed Engin, 11:123-137, Oct 1964.

DC 00000311 001

AUTHOR:

England, T.

TITLE:

Dielectric Properties of the Human Body for Wave Lengths in the 1 10cm Range.

PUBLICATION:

Nature (London) 166 (4220):480-481, 1950.

DC 00000310 001

AUTHOR:

England, T.

TITLE:

Dielectric Properties of the Human Body in the Microwave Region of the Spectrum.

PUBLICATION:

Nature (London) 163(4143):487, 1949.

DC 00000312 001

AUTHOR:

Engle, J., et al.

TITLE:

Effects of Microwaves on Bone and Bone Marrow and Adjacent Tissues.

PUBLICATION:

Arch Phys Med 31:453-461, 1950.

DC 00000313 001

AUTHOR:

Essman, L. and Wise, C.

TITLE:

Local Effects of Microwave Radiation on Tissue in Albino Rat.

PUBLICATION:

Arch Phys Med 31:502-507, 1950.

DC 00000314 001

AUTHOR:

Etter, M.; Pudema, R.; Gerah, I.

TITLE:

Injurious Effects of Tissues Contiguous to Implanted Surgical Methods.

PUBLICATION:

Arch Phys Med 26:333-344, 1947.

DC 00000315 001

AUTHOR:

Ettinger, H. J.

TITLE:

Microwave Hazards.

PUBLICATION:

Los Alamos Sci Lab USAEC, Washington 25, D.C. USAEC Health and Safety Info, Issue 171, 13 Sept 1963.

DC 00000316 001

AUTHOR:

Fanney, J. H. and Powell, C. H.

TITLE:

Field Measurement of Ultraviolet, Infrared, and Microwave Energies.

PUBLICATION:

Amer Industr Hyg Ass J 28(4):335-342, 1967.

DC 00000317 001

AUTHOR:

Faytel'Berg-Blank, V. R.

TITLE:

Role of the CNS and Autonomic Nervous System in the Mechanism of the Action of UHF on Gastrointestinal Absorption Process.

PUBLICATION:

AN Ukr RSR, Dopovidi (1):113-116, 1965.

DC 00000047 001

AUTHOR:

Faytel'berg-Blank, V. R.

TITLE:

Changes in the Absorptive Activity of Stomach and Intestines Under the Influence of UHF Radiowaves in the CM Range.

PUBLICATION:

Fiziol Zh SSSR Sechenov 51(3):372-377, 1965, Abstr.

DC 00000046 001

AUTHOR:

Faytel'berg-Blank, V. R.

TITLE:

Effect of High Frequency Microwaves on the Absorptive Activity of the Stomach and Intestine.

PUBLICATION:

Biull Eksp Biol Med 57(1):45-48, 1964, A6580710.

DC 00000094 001

AUTHOR:

Faytel'berg-Blank, V. R.

TITLE:

Absorptive Gastric and Intestinal Activity Under the Influence of the Ultrahigh Frequency Electric Field.

PUBLICATION:

Fiziol Zh SSSR Sechenov 48(6):735-741, 1962.

DC 00001066 001

AUTHOR:

Penkel', G. L.

PUBLICATION:

Arkh Biol Nauk (61):147, 1941.

DC 00000318 001

AUTHOR:
Fenn, J. E.

TITLE:
Effect of Pulsed Electromagnetic Energy (Diapulse) on Experimental Hematomas.

PUBLICATION:
Canad Med Ass J 100:251-254, 1969.

DC 00000319 001

AUTHOR:
Ferreira, J. and Cardanelli, J.

TITLE:
Lipophegin Granuloma of Abdominal Wall Due to Diathermy.

PUBLICATION:
Case Pr Med 34:262, 1957.

DC 00000320 001

AUTHOR:
Feucht, B.; Richardson, A.; Hines, H.

TITLE:
Effect of Implanted Metals on Tissue Hyperthermia Produced by Microwaves.

PUBLICATION:
Arch Phys Med 30:164-169, 1949.

DC 00000321 001

AUTHOR:
Fidel'Man, F. M. and Rasina, G. Ya.

TITLE:
Hygienic Evaluation of Intensity Levels of High Frequency Electromagnetic Fields at Chelyabinsk Industrial Plants and Protective Measures Against Them.

PUBLICATION:
Gig Tr Prof Zabol (8):56-57, 1967.

DC 00000095 001

AUTHOR:
Figar, S.

TITLE:
Effect of a Strong Electromagnetic Field on Vasomotorics.

PUBLICATION:

Cesk Fysiol 12(5):316, 1963, ATDU64110.

DC 00000323 001

AUTHOR:

Fischer, E.; White, E. A.; Henricks, S. L.

TITLE:

Effect of Moderate and of Weak Ultrasonic Exposures Upon and Denervated Mammalian Muscles.

PUBLICATION:

Med Coll of Virginia, Richmond, N60R119802, Feb, 1954, AD53018.

DC 00000322 001

AUTHOR:

Fischer, P. P.; Neubauer, R. A.; Sarkees, Y. T.; Addington, C. H.; Osborn, C.; Swartz, G.

TITLE:

Electrical Instrumentation of Bioelectric Hazards at 200 MC and the Development of a Miniature Hazard Meter.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 15-21, 1959, RADCTR59140, AD234788.

DC 00001067 001

AUTHOR:

Fischer, H. and Muller, H.

TITLE:

Are Radar Waves Dangerous to Man.

PUBLICATION:

Truppenpraxis (10):757-758, 1964, A6580058.

DC 00000013 001

AUTHOR:

Fisher, L. I.

TITLE:

Use of VHF Therapy in Acute Nephritis.

PUBLICATION:

Vop Kurort Fizioter 29(2):149-154, 1964, JPBS25121.

DC 00000324 001

AUTHOR:

Fleming, H.

TITLE:

Effects of High Frequency Fields on Microorganisms.

PUBLICATION:
Elect Eng 1:18-21, 1944.

DC 00000325 001

AUTHOR:
Fleming, J.; Pinneo, L.; Baus, R.; McAfee.

TITLE:
Microwave Radiation in Relation to Biological Systems and Neural Activity.

PUBLICATION:
Proc 4th Tri-Service Conf Biol Effects Microwave Radiation, ed.,
M. F. Peyton, Plenum Press, N.Y., 229-249, 1961.

DC 00000326 001

AUTHOR:
Fofanov, P. N.

TITLE:
On Functional Changes of the Thyroid Gland in Persons Exposed to
the Effect of Microwave Irradiation (Preliminary Report).

PUBLICATION:
Probl Endokrinologii i Gormonoterapii, Moscow 12(5):16-17, 1966,
JPRS39265.

DC 00000328 001

AUTHOR:
Follis, Jr., R. H.

TITLE:
Studies on the Biological Effects of High Frequency Radio Waves (Radar).

PUBLICATION:
Proc 4th Ann Tri-Service Conf Biol Effects Microwave Radiation,
ed. M. F. Peyton, Plenum Press, N.Y., 229-249, 1961.

DC 00000327 001

AUTHOR:
Pollis, R. H.

TITLE:
Studies of the Biological Effect of HF Radio Waves (Radar).

PUBLICATION:
Amer J Physiol 147:281-282, 1946.

DC 00001068 001

AUTHOR:
Frank-Kamenetskiy, D. A.

TITLE:

Observations by Physics.

PUBLICATION:

Nauka i Zhizn' (7):88-90, 1961.

DC 00000329 001

AUTHOR:

Fraser, A. and Frey, A. H.

TITLE:

Electromagnetic Emission at Micron Wavelengths from Active Nerves.

PUBLICATION:

Biophys J 8(6):731-734, 1968.

DC 00000333 001

AUTHOR:

Frenkel', G. L.

TITLE:

HF VHF Electric Fields in Biology and Experimental Medicine.

PUBLICATION:

Moscow, Leningrad (1-4), 1939-1940.

DC 00000332 001

AUTHOR:

Frenkel', G. L.

TITLE:

The Ultrahigh Frequency (Ultrashort Wave).

PUBLICATION:

Electric Field in Biology and Experimental Medicine, Leningrad, 144, 1939.

DC 00000331 001

AUTHOR:

Frenkel', G. L. (ed.)

TITLE:

The Biological Action of Ultrahigh Frequency (Ultrashort Waves).

PUBLICATION:

Pub House All Union Inst Exp Med, Moscow, eds. P. S. Kupalov and G. L. Frenkel', 410, 1937.

DC 00000330 001

AUTHOR:

Frenkel', G. L.

TITLE:
Some Features of the Biological Effect of a SHF UHF Electric Field.

PUBLICATION:
Biologicheskoye Deystviye Ul'travysokoy Chastoty, Moscow, 115-137, 1937.

DC 00000337 001

AUTHOR:
Frey, A. H.

TITLE:
Some Effects on Human Subjects of Ultrahigh Frequency Radiation.

PUBLICATION:
Amer J Med Electronics 2(1):28-31, 1963.

DC 00000339 001

AUTHOR:
Frey, A. H.

TITLE:
Brain Stem Evoked Responses Associated with Low Intensity Pulsed UHF Energy.

PUBLICATION:
J Appl Physiol 23(6):984-988, 1967.

DC 00000334 001

AUTHOR:
Frey, A. H.

TITLE:
Human Auditory System Response to Modulated Radio Frequency Energy.

PUBLICATION:
Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N. Y., 158, July 1961.

DC 00000338 001

AUTHOR:
Frey, A. H.

TITLE:
Behavioral Biophysics.

PUBLICATION:
Psychol Bull 63:322-331, 1965.

DC 00000335 001

AUTHOR:
Frey, A. H.

TITLE:
Auditory System Response to Radio Frequency Energy.

PUBLICATION:
Aerospace Med 32:1140-1142, 1961.

DC 00000336 001

AUTHOR:
Frey, A. H.

TITLE:
Human Auditory System Response to Modulated Electromagnetic Energy.

PUBLICATION:
J Appl Physiol 17(4):689-692, 1962.

DC 00000340 001

AUTHOR:
Frey, A. H.; Granda, R. E.; Hiltz, F. L.

TITLE:
Experimental Study of Atmospheric Ion Effects on Human Behavior.

PUBLICATION:
GE, Ithaca, N.Y. Advanced Elect Cent, NONR320200, 1961, AD257889.

DC 00000341 001

AUTHOR:
Frommer, P. L. (ed).

TITLE:
Digest of the 1961 International Conference on Medical Electronics. Biological Effects of Microwaves, I (Athermal Aspects).

PUBLICATION:
N.Y., July 1961.

DC 00000342 001

AUTHOR:
Fuchs, G.

TITLE:
Die Kombinierte Kurzwellen Röntg.therapie Maligner Tumors.

PUBLICATION:
Wien Med Wschr 102:583-588, 1952.

DC 00000010 001

AUTHOR:
Fukalova, P. P.; Tolgskaya, M. S.; Mikogosyan, S. V.; Kitsovskaya, I. A., and Zenina, I. M.

TITLE:

Research Data on the Standardization of Electromagnetic Fields in the HF and VHF.

PUBLICATION:

Gig Tr Prof Zabol (7) 5-9, 1966, ATD66126, JPRS38663, N6719574.

DC 00000345 001

AUTHOR:

Fukalova, P. P.

TITLE:

Hygiene Characteristics of Working Conditions with Sources of Shortwave and Ultrashort Wave at Radio Stations and Television Stations.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, (2):158-163, 1964.

DC 00000343 001

AUTHOR:

Fukalova, P. P.

TITLE:

Effect of Short and Ultrashort Waves on Body Temperature and Survival Rate of Experimental Animals.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow (2):78-79, 1964.

DC 00000344 001

AUTHOR:

Fukalova, P. P.

TITLE:

Sensitivity of Olfactory and Visual Analyzers in Individuals Exposed to Continuously Generated Short and Ultrashort Waves.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow (2):144-148, 1964.

DC 00000346 001

AUTHOR:

Fukalova, P. P. and Saurova, Ye. I.

TITLE:

Change in the Functional Condition of Some Analyzers in Persons Exposed to VHF and HF Fields.

PUBLICATION:

Questions of Biological Activity of SHF Electromagnetic Fields,
VMOLA, Leningrad, imeni S. M. Kirov, 3-4, 1962.

DC 00000022 001

AUTHOR:

Fukalova, P. P.

TITLE:

Effectiveness of Protection Against HF and VHF Electromagnetic
Fields at Radio and TV Stations.

PUBLICATION:

Gig Sanit 31(4-6):112-114, 1966.

DC 00000347 001

AUTHOR:

Galanin, N. P.; Polyak, B. L.; Volkov, V. V.; Krichagin, V. I. and
Medvedev, V. I.

TITLE:

Work Conditions for Radar Set Operators and the Possible
Preventive Measures Against General Fatigue and Eye Fatigue.

PUBLICATION:

Voennomed Zh(9):25-32, 1956.

DC 00000070 001

AUTHOR:

Gel'fon, I. A. and Sadchikova, M. N.

TITLE:

Protein Fractions and Histamine of the Blood under the Influence of
UHF and HF.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet
and Z. V. Gordon, Institute of Industrial Hygiene and Occupational
Diseases, Academy of Medical Sciences, USSR, Moscow:46-49, 1960,
JPRS12471.

DC 00000348 001

AUTHOR:

Gel'fon, I. A.

TITLE:

The Effect of 10 cm Low Intensity Waves on Histamine Content in
the Blood of Animals.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst
of Industrial Hygiene and Occupational Diseases, Academy of Med Sci,
USSR, Moscow, 68-69, 1964.

DC 00000349 001

AUTHOR:

Gel'fon, I. A.; Sadchikova, M. M.

TITLE:

Protein Fractions and Blood Histamine Under the Action of Radio Waves of Various Ranges.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 133-136, 1964.

DC 00000350 001

AUTHOR:

Gembitskiy, Ye. V.

TITLE:

Data on the Clinical Aspects of Chronic Microwaves Effects.

PUBLICATION:

Questions of Biological Activity of SHF Electromagnetic Fields, VMOLA, Leningrad, imeni S. M. Korov, 14-15, 1962.

DC 00000351 001

AUTHOR:

Gengerelli, J. A.; Holter, N. J.; Glasscock, W. R.

TITLE:

Magnetic Field Accompanying Transmission of Nerve Impulses in the Frog's Sciatic.

PUBLICATION:

J Psychol 52:317, 1961.

DC 00000352 001

AUTHOR:

Gernsbach, H.

TITLE:

Lethal Radio Waves.

PUBLICATION:

Radio Electr 29, Aug 1959.

DC 00000354 001

AUTHOR:

Gersten, J. W.; Wakin, K. G.; Krusen, F. H.

TITLE:

Method of Decreasing Reflection of Microwaves by Tissue.

PUBLICATION:

Arch Phys Med 31:281-286, 1950.

DC 00000353 001

AUTHOR:

Gestern, J. W.; Wakim, K. G.; Herrick, J. P.; Krusen, P. H.

TITLE:

The Effect of Microwave Diathermy on the Peripheral Circulation and on Tissue Temperature in Man.

PUBLICATION:

Arch Phys Med 30(1):17-25, 1949.

DC 00000355 001

AUTHOR:

Giese, A.

TITLE:

Radiation and Cell Division.

PUBLICATION:

Quart Rev Biol 22:253-283, 1947.

DC 00000356 001

AUTHOR:

Gilles, E.

TITLE:

Lethal Effects of Ultrashort Waves on Microorganisms.

PUBLICATION:

Compt Rend Soc Biol, 123:546-547, 1944.

DC 00000357 001

AUTHOR:

Gilles, E.

TITLE:

Fungicidal and Bactericidal Effects of Ultrashort Waves are Consequence of Elective Thermal Action in Certain Conditions.

PUBLICATION:

Compt Rend Soc Biol, 123:565-567, 1944.

DC 00000358 001

AUTHOR:

Ginzburg, D. A. and Sadchikova, M. N.

TITLE:

Changes of the Electroencephalogram Under Continuous Action of Radio Waves.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Field, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 126-132, 1964.

DC 00000359 001

AUTHOR:

Ginzton, E. L.

TITLE:

Microwave Measurements.

PUBLICATION:

McGraw Hill Book Co, Inc, N.Y., 1957.

DC 00000360 001

AUTHOR:

Giori, P. A. and Wintergerber, A. R.

TITLE:

Remote Physiological Monitoring Using a Microwave Interferometer.

PUBLICATION:

Bio-med Sci Instrum 3:291-308, 1967.

DC 00000362 001

AUTHOR:

Glezer, D. Y.

TITLE:

Ultrashort Waves and Their Effect on Circulatory Organs.

PUBLICATION:

Leningrad, Nauchno-issledovatel'skii institut fizicheskoy kul'tury imeni Lesgafta. Izvestiya 22:5, 1940.

DC 00001069 001

AUTHOR:

Glezer, D. Ya.

PUBLICATION:

Fiziol Zh SSSR Sechenov 20:5, 1936.

DC 00000361 001

AUTHOR:

Glezer, D. Ya.

TITLE:

The Effect of Ultrashort Waves on the Higher Nervous Activity.

PUBLICATION:

Referaty nauchno-issledovatel'skogo uchrezhd, OBN AN SSSR, Leningrad, 1940.

DC 00000364 001

AUTHOR:

Gogibedashvili, V. G.

TITLE:

Concerning the Participation of the Nervous System in the Mechanism of UHF Action on the Secretory Function of the Stomach.

PUBLICATION:

Tiflis. Gosudarstvennyy nauchno-issledovatel'skiy institut kurortologii i fizioterapii. Referativnyy sbornik trudov. Tbilisi, 151, 1955.

DC 00000363 001

AUTHOR:

Gogibedashvili, V. G.

TITLE:

The Influence of an Electromagnetic UHF Field on the Secretory Function of the Stomach.

PUBLICATION:

Tiflis. Gosudarstvennyy nauchno-issledovatel'skiy institut kurortologii i fizioterapii. Referativnyy sbornik trudov. Tbilisi, 178, 1954.

DC 00000365 001

AUTHOR:

Goldblith, S. A.

TITLE:

Basic Principles of Microwaves and Recent Developments.

PUBLICATION:

Advances Food Res 15:277-301, 1966.

DC 00000367 001

AUTHOR:

Goldman, D. E.

TITLE:

Short Wave Electromagnetic Radiation as a Hazard to Personnel.

PUBLICATION:

Naval Med Res Inst, Bethesda, MD, 1960, AD252582.

DC 00000368 001

AUTHOR:

Golendberg, A. D.; Yvstifeyeva, M. I.; Glazunova, Ye. I.; Lyzhkova, A. Ye.; Ostryakova, A. N.

TITLE:

Our Experience with Microwave Therapy.

PUBLICATION:

Vop Kurort Fizioter 30(1):45-47, 1965, JPRS29914.

DC 00001071 001

AUTHOR:

Golysheva, K. P.

PUBLICATION:

Arkhh Pat Anat Patol Fiziol 5:5, 1939.

DC 00001072 001

AUTHOR:

Golysheva, K. P.

PUBLICATION:

Arkhh Pat Anat Patol Fiziol 7:2, 1941.

DC 00001073 001

AUTHOR:

Golysheva, K. P. and Gal'perin, S. I.

PUBLICATION:

Biull Eksp Biol Med 12(5-6), 1941.

DC 00000369 001

AUTHOR:

Golysheva, K. P. and Andriyasheva, N. M.

TITLE:

Influence of UHF on the Growth of White Mice.

PUBLICATION:

Biol Action of Ultrahigh Frequency (Ultrashort Waves), Collection, Moscow, 309-324, 1937.

DC 00001070 001

AUTHOR:

Golysheva, K. P.

PUBLICATION:

Arkhh Biol Nauk, 47:133, 1937.

DC 00000006 001

AUTHOR:

Goncharova, M. N.; Karanyshev, V. B., and Maksimenko, N. V.

TITLE:

Industrial Hygiene Problems of Working with VHF Transmitters Used in Television and Radio Broadcasting.

PUBLICATION:
Gig Tr Prof Zabol (7):10-13, 1966, ATD66125,JPBS38663.

DC 00000370 001

AUTHOR:
Goncharuk, E. M. and Pivovarov, M. A.

TITLE:
The Effect of UHF VHF Electromagnetic Field on the Motor Reactions of Man.

PUBLICATION:
3rd All Union Conf Radio Electr, Tezisy Dokladov, Moscow, 1964.

DC 00000371 001

AUTHOR:
Gordon, D. A.

TITLE:
Sensitivity of the Homing Pigeon to the Magnetic Field of the Earth.

PUBLICATION:
Science 108 (2817):710, 1948.

DC 00001074 001

AUTHOR:
Gordon, S. A. and Miller, J. S.

TITLE:
Growth and Development of Plants in Compensated Gravitational, Magnetic, and Electrical Fields, Interim Report.

PUBLICATION:
1962, NASAR46, N6311540.

DC 00000373 001

AUTHOR:
Gordon, Z. V.

TITLE:
Certain Problems of Labor Hygiene Related to the Influence of a UHF Field.

PUBLICATION:
Gig Tr Prof Zabol (6):14-18, 1957.

DC 00000062 001

AUTHOR:
Gordon, Z. V.

TITLE:
The Problem of the Biological Action of UHF.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:5-7, 1960, JPRS12471.

DC 00000374 001

AUTHOR:

Gordon, Z. V.

TITLE:

Problems of Labor Hygiene During Work with Centimeter Wave Generators.

PUBLICATION:

Zh Gig Epidemiologii, Mikrobiologii, Immunologii, Prague (1): 399-404, 1957.

DC 00000375 001

AUTHOR:

Gordon, Z. V.

TITLE:

All Union Scientific Conference on Problems of Industrial Hygiene and the Biological Action of Electromagnetic Waves.

PUBLICATION:

Vestn Akad Med Nauk SSSR 15(4):82-86, 1960, JPRS5275.

DC 00000376 001

AUTHOR:

Gordon, Z. V.

TITLE:

Results of a Comprehensive Study of the Biological Effects of Radio Frequency Electromagnetic Waves and the Outlook for Further Research.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, (2):3-9, 1964.

DC 00000377 001

AUTHOR:

Gordon, Z. V.

TITLE:

The Effect of Microwaves on Blood Pressure Level in Test Animals.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Field, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 57-60, 1964.

DC 00000380 001

AUTHOR:
Gordon, Z. V.

TITLE:
Radiofrequency Electromagnetic Fields as a Hygienic Factor.

PUBLICATION:
Gig Tr Prof Zabol (10):3-6, 1966.

DC 00000064 001

AUTHOR:
Gordon, Z. V.

TITLE:
Hygienic Evaluation of Working Conditions of Workers with UHF
Generators.

PUBLICATION:
The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet
and Z. V. Gordon, Institute of Industrial Hygiene and Occupational
Diseases, Academy of Medical Sciences, USSR, Moscow:22-25, 1960,
JPRS12471.

DC 00000379 001

AUTHOR:
Gordon, Z. V.

TITLE:
Problems of Industrial Hygiene and the Biological Effect of
Ultrahigh Frequency Electromagnetic Waves.

PUBLICATION:
Leningrad, Izd-vo Meditsina, 1-164, 1966.

DC 00000372 001

AUTHOR:
Gordon, Z. V.

TITLE:
Certain Data on the Action of Centimeter Waves.

PUBLICATION:
Gig Sanit (12):16-19, 1955.

DC 00000378 001

AUTHOR:
Gordon, Z. V.

TITLE:
Problems of Industrial Hygiene and of the Biological Effect
Produced by Radio Waves on Different Bands.

PUBLICATION:

Vestn Akad Med Nauk SSSR 19(7):42-49, 1964, JPRS27032.

DC 00000075 001

AUTHOR:

Gordon, Z. V.

TITLE:

Investigation of the Blood Pressure in Rats (Bloodless Method)
Under the Influence of UHF.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet
and Z. V. Gordon, Institute of Industrial Hygiene and Occupational
Diseases, Academy of Medical Sciences, USSR, Moscow:65-68, 1960,
JPRS12471.

DC 00000073 001

AUTHOR:

Gordon, Z. V. and Lobanova, Ye. A.

TITLE:

Temperature Reaction of Animals Under the Influence of UHF.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet
and Z. V. Gordon, Institute of Industrial Hygiene and Occupational
Diseases, Academy of Medical Sciences, USSR, Moscow:59-60, 1960,
JPRS12471.

DC 00000387 001

AUTHOR:

Gordon, Z. V. and Presman, A. S.

TITLE:

Prophylactic and Protective Measures in Work with Generator
Centimeter Waves.

PUBLICATION:

Bureau of Tech Info, Ministry of the Radioengineering Industry,
Collection, Moscow (1):14, 1956.

DC 00000386 001

AUTHOR:

Gordon, Z. V. and Presman, A. S.

TITLE:

Certain Data on the Action of Centimeter Waves (Experimental
Investigations).

PUBLICATION:

Gig Sanit (12):16-18, 1955.

DC 00000388 001

AUTHOR:

Gordon, Z. V. and Yeliseyev, V. V.

TITLE:

Devices for Protecting Against Superhigh Frequency Radiation and Their Effectiveness.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Field, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 151-157, 1964.

DC 00000384 001

AUTHOR:

Gordon, Z. V.; Lobanova, Ye. A.; Kitsovskaya, I.; Tolgskaya, M.

TITLE:

Biological Effect of Microwaves of Low Intensity.

PUBLICATION:

Med Electr Biol Eng 1(1):67-69, 1963.

DC 00000382 001

AUTHOR:

Gordon, Z. V.; Lobanova, Ye. A.; Kitsovskaya, I. A.; Nikogosyan, S. V.; Tomaskaya, M. S.

TITLE:

Data on the Biological Effect of Microwaves of Various Ranges.

PUBLICATION:

Works of the 2nd All Union Conf on the Use of Radio Electronics in Biol and Med, 20, 1962.

DC 00000385 001

AUTHOR:

Gordon, Z. V.; Lobanova, Ye. .; Tolgskaya, M. S.

TITLE:

Some Data on the Effects of Microwaves.

PUBLICATION:

Gig Sanit (12):16-18, 1955, ATD Abstr.

DC 00000383 001

AUTHOR:

Gordon, Z. V.; Kitsovskaya, I. A.; Tolgskaya, M. S.; Letavet, A. A.

TITLE:

Biological Effects of Microwaves of Small Intensity, I (Athermal Aspects).

PUBLICATION:

Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N. Y., 154, July 1961.

DC 00001075 001

AUTHOR:

Gordon, Z. V.; Tolgskaya, M. S.; Aleksandrova, L. S.

PUBLICATION:

Industrial Hygiene and the Biological Effect of Radiofrequency Magnetic Fields, Moscow, 23, 1963.

DC 00000381 001

AUTHOR:

Gordon, Z. V., et al.

TITLE:

Morphological Changes in Animals Under the Action of Ultrahigh Frequencies.

PUBLICATION:

Thesis of Reports to the Jubilee Sci Session of the Inst of Labor Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 1957.

DC 00000391 001

AUTHOR:

Gorodetskaya, S. F.

TITLE:

Morphological Changes in Internal Organs of Animals Produced by the Action of Centimeter Waves on the Organism.

PUBLICATION:

Fiziol Zh (Kiev) 8(3):390-396, 1962.

DC 00000389 001

AUTHOR:

Gorodetskaya, S. F.

TITLE:

On the Effect of Centimeter Band Radio Waves on Higher Nervous Activity and the Hematogenic and Reproductive Organs.

PUBLICATION:

Fiziol Zh (Kiev) 6(5):622-629, 1960, JPRS7797.

DC 00000396 001

AUTHOR:

Gorodetskaya, S. F.

TITLE:

Effect of an Ultrahigh Frequency Field and Convectional Heat on the Estrual Cycle in Mice.

PUBLICATION:

Fiziol Zh (Kiev) 10(4):494-499, 1964, JPRS26990.

DC 00000390 001

AUTHOR:

Gorodetskaya, S. P.

TITLE:

Effect of 3 cm Radiowaves on Adrenocortico Function.

PUBLICATION:

Fiziol Zh (Kiev) 7(5):672-675, 1961.

DC 00000393 001

AUTHOR:

Gorodetskaya, S. P.

TITLE:

Effect of a Superhigh Electromagnetic Field on the Reproduction, Composition of Peripheral Blood, Conditioned Reflex Activity, and Morphology of the Internal Organs of White Mice.

PUBLICATION:

Biological Action of Ultrasound and Superhigh Frequency Electromagnetic Oscillations, ed. A. A. Gorodetskiy, Acad Sci, UkSSR, Inst Physiol imeni A. A. Bogomolets, Kiev, 80-91, 1964, JPRS30860.

DC 00000394 001

AUTHOR:

Gorodetskaya, S. P.

TITLE:

Characteristics of the Biological Effect of 300cm Radio Waves on Animals.

PUBLICATION:

t Problems of the Biophysics and Mode of Action of Ionizing Radiation, Kiev, Zdorov'ya, 70-74, 1964, JPRS34963.

DC 00000397 001

AUTHOR:

Gorodetskaya, S. P. and Kerova, N. I.

TITLE:

Changes in Some Functional and Biochemical Criteria in Animal Testicles Under Effect of Three Centimeter Radio Waves.

PUBLICATION:

Fiziol Zh (Kiev) 12:246-253, 1966.

DC 00000392 001

AUTHOR:

Gorodetskaya, S. P.

TITLE:

The Effect of Centimeter Radio Waves on Mouse Fertility.

PUBLICATION:

Fiziol Zh (Kiev) 9(3):394-395, 1963, JPRS21200.

DC 00000395 001

AUTHOR:

Gorodetskaya, S. P.

TITLE:

Effects of an SHF Electromagnetic Field on Reproduction, Peripheral Blood Composition, Conditioned Reflex Activity, and Morphology of Internal Organs of White Mice.

PUBLICATION:

Biological Action of Ultrasound and Superhigh Frequency Electromagnetic Oscillations, ed. A. A. Gorodetskiy, Acad Sci UkSSR, Inst Physiol imeni A. A. Bogomolets, Kiev, 80-91, 1964, JPRS30860, AT05658.

DC 00001051 001

AUTHOR:

Gorodetskiy, A. A. (ed.)

TITLE:

Biological Action of Ultrasound and Superhigh Frequency Electromagnetic Oscillations.

PUBLICATION:

Acad Sci, UkSSR Inst Physiol imeni A. A. Bogomolets, Kiev, 1964, JPRS30860.

DC 00000398 001

AUTHOR:

Gorodetskiy, A. A.; Yevdokimov, I. R.; Kolesni, V. M.; Shevko, G. N.

PUBLICATION:

Fiziol Zh 13(2):230-233, 1967.

DC 00000400 001

AUTHOR:

Gorshenina, T. I.

TITLE:

Changes Induced by Alternating Electromagnetic Field in Lungs.

PUBLICATION:

Materials 1st Sci Conf Central Sci Research Lab, Tomsk, 1964.

DC 00000399 001

AUTHOR:

Gorshenina, T. I.

TITLE:

Early Morphological Changes After Exposure to Electromagnetic Field in Experiments.

PUBLICATION:

Materially Teoreticheskoy i klinicheskoy meditsiny (Tomsk) (2), 1963.

DC 00000401 001

AUTHOR:

Gorski, S.; Kwasniewska-Blaszczyk, M.; Mackiewicz, S.

TITLE:

Isotope Evaluation of the Effect of Microwaves on Capillary Circulation in Muscles of the Extremities.

PUBLICATION:

Pol Tyg Lek 22:940-943, 1967.

DC 00000403 001

AUTHOR:

Granberry, W. M. and Janes, J. M.

TITLE:

The Lack of Effect of Microwave Diathermy on Rate of Growth of Bone of the Growing Dog.

PUBLICATION:

J Bone Joint Surg (Amer) 45A:773-7, June 1963.

DC 00000402 001

AUTHOR:

Granovskaya, R. M.

TITLE:

The Problem of Electromagnetic Brain Fields.

PUBLICATION:

Leningr Obshchestva Yestestvoispytateley 72(1), 1961.

DC 00000404 001

AUTHOR:

Griffin, D. R.; Mccue, J. J. G.; Grinnell, A. D.

TITLE:

The Resistance of Bats to Jamming.

PUBLICATION:

Harvard Univ, Cambridge, Mass, MONR186612AP19628500, 1962, AD296493.

DC 00001076 001

AUTHOR:

Grigor'yeva, T. A.

PUBLICATION:

Biol Effects UHF, Symposium, Moscow, 137, 1947.

DC 00000405 001

AUTHOR:

Grinbarg, A. G.

TITLE:

UHF Therapy in Certain Affections of the Peripheral Nervous System.

PUBLICATION:

Kazan Med Zh 40:63-65, 1959.

DC 00000406 001

AUTHOR:

Grishina, K. F.

TITLE:

The Importance of Certain Points of Method in the Local Response of Tissues to Centimeter Waves.

PUBLICATION:

Biofizika 33(3):358-362, 1958.

DC 00001077 001

AUTHOR:

Grishina, K. F. and Komarova, A. A.

TITLE:

The Techniques and Methods of Conducting Physiotherapeutic Procedures.

PUBLICATION:

Tekhnika i Metodika Provedeniya Fizioterapevticheskikh Protsedur, Leningrad, 101-106, 115-118, 126-134, 160-169, 176-182, 183-191, 192-202, 317-320, 1963, JPRS21725, OTS6341061, N6410050.

DC 00000407 001

AUTHOR:

Grisko, P. I.

TITLE:

The Effects of an Ultrahigh Electromagnetic Field on the Reflex Activity of the Spinal Cord with Different Calcium and Potassium Concentrations.

PUBLICATION:

t Fiziol Zh (Kiev) 5(1):31-38, 1959.

DC 00000408 001

AUTHOR:

Grynbaum, B.; Megibow, R.; Bierman, W.

TITLE:

The Effect of Short Wave Diathermy Upon the Digital Circulation as Determined by Microplethysmography.

PUBLICATION:

Arch Phys Med 31:629-631, 1950.

DC 00000409 001

AUTHOR:

Guehlberger, M.

TITLE:

Changes in Renal Function Produced by Short Wave Irradiation of Kidneys.

PUBLICATION:

z Malovet Med Acta 12:173-183, 1945.

DC 00000410 001

AUTHOR:

Gulyayev, P. I.

TITLE:

Maximum Energy Absorptions in a High Frequency Field.

PUBLICATION:

Trans 1st Conf Problems Appli of Shortwaves and Microwaves in Med Medgiz, 1940.

DC 00000413 001

AUTHOR:

Gunn, S. A.; Gould, T.; Anderson, W. A. D.

TITLE:

The Effect of Microwave Radiation (24KMC) on the Male Endocrine System of the Rat.

PUBLICATION:

Proc 4th Ann Tri-Service Conf Biol Effects of Microwave Radiation, ed. M. F. Peyton, Plenum Press, N. Y., 99-115, 1961, AD244867.

DC 00000411 001

AUTHOR:

Gunn, S. A.; Gould, T. C.; Anderson, W. A.

TITLE:

The Effect of Microwave Radiation on Morphology and Function of Rat Testis.

PUBLICATION:

Lab Invest 10:301-14, 1961.

DC 00000412 001

AUTHOR:

Gunn, S. A.; Gould, T. C.; Anderson, W. A. D.

TITLE:

The Effect of Microwave Radiation on Morphology and Function of Rat Testis.

PUBLICATION:

Annual Report (Dec 31, 1959) of Microwave Radiation Research at the University of Miami, Coral Gables, Florida, Rome Air Devel Cent, Air Res Devel Command, Griffiss AFB, N. Y., 42-51, 1959, AD232925.

DC 00000414 001

AUTHOR:

Gunter, R., et al.

TITLE:

Some Effects of Diathermy Cauterization on Eye Tissues.

PUBLICATION:

Arch Ophthalmol 60:437-442, 1958.

DC 00000029 001

AUTHOR:

Gur'yev, V. M.

TITLE:

Diencephalic Disorders in Persons Exposed to the Protracted Effect of a SHF Electromagnetic Field.

PUBLICATION:

Work Fitness Expertise and Work Arrangements in Nervous Mental Diseases, ed. P. A. Makkaveyskiy 18, Works of the Leningrad Scientific Research Institute of Work Fitness Expertise and Occupational Guidance of the Disabled Ministry of Social Security RSFSR (18):121-127, 1965.

DC 00000008 001

AUTHOR:

Gvozdikova, Z. M.; Anan'yev, V. M.; Zenina, I. N., and Zak, V. I.

TITLE:

Sensitivity of the Rabbit Central Nervous System to a Continuous UHF Electromagnetic Field.

PUBLICATION:

Biull Eksp Biol Med 29(8):63-68, 1964, A6580801, N6432782.

DC 00001078 001

AUTHOR:

Gvozdikova, Z. M.; Anan'yev, V. M.; Zenina, I. N.; Zak, V. I.

TITLE:

The Sensitivity of the Central Nervous System of Rabbits to a Constant SHF Electromagnetic Field.

PUBLICATION:

Biull Eksp Biol Med 57(8):63, 1964.

DC 00000415 001

AUTHOR:

Gvozdikova, Z. M.; Anan'yev, V. M.; Zenina, I. N.; Zak, V. I.

TITLE:

The effect of D-C SHF UHF Electromagnetic Fields on the Central Nervous System.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 20-25, 1964.

DC 00000416 001

AUTHOR:

Haduch, S.; Czerski, P.; Baranski, S.

TITLE:

Biological Effects of CM and DM Waves.

PUBLICATION:

Lekarz Wojtkowy 36(8):792-803, 1960, AD270774.

DC 00000417 001

AUTHOR:

Haggis and Buchanan.

TITLE:

Estimation of Protein Hydration by Dielectric Measurements at Microwave Frequencies.

PUBLICATION:

Nature (London), 167, 1951.

DC 00001079 001

AUTHOR:

Haines, Jr., G. F. and Hatch, T.

TITLE:

Industrial Heat Exposures, Evaluation and Control.

PUBLICATION:

Heating and Ventilating, November, 1952.

DC 00000418 001

AUTHOR:

Halphen, A. and Auclair, J.

TITLE:

A New Form of D'arsonvalization, the Short Waves.

PUBLICATION:

Arch Phys Ther 14:69-71, 1933.

DC 00000419 001

AUTHOR:

Hamer, J. R.

TITLE:

Effects of Low Level, Low Frequency Electric Fields on Human Reaction Time.

PUBLICATION:

Space Biol Lab, BRI, Univ Calif, L. A., Calif, AP496381387 and NSG23762 and OADA1767C7124, N6816115.

DC 00000432 001

AUTHOR:

Handler, E. and Hardy, J. D.

TITLE:

Microwave Heating of the Human Skin.

PUBLICATION:

Fed Proc 20(1pt.1):401, 1961.

DC 00000431 001

AUTHOR:

Handler, E., Hardy, J. D.

TITLE:

Heating of Human Skin by Microwave Radiation.

PUBLICATION:

Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N.Y., 192, July, 1961.

DC 00000421 001

AUTHOR:

Hansen, R. C.; Bailin, L. L.

TITLE:

A New Method of Near Field Analysis.

PUBLICATION:

Presented at URSI-IRE Symposium on Electromagnetic Theory. Toronto, Canada, July 15-20, 1959.

DC 00000422 001

AUTHOR:

Hardy, J. D.

TITLE:

Physiological Effects of Heating the Skin With Microwave and Infrared Radiation, Bibliography.

PUBLICATION:

Univ Penn Phil Moore School, MONR55112, 1961, AD615472.

DC 00000423 001

AUTHOR:

Hartman, F. W.

TITLE:

The Pathology of Hyperpyrexia.

PUBLICATION:

Proc 2nd Ann Tri-Service Conf Biol Effects Microwave Energy, eds. G. G. Pattishall and F. W. Banghart, 1958, AD131477.

DC 00000424 001

AUTHOR:

Healer, J. and Smiley, R.

TITLE:

Bibliography on Biological Effects of Microwave Radiation. A Sampling of the World Literature.

PUBLICATION:

Allied Research Associates, Inc, Concord, Mass., ARA31931, Contract No. DAO1021AMC14183(z), ARPA Order No. 797, April 4, 1967.

DC 00000425 001

AUTHOR:

Hearn, G. E.

TITLE:

Effects of UHF Radio Fields on Visual Acuity and Critical Flicker Fusion in the Albino Rat.

PUBLICATION:

Dissertation, Baylor Univ, 1965.

DC 00000426 001

AUTHOR:

Hearn, G. E. and Thompson, W. D.

TITLE:

Effects of UHF Radio Fields on Critical Flicker Fusion in the Albino Rat.

PUBLICATION:

In preparation, Baylor Univ, 1968.

DC 00000427 001

AUTHOR:

Hearon, J. Z.

TITLE:

Some Mathematical Considerations.

PUBLICATION:

IEEE Trans Biomed Engin 11:135-137, 1964.

DC 00000428 001

AUTHOR:

Hedenius, P.; Odeblad, E.; Wahlstrom, L.

TITLE:

Some Preliminary Investigations on the Therapeutic Effect of Pulsed Short Waves in Intermittent Claudication.

PUBLICATION:

Curr Ther Res 8:317-321, 1966.

DC 00000429 001

AUTHOR:

Heller, J. H. and Mickey, G. H.

TITLE:

Non Thermal Effects of Radio Frequency in Biological Systems.

PUBLICATION:

Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), N. Y., ed. P. L. Frommer, 152, July, 1961.

DC 00000050 001

AUTHOR:

Heller, J. H. and Teixeira-Pinto, A. A.

TITLE:

A New Physical Method of Creating Chromosomal Aberrations.

PUBLICATION:

Nature (London) 183(4665):905-906, 1959.

DC 00000430 001

AUTHOR:

Hendler, E. and Hardy, J. D.

TITLE:

Infrared and Microwave Effects on Skin Heating and Temperature Sensation.

PUBLICATION:

IRE Trans Med Electr ME7:143-52, 1960, AD249749.

DC 00000433 001

AUTHOR:

Henry, J. P.

TITLE:

Biomedical Aspects of Space Flight.

PUBLICATION:

Holt, Rinehart and Winston, Inc, N.Y., 1966.

DC 00000435 001

AUTHOR:

Herrick, J. F.

TITLE:

Pearl Chain Formation.

PUBLICATION:

Proc 2nd Tri-Service Conf Biol Effects Microwave Energy, eds. G. G. Pattishall and F. W. Banghart, 88-96, 1958, AD131477.

DC 00000434 001

AUTHOR:

Herrick, J. F.

TITLE:

Application of Microwaves in Physical Medicine.

PUBLICATION:

IRE Nat Conv, N.Y., 1952.

DC 00000438 001

AUTHOR:

Herrick, J. F. and Krusen, F.

TITLE:

Problems Which are Challenging Investigators in Medicine.

PUBLICATION:

IRE Trans Med Electr 40:10, 1956.

DC 00000440 001

AUTHOR:

Herrick, J. F. and Parker.

TITLE:

Bilateral Lenticular Opacities Occuring in a Technician Operating a Microwave Generator.

PUBLICATION:

Arch Industr Hyg Occup Med.

DC 00000437 001

AUTHOR:
Herrick, J. F. and Krusen, F.

TITLE:
Certain Physiologic and Pathologic Effects of Microwaves.

PUBLICATION:
Elect Eng 72:239-244, 1953.

DC 00000436 001

AUTHOR:
Herrick, J. F.; Jelatis, D.; Lee, G.

TITLE:
Dielectric Properties Tissues Important in Microwave Diathermy.

PUBLICATION:
Fed Proc 9:60, 1950.

DC 00000439 001

AUTHOR:
Herrick, J. F.; Martin, G.; Krusen, F.; Wakin, K.

TITLE:
Physical Medicine Diathermy, Microwave.

PUBLICATION:
Med Phys 2, 1950.

DC 00000441 001

AUTHOR:
Higier, J. and Baranska, W.

TITLE:
Examination of the Genital Organs and Studies of the Menstrual Cycle in Women Working in the Field of Microwave Radiation.

PUBLICATION:
Wiad Lek 20:1435-1438, 1967.

DC 00000442 001

AUTHOR:
Hilger, J. A.; Boies, L. R.; Roth, M. A.

TITLE:
Percutaneous Recording of Cochlear Microphonics in Cats.

PUBLICATION:
Arch Otolaryng (Chicago) 82:591-593, 1965.

DC 00000444 001

AUTHOR:

Hines, H. M. and Randal, J. E.

TITLE:

Possible Industrial Hazards in the Use of Microwave Radiation.

PUBLICATION:

Electr Eng 71:879-881, 1952.

DC 00000443 001

AUTHOR:

Hines, H. M.; Imig, C. J.; Thomason, J. D.

TITLE:

Testicular Degeneration as a Result of Microwave Radiation.

PUBLICATION:

Proc Soc Exp Biol Med 69:382-386, 1948.

DC 00000446 001

AUTHOR:

Hirsch, F. C.

TITLE:

The Use of Biological Stimulants in Estimating the Dose of Microwave Energy.

PUBLICATION:

IRE Trans Med Electr 4:22-25, 1956.

DC 00000445 001

AUTHOR:

Hirsch, F. G.

TITLE:

Microwave Cataracts.

PUBLICATION:

NASE Conf on Indust Health, Cincinnati, Ohio 25 April 1952.

DC 00000447 001

AUTHOR:

Hirsch, F. G. and Parker, J. T.

TITLE:

Bilateral Lenticular Opacities Occurring in Technician Operating a Microwave Irradiation.

PUBLICATION:

Arch Indust Hyg Occup Med 6(6):512-517, 1952.

DC 00000448 001

AUTHOR:
Hoeft, L. O.

TITLE:
Microwave Heating: A Study of the Critical Exposure Variables for
Man and Experimental Animals.

PUBLICATION:
Aerospace Med 36(7):621-622, 1965, AD624036.

DC 00000449 001

AUTHOR:
Hollis, J. S.

TITLE:
Antenna Measurements.

PUBLICATION:
Microwave J 3:3-22, 1960.

DC 00000450 001

AUTHOR:
Hopkins, A. L.

TITLE:
Radio Frequency Spectroscopy of Frozen Biological Material:
Dielectric Heating and the Study of Bound Water.

PUBLICATION:
Ann NY Acad Sci 85, 1960.

DC 00000451 001

AUTHOR:
Hornowski, J.

TITLE:
Case of Skin Burns by Microwaves.

PUBLICATION:
Pol Tyg Lek 20:1906-1907, 1965.

DC 00000452 001

AUTHOR:
Hornowski, J.; Marks, E.; Chaurko, E.

TITLE:
Studies on the Pathogenic Effect of Microwaves in Men.

PUBLICATION:
Med Pracy 17:213-217, 1966.

DC 00000454 001

AUTHOR:

Horvath, S.; Miller, R.; Hutt, B.

TITLE:

Heating of Humal Muscle Tissue by Microwaves.

PUBLICATION:

Fed Proc 7:58-61, 1948.

DC 00000453 001

AUTHOR:

Horvath, S.; Miller, R.; Hutt, B.

TITLE:

Heating of Human Tissues by Microwave Radiation.

PUBLICATION:

Amer J Med Sci 216:430-436, 1948.

DC 00000456 001

AUTHOR:

Howland, J. W. and Michaelson, S.

TITLE:

The Effect of Microwave on the Biological Response to Ionizing Radiation.

PUBLICATION:

Industr Med Surg 33:500, 1964.

DC 00000455 001

AUTHOR:

Howland, J. W. and Michaelson, S.

TITLE:

Studies on the Biological Effects of Microwave Irradiation of the Dog and Rabbit.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 191-238, 1959, BADCTR59140, AD234788.

DC 00000457 001

AUTHOR:

Howland, J. W.; Michaelson, S. M.; Thomson, R. A.; Mergagen, H.

TITLE:

The Effect of Microwaves on the Response to Ionizing Radiation.

PUBLICATION:

1962, AD274338.

DC 00000458 001

AUTHOR:

Howland, J.; Thomson, R.; Michaelson, S.

TITLE:

Biomedical Aspects of Microwave Irradiation of Mammals.

PUBLICATION:

Proc 4th Ann Tri-Service Conf Biol Effects Microwave Radiation,
ed. M. P. Peyton, Plenum Press, N.Y. 261-284, 1961, AD244867.

DC 00000459 001

AUTHOR:

Huber.

TITLE:

Bedside Ultrashort Wave Treatment.

PUBLICATION:

Munchen Med Wschr 92:37-38, 1950.

DC 00000460 001

AUTHOR:

Hull, A.; Tizard, H.; Leden, U.

TITLE:

Preliminary Studies on the Healing and Circulatory Effects of
Microwaves, Radar.

PUBLICATION:

Brit J Phys Med 10:177-184, 1947.

DC 00000461 001

AUTHOR:

Hutt, B.; Moore, J.; Colonna, P.; Horvath, S.

TITLE:

Influence of Microwave Irradiation on Body Temp in Dog and Man.

PUBLICATION:

Amer J Phys Med.

DC 00000462 001

AUTHOR:

Huzl, P.; Klinkova-Deutschova, E.; Jankova, J.; Mainerova, J.;
Salemanova, Z.; Schwartzova, K.; Suchanova, L.; Sykora, J.

TITLE:

Examination of Workers Exposed to Electromagnetic Waves One Meter
and Longer in the West Bohemia Region.

PUBLICATION:

Prac Lek 18(3):100-108, 1966, ATD Abstr.

DC 00001080 001

AUTHOR:

Iatsenko, M. I. and Mechnikor, I. I.

TITLE:

Effect of Microwaves on the Absorptive Capacity of the Synovial Membrane of the Knee Joint Under Conditions of Severing of the Spinal Cord.

PUBLICATION:

Fiziol Zh 11:516-519, 1965, A6980371, PHSNB0505905, A6680122.

DC 00000464 001

AUTHOR:

Iatsenko, M. I.

TITLE:

The Absorption Capacity of the Knee Joint Following Severance of the Femoral and Sciatic Nerves and Under the Effect of Microwaves.

PUBLICATION:

Vop Kurort Fizioter 31:446-448, 1966.

DC 00000463 001

AUTHOR:

Iatsenko, M. I.

TITLE:

Effect of Microwaves on the Absorptive Capacity of the Knee Joint Under the Effect of Atropine and Carbocholine.

PUBLICATION:

Fiziol Zh (Kiev) 12:377-381, 1966.

DC 00000465 001

AUTHOR:

Iberall, A. S.

TITLE:

Human Body as an Inconstant Heat Source and its Relation to Clothes Insulation.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 136-160, 1959, RADCTR59140, AD234788.

DC 00001081 001

AUTHOR:

Ikeda, H.

TITLE:
Studies on Biological Effects of Microwave Radiation (Second Report) Investigation of Shielding Effect of Concrete, Luan and Glass Against Microwave Radiation.

PUBLICATION:
Nippon Acta Radiol, 26, 284-288, 1966, A6781094.

DC 00000466 001

AUTHOR:
Ill'in, B. I. and Korolev, V. G.

TITLE:
Treatment of Pedal Hyperhydrosis with a UHF Electric Field.

PUBLICATION:
Vop Kurort Fizioter 29(20):172, 1964, JPBS25121.

DC 00000467 001

AUTHOR:
Imig, C. J. and Searle, G. W.

TITLE:
Report of Research in Progress.

PUBLICATION:
Proc 2nd Ann Tri-Service Conf Biol Effects Microwave Energy, ed. G. G. Pattishall and P. W. Banghart, 242-253, 1958, AD131477.

DC 00000468 001

AUTHOR:
Imig, C. J. and Searle, G. W.

TITLE:
Studies on Organisms Exposed to 2450 MC-CW Microwave Irradiation.

PUBLICATION:
Rome Air Dev Cent GAFN, N.Y., AF41657113, 1961, AD287160.

DC 00000469 001

AUTHOR:
Imig, C. J.; Thomson, J. D.; Mines, H. M.

TITLE:
Testicular Degeneration as a Result of Microwave Irradiation.

PUBLICATION:
Pro Soc Exp Biol Med 69:382-386, 1948.

DC 00000470 001

AUTHOR:
Ingalls, C. E.

TITLE:
Sensation of Hearing Electromagnetic Fields.

PUBLICATION:
New York J Med, 2992-2997, Nov 1967.

DC 00000471 001

AUTHOR:
Ingram, D. and Bennett, J.

TITLE:
Paramagnetic Resonance in Activated Carbon.

PUBLICATION:
Phil Mag 45:545, 1954.

DC 00000472 001

AUTHOR:
Ismailov, E. Sh.

TITLE:
Effect of Microwaves on Opalina Ranarum.

PUBLICATION:
Vestn Leningr Univ (Biol) 2(9):147-149, 1966.

DC 00001039 001

AUTHOR:
Ivanov-Muronskiy, K. A. and Lukhachev, A. I.

TITLE:
Influence of Constant Magnetic Field on Blood and Central Nervous System of Man and Animals.

PUBLICATION:
Certain Problems of Biocybernetics, the Use of Electronics in Biology and in Medicine (1):92-100, Akad Nauk UkrSSR, Kiev, 1967, FTDMT2429167, AD678472, Machine Translation.

DC 00000473 001

AUTHOR:
Ivanov, A. I.

TITLE:
Changes of Phagocytic Activity and Mobility of Neutrophils Under the Influence of SHF UHF Fields.

PUBLICATION:
Questions of Biological Activity of SHF Electromagnetic Fields, VMOA, Leningrad, imeni S. M. Korov, 24-26, 1962.

DC 00000677 001

AUTHOR:
Jacobson, B. S.; Prausnitz, S. B.; Susskind, C.

TITLE:
Investigation of Thermal Balance in Mammals by Means of Microwave Radiation.

PUBLICATION:
IRE Trans Med Electr, 1959.

DC 00000678 001

AUTHOR:
Jasik, H.

TITLE:
Antenna Engineering Handbook.

PUBLICATION:
McGraw Hill Book Co, Inc, N.Y., 1961.

DC 00000679 001

AUTHOR:
Jaski, T.

TITLE:
Radio Waves and Life.

PUBLICATION:
Radio Electr 9:43-45, 1960.

DC 00000680 001

AUTHOR:
Jaski, T. and Susskind, C.

TITLE:
Electromagnetic Radiation as a Tool in the Life Sciences.

PUBLICATION:
Science 133(3451):443-447, 1961.

DC 00000681 001

AUTHOR:
Jonas, H.

TITLE:
Some Effects of Very High Radio Frequency Irradiation on the Germination and Metabolism of Certain Small Seeds.

PUBLICATION:
Thesis, Univ Calif, 1950.

DC 00000682 001

AUTHOR:
Jones, I. A.

TITLE:
Human Detection of UHF Energy.

PUBLICATION:
Master's Thesis, Baylor Univ, Texas, 1966.

DC 00000683 001

AUTHOR:
Justesen, D. R.; Pendleton, R. B.; Porter, P. B.

TITLE:
Effects of Hyperthermia on Activity and Learning.

PUBLICATION:
Psychol Rep 9:99-102, 1961.

DC 00000474 001

AUTHOR:
Kachkovskiy, M. A.

TITLE:
Reactivity of Skin Capillaries and Their Changes Under the Influence of a UHF Field.

PUBLICATION:
Leningrad. Respublikanskiy nauchno-issledovatel'skiy kozhno-venerologicheskii institut. Eksperimental'nyye i klinicheskiye issledovaniya (9):78, 1952.

DC 00001082 001

AUTHOR:
Kahn, E. H.; Nelson, W.; Tonberg, V.; Puller, G.

TITLE:
A Bionstrumentation Approach to Interacting Environments.

PUBLICATION:
Biomed Sci Instru 1:199-216, 1963.

DC 00000476 001

AUTHOR:
Kalant, H.

TITLE:
Physiologic Hazards at Microwave Radiation, Survey of Published Literature.

PUBLICATION:
Canad Med Ass J 81:575-582, 1959.

DC 00000477 001

AUTHOR:
Kalyada, T. B.

TITLE:
Physiological Shifts in Work with High Frequency Em Fields.

PUBLICATION:
Gig Tr Biol Deystviye Elektricheskikh Voln Radiochastot, Tezisy
Dokladov, Moscow:35, 1959.

DC 00000475 001

AUTHOR:
Kalyada, T. V.

TITLE:
Temperature Sensitivity and Functional Mobility of Thermoreceptors
Under the Effect of Ultrahigh Frequency.

PUBLICATION:
Proc Sci Session Devoted to the 40th Anniversary of the Sci Res
Inst of Labor Hyg and Occup Diseases, Leningrad, 66-67, 1964, Abstr.

DC 00001083 001

AUTHOR:
Kalyada, T. V.; Kulikovskaya, Ye. L.; Osipov, Yu. A.

PUBLICATION:
Industrial Hygiene and the Biological Effect of Electromagnetic
Radiofrequency Waves, Subjects of Reports, Moscow, 35, 1959.

DC 00000004 001

AUTHOR:
Kamenskiy, Yu. I.

TITLE:
The Influence of Microwaves on the Functional Condition of the
Nerve.

PUBLICATION:
BIOFIZIKA 9(6):695-700, 1964, ATDT6539.

DC 00000478 001

AUTHOR:
Kapelovich, Yu. Ya.

TITLE:
The Effect of UHF on Heart Excitability.

PUBLICATION:
Biull Eksp Biol Med (3) (4):55-56, 1942.

DC 00000036 001

AUTHOR:
Kapitanenko, A. M.

TITLE:
Clinical Manifestations and Therapeutic Treatment During Chronic
Exposure to UHF.

PUBLICATION:
Voennomed Zh (10):19-23, 1964, ATDP6568.

DC 00000479 001

AUTHOR:
Karelin, O. N.

TITLE:
Some Protective Measures for Medical Personnel and Patients During the Operation of SHF Physiotherapy Apparatus.

PUBLICATION:
Gig Sanit (5):46-51, 1966.

DC 00000480 001

AUTHOR:
Karimdzhанov, A.

TITLE:
The Effect of UHF Field and Diathermy on the Permeability of Sanguiferous Capillaries.

PUBLICATION:
Med Zh Uzbekistana (7):32, 1959.

DC 00000481 001

AUTHOR:
Ka-binskiy, B. B.

TITLE:
Biological Radio Communication.

PUBLICATION:
Kiyev, 1962.

DC 00000482 001

AUTHOR:
Kekcheyev, K. Kh.; Anisimov, A. I.; Didenko, N. S.

TITLE:
Change of Sensitivity of the Visual Brain Centers Under the Action of SHF UHF Electric Field.

PUBLICATION:
Fizioter (2-3), 1941.

DC 00000483 001

AUTHOR:
Kemp, C.; Paul, W.; Hines, H.

TITLE:
Studies Concerning the Effect of Deep Tissue Heat on Blood Flow.

PUBLICATION:

Arch Phys Med 29:12-16, 1948.

DC 00000484 001

AUTHOR:

Keplinger, M. L.

TITLE:

Review of the Work Conducted at the University of Miami.

PUBLICATION:

Pro 2nd Tri-Service Conf Biol Effects of Microwave Energy, eds. E. G. Pattishall and F. W. Barnhart, 1:215-239, 1958.

DC 00000486 001

AUTHOR:

Keplinger, M. L. and Lampe, K. P.

TITLE:

Acute Effects of Microwave Radiation on Experimental Animals (24 000 megacycles).

PUBLICATION:

J Occup Med 1:369-381, 1959.

DC 00000485 001

AUTHOR:

Keplinger, M. L. and Bernal, E.

TITLE:

Relation of Interrupted Pulsed Microwaves to Biological Hazards.

PUBLICATION:

Industr Med Surg 28:212-218, 1959.

DC 00000487 001

AUTHOR:

Kerova, W. I.

TITLE:

The Effect of Superhigh Frequencies of an Electromagnetic Field on the Activity of Polynucleases and Content of Nucleic Acid.

PUBLICATION:

Biological Action of Ultrasound and Superhigh Frequency Electromagnetic Oscillations, ed. A. A. Gorodetskiy, Acad Sci UkSSR, Inst Physiol imeni A. A. Bogomolets, Kiev, 108-120, 1964, JPRS30860.

DC 00000059 001

AUTHOR:

Kevork'ian, A. A.

TITLE:

Industrial Hygiene Aspects of Pulsed SHF.

PUBLICATION:
Gig Sanit (4):26-30, 1948, ATDP6568.

DC 00000488 001

AUTHOR:
Kharchenko, N. S.

TITLE:
The Biological Effect of HF VHF Fields on the Higher Nervous Activity of Birds.

PUBLICATION:
Sborn Trudov Inst Fiziol pri Dnepropetrovskom (2):77-81, 1939.

DC 00000490 001

AUTHOR:
Khazan, G. L. and Goncharova, N. N.

TITLE:
The Effect of Fields Having Different Frequencies and Em Field Components on the Organism of Experimental Animals.

PUBLICATION:
Gig Tr Biol Deystviye Elektromagnitnykh Poley Radiochastot. Tezisy Dokladov, Moscow, 1959.

DC 00000489 001

AUTHOR:
Khazan, G. L. et al.

TITLE:
Problems of Labor Hygiene and the State of Health of Workers with High Frequency Currents.

PUBLICATION:
Thesis of Reports to the Jubilee Session of the Inst of Labor Hygiene and Occupational Diseases, Academy of Med Sci USSR, Dedicated to the 40th Anniversary of the Great October Socialist Revolution, Part 2, Moscow, 62-70, 1957.

DC 00000491 001

AUTHOR:
Khazan, G. L. et al.

TITLE:
Problems of Labor Hygiene and Occupational Pathology During Work With High Frequency Equipment.

PUBLICATION:
Fizicheskiya Faktory Vneshney Sredy, Moscow, 152-161, 1960.

DC 00000020 001

AUTHOR:
Khazan, G. L.; Goncharova, N. N., and Petrovskiy, V. S.

TITLE:
Certain Problems of Industrial Hygiene in Work with High Frequency
Currents.

PUBLICATION:
Gig Tr Prof Zabol 2(1):9-16, 1958, JPRS1474D.

DC 00001084 001

AUTHOR:
Khazer T. M.

PUBLICATION:
Trudy (4):25, 1940. Tr Nauchno-issledovatel'skiy Klinicheskiy Inst
4, 25, 1940.

DC 00000499 001

AUTHOR:
Kholodov, Yu. A.

TITLE:
Certain Features of the Physiological Effect of Electromagnetic
Fields as Evidenced by the Conditioned Reflex and EEG Methods.

PUBLICATION:
20th Conf on the Problems of High Nervous Activity, Moscow,
Leningrad, AN SSSR, 253, 1963.

DC 00000498 001

AUTHOR:
Kholodov, Yu. A.

TITLE:
The Effect of a CMF on the EEG of an Isolated Rabbit Brain.

PUBLICATION:
Electrophysiology of the Nervous System, Rostov-on-Don, 418, 1963.

DC 00000042 001

AUTHOR:
Kholodov, Yu. A.

TITLE:
The Effect of an Electromagnetic Field on the Central Nervous
System.

PUBLICATION:
Priroda (4):104-105, 1962, JPRS26990, FTDTT621107/1, ATDP6558.

DC 00000492 001

AUTHOR:
Kholodov, Yu. A.

TITLE:
The Effect of Pulsed SHF UHF Field on the Electric Activity of
Cortex of a Normal and Isolated Rabbit Brain.

PUBLICATION:

Questions of Biological Activity of SHF Electromagnetic Fields,
VMOLA, Leningrad, imeni S. M. Korov, 58, 1962.

DC 00000497 001

AUTHOR:

Kholodov, Yu. A.

TITLE:

Changes in the Cortical Electrical Activity of the Rabbit During
Exposure to an UHF Electromagnetic Field, Report II. The Direct
Action of the UHF Field on the Central Nervous System.

PUBLICATION:

Biull Eksp Biol Med 56(9):42-46, 1963.

DC 00000502 001

AUTHOR:

Kholodov, Yu. A.

TITLE:

The Magnetic Field as a Stimulus.

PUBLICATION:

Scientific Council on the Complex Problem of Cybernetics, AN SSSR,
Bionika, Moscow, Izd-vo Nauka, 278-289, 1965.

DC 00000504 001

AUTHOR:

Kholodov, Yu. A.

TITLE:

The Effect of Electromagnetic and Magnetic Fields on the Central
Nervous System.

PUBLICATION:

Academy of Sciences, USSR, Institute of Higher Nervous Activity
and Neurophysiology. Izdatel'stvo Nauka, Moscow, 1966, NASATTF465,
JPRS37102.

DC 00000510 001

AUTHOR:

Kholodov, Yu. A. and Zenina, M. M.

TITLE:

The Effect of Caffeine on EEG Reaction During the Action of Pulsed
SHF UHF Field Upon an Intact and an Isolated Brain of Rabbit.

PUBLICATION:

On the Biological Activity of Electromagnetic Fields in the Radio
Frequency, Moscow, 33, 1964.

DC 00000500 001

AUTHOR:
Kholodov, Yu. A.

TITLE:
Effects of Magnetic Field on Central Nervous System.

PUBLICATION:
Biological Effects of Magnetic Fields, Plenum Press, N.Y. , 196.
1964.

DC 00000503 001

AUTHOR:
Kholodov, Yu. A.

TITLE:
The Biological Effect of Magnetic Fields.

PUBLICATION:
Problems of Space Medicine, Moscow, 378-379, 1966, ATD66116.

DC 00000493 001

AUTHOR:
Kholodov, Yu. A.

TITLE:
The Formation of Conditioned Reflexes to a Magnetic Field in Fish.

PUBLICATION:
Tr Soveshchaniya po Fiziologii Ryb, Moscow, Izd-vo AN SSSR, 82,
1958.

DC 00000496 001

AUTHOR:
Kholodov, Yu. A.

TITLE:
The Role of Distant Receptors in the Electrical Reaction of
Cerebral Cortex in a Rabbit Exposed to HF VHF Fields.

PUBLICATION:
Materials All Union Sci Conf Exp Kurortology and Physiology,
Moscow, 399-402, 1962.

DC 00001085 001

AUTHOR:
Kholodov, Yu. A.

TITLE:
The Magnetic Field, an Unusual Stimulus.

PUBLICATION:
Nauka i Zhizn (7):78-80, 1961.

DC 00000501 001

AUTHOR:
Kholodov, Yu. A.

TITLE:
The Influence of an Ultrahigh Frequency Electromagnetic Field on the Electrical Activity of an Isolated Strip of Cerebral Cortex.

PUBLICATION:
Bull Eksp Biol Med 57(2):98-101, 1964, ATDP6568.

DC 00000505 001

AUTHOR:
Kholodov, Yu. A. and Akhmedov, K. B.

TITLE:
The Effect of Certain Physical Factors on the Sensitivity of Fish to a Constant Electric Current.

PUBLICATION:
Biologiya Belogo Morya. Tr Belomorskoy Biostantsii MGU, Moscow, Izd-vo MGU, 1:256, 1962.

DC 00000506 001

AUTHOR:
Kholodov, Yu. A. and Luk'yanova, S. N.

TITLE:
A Further Analysis of the Mechanism of the Effect of a CMF on the CNS.

PUBLICATION:
10th Congress of the All-Union Pavlov Physiological Society. Abstracts, Moscow, Leningrad Izd-vo, Nauka 2(2):378, 1964.

DC 00000508 001

AUTHOR:
Kholodov, Yu. A. and Verevkina, G. L.

TITLE:
The Effect of a Constant Magnetic Field on Conditioned Reflexed Saltwater Fish.

PUBLICATION:
Biologiya Belogo Morya. Tr Belomorskoy Biostantsii MGU, Moscow, Izd, MGU, 1:248, 1962.

DC 00000507 001

AUTHOR:
Kholodov, Yu. A. and Novitskiy, Yu. I.

TITLE:

Biological Effects of Magnetic Fields.

PUBLICATION:

Vestn Akad Nauk SSSR (12):87-89, 1966, ATD FSB 3(3), 1967.

DC 00000509 001

AUTHOR:

Kholodov, Yu. A. and Yanson, Z. A.

TITLE:

Changes in the Electrical Activity of the Rabbit's Cerebral Cortex Resulting from Exposure to a UHF Electromagnetic Field, Report I. The Effect of a UHF field on the Electroencephalogram of Intact Rabbits.

PUBLICATION:

Biull Eksp Biol Med 54(11):8-12, 1962.

DC 00000495 001

AUTHOR:

Kholovov, Yu. A.

TITLE:

A Physiological Analysis of the Effect of a Magnetic Field on Animals.

PUBLICATION:

Masters Dissertation, Moscow, 1959.

DC 00000511 001

AUTHOR:

Khvoles, G. Ya.; Bogutskiy, B. V.; Konko, A. P.

TITLE:

The Effect of Pulsed Low Frequency Field on the Blood Pressure, Respiration and Electric Brain Processes.

PUBLICATION:

Materials All Union Sci Conf Exp Kurortology and Physiotherapy, Moscow, 1962.

DC 00000512 001

AUTHOR:

Kien, K.

TITLE:

Effect of Presence of Metals in Tissues Subjected to Treatment.

PUBLICATION:

Arch Phys Med 28:345-347, 1947.

DC 00000513 001

AUTHOR:

King, D. D.

TITLE:

Measurements at Centimeter Wavelength.

PUBLICATION:

Boston Tech Pub, Cambridge, 327, 1965.

DC 00000514 001

AUTHOR:

Kinoshita, J. H.

TITLE:

Biochemical Changes in Microwave Cataracts.

PUBLICATION:

Docum Ophthal 20:91-103, 1966.

DC 00000516 001

AUTHOR:

Kitsovsckaya, I. A.

TITLE:

The Effect of Microwaves of Varying Intensity on the Blood and Hemopoietic Organs of White Rats.

PUBLICATION:

Gig Tr Prof Zabol (6);14-19, 1964, JPRS31047.

DC 00000515 001

AUTHOR:

Kitsovsckaya, I. A.

TITLE:

Investigation of the Interrelationships Between the Basic Neural Processes in Rats Under the Influence of UHF of Various Intensities.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institutz of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:75-80, 1960, JPRS12471.

DC 00000077 001

AUTHOR:

Kitsovsckaya, I. A.

TITLE:

Investigation of the Interrelationships Between the Basic Neural Processes in Rats Under the Influence of UHF of Various Intensities.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:75-80, 1960, JPRS12471.

DC 00000517 001

AUTHOR:

Klinkova-Deutschova, E.

TITLE:

The Effect of Electromagnetic Waves on the Nervous System: an Electroencephalographic Study.

PUBLICATION:

Int Arch Gewerbepath 20(1):1-10, 1963, Abstr.

DC 00000518 001

AUTHOR:

Knauf, G. M.

TITLE:

The Biological Effects of Microwave Radiation on Air Force Personnel.

PUBLICATION:

Arch Indust Health 17(1):48-52, 1958.

DC 00000521 001

AUTHOR:

Knauf, G. M.

TITLE:

Microwave Exposure and Missile Propellants as Occupational Health Problems.

PUBLICATION:

Amer J Public Health 50(3):364-367, 1960.

DC 00000519 001

AUTHOR:

Knauf, G. M.

TITLE:

Industrial Medical Problems in an Electronic Research Center.

PUBLICATION:

Arch Industr Health 17:383, 1958.

DC 00000520 001

AUTHOR:

Knauf, G. M.

TITLE:
The Biological Effects of Radar Energy, A Research Progress Report.

PUBLICATION:
Aerospace Med 31(3):225-228, 1960.

DC 00001086 001

AUTHOR:
Knauf, G. M. and Powers, T. E.

TITLE:
Microwave Field Intensity Measurements Survey

PUBLICATION:
Patrick AFB, Florida.

DC 00000522 001

AUTHOR:
Knoppe, K. G.

TITLE:
Parameters of UHF Fields Determining the Hygienic Evaluation of Working Conditions.

PUBLICATION:
The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institutz of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:11-21, 1960, JPRS 12471.

DC 00000523 001

AUTHOR:
Knoppe, K. G.

TITLE:
Parameters of UHF Fields Determining the Hygienic Evaluation of Working Conditions and the Problems of Their Measurement.

PUBLICATION:
Referativnyy Zh, Elektronika i Yeye primeneniye (3):7, 1963.

DC 00000063 001

AUTHOR:
Knorre, K. G.

TITLE:
Parameters of UHF Fields Determining the Hygienic Evaluation of Working Conditions and the Problems of Their Measurement.

PUBLICATION:
The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:11-21, 1960, JPRS 12471.

DC 00000524 001

AUTHOR:

Kocherga, D. O.

TITLE:

The Effect of SHF UHF Fields on Spinal Cord Functions.

PUBLICATION:

Sborn Rabot Inst Fiziol Pri Dneprovskom Gosudarstvenom Univ (3), 1940.

DC 00000526 001

AUTHOR:

Kogan, A. B. and Tkhonova, N. A.

TITLE:

The Effect of a Constant Magnetic Field on the Movement of Paramecia.

PUBLICATION:

Biofizika 10(2):292-296, 1965.

DC 00000525 001

AUTHOR:

Kogan, I. M.

TITLE:

A Practical Step.

PUBLICATION:

Zhanyiye-sila (1):51, 1966.

DC 00001087 001

AUTHOR:

Kokhanovich, M. P.

PUBLICATION:

Fizioter (3-4):47, 1941.

DC 00000028 001

AUTHOR:

Kolenik, P. A. (L. Col., Med. Services, Doctor of Med Sci.) and
Malyshev, V. M. (L. Col., Med Services, Candidate of Med Sci.).

TITLE:

Clinical Report of SHF Injuries.

PUBLICATION:

Voennomed Zh (4):21-23, 1967, ACSIJ2558.

DC 00000528 001

AUTHOR:

Kolesnik, P. A.; Malyshev, V. M.; Murashov, B. P.

TITLE:

The Disruption of the Endocrine System Under the Chronic Effect of a Superhigh Frequency Field.

PUBLICATION:

Voennomed Zh (7), 1967, ACSIJ3146.

DC 00000527 001

AUTHOR:

Kolesnik, P. A. and V. M. Malyshev.

TITLE:

Nomenclature of Disorders Caused by Electromagnetic Waves of Ultrahigh Frequency.

PUBLICATION:

Voennomed Zh (2):28-29, 1967, ACSIJ2103.

DC 00000529 001

AUTHOR:

Kolin, A.

TITLE:

Magnetic Field in Biology.

PUBLICATION:

Physics Today, 39-50, Nov 1968.

DC 00000530 001

AUTHOR:

Komarova, L. A.

TITLE:

Mechanism of Action of Superhigh Frequency Magnetic Fields (Microwaves).

PUBLICATION:

Vop Kurort Fiz oter (1):9-13, 1967.

DC 00000531 001

AUTHOR:

Konchalovskaya, N. M.; Khmara, S. M.; Glotova, K. V.

TITLE:

Effect of Exposure to Radiowaves of Various Bands on the Cardiovascular System.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, (2):114-118, 1964.

DC 00000532 001

AUTHOR:

Korbel, S. and Thompson, W. D.

TITLE:

Behavioral Effects of Stimulation by UHF Radio Fields.

PUBLICATION:

Psychol Rep 17:595-602, 1965.

DC 00000533 001

AUTHOR:

Korsun, G. S. and Mikhaylov, G. V.

TITLE:

Clinical and Physiological Evaluation of Personnel Working in Radar Installations.

PUBLICATION:

Voennoed Zh (9):32-36, 1956.

DC 00000534 001

AUTHOR:

Kottke, F.; Koz, D.; Kubicek, W.; Olson, M.

TITLE:

Deep Circulatory Response to Short Wave Diathermy and Microwave Diathermy in Man.

PUBLICATION:

Arch Phys Med 30:431-437, 1949.

DC 00000535 001

AUTHOR:

Kottke, F.; Kubicek, W.; Olson, M.

TITLE:

Studies of Deep Circulatory Response to Shortwave Diathermy and Microwave Diathermy in Man.

PUBLICATION:

Arch Phys Med 30, 1949.

DC 00000536 001

AUTHOR:

Kovacs, R.

TITLE:

Radar and Ultrasound in Therapy.

PUBLICATION:

Ann West Med Surg 5:199-200, 1951.

DC 00000537 001

AUTHOR:

Kowlowski, B.

TITLE:

Effect of Electromagnetic and Molecular Radiation on the Eye.

PUBLICATION:

Klin Oczna 37:413-418, 1967.

DC 00000538 001

AUTHOR:

Kozzako, T. M.

TITLE:

Effect of UHF on the Function of Denervated Kidneys in the Dog.

PUBLICATION:

Biull Eksp Biol Med (3) (4):57-58, 1942.

DC 00000540 001

AUTHOR:

Krusen, F.

TITLE:

New Microwave Diathermy Director for Heating Large Regions of the Human Body.

PUBLICATION:

Arch Phys Med 32:695-698, 1951.

DC 00000539 001

AUTHOR:

Krusen, F.

TITLE:

Medical Applications of Microwave Diathermy: Laboratory and Clinical Studies.

PUBLICATION:

Proc Roy Soc Med 43:641-658, 1950.

DC 00000541 001

AUTHOR:

Krusen, F.; Herrick, J.; Leden, W.; Wakin, K.

TITLE:

Preliminary Report of Experimental Studies of Heating Effect of Microwaves (radar) in Living Tissues.

PUBLICATION:

Proc Staff Meet Mayo Clin 22:209-234, 1947.

DC 00000542 001

AUTHOR:

Krustanov, L. and Goshev, Khr.

TITLE:

The Peripheral Blood Characteristics of Personnel Exposed to a Superhigh Frequency Electromagnetic Field.

PUBLICATION:

Voennomed Delo (4):41-46, 1966.

DC 00000545 001

AUTHOR:

Kul'vanovskiy, M. P. and Margolin, V. N.

TITLE:

A New Type of Wet Chamber and Electrodes for Recording the Biopotentials of a Nerve.

PUBLICATION:

Dokl Akad Nauk SSSR 10(7):513-514, 1966.

DC 00000543 001

AUTHOR:

Kulakova, V. V. (Senior Lab Tech).

TITLE:

Methods for Investigating Electrolyte Requirements and Their Content in Blood and Urine in Studying the Biological Effects of Microwaves.

PUBLICATION:

Konferentsiya Molodykh Nauchnykh Rabotnikov, Tezisy Dokladov, Moscow, 73-74, 1966, Abstr.

DC 00000546 001

AUTHOR:

Kulakova, V. V.

TITLE:

The Effect of Microwaves in the Centimeter and Decimeter Range on the General and Specialized Patterns of Appetite in Animals.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 70-74, 1964.

DC 00000544 001

AUTHOR:

Kulik, J. J.

TITLE:

Microwave Radiation Hazard to Aircraft Transiting Radio and Radar Beams.

PUBLICATION:

FAA Report 1963, AD435491.

DC 00000021 001

AUTHOR:

Kulin, Ye. T. and Morozov, Ye. I.

PUBLICATION:

Dokl Bolg Akad Nauk 8(5):329-331, 1964.

DC 00000086 001

AUTHOR:

Kulin, Ye. T.; Demidova, S. I. and Kasimenko, V. B.

TITLE:

Dependence of the Phagocytic Function of Paramecia on the Frequency and Strength of the Electromagnetic Field.

PUBLICATION:

Biofizika 13(1):81-85, 1968.

DC 00001088 001

AUTHOR:

Kursanov, A. L.

TITLE:

The Biological Effect of a Magnetic Field.

PUBLICATION:

Nauka i Zhizn' (7):85, 1961.

DC 00001089 001

AUTHOR:

Kurz, G. H. and Einaugler, R. B.

TITLE:

Cataract Secondary to Microwave Radiation.

PUBLICATION:

Amer J Ophthal 66:866-869, 1968, A6930371.

DC 00000547 001

AUTHOR:

Kussel, G.

TITLE:

Late Form of Electrical Cataract Case.

PUBLICATION:

Ophthalmologica (Basel), 177:299, 1949.

DC 00000548 001

AUTHOR:

Kylen, A. M., et al.

TITLE:

Microwave and Conventional Cooking of Meat.

PUBLICATION:

J Amer Diet Ass 45:139-45, 1964.

DC 00000598 001

AUTHOR:

Kyuntsel', A. A., and Karmilov, V. I.

TITLE:

The Problem Concerning the Effect of Electromagnetic Field on the Blood Coagulation Rate.

PUBLICATION:

Klin Med (Moskva) (24), 1947.

DC 00000549 001

AUTHOR:

Lacey, B. A.; Winner, H. I.; McLellan, M. Z.

TITLE:

Effects of Microwave Cookery on the Bacterial Counts of Food.

PUBLICATION:

J Appl Bact 28:331-335, 1965.

DC 00000550 001

AUTHOR:

LaPond, C. D.

TITLE:

Microwave Haz rds are Exaggerated.

PUBLICATION:

Missiles and Rockets, 14 Dec 1959.

DC 00000551 001

AUTHOR:

Laird, E. and Ferguson, K.

TITLE:

Dielectric Properties of Some Animal Tissues at Meter and Centimeter Wave Lengths.

PUBLICATION:

Canad J Res A 27:218-230, 1949.

DC 00000552 001

AUTHOR:

Lavrent'yev, B. I. and Fedorov, B. G.

TITLE:

Observations of Live Synapses During the Action of UHF Frequencies on the Frog Heart.

PUBLICATION:

Biological Effect of Ultrahigh Frequencies, Symposium, Moscow, 145, 1937.

DC 00000553 001

AUTHOR:

Laz rev, P. P.

TITLE:

Theory of the Action of Short and Ultrashort Waves.

PUBLICATION:

Klin Med (Maskva) 13(11):1583-1590, 1935.

DC 00000554 001

AUTHOR:

Leary, P.

TITLE:

Researching Microwave Health Haz rds.

PUBLICATION:

Electronics 32(8): 49-53, 1959.

DC 00000555 001

AUTHOR:

Lebedinskiy, A. V.

TITLE:

The Physiological Mechanisms of the Action of UHF on the Animal and Human Organism.

PUBLICATION:

Materials of the Leningrad Conference on Ultrashort Waves, Collection, Leningrad, 45-54, 1937.

DC 00001090 001

AUTHOR:

Lebedinskiy, A. V.

PUBLICATION:

Transactions of the 1st Conference on Problems of the Application of Shortwaves and Ultrashort waves in Medicine, Medgiz, 121, 1940.

DC 00000556 001

AUTHOR:

Leden, U.; Herrick, J.; Wakim, K.; Krusen, P.

TITLE:

Preliminary Studies of the Heating and Circulatory Effects of Microwaves, Radar.

PUBLICATION:

Brit J Phys Med 10:177-184, 1947.

DC 00000558 001

AUTHOR:

Lehmann, J. P., et al.

TITLE:

Modification of Heating Patterns Produced by Microwaves at the Frequencies of 2456 and 900 MC by Physiologic Factors in the Human.

PUBLICATION:

Arch Phys Med 45:555-63, 1964.

DC 00000557 001

AUTHOR:

Lehmann, J. P.; Guy, A. W.; Johnston, V. C.; Brunner, G. D.; Bell, J. W.

TITLE:

Comparison of Relative Heating Patterns Produced in Tissues by Exposure to Microwave Energy at Frequencies of 2,450 and 900 Megacycles.

PUBLICATION:

Arch Phys Med 43:69-76, 1962.

DC 00000559 001

AUTHOR:

Lenko, J.; Waniewski, E.; Wochina, Z.

TITLE:

Studies on the Effect of Microwaves of Low Density on the Testicles of Rabbits.

PUBLICATION:

Pol Tyg Lek 21:1475-1477, 1966.

DC 00000560 001

AUTHOR:

Lenson, P.; Herrick, J.; Krusen, P.

TITLE:

Temperatures Produced in Bone Marrow, Bone and Adjacent Tissues by Ultrasonic Diathermy, Experimental Study.

PUBLICATION:
Arch Phys Med 31:687-695, 1950.

DC 00000561 001

AUTHOR:
Leontovich, A. V.

TITLE:
The Problem of Nerve Excitation.

PUBLICATION:
Fiziol Zh SSSR Sechenov 22(3) (4):377-385, 1937.

DC 00000562 001

AUTHOR:
Lerman, S.

TITLE:
Radiation Cataractogenesis.

PUBLICATION:
New York J Med 62(19):3075-3084, 1962.

DC 00000564 001

AUTHOR:
Letavet, A. A. and Roshchin, A. V.

TITLE:
Soviet Labor Hygiene for the Past 50 years.

PUBLICATION:
Gig Tr Prof Zabol (11):3-12, 1967, JPRS44198.

DC 00000563 001

AUTHOR:
Letavet, A. A. and Gordon, Z. V. (eds).

TITLE:
The Biological Action of Ultrahigh Frequencies.

PUBLICATION:
Institute of Industrial Hygiene and Occupational Diseases, Academy
of Medical Sciences, USSR, Moscow, 1-134, 1960, JPRS2471.

DC 00000044 001

AUTHOR:
Levitina, N. A.

TITLE:
Action of Microwaves on the Cardiac Rhythm of a Rabbit During Local
Irradiation.

PUBLICATION:
Biull Eksp Biol Med 58(7):67-69, 1964, ATDP6568.

DC 00000565 001

AUTHOR:

Levitina, M. A.

TITLE:

Investigation of the Nonthermal Effect of Microwaves on the Cardiac Rhythm of Frogs.

PUBLICATION:

Biull Eksp Biol Med 62(12):64-66, 1966.

DC 00000566 001

AUTHOR:

Leytes, P. L. and Skurikhina, L. A.

TITLE:

The Effect of Microwaves on the Hormonal Activity of the Adrenal Cortex.

PUBLICATION:

Biull Eksp Biol Med 52(12):47-50, 1961.

DC 00001091 001

AUTHOR:

Libber, L. M.

TITLE:

Basic Research as Related to Lift Support Systems.

PUBLICATION:

Northeastern States Navy Research and Development Clinic, Philadelphia, Pa, 18-20 Nov, 1964, A6511787.

DC 00000567 001

AUTHOR:

Libezni, P.

TITLE:

Short and Ultrashort Waves.

PUBLICATION:

Biol and Therapy, Moscow, Leningrad, 1936.

DC 00000568 001

AUTHOR:

Lidman, B. L. and Cohn, C.

TITLE:

Effect of Radar Emanations on the Hematopoietic System.

PUBLICATION:

Air Sur Bull 11(2):448-449, 1945.

DC 00000569 001

AUTHOR:

Likhterman, V. B.; Borodina, M. A.; Linchenko, V. M.; Orlov, L. M.

TITLE:

The Therapeutic Use of Short Waves.

PUBLICATION:

Sevastopol'. Gosudarstvennyy tsentral'nyy nauchno
issledovatel'skiy institut fizicheskikh metodov lecheniya. Izvestiya
3 (3) (4), 1936.

DC 00000570 001

AUTHOR:

Linke, C.; Lounsberry, W.; Goldschmidt, V.

TITLE:

Effects of Microwaves on Normal Tissue.

PUBLICATION:

J Urol 88(2):303-311, 1962.

DC 00000571 001

AUTHOR:

Livanov, M. N.

TITLE:

Cerebral Cortex Electrical Reactivity Curves for Man and Animal
Under Normal and Pathological Conditions.

PUBLICATION:

Acad Med Sci, USSR, (Biol) (6), 1944.

DC 00000572 001

AUTHOR:

Livanov, M. N.

TITLE:

Influence of Electromagnetic Fields on the Electrical Activity of
Rat Cerebral Cortex.

PUBLICATION:

Biull Eksp Biol Med 49(5):478-481, 1960.

DC 00000573 001

AUTHOR:

Livanov, M. N.; Tsypin, A. B.; Grigor'ev, Yu. G.; Krushchev, V.
G.; Stepanov, S. M.; Anan'ev, V. N.

TITLE:

Influence of Electromagnetic Fields on the Electrical Activity of
Rabbits Cerebral Cortex.

PUBLICATION:

Biull Eksp Biol Med 49(5):63-67, 1960.

DC 00000576 001

AUTHOR:

Livenson, A. R.

TITLE:

Dosimetric Methods in Microwave and Decimeter Wave Therapy.

PUBLICATION:

Med Promyshl SSSR (11):10-17, 1963.

DC 00000579 001

AUTHOR:

Livenson, A. R.

TITLE:

Determination of the Reflection Factor for Multilayer Biological Tissue in the Microwave Band.

PUBLICATION:

Med Promyshl SSSR (10):17-24, 1966.

DC 00000574 001

AUTHOR:

Livenson, A. R.

TITLE:

The Use of Ultrahigh Frequency Electromagnetic Fields in Medicine.

PUBLICATION:

Nov Med Tekhn (1):31-44, 1959, JPRS9409.

DC 00000578 001

AUTHOR:

Livenson, A. R.

TITLE:

Electrical Parameters of Biological Tissue in the Microwave Range, Report II. Methods of Gauging Electrical Parameters of Biological Tissue.

PUBLICATION:

Med Promyshl SSSR 18(7):10-17, 1964, JPRS26429.

DC 00000577 001

AUTHOR:

Livenson, A. R.

TITLE:

Electric Parameters of Biological Tissue in the Microwave Range.

PUBLICATION:
Med Promyshl SSSR 18(6):14-20, 1964, JPRS26191.

DC 00000575 001

AUTHOR:
Livenson, A. R.

TITLE:
High Frequency Therapeutic Apparatus.

PUBLICATION:
Elektromedizin, 233-238, 196, Abstr.

DC 00000582 001

AUTHOR:
Livshits, N. N.

TITLE:
Conditioned Reflex Activity in Dogs in the Presence of Locally Applied UHF Fields to Certain Zones of the Cortex of the Large Hemispheres.

PUBLICATION:
Biofizika 2(2):197-208, 1957.

DC 00000584 001

AUTHOR:
Livshits, N. N.

TITLE:
The Conditioned Reflex Activity in Dogs Stimulated by Ultrahigh Frequency (UHF) in the Cerebellar Region.

PUBLICATION:
Dokl Akad Nauk SSSR 112(6):1145-1147, 1957.

DC 00000581 001

AUTHOR:
Livshits, N. N.

TITLE:
The Effect of an Ultrahigh Frequency Electric Field and Ionizing Radiation on the CNS.

PUBLICATION:
Dissertation, Moscow, 1954.

DC 00000585 001

AUTHOR:
Livshits, N. N.

TITLE:
The Effect of an Ultrahigh Frequency Field on the Functions of the Nervous System.

PUBLICATION:

Biofizika 3(4):426-436, 1958, ATDP6568.

DC 00000583 001

AUTHOR:

Livshits, N. N.

TITLE:

Role of Nervous System in Reactions to Ultrahigh Frequency Electromagnetic Fields.

PUBLICATION:

Biofizika 2(3):378-379, 1957.

DC 00000580 001

AUTHOR:

Livshits, N. N.

TITLE:

Visual Adaptation to Darkness Under the Action of SHF UHF Fields Upon the Occipital Region.

PUBLICATION:

Tr Inst Fiziol imeni, I. P. Pavlov, (2), 1947.

DC 00000074 001

AUTHOR:

Lobanova, Ye A.

TITLE:

Survival and Development of Animals with Various Intensities and Durations of the Influence of UHF.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:61-64, 1960, JPRS12471.

DC 00000076 001

AUTHOR:

Lobanova, Ye. A. and Tolgskaya, M. S.

TITLE:

Change in the Higher Nervous Activity and Interneuron Connections in the Cerebral Cortex of Animals Under the Influence of UHF.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:69-74, 1960, JPRS12471.

DC 00000587 001

AUTHOR:

Lobanova, Ye. A.

TITLE:

Changes in Conditioned Reflex Activity of Animals Exposed to Various Ranges of Microwaves.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Waves, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 14-19, 1964.

DC 00000072 001

AUTHOR:

Lobanova, Ye. A. and Gordon, Z. V.

TITLE:

Investigation of the Olfactory Sensitivity in Persons Subjected to the Influence of UHF.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:52-56, 1960, JPRS12471.

DC 00000589 001

AUTHOR:

Lobanova, Ye. A.

TITLE:

Effect of Chronic Exposure to Pulsed and Nonpulsed 10Cm Waves on the Conditioned Reflex Activity of White Rats.

PUBLICATION:

Gig Tr Prof Zabol 10:7-12, 1966.

DC 00000586 001

AUTHOR:

Lobanova, Ye. A.

TITLE:

Changes of the Conditioned Reflex Activity in Animals (Rats and Rabbits) Under Continuous Exposure to Centimeter Waves.

PUBLICATION:

Gig Biol Deystviye, Moscow, 1959.

DC 00000588 001

AUTHOR:

Lobanova, Ye. A.

TITLE:

Investigation of the Temperature Reaction of Animals to the Effect of Microwaves of Various Bands.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow (2):75-77, 1964.

DC 00000034 001

AUTHOR:

Loshak, A. Ya.

TITLE:

Labor Hygiene and Occupational Pathology Involved in the Work with Centimeter Wave Generators in the Civil Air Fleet.

PUBLICATION:

Aviatsionnaya i kosmicheskaya meditsina, Akademiya Meditsinskikh Nauk, SSSR, Moscow, ed. V. V. Parin, 1963, NASATTP228.

DC 00000593 001

AUTHOR:

Loshak, A. Ya.

TITLE:

The Problem of the Combined Biological Effect of X-ray and UHF Irradiation.

PUBLICATION:

Problems of Space Medicine, Moscow, 262-263, 1966, ATD66116.

DC 00000594 001

AUTHOR:

Loshak, A. Ya. and Mar'yechkin, Ye. P.

TITLE:

An Appraisal of the Working Conditions of Radar Stations of the Civil Air Fleet.

PUBLICATION:

Gig Sanit (7):39-44, 1964, AD618635.

DC 00000592 001

AUTHOR:

Loshak, A. Yu.

TITLE:

The Effect of Climatic Conditions During Chronic Irradiation with Ultrahigh Frequency Energy.

PUBLICATION:

Gig Sanit (6):18-22, 1965.

DC 00000595 001

AUTHOR:

Lubin, M. D.; Martin, et al.

TITLE:

Effects of Ultrahigh Frequency Radiation on Animals.

PUBLICATION:

AMA Arch of Industr Health 21:555-558, 1960.

DC 00000596 001

AUTHOR:

Ludwig, F. and Ries, J.

TITLE:

Influence of Short Waves on Embryonic Development.

PUBLICATION:

Manatschr, P. Gebrutsch Gynak, 118:291-298, 1944.

DC 00000597 001

AUTHOR:

Lysina, G. G.

TITLE:

Changes in the Morphological Composition of Blood Under the Influence of Ultrahigh Frequencies.

PUBLICATION:

Gig Sanit (6):95-96, 1965.

DC 00001092 001

AUTHOR:

Lyudkovskaya, R. G. and Alekseyenko, N. Yu.

PUBLICATION:

Materials on Evolutionary Physiology, Symposium, Moscow, Leningrad 1: 183, 1956.

DC 00000599 001

AUTHOR:

Lyutov, A. I.

TITLE:

Dynamics of Excitability and Efficiency of Spinal Cord Motor Neurons During Brain Incisions at Various Levels and the Action of Sound and RF Electromagnetic Oscillations Upon the CNS.

PUBLICATION:

Some Problems of Physio Biophys, Voronezh, Izd-vo Voronezh, Univ, 92-98, 1964.

DC 00000600 001

AUTHOR:

Machabeli, M. Ye., et al.

TITLE:

Working Conditions and the State of Health of Workers Operating High Frequency Equipment.

PUBLICATION:

Gig Sanit (11):81-83, 1957.

DC 00000601 001

AUTHOR:

Machle, W. and Landeen, K.

TITLE:

The Effect of Repeated Microwave Exposures on the Formed Elements in the Blood of Rats.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, p71, 1959, RADCTR59140, AD234788.

DC 00000602 001

AUTHOR:

MacMurray, L. C.; Dehne, E. J.; Duguid, R. H.

TITLE:

Health Hazards Associated With Microwave Radiation.

PUBLICATION:

US Army Environmental Hygiene Agency, Tech Pub April 1958.

DC 00000603 001

AUTHOR:

Makarov, P. O. and Ismailov, B. Sh.

TITLE:

On the Resonance and Selective Absorption of Microwaves by the Flagellate Opalina Ranarum.

PUBLICATION:

Vestn Leningrad Univ (Biol) (21):150-152, 1967, Abstr.

DC 00000031 001

AUTHOR:

Malakhov, A. N.; Romanov, I. V.; Smirnov, Yu. V., and Ul'yanov, M. Yu.

TITLE:

Biological Indication of a UHF Electromagnetic Field.

PUBLICATION:

Scientific Council on the Complex Problems of Cybernetics, An SSSR, Bionics, Moscow, Izd-vo, Nauka:302-305, 1965, JPRS32125, TT6631562, NASAN6624173.

DC 00000604 001

AUTHOR:

Malakhov, A. N.; Smirnov, Yu. V.; Ul'yanov, M. Yu.

TITLE:

The SHF UHF Electromagnetic Field as a Signal Factor in the Conditioned Defense Reflex of White Mice.

PUBLICATION:

Materials of 3rd Povolzhskaya, Conf of Physiologists, Biochemists and Pharmacologists, Gor'kiy, 1963.

DC 00001093 001

AUTHOR:

Malakhov, A. N.; Romanov, I. V.; Smirnov, Yu. V.; Ul'yanov, M. Yu.

TITLE:

Biological Indication of an SHF Electromagnetic Field

PUBLICATION:

Bionika, 382-386, 1966, N6624173.

DC 00000605 001

AUTHOR:

Mallard, J. R. and Lawn, D. G.

TITLE:

Dielectric Absorption of Microwaves in Human Tissues.

PUBLICATION:

Nature (London) 213:28-30, 1967.

DC 00000606 001

AUTHOR:

Mallard, J. R. and Whittingham, T. A.

TITLE:

Dielectric Absorption of Microwaves in Human Tissues.

PUBLICATION:

Nature (London) 218(5139):366-367, 1968.

DC 00000607 001

AUTHOR:

Manyashin, Yu. A.

TITLE:

Disturbance of Aromatic Aminoacid Exchange Products Excreted with Urine in Persons Exposed to the Action of Vibration and UHF Electromagnetic Waves.

PUBLICATION:
Gig Tr Prof Zabol (8):47-49, 1967.

DC 00000005 001

AUTHOR:
Marha, K.

TITLE:
Some Experimental Observations of the Effect of a High Frequency
Electromagnetic Field in Vivo and in Vitro.

PUBLICATION:
Prac Lek 15(6):238-242, 1963, ATDT6556.

DC 00000003 001

AUTHOR:
Marha, K.

TITLE:
Biological Effects of HF Waves.

PUBLICATION:
Prac Lek 15(9):387-393, 1963, ATD6692. \$DATE 1963.

DC 00001094 001

AUTHOR:
Marks, E. and Hornowski, J.

TITLE:
Clinical Observations Concerning the Effect of Microwaves on the
Nervous System.

PUBLICATION:
Neurol Neurochir Pol 2:25-29, 1968, A6881426.

DC 00000609 001

AUTHOR:
Marks, J.; Carter, E. T.; Scarpelli, D. G.; Eisen, J.

TITLE:
Microwave Radiation to the Anterior Mediastinum of the Dog. II.
Thermal Cardiovascular Respiratory and Blood Enzyme Observations.

PUBLICATION:
Ohio Med J, 57:1132-5, 1961.

DC 00000608 001

AUTHOR:
Marks, J.; Carter, E. T.; Scarpelli, D. G.; Eisen, J.

TITLE:
Microwave Radiation to the Anterior Mediastinum of the Dog, I,
Histological and Electrocardiographic Observations.

PUBLICATION:
Ohio Med J 57(3):274-279, 1961.

DC 00000610 001

AUTHOR:
Marriott, I. A.

TITLE:
Three Cases of Apparent Chemical Burns of the Hands Following
Contact With a Magnetron Tube.

PUBLICATION:
Med Serv J Canada 20:546-52, 1964.

DC 00000611 001

AUTHOR:
Martin, E. J., et al.

TITLE:
Survey of Radio Frequency Radiation Hazards.

PUBLICATION:
US Navy Buships, 161, 30 June 1962.

DC 00000613 001

AUTHOR:
Martin, G. and Herrick, J.

TITLE:
Further Evaluation of Heating by Microwaves and by Infrared as
Used Clinically..

PUBLICATION:
JAMA 159:1286-1287, 1955.

DC 00000612 001

AUTHOR:
Martin, G. and Erickson, D.

TITLE:
Medical Diathermy.

PUBLICATION:
JAMA 142:27-30, 1950.

DC 00000614 001

AUTHOR:
Martin, G; Rae, J. Jr.; Krusen, P.

TITLE:
Medical Possibilities of Microwave Diathermy.

PUBLICATION:
Southern Med J 43:518-524, 1950.

DC 00000615 001

AUTHOR:

Matuzov, N.

TITLE:

Changes in the Excitation of the Optic Analyzer in Man by Microwaves.

PUBLICATION:

Biull Eksp Biol Med 48(7):27-30, 1959.

DC 00000616 001

AUTHOR:

Mayer, O.

TITLE:

Effect of Radar's Waves Studied by Army and Navy.

PUBLICATION:

Science Newsletter 47:296, 1954.

DC 00000684 001

AUTHOR:

McAfee, R. D.

TITLE:

Neurophysiological Effects of Microwave Irradiation.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 314-331, 1959, RADCTR59140, AD234788.

DC 00000685 001

AUTHOR:

McAfee, R. D.

TITLE:

Physiological Effects of Thermode and Microwave Stimulation of Peripheral Nerves.

PUBLICATION:

Amer J Physiol 203(2):374-378, 1962.

DC 00000686 001

AUTHOR:

McAfee, R. D.

TITLE:

Microwave Stimulation of the Sympathetic Nervous System.

PUBLICATION:

Biomed Sci Instrum 1:167-70, 1963.

DC 00000687 001

AUTHOR:

McAfee, R. D.; Berger, C.; Pizzolato, P.

TITLE:

The Neurological Effect of 3cm Microwave Irradiation.

PUBLICATION:

Proc 4th Ann Tri-Service Conf Biol Effects of Microwave Radiation, ed., M. F. Peyton, Plenum Press, N.Y., 251-259, 1961. The Amer J Physiol 200(2):192-194, 1961.

DC 00000688 001

AUTHOR:

McLaughlin, J. T.

TITLE:

Death from Microwave Radiation (radar).

PUBLICATION:

Calif Med 86:336-339, 1957.

DC 00000689 001

AUTHOR:

McLaughlin, J. T.

TITLE:

Health Hazards from Microwave Radiation.

PUBLICATION:

West Med 3(4):126-130, 1962.

DC 00000690 001

AUTHOR:

McNally, J. B.; Munn, A. S.; Cichon, J. V.; Richardson, A. W.

TITLE:

Microwave Effects on Glucose Absorption and Transfer in the Rat.

PUBLICATION:

Fed Proc 21(2):1-255, 1962.

DC 00000619 001

AUTHOR:

Neahl, H. R.

TITLE:

Basic Problems in Measuring RF Field Strength.

PUBLICATION:

Proc 4th Ann Tri-Service Conf Biological Effects Microwave Radiation, ed. M. F. Peyton, Plenum Press, N.Y., 15-31, 1961, AD244867.

DC 00000617 001

AUTHOR:

Meahl, H. R.

TITLE:

Protective Measures for Microwave Radiation Hazards: 750 to 30,000 MC.

PUBLICATION:

IRE Trans Med Electr 4:16, 1956.

DC 00000618 001

AUTHOR:

Meahl, H. R.

TITLE:

Ion Orb Omnidirectional, Fixed Level, Visual Indicator of Radio Frequency Field Strength.

PUBLICATION:

Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N.Y., 229, July, 1961.

DC 00000620 001

AUTHOR:

Melpar, Inc.

TITLE:

Effects of RF Energy on Biological Macromolecules, II.

PUBLICATION:

Melpar Inc., Falls Church, Virginia, 1965.

DC 00000621 001

AUTHOR:

Meossikine, B.

TITLE:

Rapid Modification of Local Temperature Following Application of Short Waves and its Clinical Significance.

PUBLICATION:

Rev Morrel 60:364-366, 1948.

DC 00000622 001

AUTHOR:

Merola, L. O. and Kinoshita, J. H.

TITLE:

Changes in the Ascorbic Acid Content in Lenses of Rabbit Eyes Exposed to Microwave Radiation.

PUBLICATION:

Proc 4th Ann Tri-Service Conf Biol Effects Microwave Radiation,
ed. M. F. Peyton, Plenum Press, N. Y., 285-291, 1961, AD244867.

DC 00000623 001

AUTHOR:

Merrey, J. L.

TITLE:

Some Biological Aspects of Microwave Radiation.

PUBLICATION:

Astia, Arlington, Virginia, 1-11, 1963, AD415814.

DC 00000624 001

AUTHOR:

Miale, J.; Landeen, K.

TITLE:

Effect of Microwave Radiation on the Hemopoietic System of the
Rat.

PUBLICATION:

Toxicol Appl Pharmacol 6:71-77, 1964.

DC 00000632 001

AUTHOR:

Michaelson, M.; Thomson, R. A.; Quinlan, W. J.

TITLE:

Effects of Electromagnetic Radiations on Physiologic Responses.

PUBLICATION:

Aerospace Med 38:293-298, 1967.

DC 00001095 001

AUTHOR:

Michaelson, S. M.; Thomson, R. A. E.; Quinlan, W. J.

TITLE:

Effects of Electromagnetic Radiations on Physiologic Responses.

PUBLICATION:

Aerospace Med Assoc, 37th Annual Meet, Las Vegas, 18-21, April,
1966, A6632156.

DC 00000631 001

AUTHOR:

Michaelson, S. M.; Thomson, R. A.; Howland, J. W.

TITLE:

Comparative Studies on 1285 and 2800 Mc/sec Pulsed Microwaves.

PUBLICATION:

Aerospace Med 36:1059-1064, 1965.

DC 00000627 001

AUTHOR:

Michaelson, S. M.; Thomson, R. A. E.; Howland, J. W.

TITLE:

Physiological Aspects of Microwave Irradiation of Mammals.

PUBLICATION:

Amer J Physiol 201(2):351-356, 1961.

DC 00000626 001

AUTHOR:

Michaelson, S. M.; Thomson, R. A. E.; Howland, J. W.

TITLE:

Biomedical Aspects of Microwave Irradiation of Mammals.

PUBLICATION:

3rd Internat Conf Med Electr, Part 3, 399-400, July 26, 1960.

DC 00000635 001

AUTHOR:

Michaelson, S. M.; Thomson, R. A. E.; Krasavage, W. J.; Quinlan, W. J.; Howland, J. W.

TITLE:

The Biological Effects on Microwave Irradiation.

PUBLICATION:

Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N.Y., 194, July, 1961.

DC 00000629 001

AUTHOR:

Michaelson, S. M.; Thomson, R. A. E.; Odland, L. T.; Howland, J. W.

TITLE:

The Influence of Microwaves on Ionizing Radiation Exposures.

PUBLICATION:

Aerospace Med 34(2):111-115, 1963.

DC 00000630 001

AUTHOR:

Michaelson, S. M., et al.

TITLE:

The Hematologic Effects of Microwave Exposure.

PUBLICATION:
Aerospace Med 35:824-9, 1964.

DC 00000628 001

AUTHOR:
Michaelson, S. M.; Thomson, R. A. E.; Howland, J. W.

TITLE:
The Potential Influence of Microwaves on Injury and Recovery from Ionizing Radiation.

PUBLICATION:
Radiat Res 16(4):476, 1962.

DC 00000634 001

AUTHOR:
Michaelson, S. M.; Thomson, R. A. E.; Howland, J. W.

TITLE:
Biologic Effects of Microwave Exposure.

PUBLICATION:
OR49810; AF3(602)2248; W7401 Eng 49-Atomic Energy Commission, Rome AFB; Univ Rochester Atomic Energy Project.

DC 00000633 001

AUTHOR:
Michaelson, S. M.; Thomson, R. A. E.; Howland, J. W.

TITLE:
Biologic Effects of Microwave Exposure.

PUBLICATION:
1967, AD824242.

DC 00000625 001

AUTHOR:
Michaelson, S. M.; Howland, J. W. Thomson, R. A. E.; Hermann, H.

TITLE:
Comparison of Responses to 2800 MC and 200 MC Microwaves or Increased Environmental Temperature.

PUBLICATION:
Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 161-190, 1959, RADCTR59140, AD234788.

DC 00000087 001

AUTHOR:
Mickey, G. H.

TITLE:
Electromagnetism and Its effect on the Organism.

PUBLICATION:

New York J Med 63(13):1935-1942, 1963.

DC 00000016 001

AUTHOR:

Mickey, G. H. and Heller, J. H.

TITLE:

Radio Frequency Treatment for Breaking Dormancy and Controlling Virus Infections of Plants.

PUBLICATION:

Trans Amer Agri Eng 7(4):398-401, 1964.

DC 00000636 001

AUTHOR:

Mikhailova, B. I.

TITLE:

Experience with Microwave Therapy in Stomatology.

PUBLICATION:

Stomatologiya (Moskva) 45:49-53, 1966.

DC 00000637 001

AUTHOR:

Milczarek, H.; Zalejski, S.; Mazurkiewicz, J.

TITLE:

Changes in the Nervous System in Individuals Working Within the Range of Microwave Radiation.

PUBLICATION:

Pol Tyg Lek 22:1924-1927, 1967.

DC 00000638 001

AUTHOR:

Militsyn, V. A.

TITLE:

Concerning the Use of Short and Ultrashort Waves in Medicine.

PUBLICATION:

Tretiy vsesoyuznyy s'yezd fizioterapevtov. Trudy, Kiev, 199, 1937.

DC 00000639 001

AUTHOR:

Militsyn, V. A.

TITLE:

The First International Congress on SHF UHF.

PUBLICATION:

Fizioter (1), 1938.

DC 00000640 001

AUTHOR:

Militsyn, V. A. and Voznaya, A. Ts.

TITLE:

The Influence of Chronic Action of Ultrahigh Frequency (In Weak Doses) on the Morphology of the Blood, Hematopoietic, and Reticulo Endothelial System.

PUBLICATION:

Fizioter (2):33-43, 1957.

DC 00001098 001

AUTHOR:

Minecki, L.

TITLE:

The Thermal Effect of Microwave Radiation.

PUBLICATION:

The 6th Polish Conf of Occup Med, 1962.

DC 00001097 001

AUTHOR:

Minecki, L.

PUBLICATION:

Med Pracy, (4), 1962.

DC 00001099 001

AUTHOR:

Minecki, L.

TITLE:

Changes in Activity of Cholinesterase in Mice subjected to Single and Repeated Action of Microwaves.

PUBLICATION:

The 6th Polish Conf of Occup Med, 1962.

DC 00001096 001

AUTHOR:

Minecki, L.

PUBLICATION:

Med Pracy 1, 1959.

DC 00000642 001

AUTHOR:

Minecki, L.

TITLE:

Critical Evaluation of the Organization of Health Protection for Persons Occupationally Exposed to High Frequency Electromagnetic Radiations.

PUBLICATION:

Med Pracy 17:134-136, 1966.

DC 00000641 001

AUTHOR:

Minecki, L.

TITLE:

Clinical Symptoms in Workers Exposed to the Effect of High Frequency Electromagnetic Radiations.

PUBLICATION:

Med Pracy 16:300-304, 1965.

DC 00000643 001

AUTHOR:

Minecki, L.

TITLE:

High Frequency Electromagnetic Fields, A New Environmental Hazard.

PUBLICATION:

Zdrow Publiczne 2:113-220, 1967.

DC 00001100 001

AUTHOR:

Minecki, L. and Romaniuk, A.

PUBLICATION:

Med Pracy, (5), 1963.

DC 00000644 001

AUTHOR:

Minecki, L. and Bilski, R.

TITLE:

Histopathological Changes in the Internal Organs of Mice Exposed to the Effect of Microwaves (S-Band).

PUBLICATION:

Med Pracy 12(4):337-344, 1961.

DC 00000018 001

AUTHOR:

Minecki, Leopold.

TITLE:

Critical Evaluation of Maximum Permissible Levels of Microwave Radiation.

PUBLICATION:
Arch Hig Rada 15:47, 1964.

DC 00000019 001

AUTHOR:
Minecki, Leopold.

TITLE:
The Health of Persons Exposed to the Effect of High Frequency
Electromagnetic Fields.

PUBLICATION:
Med Pracy 12(4):329-335, 1961, PTDTT61380/1.

DC 00030645 001

AUTHOR:
Mirault, M.

TITLE:
Microwaves (Radar) in Electrotherapy.

PUBLICATION:
Praxis 39:927-931, 1950.

DC 00001102 001

AUTHOR:
Miro, L.; Loubiere, R.; Pfister, A.

TITLE:
Effects of High Frequency Electromagnetic Fields on the Intake of
Methionine S35 by the Spleen and Liver of Mice.

PUBLICATION:
2nd International Symposium on Basic Environmental Problems of Man
in Space, Paris, 14-18, June 1965, A6526302.

DC 00001101 001

AUTHOR:
Miro, L.; Loubiere, R.; Pfister, A.

TITLE:
Visceral Lesions Observed in Mice and Rats Exposed to Ultrashort
Waves.

PUBLICATION:
Thermal Problems in Aerospace Medicine, ed. J. D. Hardy, 177-183,
1968, A6920679.

DC 00000645 001

AUTHOR:
Miro, L.; Loubiere, R.; Pfister, A.

TITLE:
Research on Visceral Lesions Observed in Mice and Rats Exposed to
Ultrashort Waves. Special Study of the Effects of These Waves on the

Reproduction of Those Animals.

PUBLICATION:

Rev Med Aero (Paris) 4:37-39, 1965.

DC 00000650 001

AUTHOR:

Mirutenko, V. I.

TITLE:

The Thermal Effect of the Action of a Superhigh Frequency Electromagnetic Field on Animals and Certain Problems of Dosimetry of a Superhigh Frequency Field.

PUBLICATION:

Biological Action of Ultrasound and Superhigh Frequency Electromagnetic Oscillations, ed. A. A. Gorodetskiy, Acad Sci, UkSSR, Inst Physiol imeni A. A. Bogomolets, Kiev, 1964, JPRS30860.

DC 00000648 001

AUTHOR:

Mirutenko, V. I.

TITLE:

Effect of Blood Circulation on Heat Distribution, and Severity of Thermal Effect in Animals Exposed to a Superhigh Electromagnetic Field.

PUBLICATION:

Fiziol Zh SSSR Sechenov 10(5):645-646, 1964.

DC 00000647 001

AUTHOR:

Mirutenko, V. I.

TITLE:

The Local Thermal Effect of 3 Cm Electromagnetic Waves on Animals.

PUBLICATION:

Fiziol Zh (Kiev) 8(3):382-389, 1962.

DC 00000649 001

AUTHOR:

Mirutenko, V. I.

TITLE:

The Distribution in the Organs and Tissues of Animals Exposed to a UHF Electromagnetic Field.

PUBLICATION:

Problems of the Biophysics and Mechanism of Action of Ionizing Radiation, Kiev, Zdorov'ya, 79-82, 1964.

DC 00000651 001

AUTHOR:
Mishin, V. V.

TITLE:
Change of Lability of the Neuromuscular System Under the Influence of Electromagnetic Oscillations in the Sound Frequency Range.

PUBLICATION:
Vsesoyuznoye Fixiologicheskoye Obshchestvo. Voronezhskoye Otdeleniye. Nekotoryye Voprosy Fiziologii i Biofiziki, Trudy Otdeleniye. Izd-vo Voronezh Univ, 40-46, 1964.

DC 00000652 001

AUTHOR:
Mitchell, J. P. and Lumb, G. M.

TITLE:
Hazards of Diathermy in Urology.

PUBLICATION:
Proc Roy Soc Med 53:348-54, 1960.

DC 00000653 001

AUTHOR:
Mittlemann, E.

TITLE:
Relationship Between Heat Sensation and High Frequency Power Absorption by Humans.

PUBLICATION:
Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N.Y., 193, July, 1961.

DC 00001103 001

AUTHOR:
Mogendovich, M. R.

PUBLICATION:
Biull Eksp Biol Med 4:246, 1937.

DC 00000654 001

AUTHOR:
Molchanov, K.

TITLE:
Bactericidal Effect of Ultrashort Waves on Microflora of Metallic Foreign Bodies: Experimental Studies.

PUBLICATION:
Biull Eksp Biol Med (Giesen) 18:1-20, 24-26, 1944.

DC 00000017 001

AUTHOR:

Monayenkova, A. M. and Sadchikova, M. N.

TITLE:

Hemodynamic Indices During the Action of Superhigh Frequency Electromagnetic Fields.

PUBLICATION:

Gig Tr Prof Zabol (7):18-21, 1966, ATD66123.

DC 00000655 001

AUTHOR:

Moossikins, B.

TITLE:

Rapid Modification of Local Temperature Following Application of Short Waves and its Clinical Significance.

PUBLICATION:

Rev Morrel 60:364-366, 1948.

DC 00000656 001

AUTHOR:

Moressi, W. J.

TITLE:

Mortality Patterns of Mouse Sarcoma 180 Cells Resulting from Di ct Heating and Chronic Microwave Irradiation.

PUBLICATION:

Exp Cell Res 33:240-53, 1964.

DC 00000657 001

AUTHOR:

Morgan, W. E.

TITLE:

Microwave Radiation Hazards.

PUBLICATION:

Safety Maintenance, 1959.

DC 00000658 001

AUTHOR:

Morgan, W. E.

TITLE:

Microwave Radiation Hazards.

PUBLICATION:

AMA Arch Industr Health, 21:570-3, 1960.

DC 00000659 001

AUTHOR:
Moses, P.

TITLE:
Recent Investigations on the Biologic Effect of Radar.

PUBLICATION:
Med Aeronautique 6:143-144, 1951.

DC 00000660 001

AUTHOR:
Moskalenko, Yu. Ye.

TITLE:
The Use of Ultrahigh Frequencies in Biological Research.

PUBLICATION:
Biofizika 3(5):619-626, 1958.

DC 00000662 001

AUTHOR:
Moskalyuk, A. I.

TITLE:
Latent Reflex Period as an Indicator of SHF UHF Field Effect.

PUBLICATION:
Avtoref, Kand Dissertation, Leningrad, 1949.

DC 00001104 001

AUTHOR:
Motanyi, P. E.

PUBLICATION:
Nauchnyye Zapiski Dnepropetrovsk Universitet, 4:4, 1936.

DC 00000663 001

AUTHOR:
Moyniel, G.

TITLE:
Biologic Effect of Electromagnetic Radiations (Short Wave) on Isolated Cells.

PUBLICATION:
Rev Med 25:39-40, 1950.

DC 00000664 001

AUTHOR:
Much, V.

TITLE:
Ultra Short Wave Therapy Following Extra Capsular Cateract
Extraction.

PUBLICATION:
Ophthalmologica (Basel) 121:41-43, 1951.

DC 00000665 001

AUTHOR:
Muller, H.

TITLE:
Experimental Lenticular Opacities Produced by Microwave
Irradiations.

PUBLICATION:
Arch Phys Med 29:765-769, 1949.

DC 00000666 001

AUTHOR:
Muller, H.

TITLE:
Radiation Damage to the Genetic Material.

PUBLICATION:
Amer Sci 38:33-59, 1950.

DC 00000667 001

AUTHOR:
Mumford, W. E.

TITLE:
Hazards to Personnel Near High Power UHF Transmitting Antennas.

PUBLICATION:
Bell Labs Progress Rpt 717, 1956.

DC 00000669 001

AUTHOR:
Mumford, W. W.

TITLE:
Heat Stress Due to RF Radiation.

PUBLICATION:
Proc IEEE 57 (2);171-178, 1969.

DC 00000668 001

AUTHOR:
Mumford, W. W.

TITLE:
Some Technical Aspects of Microwave Radiation Hazards.

PUBLICATION:

Proc IRE 49:427-447, 1961.

DC 00000670 001

AUTHOR:

Murashov, B. P.

TITLE:

The Lingering Effect of an Ultrahigh Frequency Field on the Hypophyseal System, the Cortex of the Adrenal Glands.

PUBLICATION:

Voennoed Zh (6):82-83, 1966.

DC 00000672 001

AUTHOR:

Murphy, A.; Paul, W.; Hines, H.

TITLE:

A Comparative Study of the Temperature Change Produced by Various Thermogenic Agents.

PUBLICATION:

Arch Phys Med 31:151-156, 1950.

DC 00000671 001

AUTHOR:

Murphy, R. M.; Klausen, J.; Justesen, D. R.; Pendleton, R. B.

TITLE:

Enhanced Relearning Following Electroshock and Fibrile (microwave) Induced Convulsions.

PUBLICATION:

Sci Proc, Amer Psychiat Assoc 123(1):201-202, 1967.

DC 00000673 001

AUTHOR:

Murray, J. L.

TITLE:

Some Biological Aspects of Microwave Radiation.

PUBLICATION:

Masters Thesis, Rochester Univ, N.Y. School of Med Dent, 1963, AD415814.

DC 00000674 001

AUTHOR:

Murray, R. J.

TITLE:

Microwave Safety Precautions.

PUBLICATION:

Safety Manual, Sperry Gyroscope Co, 1959.

DC 00000675 001

AUTHOR:

Musil, Jan.

TITLE:

Influence on the Body of the Absorption of Electromagnetic Waves.

PUBLICATION:

Slaboproudny Obzor 26(7):391-397, 1965.

DC 00000676 001

AUTHOR:

Mutschall, V. E.

TITLE:

Biological Effects of High Frequency Electromagnetic Waves.

PUBLICATION:

ATD6692.

DC 00001105 001

AUTHOR:

Maliwayko, G. T.

PUBLICATION:

Sbornik Rabot Institut Fiziologii, Dnepropetrovsk Univ 2:2, 1939.

DC 00000035 001

AUTHOR:

Netreba, M. I.

TITLE:

The Sanitary Aspect of the Working Conditions Around Ultrahigh Frequency Generators.

PUBLICATION:

Aviatsionnaya i kosmicheskaya meditsina, Akademiya Meditsinskikh Nauk, SSSR, Moscow, ed. V. V. Parin, 1963, NASATTF228.

DC 00000691 001

AUTHOR:

Niepolonski, W. and Smigla, K.

TITLE:

Visceral Pathomorphology of Experimental Animals Subjected to the Action of Electromagnetic Field of Frequency 10.7 MHz.

PUBLICATION:

Pat Pol 16:129-139, 1965.

DC 00000692 001

AUTHOR:

Niepolomski, W. and Smigla, K.

TITLE:

Visceral Pathomorphology of Experimental Animals Subjected to the Action of 10-7 MHz Frequency Electromagnetic Field.

PUBLICATION:

Pol Med J 5:396-405, 1966.

DC 00000694 001

AUTHOR:

Nieset, R. T.

TITLE:

Investigations of the Biological Effects of Microwave Radiation.

PUBLICATION:

Biophys Lab, Tulane Univ, New Orleans, La, MONR47503, 1958, AD225409.

DC 00000693 001

AUTHOR:

Nieset, R. T. and Baus, R. Jr.

TITLE:

Investigation of the Biological Effect of Microwave Irradiation.

PUBLICATION:

Biophys Lab Tulane Univ New Orleans, La, MONR47503, 1957, AD149246.

DC 00000696 001

AUTHOR:

Nieset, R. T., et al.

TITLE:

The Neural Effects of Microwave Irradiation.

PUBLICATION:

Tulane Univ, RADCTR59215, Nov 1959.

DC 00000697 001

AUTHOR:

Nieset, R. T., et al.

TITLE:

The Neural Effects of Microwave Irradiation.

PUBLICATION:

Tulane Univ, RADCTR6165, 1960, AD257198.

DC 00000695 001

AUTHOR:

Nieset, R.; Pinneo, L.; Baus, R.; Fleming, J.; McAfee, R.

TITLE:

Annual Report.

PUBLICATION:

RADCTR6165, 1961.

DC 00000698 001

AUTHOR:

Nikogosyan, S. V.

TITLE:

The Effect of 10 Centimeter Radiation on the Content of Nucleic Acids in the Organs of Animals.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 66-67, 1964.

DC 00000699 001

AUTHOR:

Nikogosyan, S. V.

TITLE:

The Effect of Centimeter and Decimeter Waves on the Content of Protein and Protein Fractions in the Blood Serum of Animals.

PUBLICATION:

Questions of Biological Activity of SHF Electromagnetic Fields, VMOIA, Leningrad, imeni S. M. Kirov; 33-34, 1962.

DC 00000700 001

AUTHOR:

Nikogosyan, S. V.

TITLE:

Influence of UHF on the Cholinesterase Activity in the Blood Serum and Organs in Animals.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:81-85, 1960, JPRS 12471.

DC 00000078 001

AUTHOR:

Nikogosyan, S. V.

TITLE:

Influence of UHF on the Cholinesterase Activity in the Blood Serum and Organs in Animals.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:81-85, 1960, JPRS12471.

DC 00000023 001

AUTHOR:

Nikogosyan, S. V.

TITLE:

Changes of Protein Metabolism Under Chronic Action of Low Intensity 10cm Waves.

PUBLICATION:

Biull Eksp Biol Med 64(9):56-58, 1967, JPRS44710, Abstr.

DC 00000701 001

AUTHOR:

Nikolova-Troyeva, L.

TITLE:

Results of Microwave Treatment of Some Diseases.

PUBLICATION:

Vop Kurort Zigioter 29(3):239-242, 1964, JPRS26,038.

DC 00000703 001

AUTHOR:

Nikonova, K. V.

TITLE:

Materials on the Hygienic Assessment of High Frequency Electromagnetic Fields (Medium and long waves).

PUBLICATION:

Kand Dissertation, Moscow, 1963.

DC 00000704 001

AUTHOR:

Nikonova, K. V.

TITLE:

The Effects of High Frequency Electromagnetic Fields on the Functions of the Nervous System.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow:49-56, 1964.

DC 00000731 001

AUTHOR:

Nikonova, K. V. and Pukalova, P. P.

TITLE:

Hygienic Evaluation of Working Conditions and the Efficiency of Safety Measures During the Induction Heating of Metal Using High Frequency Tube Generators.

PUBLICATION:

Gig Tr Prof Zabol, (3):8-13, 1962.

DC 00000702 001

AUTHOR:

Nikono , K. V.

TITLE:

The Hygienic Characteristic of Labor Conditions During Work with High Frequency Heating in the Electrovacuum Industry.

PUBLICATION:

Gig Tr Prof Zabol, (1):9-12, 1960.

DC 00000705 001

AUTHOR:

Nikonova, K. V.

TITLE:

The Effect of High Frequency Electromagnetic Field on the Blood Pressure and Body Temperature of Test Animals.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow:61-65, 1964.

DC 00000706 001

AUTHOR:

Mrunori, M. and Torrise, S.

TITLE:

A Specific Effect of High Frequency Electric Currents on Biological Objects.

PUBLICATION:

Amer J Phys Ther 9:130, 1930.

DC 00000707 001

AUTHOR:

Nyrop, J. E.

TITLE:

A Specific Effect of High Frequency Electric Currents on Biological Objects.

PUBLICATION:

Nature (London) 157(3976):51, 1946.

DC 00000032 001

AUTHOR:

Obrosof, A. and Krotov, A.

TITLE:

VHF Pulse Therapy.

PUBLICATION:

Meditinskaya gazeta:3(col. 6-7), 18 Feb 1966.

DC 00000033 001

AUTHOR:

Obrosof, A. N. and Jasnogorodski, V. G.

TITLE:

A New Method of Physical Therapy. (Pulsed Electric Field of VHF).

PUBLICATION:

Digest of the 1961 International Conference on Medical Electronics. Session 21-5. Biological Effects of Microwaves I (Athermal Aspects), ed. P. L. Frommer, N.Y., July, 1961.

DC 00000708 001

AUTHOR:

Obrosof, A. N. and Skurikhina, L. A.

TITLE:

Experience in the Treatment of Patients with Microwaves.

PUBLICATION:

Klin Med (Moskva) 42(4):139-144, 1964, JPRS25235.

DC 00000709 001

AUTHOR:

Obrosof, A. N.; Skurikhina, L. A.; Saflulina, S. N.

TITLE:

Effect of Microwaves on the Cardiovascular System of a Healthy Person.

PUBLICATION:

Vop Kurot Fizioter 28(3), 223-229, 1963, JPRS21067.

DC 00000710 001

AUTHOR:

Odeblad, E.

TITLE:

Micro-NMR in High Permanent Magnetic Fields, Theoretical and Experimental Investigations with an Application to the Secretions from Single Glandular Units in the Human Uterine Cervix.

PUBLICATION:

Acta Obstet Gynec Scand 45, suppl 2:1-188, 1966.

DC 00000711 001

AUTHOR:

Oldenforf, W.

TITLE:

Focal Neurologic Lesions Produced by Microwave Irradiation.

PUBLICATION:

Proc Soc Exp Biol Med 72:432-434, 1949.

DC 00000067 001

AUTHOR:

Orlova, A. A.

TITLE:

The Clinic of Changes of the Internal Organs Under the Influence of UHF.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:36-40, 1960, JPRS12471.

DC 00000714 001

AUTHOR:

Orlova, A. A.

TITLE:

The Condition of the Cardiovascular System During Exposure to SHF UHF and HF Fields.

PUBLICATION:

Fizicheskaya Faktory Vneshney Sredy, Moscow:171-176, 1960.

DC 00000712 001

AUTHOR:

Orlova, A. A.

TITLE:

The Action of Ultrahigh and High Frequency Fields on the Internal Organs.

PUBLICATION:

Thesis of Reports to the Jubilee Scientific Session of the Inst of Labor Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Dedicated to the 40th Anniversary of the Great October Socialist Revolution, Part 2, Moscow, 65, 1957.

DC 00000713 001

AUTHOR:

Orlova, A. A.

TITLE:

Clinical Aspects of Changes in the Internal Organs During Exposure to Radiowaves of Various Frequencies.

PUBLICATION:

Gig Tr Biol Deystviye Elekticheskikh Voin Radiochastot. Tezisy Dokladov, Moscow:25-26, 1959.

DC 00000716 001

AUTHOR:

Osborn, S. L. and Frederick, J. M.

TITLE:

Microwave Radiation. Heating of Human and Animal Tissues by Means of High Frequency Current with Wavelength of Twelve Centimeters.

PUBLICATION:

JAMA 137(12):1036-1040, 1948.

DC 00000717 001

AUTHOR:

Osborne, S. L. and Frederick, J. M.

TITLE:

Heating of Human and Animal Tissues by Means of High Frequency Current of 12 Cm Wavelength (Microtherm).

PUBLICATION:

z Quart Bull Northwestern Univ Med School 23:222-228, 1949.

DC 00000715 001

AUTHOR:

Osborne, S. L. and Bellenger, J.

TITLE:

Heating of Human Maxillary Sinus by Microwaves.

PUBLICATION:

Brit J Phys Med 13:177-180, 1950.

DC 00000725 001

AUTHOR:

Osipov, Yu. A.

TITLE:

Labor Hygiene and the Effect of Basic Frequency Electromagnetic Fields on Workers.

PUBLICATION:

Meditsina Publishing House, Leningrad, 1-220, 1965.

DC 00000061 001

AUTHOR:

Osipov, Uy. A.; Kalyada, T. V. and Kulikovskaya, Ye. L.

TITLE:

Observations on Certain Functional Changes which Occur During Work in People Exposed to Irradiation with Centimeter Waves in an Electromagnetic Field.

PUBLICATION:

Gig Sanit (6):81-86, 1962, JPRS15644.

DC 00000038 001

AUTHOR:

Osipov, Uy. A.; Kulikovskaya, Ye. L.; Kalyada, T. V.

TITLE:

Conditions of Superhigh Frequency Electromagnetic Field Irradiation of those Working on the Tuning and Testing of Radio Engineering Instruments.

PUBLICATION:

Gig Sanit 27(2):100-103, 1962, JPRS13691.

DC 00000719 001

AUTHOR:

Osipov, Yu. A.

TITLE:

High Frequency Currents from the Standpoint of Occupational Pathology.

PUBLICATION:

Vrach Delo (11), 1018-1020, 1952.

DC 00000727 001

AUTHOR:

Osipov, Yu. A. and Kalyada, T. V.

TITLE:

Temperature Reaction of the Skin During Irradiation With Microwaves of Low Intensity.

PUBLICATION:

Gig Sanit (10):73-78, 1963, JPRS23287.

DC 00000722 001

AUTHOR:

Osipov, Yu. A.

TITLE:

Potential Organic Lesions During Work With High Frequency Currents.

PUBLICATION:

Vrach Delo (4):345-346, 1955.

DC 00000718 001

AUTHOR:

Osipov, Yu. A.

TITLE:

The Effect of Ultrahigh Frequencies Under Industrial Conditions.

PUBLICATION:

Gig Sanit (6):22-23, 1952, ATDP6568, Abstr.

DC 00000720 001

AUTHOR:

Osipov, Yu. A.

TITLE:

Dispensary Service Offered Workers Engaged in Work with High Frequency Currents.

PUBLICATION:

Sovet Zdravookhr (2):44-47, 1953.

DC 00000726 001

AUTHOR:

Osipov, Yu. A.

TITLE:

Measures of Protection, Therapy and Prophylaxis to be Taken During Work With Radio Frequency Oscillations.

PUBLICATION:

Occupational Hygiene and the Effect of Radio Frequency Electromagnetic Fields on Workers, Izd, meditsina, Leningrad: 219-220, 1965, JPRS32735.

DC 00000723 001

AUTHOR:

Osipov, Yu. A.

TITLE:

Biological Effect of Radio Frequency Electromagnetic Field.

PUBLICATION:

Occupational Hygiene and the Effect of Radio Frequency Electromagnetic Fields on Workers, Izd Med, Leningrad, 78-103, 1965.

DC 00000724 001

AUTHOR:

Osipov, Yu. A.

TITLE:

The Health of Workers Exposed to Radio Frequency Radiation.

PUBLICATION:

Occupational Hygiene and the Effect of Radio Frequency Electromagnetic Fields on Workers, Leningrad, Izd. Meditsina, 104-144, 1965.

DC 00000721 001

AUTHOR:

Osipov, Yu. A.

TITLE:

Labor Hygiene Problems in the Industrial Use of High Frequency Currents.

PUBLICATION:

Papers of the 2nd Leningrad Conf on Industrial Uses of High Frequency Currents, Moscow, Leningrad, 26-31, 1954.

DC 00000728 001

AUTHOR:

Osipov, Yu. A.; Vol'fovskaya, R. M.; Asanova, T. P.; Kulikovskaya, Ye.; Kalyada, T. V. Shcheglova, A. V.

TITLE:

Concerning the Problem of the Combined Effect of a High Frequency Electromagnetic Field and X-ray Irradiation Under Industrial Conditions.

PUBLICATION:

Sanit 28(6):35-38, 1963, JPRS20872.

DC 00000729 001

AUTHOR:

Ott, V. R.; Rusch, D.; Ruiz-Blanco, B.

TITLE:

Experimental and Clinical Contribution to Decimeter Waves.

PUBLICATION:

Arch Phys Ther (Leipzig) 18:1-17, 1966.

DC 00000730 001

AUTHOR:

Overman, H. S.

TITLE:

Quick Formulas for Radar Safe Distances.

PUBLICATION:

Proc 4th Ann Tri-Service Conf Biol, Effects of Microwave Radiation, ed. M. P. Peyton, Plenum Press, N.Y., 1961.

DC 00000024 001

AUTHOR:

Paff, G. H.; Boucek, R. J.; Nieman, R. E. and Deichmann, W. B.

TITLE:

The Embryonic Heart Subjected to Radar.

PUBLICATION:

Anat Rec 147:379-385, 1963.

DC 00000732 001

AUTHOR:

Paff, G. H.; Deichmann, W. B.; Boucek, R. J.

TITLE:

The Effect of Microwave Irradiation on the Embryonic Chick Heart as Revealed by EKG Studies.

PUBLICATION:

Anat Rec 142(2):264, 1961.

DC 00000733 001

AUTHOR:

Paff, G. H.; Deichmann, W. B.; Brauzer, B.; Finnerty, D. E.

TITLE:

Observations on the Effects of Radar Upon the Embryonic Heart.

PUBLICATION:

Annual Report (Dec 31, 1959) of Microwave Radiation Research at the University of Miami, Coral Gables, Florida, Rome Air Devel Cent, Air Res Devel Command, Griffiss AFB, N.Y., 29-41, 1959, AD232925.

DC 00000734 001

AUTHOR:

Paliyev, B.

TITLE:

EKG Changes Occurring Under the Effects of a Superhigh Frequency Electromagnetic Field.

PUBLICATION:

Voennomed Zh Delo (4):34-41, 1966.

DC 00000735 001

AUTHOR:

Palladin, A. M., et al.

TITLE:

The Effect of SHF and UHF on the Specific Functions of Women Working With SHF UHF Generators.

PUBLICATION:

Akush Ginek (Moskva) (4):69-74, 1962.

DC 00000736 001

AUTHOR:

Palmisano, W. A. and Peczenik, A.

TITLE:

Some Considerations of Microwave Hazards Exposure Criteria.

PUBLICATION:

Milit Med 131:611-618, 1966.

DC 00000738 001

AUTHOR:

Panov, A. G. and Tyagin, N. V.

TITLE:

Symptomatology, Classification, and Expertise of the After Effects of a UHF Field on the Human Organism.

PUBLICATION:

Voennomed Zh (9):13-16, 1966.

DC 00000737 001

AUTHOR:

Panov, A. G.; Portnow, A. A.; Lobzin, V. S.; Polyakov, V. P.

TITLE:

Diencephalic Asthenic Conditions.

PUBLICATION:

Voennomed Zh (12):12-15, 1966.

DC 00000739 001

AUTHOR:

Parčžanadze, Sh. K.

TITLE:

The Mechanism of Action of HF VHF Electromagnetic Fields on the Organism.

PUBLICATION:

Thesis, Collected Abstracts of Papers from the Research Institute of Spa Therapy and Physiotherapy of the Georgian SSR, 21:198, 1954.

DC 00000740 001

AUTHOR:

Parin, V. V. (ed).

TITLE:
Aviation and Space Medicine.

PUBLICATION:
Akad Med Nauk SSSR, Moscow, 1963, NASATTF228.

DC 00000741 001

AUTHOR:
Parin, V. V. and Davydov, I. M.

TITLE:
The Influence of a UHF Field on Experimental Hypertension.

PUBLICATION:
Problems of Physiotherapy and the Science of Health Resorts,
Collection, Sverdlovsk, 178-181, 1940.

DC 00000742 001

AUTHOR:
Pattishall, E. G. (ed).

TITLE:
Proc Tri-Service Conf Biol Hazards Microwave Radiation.

PUBLICATION:
July 1957, AD115603.

DC 00000743 001

AUTHOR:
Pattishall, E. G. and Banghart, F. W. (eds).

TITLE:
Proc 2nd Tri-Service Conf Biol Effects of Microwave Energy.

PUBLICATION:
1958, AD131477.

DC 00000744 001

AUTHOR:
Peake, W. H.

TITLE:
The Interaction of Electromagnetic Waves with Some Natural
Surfaces.

PUBLICATION:
Ohio State Univ, Columbus, AF336166158, 1959, AD417869.

DC 00000745 001

AUTHOR:
Pelis, L. Jr.

TITLE:
The Hazards of Low Voltage Radiation.

PUBLICATION:
Industr Med Surg 33:866-868, 1964.

DC 00001106 001

AUTHOR:
Penners, S.

TITLE:
Hemodynamic Indices During the Action of SuperHigh Frequency
Electromagnetic Fields.

PUBLICATION:
Gig Tr Prof Zabol 7:18-21, 1966, ATD66123, N6714373.

DC 00000746 001

AUTHOR:
Pervushin, V. Yu. and Triumfov, A. V.

PUBLICATION:
Trans Milit Med Acad imeni S. M. Kirov, 73, 1957.

DC 00000748 001

AUTHOR:
Pervushin, V. Yu.

TITLE:
Changes Occurring in the Cardiac Nervous Apparatus Due to the
Action of Ultrahigh Frequency Field.

PUBLICATION:
Biull Eksp Biol Med 43(6):87-93, 1957.

DC 00000747 001

AUTHOR:
Pervushin, V. Yu.

TITLE:
Changes in the Nerve Apparatus of the Heart Under the Influence of
an Ultrahigh Frequency Field.

PUBLICATION:
Biull Eksp Biol Med 43(1-3), 1957.

DC 00000749 001

AUTHOR:
Pervushin, V. Yu. and Trimufoy, A. V.

TITLE:
Morphological Changes of Certain Organs in Rabbits Subjected to
SHF and UHF Fields.

PUBLICATION:
The Biological Action of Superhigh Electromagnetic Fields,
Leningrad, 141-151, 1957.

DC 00000751 001

AUTHOR:

Petrov, P. P.

TITLE:

The Effect of a Low Frequency Electromagnetic Field on Higher Nervous Activity.

PUBLICATION:

Inst Fiziol imeni I. P. Pavlova. Trudy 1:369-375, 1952.

DC 00000750 001

AUTHOR:

Petrov, P. P.

TITLE:

The Effect of Electromagnetic Fields on Nerve Stimulation.

PUBLICATION:

New Findings in the Reflexology and Physiology of the Nervous System 3, Moscow, Leningrad, 1929.

DC 00000027 001

AUTHOR:

Petrov, I. P. (Prof.) and Yarovkhno, M. Ya.

TITLE:

Increased Resistance of UHF Under the Effects of Systematic Muscular Activity.

PUBLICATION:

Voennomed Zh (4):20-21, 1967, ACSIJ2558.

DC 00000752 001

AUTHOR:

Petrov, I. R. (Major Gen, Med Service, Active Mem USSR Acad Med Sci) and Subbota, A. G. (Col. Med Service, Candidate Med Sci).

TITLE:

Effect of Electromagnetic Radiations of Superhigh Frequency Range Upon the Organism.

PUBLICATION:

Voennomed Zh (2):16-21, 1966.

DC 00000030 001

AUTHOR:

Petrov, I. R. (Major Gen., Med. Service) and Subbota, A. G. (Lt. Col., Med. Service, Candidate of Med. Sci.).

PUBLICATION:

Voennomed Zh, 1964, ACSII7231.

DC 00000753 001

AUTHOR:

Petrov, I. R. and Yarokhno, W. Ya.

TITLE:

The Combined Effect on Animal Organisms of UHF Electromagnetic Waves and Breathing of a Gas Mixture with Reduced Oxygen Content.

PUBLICATION:

Voennomed Zh (7):26-30, 1967, ACSIJ3146.

DC 00000754 001

AUTHOR:

Peyton, M. F. (ed).

TITLE:

Biological Effects of Microwave Radiation.

PUBLICATION:

Proc 4th Ann Tri-Service Conf Biol Effects of Microwave Radiation, Plenum Press, N.Y., 16-18, 1961, AD244867.

DC 00000755 001

AUTHOR:

Pinakatt, T. L.; Richardson, A. W.; Cooper, T.

TITLE:

Effect of Digitoxin, on the Circulatory Response of Rats to Microwave Irradiation.

PUBLICATION:

Arch Int Pharmacodyn 156:151-160, 1965.

DC 00000756 001

AUTHOR:

Pinakett, T. and Richardson, A. W.

TITLE:

Effects of Ouabain on the Circulatory Response of the Rat to Microwave Hyperthermia.

PUBLICATION:

Fed Proc 22(2):176, 1963.

DC 00000758 001

AUTHOR:

Pinneo, L. R.; Baus, R.; McAfee, R. D.; Fleming, J. D.

TITLE:

The Neural Effects of Microwave Radiation.

PUBLICATION:

Tulane Univ, RADCTDR62231, 1-24, 1962, AD277684.

DC 00000757 001

AUTHOR:

Pinneo, L.; Spear, V. and Fleming, J.

TITLE:

Relationships Involved in Considering Effects of Microwaves in the Central Nervous System.

PUBLICATION:

Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N.Y., 227, July, 1961.

DC 00000759 001

AUTHOR:

Piontkovskiy, I. A.

TITLE:

The Effect of Ultrashort Waves on Reflex Excitability.

PUBLICATION:

Nauch Khronika GIFP, Moscow, (2), 1936.

DC 00000760 001

AUTHOR:

Pish, G.; Storey, W. H.; Truby, P.; Rollwitz, W.

TITLE:

Preliminary Investigation of the Applications of Magnetic Resonance Absorption Spectroscopy to the Study of the Effects of Microwaves on Biological Materials.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 251-270, 1959, RADCTR59140, AD234788.

DC 00000761 001

AUTHOR:

Pish, G.; Storey, Jr; William, H.

TITLE:

A Preliminary Investigation of the Applications of Magnetic Resonance Absorption Spectroscopy to the Study of the Effects of Microwaves on Biological Materials.

PUBLICATION:

Southwest Res Inst San Antonio, Tex, AF306021843, 1959, AD216431.

DC 00000762 001

AUTHOR:

Piskunova, V. G.

TITLE:

The Health of Workers Exposed to High Frequency cm Fields.

PUBLICATION:

Papers of the Scientific Sessions of Institute on Questions of Industrial Hygiene in Mining, Chemical, and Machine Construction Industries, Khar'kov, 45-46, 1956.

DC 00000764 001

AUTHOR:

Piskunova, V. G., et al.

TITLE:

The Health of Workers Exposed to High Frequency EM Fields.

PUBLICATION:

Sborn Rabot i Avtoref Po Voprosam Gig Tr, Kharkov, 144-146, 1958.

DC 00000763 001

AUTHOR:

Piskunova, V. G., et al.

TITLE:

Observation of the Health of Workers Exposed to High Frequency EM Fields.

PUBLICATION:

Gig Tr Prof Zabol, (6):27-30, 1957.

DC 00000765 001

AUTHOR:

Pitenin, I. V.

TITLE:

Pathologic Anatomic Changes in the Organs and Tissues of Animals Exposed to SHF UHF Electromagnetic Fields.

PUBLICATION:

Questions of Biological Activity of SHF Electromagnetic Fields, VMOIA, Leningrad, imeni S. M. Kirov, 1962.

DC 00000767 001

AUTHOR:

Pitenin, I. V. and Subbota, A. G.

TITLE:

The Formation of Ulcers in Rabbits Exposed to UHF Irradiation of the Epigastric Region.

PUBLICATION:

Biull Eksp Biol Med 60(9):55-59, 1965, ATD6675.

DC 00000766 001

AUTHOR:

Pitenin, I. V., et al.

TITLE:

On the Development of Gastric Ulcer in Rabbits Due to the Action of Ultrahigh Frequency Irradiation of the Epigastric Region.

PUBLICATION:

Biull Eksp Biol Med 60:55-9, 1965.

DC 00000768 001

AUTHOR:

Pizzolato, P.; Berger, C.; McAlfee, R. D.

TITLE:

Tissue Injury from Microwave Radiation.

PUBLICATION:

Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N.Y., 196, July, 1961.

DC 00000769 001

AUTHOR:

Plekhanov, G. F. and Vedyushkina, V. V.

TITLE:

Effect of an EMF on Human Reflexes.

PUBLICATION:

Ah Vyssh Nerv Deiat Pavlov 16(1):34-37, 1966.

DC 00000770 001

AUTHOR:

Pobzhitkov, V. A.; Tyagin, M. V.; Grebeshechnikova, A. M.

TITLE:

The Influence of SHF Pulsed Electromagnetic Field on Conception and the Course of Pregnancy in White Mice.

PUBLICATION:

Biull Eksp Biol Med 51(5):615-618, 1961.

DC 00000771 001

AUTHOR:

Pokorny, J. and Jelinek, V.

TITLE:

The Effect of Coherent Electromagnetic Field on Neoplastic Malignant Processes.

PUBLICATION:
Casopis Lekaru Ceskych 107(16):474-482, 1968.

DC 00000772 001

AUTHOR:
Pol, W.

TITLE:
Effect of Microwaves Emitted by Radar Transmitters on the Organization of Cataracts.

PUBLICATION:
Lekarz Wojskowy (4):318-327, 1962, AD433135.

DC 00000773 001

AUTHOR:
Pollack, H. and Healer, J.

TITLE:
Review of Information on Hazards to Personnel from High Frequency Electromagnetic Radiation.

PUBLICATION:
Institute for Defense Analyses Research and Engineering Support Division, ARA Project 8348.

DC 00000775 001

AUTHOR:
Popov, N. A. and Morkovnikova, Ye. P.

TITLE:
The Problems of the Effect of High Frequency Field on the Vegetative Cerebral Centers.

PUBLICATION:
Biull Eksp Biol Med 6(1), 1940.

DC 00000774 001

AUTHOR:
Popov, N. A.; Gubarev, P. A.; Vadinova, M. A.; Malevannaya, Yu. T.

TITLE:
Concerning the Local Effect of Diathermy and UHF on the So Called Vegetative Centers of the Brain.

PUBLICATION:
Gosudarstvenny nauchno-issledovatel'skiy instiut fizioterapii. Trudy (6):214, 1940.

DC 00000776 001

AUTHOR:
Povzhitzkov, V. A.; Tyagin, M. V.; Grebeshechnikova, A. M.

TITLE:

The Influence of Super High Frequency Pulsed Electromagnetic Field on Conception and the Course of Pregnancy in White Mice.

PUBLICATION:

Biull Eksp Biol Med 51(5):103-107, 1961.

DC 00000777 001

AUTHOR:

Powell, C. C.

TITLE:

Radiation Hazards.

PUBLICATION:

Amer J Public Health 49:1-9, 1959.

DC 00000779 001

AUTHOR:

Prausnitz, S. and Susskind, C.

TITLE:

Effects of Chronic Microwave Irradiation on Mice.

PUBLICATION:

Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N.Y., 226, July 1961. IRE Trans Biomed Electronics 9(2):104-108, 1962.

DC 00000778 001

AUTHOR:

Prausnitz, S.; Susskind, C.

TITLE:

Temperature Regulation in Laboratory Animals Irradiated with 3Cs Microwaves.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 33-45, 1959, RADCTR59140, AD234788.

DC 00000780 001

AUTHOR:

Prausnitz, S.; Susskind, C.; Vogelhut, P.

TITLE:

Longevity and Cellular Studies with Microwaves.

PUBLICATION:

Proc 4th Ann Tri-Service Conf Biol Effects Microwaves Radiation, ed. M. P. Peyton, Plenum Press, N.Y., 135-142, 1961.

DC 00000088 001

AUTHOR:

Presman, A. S. and Kamenskiy, Yu. I.

TITLE:

Apparatus for Investigating the Excitability of Nerve Muscle Preparations During Microwave Irradiation.

PUBLICATION:

Biofizika 6(2):231-233, 1961.

DC 00000789 001

AUTHOR:

Presman, A. S.

TITLE:

Effect of Microwaves on Paramecium.

PUBLICATION:

Biofizika 8(2):258-260, 1963.

DC 00000011 001

AUTHOR:

Presman, A. S. and Levitina, N. A.

TITLE:

Nonthermal Action of Microwaves on the Rhythm of Cardiac Contractions in Animals. Report I, Investigation of the Action of Continuous Microwaves.

PUBLICATION:

Biull Eksp Biol Med 53(1):41-45, 1962, ATDP6568.

DC 00000051 001

AUTHOR:

Presman, A. S.

TITLE:

Method of Experimentally Irradiating Small Animals with Centimeter Waves.

PUBLICATION:

Biofizika 3(3):335-339, 1958, ATDP6568.

DC 00000783 001

AUTHOR:

Presman, A. S.

TITLE:

Method of Protection from the Action of Radio Frequency Electromagnetic Fields Under Industrial Conditions.

PUBLICATION:
Gig Sanit (1):21-27, 1958.

DC 00000060 001

AUTHOR:
Presman, A. S.

TITLE:
The Action of Microwaves on Living Organisms and Biological Structures.

PUBLICATION:
Usp Fiziol Nauk 86(2):263-302, 1965, JPRS33054.

DC 00000090 001

AUTHOR:
Presman, A. S.

TITLE:
Problems of the Mechanism of the Biological Effect of Microwaves.

PUBLICATION:
Usp Sovr Biol 56(2):161-179, 1963.

DC 00000784 001

AUTHOR:
Presman, A. S.

TITLE:
Microwaves in Physiotherapy and Biological Investigations.

PUBLICATION:
Elektronika v Meditsine, ed. A. I. Berg, Moscow, Leningrad, Energoizdat, 219-227, 1960.

DC 00000793 001

AUTHOR:
Presman, A. S. and Levitina, M. A.

PUBLICATION:
Biull Exp Biol Med 53:154-157, 1963.

DC 00000015 001

AUTHOR:
Presman, A. S.

TITLE:
Experimental Apparatus for Microwave Irradiation of Protein Solutions.

PUBLICATION:
Biofizika 6(3):370-371, 1961.

DC 00000781 001

AUTHOR:
Presman, A. S.

TITLE:
The Electromagnetic Field as a Hygienic Factor.

PUBLICATION:
Gig Sanit (9):32-37, 1956.

DC 00000786 001

AUTHOR:
Presman, A. S.

TITLE:
The Hygienic Evaluation of High Frequency Electromagnetic Fields.

PUBLICATION:
Fizicheskiye Taktory Vneshney Sredy, Moscow, 142, 1960.

DC 00000788 001

AUTHOR:
Presman, A. S.

TITLE:
Problems Concerning the Mechanism of the Nonthermal Effect of
Microwaves.

PUBLICATION:
Works of the 2nd All Union Conf on the Use of Radio Electronics in
Biol and Med 21, 1962.

DC 00000007 001

AUTHOR:
Presman, A. S.

TITLE:
Temperature Changes of the Human Skin Irradiated with Low Intensity
Waves Several CM in Length.

PUBLICATION:
Biull Eksp Biol Med 43(2):51, 1957.

DC 00000787 001

AUTHOR:
Presman, A. S.

TITLE:
More Intricate Methods of Investigation are Needed.

PUBLICATION:
Nauka i zhizn', (7):88-89, 1961.

DC 00000009 001

AUTHOR:
Presman, A. S.

TITLE:
The Role of Electromagnetic Fields in Physiological Processes.

PUBLICATION:
Biofizika 9(1):131-134, 1964, PSTC381T65601, AD625857.

DC 00000791 001

AUTHOR:
Presman, A. S. and Kamenskiy, Yu. I.

TITLE:
Experimental Apparatus for Studying the Excitability of
Neuromuscular Preparations During Irradiation by Microwaves.

PUBLICATION:
Biofizika 6(2):231-233, 1961.

DC 00000792 001

AUTHOR:
Presman, A. S. and Kamenskiy, Yu. I.

TITLE:
Apparatus for Investigating the Excitability of Nerve Muscle
Preparations During Microwave Irradiation.

PUBLICATION:
Uspe Sovr Biol 6(2):231-233, 1961.

DC 00000012 001

AUTHOR:
Presman, A. S. and Levitina, N. A.

TITLE:
Nonthermal Action of Microwaves on the Rhythm of Cardiac
Contractions in Animals. Report II, Investigation of the Action of
Pulsed Microwaves.

PUBLICATION:
Biull Eksp Biol Med 53(2):39-43, 1962, ATDP6568.

DC 00000055 001

AUTHOR:
Presman, A. S. and Levitina, N. A.

TITLE:
Influence of Nonthermal Microwave Radiation on the Survivability
of Gamma Irradiated Animals.

PUBLICATION:
Radiobiologiya 2():170-171, 1962.

DC 00000782 001

AUTHOR:
Presman, A. S.

TITLE:
Physical Bases for the Biological Action of Centimeter Waves.

PUBLICATION:
Usp Sovr Biol 41(1):40-54, 1956.

DC 00001107 001

AUTHOR:
Presman, A. S.

TITLE:
Effect of Electromagnetic Radiations on Living Organisms.

PUBLICATION:
Nauka Zhizn, Moscow (5):82-88, 1965, JPRS31501, TT6531997,
N6531004.

DC 00000014 001

AUTHOR:
Presman, A. S. and Rapoport, S. M.

TITLE:
Effect of Microwaves on the Irritable System of Paramecia.

PUBLICATION:
Biull Eksp Biol Med 59(4):48-52, 1965, ATD6675, JPRS36906.

DC 00000785 001

AUTHOR:
Presman, A. S.

TITLE:
An Experimental Device for the Dosed Irradiation of Rabbits with
Microwaves in the 10 Centimeter Range.

PUBLICATION:
Nov Med Tekhn (4):51-55, 1960.

DC 00000790 001

AUTHOR:
Presman, A. S.

TITLE:
Investigation of the Biological Effect of Microwaves.

PUBLICATION:
Zarubezhnaya Radioelektronika (3):63, (4):67, 1964.

DC 00000053 001

AUTHOR:

Presman, A. S.; Kamenskiy, Yu. I. and Levitina, N. A.

TITLE:

The Biological Action of Microwaves.

PUBLICATION:

Usp Sovr Biol 51(1):84-103, 1961, JPRS9451.

DC 00000795 001

AUTHOR:

Promtova, T. N.

TITLE:

The Effect of a Continuous UHF Electric Field on the Higher Nervous Activity in Dogs Under Normal and Pathological Conditions.

PUBLICATION:

Phur Vyssh Nerv Deyatel Mosti 6(6):846-854, 1956.

DC 00000794 001

AUTHOR:

Promtova, T. N.

TITLE:

Influence of a Continuous Electrical Ultrashort Wave Field on Higher Nervous Activity of Dogs in Normal and Pathological States.

PUBLICATION:

Zh Nevropat Deiafel' 6:846-854, 1956.

DC 00000001 001

AUTHOR:

Pukhov, V. A.

TITLE:

UHF Electromagnetic Wave Effect on Mice with Induced Changes of the Functional State of the CNS.

PUBLICATION:

Pat Fiziol Eksp Ter 9(6):72-73, 1965, JPRS36906.

DC 00000796 001

AUTHOR:

Puschner, H.

TITLE:

Heating With Microwaves.

PUBLICATION:

Springer Verlag, New York, Inc, Philips Tech Lib, 1966.

DC 00000797 001

AUTHOR:

Quan, K. C.

TITLE:

Hazards of Microwave Radiations, a Review.

PUBLICATION:

Industr Med Surg 29:315-8, July 1960.

DC 00000798 001

AUTHOR:

Rae, J. Jr.; Herrick, Jr.; Makin, K.; Krusen, F.

TITLE:

A Comparative Study of the Temperatures Produced by Microwave and Shortwave Diathermy.

PUBLICATION:

Arch Phys Med 30:199-211, 1949.

DC 00000799 001

AUTHOR:

Rae, J. Jr.; Martin, G.; Treanor, W.; Krusen, F.

TITLE:

Clinical Experience With Microwave Diathermy.

PUBLICATION:

Proc Staff Meet Mayo Clinic 25:441-446, 1950.

DC 00000800 001

AUTHOR:

Raichilmon, R. R. and Emery, E.

TITLE:

Deleterious Effects of the Radar Beam.

PUBLICATION:

Lockheed Aircraft Corp, Calif, Rpt. ERN5217, 1951.

DC 00000801 001

AUTHOR:

Rawls, O. B.; Stilwell, R. J.; McDonald, B. M.

TITLE:

RF Radiation Hazards.

PUBLICATION:

Air Force Missile Test Center, July 1961, AD206721.

DC 00000802 001

AUTHOR:
Revuts'kyy, Ye. L.

TITLE:
The Effect of HF, VHF and UHF on the Secretory and Excretory Functions of the Human Stomach.

PUBLICATION:
Fiziol Zh (Kiev) 11(3):380-384, 1965, ATDP4(43), 1965, Abstr.

DC 00000803 001

AUTHOR:
Revutsky, Ye. L. and Eydelman, P. M.

TITLE:
Effects of Meter and Centimeter Waves on Human Hemodynamics.

PUBLICATION:
Fiziol Zh (Kiev) 10(3):379-382, 1964, ATDP6568.

DC 00000048 001

AUTHOR:
Revutsky, Ye. L.

TITLE:
Effect of High Frequency Electromagnetic Vibrations on the Motor Function of the Human Stomach.

PUBLICATION:
Fiziol Zh (Kiev) 10(5):636-640, 1964, JPRS27982, NN6615058.

DC 00000804 001

AUTHOR:
Reynolds, M. R.

TITLE:
Development of a Garment for Protection of Personnel Working in High Power RF Environments.

PUBLICATION:
Proc 4th Ann Tri-Service Conf Biol Effects of Microwave Radiation, ed. M. P. Peyton, Plenum Press, N.Y., 71-84, 1961.

DC 00001108 001

AUTHOR:
Reyzin, M. S. and Motanyi, P. E.

PUBLICATION:
Sbornik Rabot Institut Fiziologii Dnepropetrovsk, Universitet, 2:21, 1939.

BLANK PAGE

DC 00000808 001

AUTHOR:

Richardson, A. W.

TITLE:

Studies Concerned with the Biologic Effects of Microwave Irradiations of Various Different Frequencies.

PUBLICATION:

Saint Louis Univ, School Med, MONR130402, 1966, AD484726L.

DC 00001110 001

AUTHOR:

Richardson, A. W.

TITLE:

Biologic Effects on NonIonizing Electromagnetic Radiations.

PUBLICATION:

Scientia 103(677-678):447-453, 1968, A6980570.

DC 00000806 001

AUTHOR:

Richardson, A. W.

TITLE:

Blood Coagulation Changes Due to Electromagnetic Microwave Irradiations.

PUBLICATION:

Saint Louis Univ, Mo, DA360353C78122, 1959, AD229267.

DC 00000812 001

AUTHOR:

Richardson, A.; Lonax, D.; Nichols, J.; Green, H.

TITLE:

The Role of Energy, Pupillary Diameter and Alloxan Diabetes in the Production of Ocular Damage by Microwave Irradiation.

PUBLICATION:

Amer J Ophthal 35:993-1000, 1952.

DC 00000811 001

AUTHOR:

Richardson, A.; Imig, C.; Feucht, B.; Hines, H.

TITLE:

The Relationship Between Deep Tissue Temperature and Blood Flow During Electromagnetic Irradiation.

PUBLICATION:

Arch Phys Med 31:19-25, 1950.

DC 00000813 001

AUTHOR:

Richter, W. R.

TITLE:

Effects of RF Energy on Tissue Cultures.

PUBLICATION:

Army Med Res Lab, Fort Knox, Ky, 1964, AD440272.

DC 00000814 001

AUTHOR:

Rieke, P. E.

TITLE:

Unplanned Radio Wave Diathermy at Place of Work.

PUBLICATION:

Industr Med Surg 23:328, 1953.

DC 00000815 001

AUTHOR:

Roberts, J. E. and Cook, H. P.

TITLE:

Microwaves in Medical and Biological Research.

PUBLICATION:

Brit J Appl Physics 3:33-40, 1952.

DC 00000816 001

AUTHOR:

Rogovaya, T. Z., et al.

TITLE:

The State of Health of Workers Having a Lasting Contact with High Frequency Points.

PUBLICATION:

Gig Tr Biol Deystviye Elektronagneticheskikh Voln Radiochastot, Teksizy Doklany, Moscow, 34, 1959.

DC 00000817 001

AUTHOR:

Roman, J.

TITLE:

Radio Frequency Hazards Aboard Naval Ships.

PUBLICATION:

Proc 2nd Ann Tri-Service Conference Biol Effects Microwave Energy, eds. G. G. Pattishall and P. W. Sanghart, 70-87, 1958, ARDCTR5854,

AD131477.

DC 00000818 001

AUTHOR:

Romanov, V. I.

TITLE:

High Frequency Fields as a Method of Studying Molecular Structure.

PUBLICATION:

Trans 1st Conf on Problems Appl of Shortwaves and Ultrashort Waves in Med, Medgiz, 1940.

DC 00000819 001

AUTHOR:

Ronald, K.

TITLE:

The Effects of Physical Stimuli on the Larval Stage of Tenanova Decipiens, III Electromagnetic Spectrum Galvanotaxis.

PUBLICATION:

Canad J Zool 41(2):197-217, 1962.

DC 00001111 001

AUTHOR:

Roth, H.

TITLE:

Microwave Radiation.

PUBLICATION:

Compendium of Human Responses to the Aerospace Environ, Nov, 1968, N6912435.

DC 00000820 001

AUTHOR:

Royer, R.; Wakim, K.; Levesteur, S.; Krusen, P.

TITLE:

Influence of Microwave Diathermy on Swelling and Trisums Resulting From Odontectomy.

PUBLICATION:

Arch Phys Med 31:557-566, 1950.

DC 00000821 001

AUTHOR:

Rozanova, O. S.

TITLE:

Significance of the Frequency Factor for the Bioeffects of a HF VHF Electric Field.

PUBLICATION:

Fizioterapiya (2), 1939.

DC 00000822 001

AUTHOR:

Rozenberg, P. A. and Gel'fon, I. A.

TITLE:

The Effect of UHF Therapy on the Silicon Content in the Lungs and Bifurcation Lymph Nodes during Experimental Silicosis.

PUBLICATION:

Gig Tr Prof Zabol (5):52-53, 1966.

DC 00001112 001

AUTHOR:

Rubin, L. and Vorob'yev, I.

PUBLICATION:

Kurortologii i Fizioter 1:11, 1936.

DC 00000058 001

AUTHOR:

Sadchikova, M. N. and Orlova, A. A.

TITLE:

Clinical Picture of the Chronic Effect of Electromagnetic Microwaves.

PUBLICATION:

Gig tr Prof Zabol 2(1):18-22, 1958, JPRS11451D, Abstr.

DC 00000066 001

AUTHOR:

Sadchikova, M. N.

TITLE:

State of the Nervous System Under the Influence of UHF.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:32-35, 1960, JPRS12471.

DC 00000823 001

AUTHOR:

Sadchikova, M. N.

TITLE:

Clinical Aspects of Changes Within the Nervous System Induced by the Action of Radio Waves of Various Ranges.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 110-113, 1964.

DC 00000829 001

AUTHOR:

Saito, M. and Schwan, H. P.

TITLE:

The Time Constants of Pearl Chain Formation.

PUBLICATION:

Proc 4th Ann Tri-Service Conf Biol Effects Microwave Radiation, ed. M. F. Peyton, Plenum Press, N.Y. 1961, AD244867.

DC 00000830 001

AUTHOR:

Saito, M.; Sher, L. D.; Schwan, H. P.

TITLE:

RF Field Induced Forces on Microscopic Particles.

PUBLICATION:

Digest 1961 Internat Conf Med Electr, Biol Effects of Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N.Y., 153, July, 1961.

DC 00000832 001

AUTHOR:

Salati, O. M. and Schwan, H. P.

TITLE:

A Technique for Relative Absorption Cross Section Determination.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 107-12, 1959, RADCTR59140, AD234788.

DC 00000831 001

AUTHOR:

Salati, O. M.; Anne, A.; Schwan, H. P.

TITLE:

Radio Frequency Radiation Hazards.

PUBLICATION:

Elect Industr, Nov, 1962.

DC 00000833 001

AUTHOR:

Saley, A. P.

TITLE:

The Effect of the Energy of an Electromagnetic Field of Varying Frequency on the Secretion of the Salivary Glands.

PUBLICATION:
Voronezh, Izo-vo Voronezh, Univ, 50-58, 1964.

DC 00000835 001

AUTHOR:
Salisbury, W. W.; Clark, J. W.; Hines, H. M.

TITLE:
Exposure to Microwaves.

PUBLICATION:
Electronics 22:66-67, 1949.

DC 00000834 001

AUTHOR:
Salisbury, W. W.; Clark, J. W.; Hines, H. M.

TITLE:
Physiological Damage Due to Microwaves.

PUBLICATION:
Collins Radio Co Eng Rpt CER153, Cedar Rapids, Iowa, 1948.

DC 00001113 001

AUTHOR:
Sawicki, W. and Ostrowski, K.

TITLE:
Nonthermal Effect of Microwave Radiation in Vitro on Peritoneal
Mast Cells of the Rat.

PUBLICATION:
Amer J Phys Med 47:225-234, 1968, A6980117.

DC 00000836 001

AUTHOR:
Sawinska, A.; Bielski, J.; Walaszkowski, A.

TITLE:
Health Conditions of Workers at Radio Television Stations Exposed
to the High Frequency Electromagnetic Field.

PUBLICATION:
Przegl Lek 23:742-744, 1967.

DC 00001114 001

AUTHOR:
Sax, I. M.

TITLE:
Dangerous Properties of Industrial Materials.

PUBLICATION:
Reinhold Pub Corp, N.Y., 1957.

DC 00000056 001

AUTHOR:
Sazonova, T. Ye.

TITLE:
Effect of Low Frequency Electromagnetic Field on the Motor Function of Animals.

PUBLICATION:
Vestn Leningr Univ (Biol) (1):109-116, 1964, Abstr.

DC 00000057 001

AUTHOR:
Sazonova, T. Ye.

TITLE:
The Effect of a High Gradient Low Frequency Electromagnetic Field on the Efficiency of an Altered Motor Structure.

PUBLICATION:
Vestn Leningr Univ (Biol) (3):82-86, 1964, Abstr.

DC 00000837 001

AUTHOR:
Schliephake, E.

TITLE:
Supersonic and Ultrashort Waves.

PUBLICATION:
Brit J Phys Med 13:145-152, 1950.

DC 00000838 001

AUTHOR:
Schlink F., et al.

TITLE:
Effect of Ultrashort Wave Diathermy on Blood.

PUBLICATION:
Brit J Phys Med 17:39-42, 1954.

DC 00000844 001

AUTHOR:
Schwan, H.

TITLE:
Application of UHF Impedance Measuring Techniques in Biophysics.

PUBLICATION:
IRE Trans PGI4, 75-83, 1955.

DC 00000846 001

AUTHOR:
Schwan, H.

TITLE:
Theoretical Considerations Pertaining to Thermal Dose Meters.

PUBLICATION:
Proc 3rd Ann Tri-Service Conference Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 94-106, 1959, RADCTR59140, AD234788.

DC 00000841 001

AUTHOR:
Schwan, H. and Carstensen, E.

TITLE:
Application of Electric and Acoustic Impedance Measuring Techniques to Problems in Diathermy.

PUBLICATION:
AIEE Trans 72:106, 1953.

DC 00000842 001

AUTHOR:
Schwan, H. P.

TITLE:
Influence of Electromagnetic Radiation on Biological Material.

PUBLICATION:
Final Report, ONR Contract 551(13), 1954-1957, AD149535.

DC 00000843 001

AUTHOR:
Schwan, H. P.

TITLE:
Electrical Properties of Body Tissues and Impedance Plethysmography.

PUBLICATION:
IRE Trans Med Electr PGME-3:32-46, 1955.

DC 00001116 001

AUTHOR:
Schwan, H. P.

TITLE:
Nonthermal Effects of Alternating Electrical Fields on Biological Structures.

PUBLICATION:
Technical Progress Report, 1965, AD615661, N6528329.

DC 00000939 001

AUTHOR:
Schwan, H. P.

TITLE:
Absorption and Energy Transfer Characteristics of Microwaves and
Ultrasound in Tissues.

PUBLICATION:
Med Physics, ed. O. Glasser, Yearbook Pub Chicago 3-7, 1960.

DC 00000845 001

AUTHOR:
Schwan, H. P.

TITLE:
Alternating Current Spectroscopy of Biological Substances.

PUBLICATION:
Proc IRE 47:1841-1855, 1959.

DC 00000840 001

AUTHOR:
Schwan, H. P.

TITLE:
Survey of Microwave Absorption Characteristics of Body Tissue.

PUBLICATION:
Electromed Lab, Moore School Elect Eng, Univ Penn.

DC 00001115 001

AUTHOR:
Schwan, H. P.

TITLE:
Nonthermal Effects of Alternating Electrical Fields on Biological
Structures, Final Report.

PUBLICATION:
1 Jan 1964, AD600263, N6428812, N55105.

DC 00000850 001

AUTHOR:
Schwan, H. P. and Li, K.

TITLE:
Capacity and Conductivity of Body Tissue at Ultrahigh Frequencies.

PUBLICATION:
Proc IRE 41:1835-1740, 1953.

DC 00000852 001

AUTHOR:

Schwan, H. P. and Li, K.

TITLE:

Hazards Due to Total Body Irradiation by Radar.

PUBLICATION:

Penn Univ, Phil, Moore School Elect Eng, NONR55105, 1955, AD122467. Proc IRE 44(11):1572-1581, 1956.

DC 00000859 001

AUTHOR:

Schwan, H. P. and Piersol, G. M.

TITLE:

Absorption of Electromagnetic Energy in Body Tissues, Part II.

PUBLICATION:

Penn Univ, Phil, Moore School Elect Eng, NONR55105, 1954, AD83453. Amer J Phys Med 34:425-448, 1955.

DC 00000851 001

AUTHOR:

Schwan, H. P. and Li, K.

TITLE:

The Mechanism of Absorption of Ultrahigh Frequency Electromagnetic Energy in Tissues, as Related to the Problem of Tolerance Dosage.

PUBLICATION:

Penn Univ, Phil, Moore School Elect Eng, NONR55105, 1955, AD80164. IRE Trans Med Electr 4:45-49, 1956.

DC 00001117 001

AUTHOR:

Schwan, H. P. and Sher, L. D.

TITLE:

Alternating Current Field Induced Forces and Their Biological Implications.

PUBLICATION:

J electrochem Soc 116(1):22C-26C, 1969.

DC 00000856 001

AUTHOR:

Schwan, H. P. and Pauly, H.

TITLE:

Electrical Substitutes for Human Tissues.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 113-233, 1959, RADCTR59140, AD234788.

DC 00000854 001

AUTHOR:

Schwan, H. P. and Li, K.

TITLE:

Dielectric Properties of Hemoglobin at Ultrahigh Frequencies.

PUBLICATION:

Proc 1st Nat Biophysics Conf, Columbus, Ohio, eds. H. Quastler and H. Morowitz, Yale Univ, New Haven, 355-356, 1959.

DC 00000853 001

AUTHOR:

Schwan, H. P. and Li, K.

TITLE:

Variations Between Measured and Biologically Effective Microwave Diathermy Dosage.

PUBLICATION:

Arch Phys Med 36 (6):363-370, 1955.

DC 00000858 001

AUTHOR:

Schwan, H. P. and Piersol, G. H.

TITLE:

The Absorption of Electromagnetic Energy in Body Tissues, Part I.

PUBLICATION:

Amer J Phys Med 33 (6):371-404, 1954.

DC 00000357 001

AUTHOR:

Schwan, H. P. and Piersol, G. H.

TITLE:

Absorption of Electromagnetic Energy in Body Tissue, Review and Critical Analysis.

PUBLICATION:

Arch of Phys Med 33:34, 1953.

DC 00000855 001

AUTHOR:

Schwan, H. P. and Maczuk, J.

TITLE:

Electrical Relaxation Phenomenon of Biological Cells and Colloidal Particles at Low Frequencies.

PUBLICATION:

Proc 1st Nat Biophysics Conf, Columbus, Ohio, eds. H. Quastler and H. Morowitz, Yale Univ P, New Haven, 348-355, 1959.

DC 00000849 001

AUTHOR:

Schwan, H. P.; Carstensen, E.; Li, K.

TITLE:

Electric and Ultrasonic Deep Heating Diathermy.

PUBLICATION:

Electronics 27:172-175, 1954.

DC 00000860 001

AUTHOR:

Schwan, H. P.; Salati, O. M.; Anne, A.; Saito.

TITLE:

Effects of Microwaves on Mankind.

PUBLICATION:

Penn Univ, Phil, 3rd Ann Progress Rpt, 1960, AD217618.

DC 00000848 001

AUTHOR:

Schwan, H. P.; Carstensen, E.; Li, K.

TITLE:

Comparative Evaluation of Electromagnetic and Ultrasonic Diathermy.

PUBLICATION:

Arch Phys Med 35:13-19, 1954.

DC 00000847 001

AUTHOR:

Schwan, H.; Carstensen, E.; Li, K.

TITLE:

Heating of Fat Muscle Layers by Electromagnetic and Ultrasonic Diathermy.

PUBLICATION:

AIEE Trans 72:483, 1953.

DC 00000861 001

AUTHOR:

Schwartz, R. P.

TITLE:

Precision Microwave Power Measurements, A Survey.

PUBLICATION:
Elect Industr, 88-96, June 1966.

DC 00001118 001

AUTHOR:
Schwartzkoff, J.

TITLE:
On the Question of the Perception of Ultrashortwaves by Migratory Birds.

PUBLICATION:
Die Vogelwarte 15(3):194-196, 1950, N6528815.

DC 00000862 001

AUTHOR:
Searle, G. W.; Imig, C. J.; Dahlen, R. W.

TITLE:
Studies with 2450MC CW Exposures to the Heads of Dogs.

PUBLICATION:
Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 54-61, 1959, RADCTR59140, AD234788.

DC 00000863 001

AUTHOR:
Sedlacek, J. and Macek, O.

TITLE:
First Attempt to Analyze the Substance of the High Frequency Impedance of Cerebral Tissue.

PUBLICATION:
Sborn Lek 68:28-35, 1966.

DC 00000864 001

AUTHOR:
Seipel, J. H. and Morrow, R. D.

TITLE:
The Magnetic Field Accompanying Neuronal Activity: A New Method for the Study of the Nervous System.

PUBLICATION:
J Wash Academy Sci 50(6):1-4, 1960.

DC 00000865 001

AUTHOR:
Semenov, A. I.

TITLE:
Theory of Electromagnetic Waves.

PUBLICATION:

Moskva, Izd-vo Moskovskogo Universiteta, 1-254, 1962.

DC 00000866 001

AUTHOR:

Semenov, A. I.

TITLE:

Influences of an Ultrahigh Frequency (UHF) Electromagnetic Field on the Temperature in Rabbit Femoral Tissue.

PUBLICATION:

Biull Eksp Boil Med 60(7):64-66, 1965, ATD6675.

DC 00000867 001

AUTHOR:

Sercl, J., et al.

TITLE:

On the Effects of Cm Electromagnetic Waves on the Nervous System of Man, Radar.

PUBLICATION:

Aborn Ved Proc Lek Fak Karlov Univ 4(4):427-440, 1961.

DC 00001119 001

AUTHOR:

Seth, H. S. and Michaelson, S. M.

TITLE:

Microwave Cataractogenesis.

PUBLICATION:

J ccup Med 7:439-442, 1965, AF306022248, AECW7401ENG49, A6582061.

DC 00000868 001

AUTHOR:

Seth, H. S., et al.

TITLE:

Microwave Hazards Evaluation.

PUBLICATION:

Aerospace Med 35:734-8, 1964.

DC 00000869 001

AUTHOR:

Sevast'ianov, V. V.

TITLE:

On Measurements of the Intensity of Ultrahigh Frequency Electromagnetic Irradiations in Relation to Their Medical Evaluation.

PUBLICATION:
Voennomed Zh 7:21-25, 1965.

DC 00000870 001

AUTHOR:
Shcheglova.

TITLE:
On the Combined Action of High Frequency Field and X-ray in Industry.

PUBLICATION:
Gig Sanit 28(5):18-22, 1961, JPRS23898.

DC 00000871 001

AUTHOR:
Shemyakov, S. I.

TITLE:
Certain Data of Medical Observations in Radiotechnical Stations.

PUBLICATION:
Voennomed Zh (5):79-83, 1955.

DC 00000872 001

AUTHOR:
Shevchik, P. and Vetterl, V.

TITLE:
Complex Dielectric Permittivity of Solutions in the Centimeter Wave Band.

PUBLICATION:
Biofizika 10(3):441-446, 1965, ATD6655.

DC 00000873 001

AUTHOR:
Sheyvekhman, B. E.

TITLE:
The Effect of HF VHF Fields on the Auditory Sensibility During Application of Electrodes to the Projection Area of the Cortical Auditory Region (Squama Temporalis).

PUBLICATION:
Probl Fiziol Akustiki 1:122-127, 1949.

DC 00000874 001

AUTHOR:
Shinowara, G. Y. and Horava, A.

TITLE:
The Biological Action of Ultrahigh Frequencies.

PUBLICATION:

Inst Contemporary Russian Studies 4(3):7-8, 1962.

DC 00000875 001

AUTHOR:

Shipp, L. M.

TITLE:

Electronics and Medicine.

PUBLICATION:

J Occup Med 7:423-430, 1965.

DC 00000876 001

AUTHOR:

Shtol'Tser, V. R.

TITLE:

Changes in the Activity of Hemostatic Blood Preparations Caused by the UHF Electric Field.

PUBLICATION:

Probl Hem Perel Krovi 3(3):178-183, 1958.

DC 00000877 001

AUTHOR:

Shvarts, Ya. I.

TITLE:

Local and Reflected Changes Due to Localized Action of HF VHF Field Upon the Cervicothoracic Segments of the Spinal Cord.

PUBLICATION:

Frunze, 1945.

DC 00000878 001

AUTHOR:

Sigel, M. M. and Burnstein, T.

TITLE:

Effect of Microwaves on Mammalian Cells Grown in Vitro.

PUBLICATION:

Annual Report (Dec 31, 1959) of Microwave Radiation Research at the University of Miami, Coral Gables, Florida, Rome Air Devel Cent, Air Res Devel Command, Griffiss AFB, N.Y. 52-56, 1959, AD232925.

DC 00000879 001

AUTHOR:

Silver, S.

TITLE:

Physical Aspects of Microwave Radiation.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, compiled by C. Susskind, 22-32, 1959, RADCTR59140, AD234788.

DC 00000880 001

AUTHOR:

Simmons, A. and Emerson, W.

TITLE:

Anochoic Chambers for Microwaves.

PUBLICATION:

Tele Tech Elect Ind, 7, 1953.

DC 00000881 001

AUTHOR:

Simonelli and Rizzini, V.

TITLE:

Effect of Microwaves on Eye; Preliminary Report.

PUBLICATION:

Gior Ital Oftal 4:10, 1951.

DC 00000883 001

AUTHOR:

Singatullina, R. G.

TITLE:

The Effect of Ultrahigh Frequency Currents on Blood Serum Protein Fractions.

PUBLICATION:

Biull Eksp Biol Med 52(7):69-72, 1961.

DC 00000882 001

AUTHOR:

Singatullina, R. G.

TITLE:

The Effect of UHF Currents on Blood Serum Protein Fraction.

PUBLICATION:

Biull Eksp Biol Med 52(7):812-815, 1961.

DC 00001120 001

AUTHOR:

Skachedub, R. G.

TITLE:

Hypothesis and Conclusions Concerning Biological Effects of a Magnetic Field.

PUBLICATION:

Nauka i Zhizn' 7:83-83, 1961.

DC 00001121 001

AUTHOR:

Slabospitskii, A. A.

TITLE:

The Problem of Microwave Skin Lesions.

PUBLICATION:

Biological Effect of Ultrasound and UHF Electromagnetic Oscillations, ed., A. A. Gorodetskii, 80-91, 1964, A6520935.

DC 00000886 001

AUTHOR:

Slabospitskiy, A. A.

TITLE:

On the Mechanism of Action of Microwave on the Skin.

PUBLICATION:

Fiziol Zh (Kiev) 11:225-231, 1965.

DC 00000884 001

AUTHOR:

Slabospitskiy, A. A.

TITLE:

The Problem of Microwave Lesions of the Skin.

PUBLICATION:

Biological Action of Ultrasound and Superhigh frequency Electromagnetic Oscillations, ed. A. A. Gorodetskiy, Acad Sci, UkrSSR, Inst Physiol imeni A. A. Bogomolets, Kiev, 92-107, 1964, JPRS30860.

DC 00000885 001

AUTHOR:

Slabospitskiy, A. A.

TITLE:

Morphological Changes in the Skin of White Rats When Exposed to Centimeter Range Radio Waves.

PUBLICATION:

Problems of the Biophysics and Mode of Action of Ionizing Radiation, Kiev, 89-94, 1964, JPRS34963.

DC 00000888 001

AUTHOR:

Slavskiy, G. M. and Burnan, L. S.

TITLE:

The Problem Concerning Pathological Anatomical Changes Occurring in the Organs and Tissues Under Total Exposure to Short Waves.

PUBLICATION:

Bull Gosudarstvennogo Tsentral'nogo Nauchno-issledovatel'skogo Instituta imeni Sechenova (6-7), 1935.

DC 00000887 001

AUTHOR:

Slavskiy, G. M.

TITLE:

Experimental Bases of Shortwave Therapy.

PUBLICATION:

Sevastopol', 1937.

DC 00001122 001

AUTHOR:

Slavskiy, G. M.

PUBLICATION:

Gosudarstvennyy Tsentral'nyy Nauchno Issledovatel'skiy Institut Fizicheskikh Metodov Lecheniya imeni I. M. Sechenova Byulleten' (6-7): 251, 1933.

DC 00000889 001

AUTHOR:

Sliney, D. R. and Palmisano, W. A.

TITLE:

Microwave Hazards.

PUBLICATION:

Bibliography, 1967, AD652708.

DC 00000071 001

AUTHOR:

Smirova, M. I. and Sadchikova, M. M.

TITLE:

Determination of the Functional Activity of the Thyroid Gland by Means of Radioactive Iodine in Workers with UHF Generators.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:50-51, 1960, JPRS 12471.

DC 00000890 001

AUTHOR:

Smith, G. C.

TITLE:
Effect of Diathermy Currents on Metal Implants in Body Wall.

PUBLICATION:
Brit Med J 1:1466, 1950.

DC 00000891 001

AUTHOR:
Smith, G. C.

TITLE:
Radiation Hazards in Industry.

PUBLICATION:
Med J Aust 45:313-315, 1958.

DC 00000892 001

AUTHOR:
Smolyanov, A. A.

TITLE:
The Effect of High Frequency Pulsed Field on the Vegetative Nervous System.

PUBLICATION:
Sci Work 1st Leningrad Military Naval Hospital, 56-65, 1957.

DC 00000894 001

AUTHOR:
Smurova, Ye. I.

TITLE:
Change in the Phagocytic and Bacteriocidal Function of the Blood in Animals During Exposure to Radiofrequency Electromagnetic Fields.

PUBLICATION:
Gig Sanit (6):37-41, 1967.

DC 00000895 001

AUTHOR:
Smurova, Ye. I.; Rogovaya, T. Z.; Yakub, I. L.; Troitskiy, S. A.

TITLE:
General Health of Persons Working with HF, UHF, and VHF Generators in Physiotherapy Rooms.

PUBLICATION:
Kazan Med Zh (2):82-84, 1966.

DC 00000054 001

AUTHOR:
Smurova, Ye. I.; Rogovaya, T. Z.; Yakub, I. L., and Troitskiy, S. A.

TITLE:

Industrial Hygiene and the Health of Tube Generator Technicians.

PUBLICATION:

Gig Sanit (12):27-30, 1964, ATDP6568, Abstr.

DC 00000893 001

AUTHOR:

Smurova, Ye. I.

TITLE:

Problems of Labor Hygiene and the Health of Workers in Areas Employing High Frequency Currents.

PUBLICATION:

Gig Tr Prof Zabol (5):22-27, 1962.

DC 00000898 001

AUTHOR:

Sokol'nikov, O. I.

TITLE:

The Character of Biochemical Shifts in the Organism During the Use of Short and Ultrashort Waves.

PUBLICATION:

Trans of the 3rd All Union Conf Phys Therapists, Kiev, 206, 1937.

DC 00000069 001

AUTHOR:

Sokolov, V. V. and Arievich, M. W.

TITLE:

Changes in the Blood Under the Influence of UHF on the Organism.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:43-45, 1960, JPRS 12471.

DC 00000897 001

AUTHOR:

Sokolov, V. V. and Chulina, I. A.

TITLE:

Condition of Peripheral Blood When the Organism is Subjected to Radio Waves of Different Wavelength.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 122-125, 1964.

DC 00000896 001

AUTHOR:

Sokolov, V. V., et al.

TITLE:

The Effect of Centimeter Waves of Varying Intensity on Blood.

PUBLICATION:

Questions of Biological Activity of SHF Electromagnetic Fields, VMOLA, Leningrad, imeni S. M. Kirov, 48, 1962.

DC 00000899 001

AUTHOR:

Solovtsova, K. M.

TITLE:

Effect of Electromagnetic High Frequency Oscillations on the Functioning of the Liver in Persons with a Normal or Moderately Pathological Functional State of this Organ.

PUBLICATION:

Fiziol Zh (Kiev) 11(4):498-503, 1965, Abstr.

DC 00000900 001

AUTHOR:

Sommer, H. C. and Von Gierke, H. E.

TITLE:

Hearing Sensations in Electrical Fields.

PUBLICATION:

Aerospace Med 35(9):834-839, 1964.

DC 00000052 001

AUTHOR:

Sorokina, Ye. I.

TITLE:

Experience in the Use of Microwave Therapy in Patients Suffering from Sympathetic Ganglionitis and Radiculitis of the Thoraco Cervical Segment with a Cardiac Pain Syndrome.

PUBLICATION:

Vop Kurort Fizioter 30(1):40-45, 1965, JPRS29914.

DC 00000901 001

AUTHOR:

Southworth, G.

TITLE:

New Experimental Methods Applicable to Ultra Short Waves.

PUBLICATION:

J Appl Phys 8:660-664, 1937.

DC 00000902 001

AUTHOR:

Sparks, R. A.

TITLE:

X-Radiation from High Power Traveling Wave Tubes.

PUBLICATION:

Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (Athermal Aspects), ed. P. L. Frommer, N.Y., 230, July, 1961.

DC 00000903 001

AUTHOR:

Spasskiy, V. A.

TITLE:

Studies of Working Conditions and the Hygienic Security of Personnel Working in Radar Stations.

PUBLICATION:

Voennomed Zh (9):25-27, 1956.

DC 00000905 001

AUTHOR:

Stephens, P. and Landeen, K.

TITLE:

Effects on Dogs of Chronic Exposure to Microwave Radiation.

PUBLICATION:

J Occup Med 5:418-425, 1963.

DC 00000904 001

AUTHOR:

Stephens, P. H., Jr.

TITLE:

Microwave Radiation of 10mw/sq.cm and Factors That Influence Biological Effects at Various Power Densities.

PUBLICATION:

Industr Med Surg 30:221-228, 1961.

DC 00000906 001

AUTHOR:

Stoner, E.

TITLE:

The Effect of Microwave Radiation on the Peripheral Pulse Volume; Digital Skin Temperature and Digital Blood Flow in Man.

PUBLICATION:

Arch Phys Med 32:408-416, 1951.

DC 00000907 001

AUTHOR:

Stowell, R. E., et al.

TITLE:

Biological and Biochemical Effects of Microwaves.

PUBLICATION:

AFIP Ann Progress Rpt, 1960, AD241314.

DC 00000908 001

AUTHOR:

Stykan, O. A.

TITLE:

On the Genetic Effect Produced by the Radiation of the Electron Vacuum Apparatuses of Radar Stations.

PUBLICATION:

Voennomed Zh (7), 1967.

DC 00000911 001

AUTHOR:

Subbota, A. G.

TITLE:

The Effects of UHF on Heart Function and Vascular Aperature.

PUBLICATION:

Tr Voennomed 73:111-115, 1957.

DC 00000914 001

AUTHOR:

Subbota, A. G.

TITLE:

The Effect of Pulsed SHF Electromagnetic Fields on the Higher Nervous Activity of Dogs.

PUBLICATION:

Biull Eksp Biol Med 46(10):1206-1211, 1958.

DC 00000913 001

AUTHOR:

Subbota, A. G.

TITLE:

The Effect of Pulsed Superhigh Frequency (SHF) Electromagnetic Field on the Higher Nervous Activity of Dogs.

PUBLICATION:
Biull Eksp Biol Med 46(10):55-61, 1958.

DC 00000910 001

AUTHOR:
Subbota, A. G.

TITLE:
Changes in Respiration, Pulse Rate and General Blood Pressure
During Irradiation of Animals with a UHF Field.

PUBLICATION:
Tr Voennomed Akad 73:73-78, 1957.

DC 00000915 001

AUTHOR:
Subbota, A. G.

TITLE:
Changes in Respiration, Pulse Rate and General Blood Pressure
During Irradiation of Animals with an Ultrahigh Frequency Field.

PUBLICATION:
Tr Voennomed Akad 73:78-83, 1959.

DC 00000909 001

AUTHOR:
Subbota, A. G.

TITLE:
The Effects of UHF Electromagnetic Fields upon the Higher Nervous
Activity of Dogs.

PUBLICATION:
Tr Voennomed Akad 73:35-37, 1957.

DC 00000912 001

AUTHOR:
Subbota, A. G.

TITLE:
Effect on Blood of Animals of Exposure to a Strong UHF Field.

PUBLICATION:
Tr Voennomed Akad 73:127-132, 1957.

DC 00000916 001

AUTHOR:
Subbota, A. G. and Grebeshechnikova, A. M.

PUBLICATION:
SNR" 000916. Medical and Biological Problems of SHF Radiation,
Ed. I. R. Petrov, 1967.

DC 00001123 001

AUTHOR:

Suponitskaya, P. M.

PUBLICATION:

Gosudarstvennyy Tsentral'nyy Nauchno Issledovatel'skiy Institut Fizicheskikh Metodov Lecheniya imeni I. M. Sechenova, Byulleten (6): 244, 1933.

DC 00000917 001

AUTHOR:

Suroviec, H. J.

TITLE:

Microwave Oven Radiation Hazards in Food Vending Establishments.

PUBLICATION:

Arch Environ Health (Chicago) 14:469-472, 1967.

DC 00000922 001

AUTHOR:

Susskind, C.

TITLE:

Longevity Study of the Effects of 3 cm Microwave Radiation on Mice.

PUBLICATION:

Calif Univ, Berk, Elect Res Lab, AF41657114, 1961, AD269385.

DC 00000921 001

AUTHOR:

Susskind, C.

TITLE:

Microwave Radiation as a Biological Hazard and Tool.

PUBLICATION:

Univ Calif, Berk, Elect Res Lab, AF41657114, 1960, AD245534.

DC 00000919 001

AUTHOR:

Susskind, C.

TITLE:

Biological Effects of Microwave Radiation.

PUBLICATION:

Calif Univ, Berk, Inst Eng Res, AF41657114, 1958, AD226735.

DC 00000920 001

AUTHOR:
Susskind, C.

TITLE:
Cellular and Longevity Effects of Microwave Radiation.

PUBLICATION:
Calif Univ, Berk, Elect Res Lab, AF41657114, 1959, AD227847.

DC 00000925 001

AUTHOR:
Susskind, C. and Vogelhut, P. O.

TITLE:
Analytical and Experimental Investigation of Unicellular Organisms
with 3 Cm Microwaves.

PUBLICATION:
Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating
Equip, compiled by C. Susskind, 46-53, 1959, RADCTR59140, AD234788.

DC 00000923 001

AUTHOR:
Susskind, C. and Prausnitz, S.

TITLE:
Nonthermal Effects of Microwave Radiation.

PUBLICATION:
Calif Univ, Berk, Elect Res Lab, AF41657114, NONR22292, 1962,
AD400115.

DC 00000924 001

AUTHOR:
Susskind, C., et al.

TITLE:
Biological Uses of Nonionizing Radiation.

PUBLICATION:
Ann Sci Report (1962-63) on Contact Nonr222(92) Rep 6327, US Navy
Office Nav Res, 1-25, Oct 1963.

DC 00000918 001

AUTHOR:
Suvorovskaya, N. A.

TITLE:
Investigations of the Effect of Electromagnetic Energy of
Centimeter Waves on Hemopoiesis Pathology.

PUBLICATION:
Fiziol Eksp Ter 5(1):38-40, 1961.

DC 00000926 001

AUTHOR:
Svetlova, Z. P.

TITLE:
Changes of Symmetrical Conditioned and Nonconditioned Reflexes in
Dogs Exposed to SHF and UHF Fields in the Decimeter Waverange.

PUBLICATION:
Questions of Biological Activity of SHF Electromagnetic Fields,
VMOLA, Leningrad, imeni S. M. Kirov, 43-44, 1962.

DC 00001124 001

AUTHOR:
Sych, G. Ya.

PUBLICATION:
Sbornik Rabot, Inst Fiziol, Dnepropetrovsk 3:103, 1940.

DC 00000929 001

AUTHOR:
Syngayevskaya, V. A., et al.

TITLE:
Some Metabolic Indices in the Blood and Urine of Individuals
Following Their Exposure to SHF UHF.

PUBLICATION:
Questions of Biological Activity of SHF Electromagnetic Fields,
VMOLA, Leningrad, imeni S. M. Kirov, 52-53, 1962.

DC 00000927 001

AUTHOR:
Szachnowicz, L. A.

TITLE:
Use of Physical Therapy in Sequelae and Late Complications of
Infectious Hepatitis (Botkin's Disease) in Children.

PUBLICATION:
Pediat Pol 42:679-684, 1967.

DC 00000928 001

AUTHOR:
Szczurek, M.

TITLE:
Action of Microwave on Living Organisms.

PUBLICATION:
Przegl Wojskowych (3):5-15, 1963.

DC 00000931 001

AUTHOR:

Tallarico, R. and Ketchum, J.

TITLE:

The Effect of Microwaves on Certain Behavior Patterns of the Rat.

PUBLICATION:

Proc 3rd Ann Tri-Service Conf Biol Effects Microwave Radiating Equip, 1959, AD234788.

DC 00000930 001

AUTHOR:

Tallarico, R. B. and Ketchum, J.

TITLE:

Effects of Exposure to Microwave Energy and Infrared Upon Behaviour of Rats.

PUBLICATION:

Annual Report (Dec 31, 1959) of Microwave Radiation Research at the University of Miami, Coral Gables, Florida, Rome Air Devel Cent, Air Res Devel Command, Griffiss AFB, N.Y., 57-72, 1959, AD232925.

DC 00000932 001

AUTHOR:

Tallman, O. G.

TITLE:

Radio Frequency Environment.

PUBLICATION:

Proc 4th Ann Tri-Service Conf Biol Effects Microwave Radiation, ed. M. P. Peyton, Plenum Press, N. Y., 3-9, 1961.

DC 00000933 001

AUTHOR:

Tanner, J. A.

TITLE:

Effect of Microwave Radiation on Birds.

PUBLICATION:

Nature (London) 210 (5037):636, 1966.

DC 00000934 001

AUTHOR:

Tanner, J. A. and Romero-Sierra, C.

TITLE:

Microwaves vs Birds. A New Approach to the Bird Problem in Aviation.

PUBLICATION:
2nd Canad Med Biolo Eng Conf, Toronto, 9-10 Sept 1968.

DC 00000935 001

AUTHOR:
Tanner, J. A. and Romero-Sierra, C.

TITLE:
Microwaves vs Birds. Effects on Feeding Behaviour.

PUBLICATION:
18-21, Nov 1968.

DC 00000936 001

AUTHOR:
Tanner, J. A.; Romero-Sierra, C.; Davie, S. J.

TITLE:
Nonthermal Effects of Microwave Radiation on Birds.

PUBLICATION:
Nature (London) 216(5120):1139. 1967.

DC 00000937 001

AUTHOR:
Tarusov, B. N.

TITLE:
Electroconductivity as a Method of Determining the Viability of Tissues.

PUBLICATION:
Arkh Biol Nauk (2), 1938.

DC 00000938 001

AUTHOR:
Teixeira-Pinto, A. A.; Mejelski, L. L.; Cutler, J. L.; Heller, J. H.

TITLE:
The Behavior of Unicellular Organisms in an Electromagnetic Field.

PUBLICATION:
Exper Cell Res 20:548-564, 1960.

DC 00001125 001

AUTHOR:
Terent'yeva, Ye. V. \$PUBLICATION: Research of the Division of Biological Sciences for 1945, Izd-vo ANSSR, 347, 1947.

DC 00000939 001

AUTHOR:
Ternie, M. and Lombardini, P.

TITLE:

Effect of Microwaves on Bacteria: Electromagnetic Waves of 3, 10, 142 cms. Length of Escherichia Coli.

PUBLICATION:

Boll Inst Sieroter (Milan) 30:134-150, 1951.

DC 00001126 001

AUTHOR:

Tessner, C. F.

TITLE:

The Effect of Electromagnetic Radiation on Tissue.

PUBLICATION:

Milit Med 128:334-344, 1963, A6318601.

DC 00000940 001

AUTHOR:

Thomas, J. A.

TITLE:

The Effect of Microwave Irradiation on Spermatogenesis and on Accessory Sex Organs in the Male Albino Rat.

PUBLICATION:

Dissertations Abstr 22(5):1696, 1961.

DC 00000941 001

AUTHOR:

Thomas, J. A. and Thomson, J. D.

TITLE:

The Effect of Microwave Irradiation on Spermatogenesis and on Accessory Sex Organs in the Male Albino Rat.

PUBLICATION:

Ped Proc 20(1):401, 1961.

DC 00000942 001

AUTHOR:

Thompson, W. D. and Bourgeois, A. E.

TITLE:

Effects of Microwave Exposure on Behavior and Related Phenomena.

PUBLICATION:

Primate Behavior Lab, Baylor Univ, Waco, Tex, AF296004923, 1965, AD489245.

DC 00000945 001

AUTHOR:

Thomson, R. A.; Michelson, S. M.; Howland, J. W.

TITLE:
Leukocyte Response Following Simultaneous Ionizing and Microwave (Radar) Irradiation.

PUBLICATION:
Blood 28:157-162, 1966.

DC 00000943 001

AUTHOR:
Thomson, R. A.; Michaelson, S. M.; Howland, J. W.

TITLE:
Leucocyte Changes in Normal Dogs Exposed to Microwaves.

PUBLICATION:
Fed Proc 19(1):71, 1960.

DC 00000944 001

AUTHOR:
Thomson, R. A.; Michaelson, S. M.; Howland, J. W.

TITLE:
Microwave Modification of X-Ray Lethality in Mice.

PUBLICATION:
Rochester Univ, N.Y., AF30602292, 1963, AD424411.

DC 00000946 001

AUTHOR:
Thomson, R. A.; Michaelson, S. M.; Howland, J. W.

TITLE:
Microwave Radiation and its Effect on Response to X-Radiation.

PUBLICATION:
Aerospace Med 38:252-255, 1967.

DC 00000947 001

AUTHOR:
Thorpe, H.

TITLE:
Microwave Diathermy in Ophthalmology. The Various Diathermy Currents Used in Ophthalmology.

PUBLICATION:
Trans Amer Acad Ophthal 56:596-599, 1952.

DC 00000948 001

AUTHOR:
Tiagin, M. V.

TITLE:
The Thermal Effects of UHF Electromagnetic Fields.

PUBLICATION:
Biull Eksp Biol Med 46(8):963-966, 1958.

DC 00001127 001

AUTHOR:
Tiagin, N. V. and Uspenskaia, M. V.

TITLE:
Changes in Nervous System Functions and Other Systems of Body
During Continuous Exposure to Ultrahigh Frequency Radiation.

PUBLICATION:
Zh Nevropat Psikhiat Korsaker, 66(8):1132-1136, 1966, A6780162.

DC 00000949 001

AUTHOR:
Tikhonova, M. A.

TITLE:
The Problem of the Action of an Electric UHF Field on the Growth
of Young Animals.

PUBLICATION:
Problems of Exper Physiother, Collection, Tashkent, 113-119, 1948.

DC 00000081 001

AUTHOR:
Tolgskaya, M. S. and Gordon, Z. V.

TITLE:
Changes in the Receptor and Interoreceptor Apparatuses Under the
Influence of UHF.

PUBLICATION:
The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet
and Z. V. Gordon, Institute of Industrial Hygiene and Occupational
Diseases, Academy of Medical Sciences, USSR, Moscow:99-103, 1960,
JPRS12471.

DC 00000954 001

AUTHOR:
Tolgskaya, M. S.; Gordon, Z. V.; Lobanova, Ye. A.

TITLE:
Morphological Changes in Animals Under the Experimental Action of
Microwaves.

PUBLICATION:
Vop Kurort Fizioter (1):21-24, 1959, ATDP6568.

DC 00000955 001

AUTHOR:
Tolgskaya, M. S. and Nikonova, K. V.

TITLE:

Histological Changes in the Organs of White Rats Chronically Exposed to High Frequency Electromagnetic Fields.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Field, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 89-93, 1964.

DC 00000950 001

AUTHOR:

Tolgskaya, M. S.

TITLE:

Changes in the Synaptic Formations During Intoxication with Occupational Poisons.

PUBLICATION:

Biull Eksp Biol Med 43(1):104-107, 1957.

DC 00000953 001

AUTHOR:

Tolgskaya, M. S. and Gordon, Z. V.

TITLE:

Comparative Morphological Characteristics of the Effect of Microwaves of Different Bands.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Field, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 80-88, 1964.

DC 00000080 001

AUTHOR:

Tolgskaya, M. S.; Gordon, Z. V. and Lobanova, Ye. A.

TITLE:

Morphological Changes in Experimental Animals Under the Influence of Pulse and Continuous UHF.

PUBLICATION:

The Biological Action of Ultrahigh Frequencies, eds. A. A. Letavet and Z. V. Gordon, Institute of Industrial Hygiene and Occupational Diseases, Academy of Medical Sciences, USSR, Moscow:90-98, 1960, JPRS12471.

DC 00000952 001

AUTHOR:

Tolgskaya, M. S., et al.

TITLE:

Morphological Changes in Animals Exposed to SHF and UHF Fields.

PUBLICATION:

Tezisy Dokladov Yubileynoy Sessii Instituta Gig Tr Prof Zabol (2):
73-74, 1957.

DC 00000951 001

AUTHOR:

Tolgskaya, M. S.

TITLE:

Morphological Changes in Animals Exposed to Microwaves.

PUBLICATION:

Vop Kurort Fizioter (1):21-24, 1959, ATD Abstract.

DC 00000956 001

AUTHOR:

Tolles, W. E. and Horvath, W. J.

TITLE:

Energy Densities of Microwave Radiating Systems.

PUBLICATION:

IRE Trans Med Electr 4:13-15, 1956.

DC 00001128 001

AUTHOR:

Tomberg, V.

TITLE:

The Monitoring of Synergistic Stress Inducing Environmental Factors.

PUBLICATION:

Proc AIAA/NASA 3rd Manned Space Flight Meeting, Houston, Tex, 5
Nov 1964.

DC 00000958 001

AUTHOR:

Tomberg, V. I.

TITLE:

Specific Thermal Effects of High Frequency Fields.

PUBLICATION:

Proc 4th Ann Tri-Service Conf Biol Effects of Microwave Radiation,
ed. M. F. Peyton, Plenum Press, N.Y., 221-228, 1961.

DC 00000957 001

AUTHOR:

Tomberg, V. T.

TITLE:

Biological Microwave Hazards.

PUBLICATION:
IRE Internat Convention Record, Part 9, Instrumentation; Med
Electr Nuclear Science, 94-96, 1960.

DC 00000959 001

AUTHOR:
Tomberg, V. T.

TITLE:
Specific Electrical Effects of Radiowaves and Their Biomedical
Importance.

PUBLICATION:
Digest 1961 Internat Conf Med Electr Biol Effects Microwaves, I (.
Athermal Aspects), ed. P. L. Frommer. N. Y., 231, July 1961.

DC 00000961 001

AUTHOR:
Tonkikh, A. V.

TITLE:
The Influence of Ultrashort Waves on Basal Metabolism.

PUBLICATION:
Physiology of the Autonomic Nervous System and Sensory Organs,
Leningrad, Sbornik, 13, 1941.

DC 00000960 001

AUTHOR:
Tonkikh, A. V.

TITLE:
The Effect of HF VHF on the Basic Metabolism.

PUBLICATION:
Questions on the Use of Short Waves and Ultra Short Waves in
Medicine, Moscow, 1940.

DC 00000962 001

AUTHOR:
Toroptsev, I. V. and Garganeyev, G. P.

TITLE:
Some Morphological Changes in Experimental Animals Subject to
Multiple Exposures to Alternating Electromagnetic Fields of
Industrial Frequency.

PUBLICATION:
Materials All Union Sci Conf Exp Kurortology and Physiol,
Moscow, 1962.

DC 00000049 001

AUTHOR:
Toshev, G.; Minov, V.; and Tomov, V.

TITLE:
Experience in the Treatment of Puerperal Mastitis with Decimeter Waves.

PUBLICATION:
Vop Kurort Fizioter 29(2):154-155, 1964.

DC 00000963 001

AUTHOR:
Troyanskiy, M. P. (Col. Med Services, Med Sci Candidate);
Kruglikov, R. I. (Med Sci Candidate); Kornilov, R. M. (Lt. Col Med Services); Petrova-Glukvenko, L. B.; Kalashnikova, Z. S.

TITLE:
Some results of a Study of the Health of Specialists Working with Ultrahigh Frequencies.

PUBLICATION:
Voennomed Zh (7):30-35, 1967, JPRS45825, Abstr.

DC 00000964 001

AUTHOR:
Turlygin, S. Ya.

TITLE:
The Effect of Centimeter Waves on the Central Nervous System.

PUBLICATION:
Dokl Akad Nauk SSSR, Novaya Seriya 17(1-2):19-21, 1937.

DC 00000965 001

AUTHOR:
Turner, J. J. (Resident AONC ZEUS Project Engineer).

TITLE:
The Effects of Radar on the Human Body (Results of Russian Studies on the Subject).

PUBLICATION:
U.S. Army Ordnance Missile Command, Whippany, New Jersey, 1962, AD278172.

DC 00000966 001

AUTHOR:
Tuttle, W. W. and Janney, C. D.

TITLE:
The Construction Calibration and Use of Thermocouples for Measuring Body Temperature.

PUBLICATION:
Arch Phys Med 29:416-421, 1948.

DC 00000967 001

AUTHOR:

Tyagin, M. B.

TITLE:

Changes in the Blood of Animals Subjected to an Ultrahigh Frequency Field.

PUBLICATION:

Tr Voenno-med Akad ineni S. M. Kirov 73:116-126, 1957.

DC 00000968 001

AUTHOR:

Ulc, M. and Svacina, J.

TITLE:

EEG Shifts in Personnel working Around Centimeter Wave Sources.

PUBLICATION:

Cesk Neurol (6):402-406, 1966.

DC 00000969 001

AUTHOR:

Uspenskaya, M. V.

TITLE:

Clinical Aspects of a Continuous Action of SHF UHF Currents.

PUBLICATION:

Works of the Scientific Session Devoted to Results of Work in 1957 by the Inst of Industrial Hygiene and Occupational Diseases, Leningrad, 63-67, 1959.

DC 00000970 001

AUTHOR:

Uspenskaya, M. V.

TITLE:

Material on the Dynamic Observation of Workers Exposed to Em Waves in the Centimeter Range.

PUBLICATION:

Works of the Scientific Session Devoted to Results of Work in 1957 by the Inst of Industrial Hygiene and Occupational Diseases, Leningrad, 116-117, 1961.

DC 00000971 001

AUTHOR:

Valtonen, E. J.

TITLE:

The Effects of Microwave Radiation on the Cellular Elements in the Peritoneal Fluid and Peripheral Blood of the Rat.

PUBLICATION:
Acta Rheum Scand 12:291-299, 1966.

DC 00000972 001

AUTHOR:
Valtonen, E. J.

TITLE:
Giant Mast Cells, A Special Degenerative Form Produced by
Microwave Radiation.

PUBLICATION:
Exp Cell Res 43:221-224, 1966.

DC 00000976 001

AUTHOR:
Van Umersen, C. A. and Cogan, F. C.

TITLE:
Experimental Microwave Cataracts, Age as Factor in Induction of
Cataracts in the Rabbit.

PUBLICATION:
Arch Environ Health (Chicago) 11:177-178, 1965.

DC 00000975 001

AUTHOR:
Van Umersen, C.

TITLE:
The Effect of 2450 mc Radiation on the Development of the Chick
Embryo.

PUBLICATION:
Proc 4th Ann Tri-Service Conf Biol Effects Microwave Radiation,
ed. M. F. Peyton, Plenum Press, N. Y., 201-219, 1961.

DC 00000977 001

AUTHOR:
Van Umersen, C. A. and Cogan, F. C.

TITLE:
Experimental Microwave Cataracts.

PUBLICATION:
Arch Environ Health (Chicago) 11:972-973, 1965.

DC 00000978 001

AUTHOR:
Van Went, J.

TITLE:
Ultra Short Wave Pituitary Irradiation.

PUBLICATION:

Geneeskundige Gids (Den Haag) 30:77-88, 1952.

DC 00000974 001

AUTHOR:

VanEverdingen, W.

TITLE:

Molecular and Structural Changes Produced by Irradiation with Hertzian Waves of 16 and 10 cm (1875 and 300 mps); Hepatic Metabolism and the Cancer Problem.

PUBLICATION:

Rev Belg Sci Med 17:279-283, 1946.

DC 00000973 001

AUTHOR:

VanEverdingen, W.

TITLE:

Molecular Changes Following Radiations With Frequency of 1875 Megahertz.

PUBLICATION:

Mod Tijdschr V. Cosock 84:4370-4380, 1940.

DC 00000043 001

AUTHOR:

Varin, I. re.

TITLE:

Concerning the Occupational Hazards in Working with Medical VHF Oscillators.

PUBLICATION:

Gig Sant 29(1):28-34, 1964, JPRS23898.

DC 00001129 001

AUTHOR:

Vasil'yev, L. L.

TITLE:

Experiments in Psychomagnetism.

PUBLICATION:

Nauka i Zhizn (7):80-82, 1961.

DC 00000979 001

AUTHOR:

Vasilenko, P. D.

TITLE:

The Influence of Ultrashort Waves on Isolated Frog Hearts.

PUBLICATION:

Moscow oblast'. Klinika fizicheskikh metodov lecheniya. Trudy (3), 1937.

DC 00000980 001

AUTHOR:

Vendrick, A. J. and Vos, J. J.

TITLE:

Comparison of the Stimulation of the Warmth Sense Organ by Microwave and Infrared Radiation.

PUBLICATION:

J Appl Physiol 13(3):435-444, 1958.

DC 00000981 001

AUTHOR:

Vernick, S. H.

TITLE:

The Effects of Temperature, Light and HF Radio Waves Upon the Embryonic Development of Tilapia Macrocephala.

PUBLICATION:

Dissertation Abstr 23(2):1174-1175, 1962.

DC 00000982 001

AUTHOR:

Viner, Ye. I.; Kharitonov, S. A.

TITLE:

The Sugar Content in the Blood Under the Action of a UHF Electric Field.

PUBLICATION:

Theory and Practice of Physiotherapy, Collection, Moscow, 4:70, 1940.

DC 00000984 001

AUTHOR:

Vogelhut, P. O.

TITLE:

Microwave Techniques in Biophysical Measurements.

PUBLICATION:

J Microwave Power 3(3):143-147, 1968.

DC 00000986 001

AUTHOR:

Vogelman, J. H.

TITLE:

Microwave Instrumentation for the Measurement of Biological Effects.

PUBLICATION:

Proc 4th Ann Tri-Service Conf Biol Effects of Microwave Radiation, ed. M. F. Peyton, Plenum Press, N. Y., 1960.

DC 00000983 001

AUTHOR:

Vogelman, J. H.

TITLE:

Physical Characteristics of Microwaves as Related to Biological Effects.

PUBLICATION:

Proc 2nd Ann Tri-Service Conf Biol Effects Microwave Energy, eds. E. G. Pattishall and P. W. Banghart, 1958, AD131477.

DC 00000985 001

AUTHOR:

Vogelman, J. H.

TITLE:

Physical and Electrical Characteristics of A Microwave Hazard.

PUBLICATION:

12th Ann Conf Electrical Techn Med Biol Digest Tech Papers, RADCTR59227.

DC 00000987 001

AUTHOR:

Vol'fonskaya, R. N.; Osipov, Yu. N.; Kolyads, T. B.; Kulikovskaya, E. L.; Asanova, T. P.; Shchoglova, A. V.

TITLE:

On the Combined Action of High Frequency and X-ray in Industry.

PUBLICATION:

Gig Sanit 26(5):18-23, 1960, JPBS9895.

DC 00000988 001

AUTHOR:

Volkova, A. P. and Saurova, Ye. I.

TITLE:

Effect of Electromagnetic Radio Frequencies on Phagocytosis and the Course of Infectious Inflammation in Rats.

PUBLICATION:

Gig Sanit (9):107-110, 1967.

DC 00000989 001

AUTHOR:

Vosburgh, B. L.

TITLE:
Problems Which are Challenging Investigators in Industry.

PUBLICATION:
IRE Trans Med Electr 4:5-7, 1956.

DC 00000990 001

AUTHOR:
Vyalov, A. M. and Lisichkina, Z. S.

TITLE:
Characteristics of Some Clinical and Physiological Changes in Workers Exposed to the Action of Dispersed, Constant Magnetic Fields Under Industrial and Laboratory Conditions.

PUBLICATION:
Gig Tr Prof Zabol (5):39-43, 1966.

DC 00001130 001

AUTHOR:
Vyalov, A. M.; Shpil'berg, P. I.; Yushkevich, L. B.; Lisichkina, Z. S.; Ryabova, I. P.; Dmitriyeva, K. A.; Sokolov, S. A.; Zvonilova, L. D.

TITLE:
The Question on the Effect of Constant and Variable Magnetic Fields on the Human Organism.

PUBLICATION:
Questions of Occupational Pathology, Moscow, p. 169, 1964.

DC 00000993 001

AUTHOR:
Wakim, K.; Herrick, J.; Parkhill, E.; Benedict, M.

TITLE:
Effects of Microwave Diathermy on the Eye.

PUBLICATION:
Amer J Physiol 155:432, 1948.

DC 00000991 001

AUTHOR:
Wakim, K.; Herrick, J.; Gersten, J.

TITLE:
Effects on Blood Flow, Clinical and Experimental Studies.

PUBLICATION:
Proc Central Soc Clin Res 20:49, 1947. J Lab Clin Med 32:1511-1512, 1947.

DC 00000992 001

AUTHOR:

Wakim, K.; Herrick, J.; Martin, F.; Krusen, F.

TITLE:

Therapeutic Possibilities of Microwave.

PUBLICATION:

JAMA 139:989-992, 1949.

DC 00000994 001

AUTHOR:

Wakim, K.; Herrick, J.; Parkhill, E.; Benedict, W.

TITLE:

Effects of Microwave Diathermy on the Eye.

PUBLICATION:

Amer J Ophthal 33:1241-1245, 1950.

DC 00000995 001

AUTHOR:

Walther, K.

TITLE:

Microwaves in Physiotherapy.

PUBLICATION:

Med Hyg 8:182, 431, 1950.

DC 00000996 001

AUTHOR:

Watarai, H.; Hwang, K. J.; Ashida, K.

TITLE:

Semiquinone Formation of D-Amino-Acid Oxidase by Irradiation.

PUBLICATION:

Biochim Biophys Acta 128:256-261, 1966.

DC 00000997 001

AUTHOR:

Webb, S. J. and Dodds, D. D.

TITLE:

Inhibition of Bacterial Cell Growth by 136 GC Microwaves.

PUBLICATION:

Nature (London) 218:374-375, 1968.

DC 00000998 001

AUTHOR:
Wedlick, L. T.

TITLE:
The Use of Heat and Cold in the Treatment of Sports Injuries.

PUBLICATION:
Med J Aust 2:1050-1051, 1967.

DC 00000999 001

AUTHOR:
Weiss, M. M. and Mumford, W. W.

TITLE:
Microwave Radiation Hazards.

PUBLICATION:
Health Phys 5:160-169, 1961.

DC 00001000 001

AUTHOR:
Welch, George B.

TITLE:
Wave Propagation and Antennas.

PUBLICATION:
D. Van Nostrand Co Inc, N. Y., 1958.

DC 00001001 001

AUTHOR:
Westin, J. B.

TITLE:
Microwave Radiation and Human Tolerance.

PUBLICATION:
J Occup Med 10(3):134-141, 1968.

DC 00001131 001

AUTHOR:
Wever, R.

TITLE:
Influence of Weak Electromagnetic Fields on the Circadian Cycle of Humans.

PUBLICATION:
Naturwissenschaften 55:29-32, 1968, A6881396.

DC 00001002 001

AUTHOR:

Wildervanch, A., et al.

TITLE:

Certain Experimental Observations on a Pulsed Diathermy Machine.

PUBLICATION:

Arch Phys Med 40:45-55, 1959.

DC 00001003 001

AUTHOR:

Williams, C.

TITLE:

Industrial Hygiene Aspects of Microwaves.

PUBLICATION:

Ann Meet Indust Hyg Found, Mellon Inst. Pittsburgh, 16-17 Nov 1955.

DC 00001006 001

AUTHOR:

Williams, D. B.; Monahan, J. P.; Nicholson, W. J.; Aldrich, J. J.

TITLE:

Biologic Effects Studies on Microwave Radiation: Time and Power Thresholds for the Production of Lens Opacities by 12.3 Centimeter Microwaves.

PUBLICATION:

IRE Trans Med Electr 4:17-22, 1956, AD8C072.

DC 00001007 001

AUTHOR:

Williams, D. B.; et al.

TITLE:

An Observation on the Detection by the Ear of Microwave Signals.

PUBLICATION:

IRE.

DC 00001004 001

AUTHOR:

Williams, D.; Monahan, J.; Nicholson, W.; Aldrich, J.

TITLE:

Biologic Effects Studies on Microwave Radiation.

PUBLICATION:

School of Aviation Med, Randolph Field, Texas, Rpt 5594, 1955.

DC 00001005 001

AUTHOR:

Williams, D.; Monahan, J.; Nicholson, W.; Aldrich, J.

TITLE:

Biologic Effects Studies on Microwave Radiation Time and Power Thresholds for the Production of Lens Opacities by 12.3 cm Microwaves.

PUBLICATION:

Arch Ophthalmol 54:863-874, 1955. IRE Trans Med Electr 4:8-9, 1956.

DC 00001008 001

AUTHOR:

Wilson, G.

TITLE:

Treatment of Fibrositis in the Neck and Shoulder With Microtherapy (Radar).

PUBLICATION:

N Carolina Med J 12:1, 19-23, 1951.

DC 00001009 001

AUTHOR:

Wise, C.; Castleman, B.; Watkins, A.

TITLE:

Effects of Diathermy (Shortwave and Microwave) on Bone Growth in Albino Rat.

PUBLICATION:

J Bone Joint Surg (Amer) 31A:487-500, 1949.

DC 00001038 001

AUTHOR:

Worden, P. E.; Herrick, J. F.; Wakin, K. G.; Krusen, F. H.

TITLE:

The Heating Effects of Microwaves with and without Ischemia.

PUBLICATION:

Arch Phys Med 29(12):751-758, 1948.

DC 00001010 001

AUTHOR:

Wudka, E.; Leopold, I. H.

TITLE:

Experimental Studies of the Choroidal Vessels. VI, Observations on the Effects of Physical Agents.

PUBLICATION:

Arch Ophthal 58:829-49, 1957.

DC 00001011 001

AUTHOR:

Yakovleva, M. I.

TITLE:

Functional State of the Sympathoadrenal System During the Action of SHF-UHF Em Fields.

PUBLICATION:

Summary of the Evolution of Nervous Activity, Leningrad, Meditsina, 1964.

DC 00001132 001

AUTHOR:

Yakovleva, M. I.

TITLE:

Effect of Superhigh Frequency Electromagnetic Fields on Conditioned Reflex Regulation of Cardiac and Respiratory Activity.

PUBLICATION:

Zh Vyssh Nerv Delat Pavlov 18(3):418-423, 1968, JPRS46632, N6837285.

DC 00001012 001

AUTHOR:

Yamaura, I. and Chichibu, S.

TITLE:

Superhigh Frequency Electric Field and Crustacean Ganglionic Discharges.

PUBLICATION:

Tohoku J Exp Med 93:249-259, 1967.

DC 00000045 001

AUTHOR:

Yatsenko, M. I.

TITLE:

Effect of Microwaves on the Absorptive Ability of the Synovial Membrane of the Knee Joint when the Spinal Cord has been Severed.

PUBLICATION:

Fiziol Zh (Kiev) 11(4):516-519, 1965, ATD6675, Abstr.

DC 00001133 001

AUTHOR:

Yefimov, V. V.

PUBLICATION:

Biull Eksp Biol Med 14(2):61, 1942.

DC 00001015 001

AUTHOR:

Yeleazarova, M. P.

TITLE:

Change in Protein Metabolism Under the Influence of a UHF Field.

PUBLICATION:

Moscow oblast'. Klinika fizicheskikh metodov lecheniya. Trudy 4: 177, 1940.

DC 00001014 001

AUTHOR:

Yeliseyev, V. V.

TITLE:

Methods of Exposing Experimental Animals to RF Electromagnetic Waves.

PUBLICATION:

Biological Effects of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow (2):94-102, 1964.

DC 00001013 001

AUTHOR:

Yeliseyeva, M. I.

TITLE:

Glycemic Reactions of Rabbits to a UHF Field.

PUBLICATION:

Biological Effect of Ultrahigh Frequencies, Symposium, Moscow, 261, 1937.

DC 00000026 001

AUTHOR:

Yermolayev, Ye. A. (Capt. 1st rank) and Kovach, R. I. (Capt. 3rd rank).

TITLE:

On the Problem of Methods of Estimating the Irradiability of Superhigh Frequency Radio Waves.

PUBLICATION:

Voennokod Zh (1):55-59, 1968, ACSIJ4395.

DC 00000025 001

AUTHOR:

Yermolayev, Ye. A. (Col. Eng.).

TITLE:
Evaluation of the Danger of UHF and Roentgen Irradiation in Radar Station Operation.

PUBLICATION:
Voennomed Zh 9:22-26, 1964, ACSII7231.

DC 00001016 001

AUTHOR:
Yermolayev, Ye. A.; Subbota, A. G.; Chukhlov, B. A.

TITLE:
The Standardized Measure of Superhigh Frequency Radiation in Foreign Armies.

PUBLICATION:
Voennomed Zh (7), 1967, ACSIJ3146.

DC 00001017 001

AUTHOR:
Yevdokimov, I. R.

TITLE:
Ultraacoustic Parameters of the Blood in the Dynamics of Acute Radiation Sickness.

PUBLICATION:
Biological Action of Ultrasound and Superhigh Frequency Electromagnetic Oscillations, ed. A. A. Gorodetskiy, Acad Sci, USSR, Inst Physiol imeni A. A. Bogomolets, Kiev, 1964, JPRS30860.

DC 00001134 001

AUTHOR:
Zagorul'ko, L. T.

PUBLICATION:
Usp Sovr Biol 25:231, 1948.

DC 00001019 001

AUTHOR:
Zakrehevskiy, Ye. B. and Malyshev, V. H.

TITLE:
The Chronic Effect of an Ultrahigh Frequency Electromagnetic Field and the Human Organism.

PUBLICATION:
Voennomed Zh. 1964, ACSII7232.

DC 00001022 001

AUTHOR:
Zaret, M. H.

TITLE:
Ocular Effects of Microwave Radiation.

PUBLICATION:
Ann Progress Report (1 Sept 1965 to 1 July 1966),
DAMD4919366G188, US Army Med Research and Devel Command, 1966,
AD635943.

DC 00001020 001

AUTHOR:
Zaret, M. M.

TITLE:
The Biological Effects of Microwave Radiation.

PUBLICATION:
Industrial Hygiene Review, Div of Industrial Hygiene, Dept of
Labor, State of N. Y., 5;11, 1962.

DC 00001021 001

AUTHOR:
Zaret, M. M.

TITLE:
An Experimental Study of the Cataractogenic Effects of Microwave
Radiation.

PUBLICATION:
Tech Doc Report RADCTDR64273, Final Report 5545. Task 554502, Rome
Air Development Center, Griffiss AFB, N. Y., October 1964, AD608746.

DC 00001024 001

AUTHOR:
Zaret, M. M.

TITLE:
Effects of Electromagnetic Radiation on Biological Systems.

PUBLICATION:
Zaret Found, Scarsdale, N. Y., DAMD4919364G136, 1965, AD615469.

DC 00001023 001

AUTHOR:
Zaret, M. M.

TITLE:
Ophthalmic Hazards of Microwave and Laser Environments.

PUBLICATION:
Zaret Found, Scarsdale, N. Y., DA49193MD2592, 1967, AD654523.

DC 00001027 001

AUTHOR:
Zaret, M. M. and Eisenbud, M.

TITLE:

Preliminary Results of Studies of the Lenticular Effects of Microwaves Among Exposed Personnel.

PUBLICATION:

Proc 4th Ann Tri-Service Conf Biol Effects Microwave Radiation, ed. M. F. Peyton, Plenum Press, N.Y., 293-308, 1961, AD244867.

DC 00001026 001

AUTHOR:

Zaret, M. M.; Cleary, S. F.; Pasternack, R.; Eisenbud, M.; Schmidt, H.

TITLE:

A Study of Lenticular Imperfections in the Eyes of a Sample of Microwave Workers and a Control Population.

PUBLICATION:

A Joint Study From the Depart of Ophthalmology and Industrial Med, N. Y. Univ Med Center, Rome Air Development Center, RADCTDR63125 Griffiss AFB, N. Y. March 1963, AD413294.

DC 00001025 001

AUTHOR:

Zaret, M.; Cleary, S.; Pasternack, R.; Eisenbud, M.

TITLE:

Occurrence of Lenticular Imperfections in the Eyes of Microwave Workers and Their Association With Environmental Factors.

PUBLICATION:

RADCTN61226, 1961.

DC 00001018 001

AUTHOR:

Zarzhevskiy, S. Ya. and Karelin, O. M.

TITLE:

The Methods of Calculating the Protective Zones in the Radar Station Areas.

PUBLICATION:

Voennomed Zh (12) 1966, ACSIJ1642.

DC 00001028 001

AUTHOR:

Zdecki, S.

TITLE:

Investigations and Rating of the Organ of Vision of Persons Exposed to the Effect of Microwaves (with Particular Consideration of Dullness in the Eye Lenses).

PUBLICATION:

1968, AD845280.

DC 00001029 001

AUTHOR:

Zeller, E. A.; Wakim, K. G.; Herrick, J. F.; Benedickt, W.

TITLE:

Influence of Microwave on Certain Enzyme Systems in the Lens of the Eye.

PUBLICATION:

Amer J Ophthal 34(9):1301, 1951.

DC 00001030 001

AUTHOR:

Zendle, R. and Goodale, E. E.

TITLE:

Some Unusual X-Radiation Dosimetry Problems Associated with Radar Installations.

PUBLICATION:

Health Phys 2:78-80, 1959.

DC 00001031 001

AUTHOR:

Zenina, I. M.

TITLE:

Effect of Pulsed Electromagnetic UHF Fields on the Control Central Nervous System After Single and Chronic Exposure.

PUBLICATION:

Biological Effect of Radio Frequency Electromagnetic Fields, Inst of Industrial Hygiene and Occupational Diseases, Academy of Med Sci, USSR, Moscow, 26-32, 1964.

DC 00001033 001

AUTHOR:

Zhukhin, V. A.

TITLE:

Pathomorphological Changes Occurring in the Central Nervous Systems of Animals Exposed to Ultrashort Waves.

PUBLICATION:

Tr Nauchno-issledovatel'skogo Inst Nevrologii i Fiziol Metodov Lecheniya, Turkman SSSR (2), 1967.

DC 00001032 001

AUTHOR:

Zhukhin, V. A.

TITLE:

Pathological Anatomical Changes in Certain Animals Under the General Influence of UHF on Them.

PUBLICATION:

Works of the Turkmen Med Inst 2(3-4):1-247, 1938.

DC 00001034 001

AUTHOR:

Zilitinkovich, S. I.; Balobei, P. P.; Bogdanova, E. K.; Ivanov, P. P.; Kuznetsov, Yu. V.

TITLE:

Measuring Apparatus for Biological and Medical Investigations in Centimeter Range of Radiowaves.

PUBLICATION:

Biomed Eng 1(3):177-179, 1967.

DC 00001135 001

AUTHOR:

Zicra, A. M.; Connoiu, M.; Voicu, A.; Stratulat, L.; Bolohan, I.

TITLE:

Histochemical Studies on Some Alterations of the Animal Organism Under the Action of Microwaves.

PUBLICATION:

S3xd Cercet Balneol Fiziolter 8:612-621, 1967, A6880778.

DC 00001035 001

AUTHOR:

Zore, V. A.; Kimel'fed'd, O. D.; Suzdaleva, V. V.; Kobyzenna, L. P.; Genkina, Ye. S.

TITLE:

Complex Dielectric permittivity of Human Blood Serum Under Normal Conditions and During Some Diseases in the 100-500 MHz Range.

PUBLICATION:

Biofizika 12(1):124-126, 1967.

DC 00001036 001

AUTHOR:

Zubenko, P. M.

TITLE:

Mechanism of the Action of UHF on Gas Exchange.

PUBLICATION:

Dnepropetrovsk Universitet, Institut fiziologii, Sbornik rabot (3 : 63, 1940.

DC 00001037 001

AUTHOR:
Zydecki, S.

TITLE:
Examination and Rating of the Vision of Persons Exposed to
Microwaves Effects (With Special Attention to Eye Lens Capacity).

PUBLICATION:
Lekarz Wojskowy (2):124-129, 1967.

APPENDIX A

QUESTIONNAIRE

Biological Effects of Electromagnetic Radiation

Data Base

This questionnaire elicits your comments on the content and form of the data bank on the above subject. Use continuation sheets ad lib. (*)

1. Name: _____
 2. Affiliation: _____
 3. Address: _____
 4. Phone Number: _____
 5. Are you now active in research on the biological effects and hazards of nonionizing electromagnetic radiation ($f < 100 \text{ GHz}$; $\lambda > 3 \text{ mm}$)?
Yes _____ No _____
 6. If the answer to question 5 was No, when were you last so engaged?
Year _____ Never _____
 7. What is your area of expertise?

 8. What percentage of your relevant publications are included in the bibliography?
(Please list missing papers on the reverse or on attached sheets and provide reprints, if available). _____ %
 9. Do you have a personal collection of relevant literature?
Yes _____ No _____
 10. What approximate percentage is included in the Bibliography? _____ %
 11. Would you be willing to loan or grant access to your copies of articles not now included so that they may be added?
Yes _____ No _____
 12. The data bank will be automated. Searches may be made by author, subject, or by any word or phrase in the text of the abstracts. Based upon review of the sample abstracts, would such a service be of value to you in your research?
Yes _____ No _____
- How Much? Great _____ Moderate _____ Questionable _____

13. Do you have a teletype/data phone facility, standard computer Execuport, or other dial-up terminal? Yes ___ No ___

If yes, what type? _____

14. Would you be interested in direct access to the data bank? Yes _____. Only if free _____.
On a subscriber basis _____. Not at all _____.

15. If not so equipped, would mail or telephone access be of value to you? Yes _____. Only if free _____.
On a subscriber basis _____. Not at all _____.

16. If either 14 or 15 are affirmative, about how frequently would you use the bank?

17. What Journals would you suggest be monitored for current awareness (list)?

18. Suggestions (Please note any salient references not included in the bibliography, discuss the value of the data bank from your standpoint and offer any comments you have concerning the content or form of the abstracts or a system for user communication.)

*Please return completed questionnaire to:

Walter Reed Army Institute of Research
Attn: H. Mark Grove (Building 502)
Division of Neuropsychiatry
Walter Reed Army Medical Center
Washington, D. C. 20012

Continuation Sheets

This image shows a single sheet of white paper with horizontal black ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

APPENDIX B

SAMPLE ABSTRACTS

\$NR: 003037

\$AUTHOR: Carpenter, R. L. (Ph.D.)

\$TITLE:

Experimental Radiation Cataracts Induced by Microwave Radiation.

\$PUBLICATION:

Proc 2nd Tri-Service Conf on Biological Effects of Microwave Energy, eds. E. G. Pattishall and F. W. Banghart, 146-168, 1958; Review of work conducted at Tufts University, AD 131477.

\$DATE: 1958

\$SUBDATE: 8 - 10 July, 1958

\$COUNTRY: U.S.A.

\$AFILIATION: Department of Biology, Tufts University

\$TYPECLASS:

Experimental, embryological, general health, review, physiology

\$PRINEFFECT: Thermal, athermal

\$METHOD:

Chicken eggs incubated for 48 hours were exposed to microwave radiation for 6 - 9 minutes at a power density of 0.28 watts/sq. cm., then were returned to incubator for another 48 hours.

Rabbits were exposed to CW radiation at 0.12 to 0.40 W/sq. cm. densities for 5 - 75 minutes with the right eye at 2 inches distance from the housing over the dipole crossover of the director "C". Following exposure, ophthalmoscopic and slit lamp examinations of the eye were made daily and stereo color photographs of the eye were taken. Power density of the R-F field at the position of the eye was measured by a calorimetric method. The temperature of the vitreous was recorded during irradiation at 5 different power levels using a thermistor needle probe inserted in the eye.

Subsequently, 43 rabbits were subjected to repeated subthreshold exposures to a CW power density of 0.38 W/sq. cm. for 3 - 5 minutes each time, with 24 hours to 2 week intervals between exposures.

Also, the eyes of 12 and 4 rabbits were exposed for 20 minutes to radiation of 0.14 W/sq. cm. average power density, which was pulsed on a 50 and 25% duty cycle, respectively. The peak power of each pulse was 0.28 and 0.56 W/sq. cm., respectively, and the pulse repetition rates were 200, 1000, or 5000 pps. in the first group and 200 or 1000 pps. in the second.

\$RESULT:

Nine minute exposures of the 48 hour chick embryo to microwaves at 0.28 W/sq. cm. were lethal and exposures of 5 minutes had no apparent effect, but exposures of 7 or 8 minutes duration resulted in developmental abnormalities which were evident in the embryos examined at the 96 hour stage. The brain, eye, and heart showed suppression of further differentiation in the embryo exposed to microwaves at the 48 hour stage, but their growth continued uninhibited.

In the experiments with 56 rabbits, time and CW power thresholds for the onset of lenticular opacities in a single exposure were established to be 5 minutes at 0.28 W/sq. cm. The higher the power, the less the duration of a single exposure required to produce an opacity. As the power is decreased, the duration of a single exposure must be increased to produce an opacity. The power multiplied by the square root of time is a constant. The average latent period between the time of exposure and the onset of an opacity was 3-1/2 days. The degree of specification varies with the power and duration of the exposure. As the power is increased, the temperature of the vitreous rises more rapidly and reaches a higher level before tending to flatten out. At each power level, the threshold time for opacity formation coincides with the time of exposure at which the vitreous temperature is close to 50° C.

In the experiments with rabbits subjected to repeated subthreshold exposures to CW radiation at 0.28 W/sq. cm. power level, 34 of the 43 rabbits developed various degrees of lenticular opacities. In 14 of these cases, partial or complete regression of the cataract occurred. In a number of cases the lesions have persisted for periods up to 11 months. Cumulative effects have been manifest under conditions as follows: 5, 4, 3-1/2, or 3 minute exposures each day for a total of 4 or 5 exposures; 5 minute exposures every other day for a total of 2 or 3; 5 or 4 minute exposures each week for a total of 2 or 2-4, respectively; and 4 minute exposures every other week for a total of 2-4 exposures.

In the group of 12 rabbits with eyes exposed for 20 minutes to pulsed wave radiation on a 50% duty cycle at 0.14 W/sq. cm. average power, lens opacities developed in 8 of them. Some of the opacities subsequently regressed and others remained permanently.

In the group of 4 rabbits exposed for 20 minutes to radiation of 0.14 W/sq. cm. average power density pulsed on a 25% duty cycle, lens opacities developed in 2, which were pulsed at 200 and 1000 pps., respectively.

\$DISCUSSION: None

\$CONCLUSION:

The work on the irradiated chick embryos was still in progress at the time of study.

In all cases in which lenticular opacities occur, they are preceded by the cortical banding.

The conclusion was drawn from the experiments with rabbits subjected to a single exposure to CW radiation, that the cataractogenic effect of microwave radiation is a thermal effect, with 50° C constituting a critical temperature.

Opacities may develop as a cumulative effect of repeated subthreshold exposures to amounts of CW microwave radiation which singly exert no harmful effect. The cataracts so produced do not differ significantly in morphology or in severity from those caused by single exposures above threshold values.

In the light of the experiments with the effects of pulsed microwave radiation, the conclusion was drawn that the cataractogenic effect of microwaves at the experimental frequency is not primarily a thermal effect.

In the author's opinion, it would be advisable to pay attention to peak powers of the R-F fields rather than to average powers in considering possible hazards to personnel.

\$WAVEFREQ: 12.3 cm., 2440 MHz

\$WAVEMED: CW, pulsed: 200; 100, or 5000 pps.

\$POWERINTEN:

CW: 0.12 to 0.40 W/sq. cm.; pulsed: M 0.14 W/sq. cm., P 0.28 and 0.56 W/sq. cm.

\$OTHERIN: None

\$EQUIP:

Ratheon Microtherm Model DCM4 microwave source, Donaldson Stereo Ophthalmic camera, output pulsing circuit.

\$TYPEXPOS: Acute, intermittent.

\$EXPSUB:

Chick embryo, 115 male New Zealand white rabbits, 6 - 10 weeks old.

\$SYSTEM: Whole embryo, visual system.

\$MISC:

23 p., 10 fig., sponsor: Rome Air Development Center, contract: AF 18(6000)-1792.

\$NR:

\$AUTHOR:

Alfred W. Richardson, Ph.D., Donald H. Lomax, M.D.,
John Nichols, Ph.D., and Harold D. Green, M.D.

\$TITLE:

The role of energy, pupillary diameter, and alloxan diabetes
in the production of ocular damage by microwave irradiations.

\$PUBLICATION: American Journal of Ophthalmology, Vol. 35, No. 7.

\$DATE: July, 1952

\$COUNTRY: U.S.A.

\$AFFILIATION:

Physiology Department, School of Medicine, Indiana University
Bloomington, Indiana, (1st author) and Departments of Physiology
and Pharmacology, Bowman Gray School of Medicine, Winston-Salem, N.C.

\$TYPECLASS: Experimental, physiological, metabolic.

\$PRINEFFECT: Undetermined

\$METHOD:

Rabbits *in vivo* were anesthetized and irradiated with microwaves
over a 16-month period. The distances reported were measured from
the plastic wave director housing to the cornea. The animals were
given sufficient water and food during the experiments. The eyes
were inspected by means of an ophthalmoscope prior to irradiation,
immediately after, and at regular intervals thereafter.

\$RESULT:

Exposures of 11 animals to microwaves of 100 W output at 15.3
cm distance for 20 minutes resulted in no observable opacities over
an 8 month period.

Similar exposures of groups of 8, 2, and 5 animals at respective
distances of 3.5, 3.75, and 5.0 cm. for 15 to 20 minute periods
resulted, respectively, in 75, 50, and 25% lenticular opacities
within 2 to 14 days following irradiation.

Constriction or dilatation of the pupil by atropine or prostigmine did not prevent the formation of lenticular opacities in 11 of the 12 animals irradiated at 3 to 5 cm. distances from the cornea. Pupil diameters in these cases varied from 2 mm to full dilatation. This type of opacification was described.

Two groups of 8 and 23 animals each, received, respectively, 75 and 125 mg/kg injections of alloxan, then, 3 to 4 days later, were irradiated with 100 W. of microwaves for, respectively, 20 minutes at 6.0 cm. and 12 minutes at 5.0 cm. distances. No cataract was formed in any eye of the first group within 30 days after irradiation. In the second group, 33% of the animals developed lenticular opacities within 2 to 15 days of exposure. The average blood sugar content at time of irradiation was 201 and 359 mg %, respectively, in the first and second group of this series.

Differences were noted in the position of opacity in the lens between diabetic and diabetic-irradiated-with-microwaves rabbits.

\$DISCUSSION:

Results of the experiments were discussed from the viewpoint of establishment of safety conditions in microwave therapy. Three possibilities were suggested for the role of heat in microwave exposure. It is believed that the hypothesis will prevail which suggests that heat may be a result of microwave irradiations and may contribute to lenticular damage rather than initiate it. However, more experiments, especially with IR irradiations, are needed to verify their hypothesis.

\$CONCLUSION:

Microwave-induced opacities are due both to increased ocular temperature and a disturbance of the dynamic metabolic equilibrium of the lens. There is a summation of the effects of microwaves and diabetes, presumably in the impairment of the metabolic balance of the eye.

\$WAVEFREQ: 12.25 cm.

\$WAVEMOD: Undetermined.

POWERINTEN: A fraction of 1 W/sq. cm. at 6" distance

OTHERIN:

Atropine diluted solution, prostigmine, alloxan 75 and 125 mg/kg.

\$EQUIP:

Raytheon microwave generator model CMD4, rectangular corner-type wave director, ophthalmoscope.

\$TYPEXPOS: Acute

\$EXSUB: 62 gray or albino rabbits weighing 2 to 5 kg.

\$SYSTEM: Visual system.

\$MISC:

8 pp., 4 fig., 5 tables, 16 ref., grant H-487C from the National Heart Institute of the National Institutes of Health.

\$NR: 003054

\$AUTHOR: Belova, S.F. and Gordon, Z.V.

\$TITLE: Action of Centimeter Waves on the Eye

\$PUBLICATION: Bull Exper Biolo Med, 41(4):43-46, 1956

\$DATE: 1956

\$SUBDATE: May 3, 1955

\$COUNTRY: U.S.S.R.

\$AFFILIATION:

Institute of Industrial Hygiene and Occupational Diseases,
Acad. Med. Sc., U.S.S.R., Moscow.

\$TYPECLASS: Experimental, general health

\$METHOD:

One eye of the rabbits was exposed to 10 cm. microwave radiation. Forty minutes before an exposure, the pupils were dilated by administering 1% homatropine. The eyelids were kept open by retraction with adhesive tape.

In the series of acute experiments the rabbits were subjected to 1 - 7 exposures each of 1 hour duration.

In the chronic experiment series, the rabbits were exposed daily for 10 minute periods for 6 weeks.

Ophthalmoscopic, slit-lamp, and morphological examinations were made before and after each exposure.

\$RESULTS:

In acute experiments immediately after irradiation, reddening of the conjunctiva, sinuous red band of dilated vessels, dull and edematous cornea were observed. Different animals exhibited various degrees of injection of the pericorneal vessels which disappeared within 4 - 5 days. The capsule of the iris and the fundus showed slight hyperemia which disappeared within 24 hours. Zigzag bands were observed traversing the lens of some animals. Observation was continued for 4 - 5 months.

In chronic experiments, slight irritation of the anterior parts of the eye was observed after the first exposure, which became more pronounced after the third. Changes in the lens developed usually after 15 - 17 exposures (21 days) and were similar to those in group I.

The observations were confirmed by morphological examinations of both groups. In the acute series, the changes in the cornea amount to keratosis, with subsequent scaly desquamation. Hydration of the cortical layers was also observed in the lens.

In the chronic series, a tendency was evident toward keratosis and desquamation in the superficial layers, as well as hydration of the cortical layers of the lens.

\$DISCUSSION:

The intensity of irradiation was about 30 times smaller than in the foreign experiments whose authors concluded that the injuries to the eye were the result of thermal effects of exposure to cm waves. The intensity in the authors' experiments was considered still too high to allow the exclusion of thermal effects.

\$CONCLUSION:

Further experiments are planned to study the action of very weak cm wave radiation and to establish the mechanism of the action.

\$WAVEFREQ: 10 cm.

\$POWERINTEN: 110 mV/cm²

\$OTHERIN: 1% homatropine

\$TYPEXPOS: Acute, chronic

\$EXPSUB: 25 gray rabbits, weighing 3.5 - 4 kg.

\$SYSTEM: Visual system.

\$MISC: 4 p., 2 fig., 4 ref. (Original source at NLM.)

APPENDIX C

ABSTRACT FORMAT

\$NR:	Document Accession Number
\$AUTHOR:	
\$TITLE:	
\$PUBLICATION:	Journal of Publication
\$DATE:	Date of Publication
\$SUPDATE:	Date Submitted
\$COUNTRY:	Country of Origin
\$AFFILIATION:	Affiliation of Author(s)
\$TYPECLASS:	Broad Description of Type of Study
\$PRINEFFECT:	Principal Effects Observed
\$METHOD:	
\$RESULT:	
\$DISCUSSION:	
\$CONCLUSION:	
\$WAVEFREQ:	Wavelength or Frequency Used
\$WAVEMOD:	Modulation, if any
\$POWERINTEN:	Intensity of Radiation
\$OTHERIN:	Other Input (Drugs, etc.)
\$EQUIP:	Salient Equipment Used
\$TYPEXPOS:	Type of Exposure e.g., Acute, Chronic
\$EXSUB:	Experimental Subject(s)
\$SYSTEM:	Biological System Analyzed
\$MISC:	Miscellaneous Additional Information