

1575. SOKOLOV, V. V., et al. (1962) Summaries of reports. Questions of the Biological Effect of a SHF-UHF Electromagnetic Field. Kirov Order of Lenin Military Medical Academy, Leningrad, p. 48 only, "The effect of centimeter waves of varying intensity on blood"
1576. SOLEM, D. L., REMARK, D. G., MOORE, R. L., CRAWFORD, R. E., RECHEN, H. J. L. (1968) U. S. Dept. of Health, Education, and Welfare, Public Health Service, Environmental Control Admin., Technical Service Branch Staff Rept., TSB No. 5, "Report of preliminary measurements of electromagnetic radiation fields near microwave ovens" (Also: Non-Ionizing Rad. 1(2):88-94 (1969))
1577. SOLOV'EV, N. A. (1962) In: Proc. of the 2nd Union Conf. on the Use of Radioelectronics in Biology and Medicine, Moscow, pp. 29-, "Differentiation of the action of alternating magnetic field and the emfs and currents induced by it in living organisms"
1578. SOLOV'EV, N. A. (1963) Trudy Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta Meditsinskikh Instrumentov, Oborudovani, USSR, 3:120-, "Responses of the entire living organism to an electromagnetic field"
1579. SOLOV'EV, N. A. (1963) Doklady Akademii Nauk SSSR 149:438-, "Mechanism of the biological action of a pulsed electromagnetic field"
1580. SOLOVTSOVA, K. M. (1965) Fiziologicheskii Zh. Akad. Nauk UKR SSSR 11(4):489-503, "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"
1581. SOMMER, H. C., & Von GIERKE, H. E. (1964) Aerospace Med. 35(9):834-839, "Hearing sensations in electric fields"
1582. SOROKINA, YE. I. (1965) Voprosy Kurortologii i Fizioterapii i Lechebnoy Fizicheskoy Kul'tury (Problems in Health Resort Sci., Physiotherapy & Medical Physical Culture) 1:40-45, (JPRS 29914, pp. 1-8; TI 65-30903 (1965)), "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"
1583. SOUTHWORTH, G. (1937) J. of Applied Physics 8:660-664, "New experimental methods applicable to ultrashort waves"
1584. SWITON, E., GRAY, K., & PRESTON, T. (1970) British Heart J. 32:626-632, "Electrical interference in non-competitive pacemakers"
1585. SPALA, M. (1961) Sbornik lekarsky 63:349-370, "Dosimetry of thermogenic effects of an rf field and its tolerable dose" in the rabbit" (In Czech.)
1586. SPALA, M., RIEDEL, O., & KACL, J. (1962) Casopis Lekaru Ceskych 101:791-795, (In Czech) "Effect of the rf field on the metabolism of bone tissue in the rabbit: Incorporation of osteotropic radioisotopes"
1587. SPARKS, R. A. (1961) Digest of the Internat. Conf. on Medical Electronics, Biological Effects of Microwaves I (Athermal Aspects), (Fromm, P. L., ed.) Plenum Press, New York, pp. 230-, "X-radiation hazards from high power traveling wave tubes"
1588. SPASSKIY, V. A. (1956) Voenno Meditsinskii Zh. (USSR Military Med. J.) (9):25-28, (Abstr. in: The Biological Effects of Electromagnetic Fields - Annotated Bibliography, ATD Rept. P-65-17, 1965), "The objectives of the study of work conditions and hygienic facilities for the personnel of radar stations"
1589. SPECTOR, W. (1969) Medical College of Virginia Quarterly 5(1):20-, "Thermodes and theories"
1590. SPEICHER, H. W. (1958) AMA Arch. of Industrial Health 17:546-555, "Some factors to be considered in a protection program for use of radiation sources"
1591. SPENCER, J. L., & KNAUF, G. M. (1957) Proc. 1st Tri-service Conf. on Biological Hazards of Microwave Radiation, (Pattishall, E. G., ed.) 1:52-59, "Exposure of Air Force personnel to ionizing radiation produced by radio frequency generators - summary"
1592. STARIKOVA, M. N. (1959) Sovetskaya Meditsina 3:66-68, "The use of a new physical factor - The pulsed VHF-HF electric field in cases of acute inflammatory infiltrates and lymphadenitis"
1593. STARNER, C. F., WHALEN, R. E., & MCINTOSH, H. D. (1964) Amer. J. of Cardiology 14:537-546, "Hazards of electric shock in cardiology"
1594. STEPHENS, F. H., JR. (1959) In Investigators' Conf. on Biological Effects of Electronic Radiating Equipments, (Knauf, G. M., Chm.) pp. 42-45, (AD 214693), "Equipment and methods employed in the exposure of experimental animals to microwaves at 24,000 megacycles"
1595. STEPHENS, F. H., JR. (1961) Industrial Med. & Surgery 30:221-228, "Microwave radiation of 10 mw/cm and factors that influence biological effects at various power densities"
1596. STEPHENS, F., & LANDEEN, K. (1953) J. of Occupational Med. 5:418-425, "Effects on dogs of chronic exposure to microwave radiation"
1597. STEPIN, L. D. (1965) M.I.T. Press, Quantum Radio Frequency Physics
1598. STIEBOCK, L. H. (1935) Arch. of Physical Therapy 16:657-661, "The fundamentals and indications of short wave therapy, fulguration and coagulation"
1599. STILLWELL, G. K. (1967) In: Vol. 4, Therapeutic Electricity and Ultraviolet Radiation, Physical Medicine Library, (Licht, S. H., ed.), Licht, E., Pub., New Haven, Conn., "Clinical electric stimulation"
1600. STOCKMAN, H. E. (1969) Electronics (Nov. 24), 110-, "Seeing in the dark is aim of r-f holography"
1601. STODOLNIK-BARANSKA, W. (1967) Nature 214:102-103, "Lymphoblastoid transformation of lymphocytes in vitro after microwave irradiation"

1602. STOLWIJK, J. A. J., & HARDY, J. D. (1965) Rept. No. DASA-1566, "Skin and subcutaneous temperature changes during exposure to intense thermal radiation"
1603. STOPCZYK, M., & PIENIAK, M. (1968) Polish Arch. Med. Wewn 41:773-782, (In Polish), "Diagnosis of the cause of stimulation disorders in patients with implanted heart stimulators with constant rhythm"
1604. STOWELL, R. E., ARNOLD, E. A., GOLDBLATT, P. J., TAKASHIMA, S., TRUMP, B. F., & YOUNG, D. E. (1960) Armed Forces Institute of Pathology Annual Progress Rept., (AD 241314), (Also 1964 Progress Report), "Biological and biochemical effects of microwaves"
1605. STOWELL, R. E., ARNOLD, E. A., FAITH, C. C., GRIFFIN, J. L., & YOUNG, D. E. (1965) Armed Forces Institute of Pathology Annual Progress Rept., pp. 98-117, (AD 470416; RCS-MEDDH-288), "Biological and biochemical effects of microwaves and other physical agents"
1606. STRASSBURGER, A., & SCHLIEPHAKE, E. (1935) Archiv fur Experimentelle Pathologie u. Pharmacol. 177:1-17, (In German) "The influence of ultrashort waves on the heat regulation of rabbits"
1607. STRAUB, K. D., & LYNN, W. S., JR. (1963) Federation Proc. 22, Abstr. No. 2763, p. 623 only, "Effects of oxidizing and reducing agents and A-C current on frog skin potential"
(USSR Military Medical J.)
1608. STYKAN, O. A. (1967) Voenno Meditsinskiy Zh./ (7):36-38, (ATD Abstr. 8(6/51)), "Problem of radiation-genetic effects of the electronic-vacuum apparatus in radar stations"
1609. SUBBOTA, A. G. (1957) Trudy Voenno Meditsinskii Akademii i Kirov, USSR, 73:35-37 (Abstr. from Zh. Biol. No. 46203, 1959), "The effect of SHF-UHF electromagnetic fields upon the higher nervous activity of dogs"; *ibid.*, pp. 78-83, (Abstr. from Zh. Biol. No. 59927, 1959), "Changes in respiration, pulse rate and general blood pressure during irradiation of animals with SHF-UHF *ibid.*, pp. 111-115, (Abstr. from Zh. Biol. No. 59926, 1959), "The effect of a SHF-UHF field on heart function and the lumen of vessels"; *ibid.*, pp. 127-132, (Abstr. from Zh. Biol. No. 59922, 1959), "Effect on the blood of animals of exposure to a strong SHF-UHF field"; *ibid.*, pp. 165-, "Some tissue reactions due to local exposure to a SHF field"
1610. SUBBOTA, A. G. (1958) Biulleten Eksperimental'noi Biologii i Meditsiny 46(10):55-61, "The effect of pulsed SHF-UHF electromagnetic fields on the higher nervous activity of dogs"
1611. SUBBOTA, A. G. (1959) In: Summaries of reports. Labor Hygiene and the Biological Effect of Radio Frequency Electromagnetic Waves, Moscow, (Title not given)
1612. SUBBOTA, A. G. (1962) In: Summaries of reports. Questions of the Biological Effect of a SHF-UHF Electromagnetic Field. Kirov Order of Lenin Military Medical Academy, Leningrad, pp. 49-51, "Some problems of adjustment and accumulation under multiple exposures to microwaves"
1613. SUBBOTA, A. G., & GREBESHEVA-KOVA, A. M. (1967) In: Medical and Biological Problems of SHF Radiation. (Petrov, I. K., ed.) (Title not given)
1614. SUPONITSKAYA, F. M. (1933) Byull. Tsentr. Nii Fiz. Metodov Lecheniya Im Sechenov (6-7):244-, (Abstr. in: The Biological Effects of Electromagnetic Fields - Annotated Bibliography, ATD Rept. P-65-17, 1965), (Title not given)
1615. SURDUEC, H. J. (1967) Arch. of Environmental Health 14:469-472, (Also in Senate Hearings, pp. 1359-1362), "Microwave oven radiation hazards in food vending establishments"
1616. SUSSKIND, C. (1958) Annual Scientific Rept. (1957-1958); (RADC TR-59-298; AD 226735) Institute of Engineering Research, Univ. of Calif. (Berkeley), Ser. No. 60, No. 2, "Biological effects of microwave radiation"
1617. SUSSKIND, C. (1959) Annual Scientific Rept. (1958-1959); (RADC TR-59-181; AD 227847), 45 pages, Inst. of Engineering Research, Univ. of Calif. (Berkeley), Ser. No. 60, No. 241, "Cellular and longevity effects of microwave radiation"
1618. SUSSKIND, C. (1959) In: Investigators' Conf. on Biological Effects of Electronic Radiating Equipments (Knauf, G. M., Chm.) (RADC TR-59-67, p. 18 only; AD 214693), "Summary of the microwave research performed at the Univ. of Calif."
1619. SUSSKIND, C., (ed.) (1959); (RADC TR-59-140, Univ. of Calif., Berkeley, AD 234788) 335 pages, "Proc. of 3rd Annual Tri-service Conf. on Biological Effects of Microwave Radiating Equipments"
1620. SUSSKIND, C., et al. (1960) Institute of Engineering Research, Univ. of Calif., Berkeley, Series No. 60, No. 285, (RADC TR-60-122; AD 245534) 39 pages, "Microwave radiation as biological hazard and tool"
1621. SUSSKIND, C. (& Staff) (1961) Annual Scientific Rept. (1960-1961); (RADC-TR-61-205; AD 269385), Inst. of Engineering Research, Univ. of Calif., Berkeley, Series No. 60, No. 382, 28 pages, "Longevity study of the effects of 3-cm microwave radiation on mice"
1622. SUSSKIND, C., (& Staff) (1962); (RADC-TR-62-624) Univ. of Calif., Berkeley, Series No. 60, No. 489, "Nonthermal effect of microwave radiation"
1623. SUSSKIND, C., & FRAUSNITZ, S. (1959) Proc. of the 3rd Tri-service Conf. on Biological Effects of Microwave Radiating Equipments, (Susskind, C., ed.) 3:33-, (RADC-TR-59-140), "Temperature regulation in laboratory animals irradiated with 3-cm microwaves"
1624. SUSSKIND, C., & VOGELHUT, P. O. (1959) Proc. of the 3rd Tri-service Conf. on the Biological Effects of Microwave Radiating Equipments, (Susskind, C., ed.) 3:46-53, "Analytical and experimental investigation of unicellular organisms with 3-cm microwaves"
1625. SUSSKIND, C., & VOGELHUT, P. O. (1959) Digest of Technical Papers, Proc. of the 12th Annual Conf. on Electrical Techniques in Medicine and Biology (Schwan, H. P., Chm.), p. 53 only, "Analytical and experimental investigation of unicellular organisms under microwave irradiation"

1626. SUSSKIND, C., & VOGELHUT, P. O. (1961) Presented at the Conf. on Microwave Measurement Techniques held by the Inst. of Electrical Engineers in London, Sept., (Institute of Engineering Research, Univ. of Calif., Berkeley, Series No. 60, No. 429, 1962, p. 19-); (Also in: Proc. of the Institute of Electrical Engineers 109B, Suppl. 23:668-669, and 682-685 (1961)), "Cavity perturbation measurement of the effects of microwave radiation on proteins"
1627. SUSSKIND, C., & VOGELHUT, P. O. (1963) Annual Scientific Rept. No. 63-27 (1962-1963) Univ. of Calif., Berkeley. (AD 433659) "Biological uses of non-ionizing radiation"
1628. SUVOROVSKAYA, N. A. (1961) Patologicheskaya Fiziologiya i Eksperimental'naya Terapiya 5(1):38-40, (JPBS 9314), "Investigation of the effect of electromagnetic energy of centimeter waves on hemopoiesis pathology"
1629. SVETLOVA, Z. P. (1962) In: Summaries of reports. Questions of the Biological Effect of a SHF-UHF Electromagnetic Field. Kirov Order of Lenin Military Medical Academy, Leningrad, pp. 43-44, "Changes in the symmetrical conditioned and unconditioned reflexes in dogs under the influence of a SHF-UHF field in the decimeter range"
1630. SWANSON, J. R., ROSE, V. E., & POWER, C. H. (1970) Paper presented at 4th Annual Midyear Topical Symposium, Health Physics Soc., Electronic Product Radiation and the Health Physicist, Louisville, Ky., 28-30 Jan.; Bureau of Radiation Health, Div. of Electronic Products Rept. No. 70-26, pp. 95-110, (Also: Amer. Industrial Hygiene Assoc. J. 31:623-629, (1970)), "A review of international microwave exposure guides"
1631. SYCH, G. YA. (1940) Dnepropetrovsk. Universitet. Institut fiziologii. Sbornik rabot, 3:103-, (Abstr. in: The Biological Effects of Electromagnetic Fields - Annotated Bibliography, ATD Rept. P-65-17, 1965), [Title not given - Discusses alteration of reflex times in frogs exposed to ultrahigh frequency electromagnetic fields]
1632. SYNGAYEVSKAYA, V. A. (1962) In: Summaries of reports. Questions of the Biological Effect of a SHF-UHF Electromagnetic Field. Kirov Order of Lenin Military Medical Academy, Leningrad, pp. 52-53, "Some metabolic indices in the blood and urine of individuals following their exposure to SHF-UHF electromagnetic fields"
1633. SYNGAYEVSKAYA, V. A., & IGNATYEVA, O. S. (1962) In: Summaries of reports. Questions of the Biological Effect of a SHF-UHF Electromagnetic Field. Kirov Order of Lenin Military Medical Academy, Leningrad, p. 52 only, [Title not given]
1634. SYNGAYEVSKAYA, V. A., IGNATYEVA, O. S., & PLESKINA-SINENKO, G. F. (1962) In: Summaries of reports. Questions of the Biological Effect of a SHF-UHF Electromagnetic Field. Kirov Order of Lenin Military Medical Academy, Leningrad [Title not given]
1635. SYNGAYEVSKAYA, V. A. & PLESKINA-SINENKO, G. F. (1959) In: Summaries of reports. Labor Hygiene and the Biological Effect of Radio Frequency Electromagnetic Waves, Moscow [Title not given]
1636. SYNGAYEVSKAYA, V. A., PLESKINA-SINENKO, G. F., & IGNATYEVA, O. S. (1962) In: Summaries of reports. Questions of the Biological Effect of SHF-UHF Electromagnetic Field. Kirov Order of Lenin Military Medical Academy, Leningrad, pp. 51-52, "The effect of microwave radiation in the meter and decimeter waveranges on the endocrine regulation of carbohydrate metabolism and the functional state of adrenal cortex in rabbits and dogs"
1637. SZACHNOWICZ, L. A. (1967) Pediatrica Polska 42:679-684, "Use of physical therapy in sequelae and late complications of infectious hepatitis (Borkin's Disease) in children"
1638. SZCZUREK, H. (1963) Przegląd Wojskowych, Warsaw, 3(3):5-15, "Effect of microwaves on living organisms"
1639. SZYMANOWSKI, W. T., & HICKS, R. A. (1932) J. of Infectious Diseases 50(1):1-25, (Title?)
1640. TACCARI, E., CRESPI, M., & DEAINOTTO, F. (1967) Rassegna di medicina sperimentale 14(4):158-167, "Experimental contribution to the study of the effects of microwaves on the mesenteric mast cells of the albino rat"
1641. TAKASHIMA, S. (1966) IEEE Trans. on Bio-Medical Engineering, BME-13(1):28-31, "Studies on the effect of radio-frequency waves on biological macromolecules"
1642. TAKATA, H., & MURASUGI, T. (1941) Bioklimatische Beiblätter 8:17-26, "Disturbance of the flocculation index in healthy human blood serum: Cosmo-terrestrial sympathy"
1643. TALLARICO, R. B., & KETCHUM, J. (1959) Annual Report to Air Force of Microwave Radiation Research at the Univ. of Illinois, (AD 232925), pp. 57-78, "Effects of exposure to microwave and infrared energy upon behavior of rats"
1644. TALLARICO, R. B., & KETCHUM, J. (1959) Proc. 3rd Tri-service Conf. on Biological Effects of Microwave Radiating Equipments, (Susskind, C., ed.) 3, pp. 7 "Effect of microwaves on certain behavior patterns of the rat"
1645. TALLIAN, O. G. (1961) Proc. 4th Tri-service Conf. on the Biological Effects of Microwave Radiation, Vol. 1, (Peyton, T. F., ed.), pp. 3-8, "Radio frequency environment"
1646. TANNER, J. A. (1966) Nature 210:636 only, (Nov 7), "Effect of microwave radiation on birds"
1647. TANNER, J. A., & ROMERO-SIERRA, C. (1968) 2nd Canadian Medicine and Biology in Engineering Conf., Toronto, (11 Sept.) "Microwaves vs. birds: A new approach to the bird problem in aviation"
1648. TANNER, J. A., & ROMERO-SIERRA, C. (1969) Proc. of the "Biological Effects and Health Implications of Microwave Radiation" Symposium, (Cleary, S. F., ed.), Medical College of Va., Richmond, Va., 17-19 Sept.; (Bureau of Radiological Health/Division of Biological Effects, Rept. No. 70-2, pp. 185-187), "Bird feathers as sensory detectors of microwave fields"
1649. TANNER, J. A., ROMERO-SIERRA, C., & DAVIE, S. J. (1967) Nature 216:1139 only, (16 Dec.), "Non-thermal effects of microwave radiation on birds"
1650. TANNER, J. A., ROMERO-SIERRA, C., & DAVIE, S. J. (1969) J. of Microwave Power 4(2):122-128, "The effects of microwaves on birds: preliminary experiments"
1651. TANNER, J. A., ROMERO-SIERRA, C., & VILLA, F. (1969) Proc. of 8th Internat. Conf. on Medicine and Biology in Engineering; and 22nd Annual Conf. on Engineering in Medicine and Biology, held in Chicago, Ill., 21 July, "Changes of muscle action in birds exposed to a microwave field"

1652. TARCHEVSKIY, I. A. (1964) In: Proc. of Concluding Scientific Conf. of Kazan State University, Kazan, pp. 30-, "Change in photosynthetic carbon metabolism as a nonspecific response to the action of electromagnetic factors"
1653. TARJAN, P. P., & MURPHY, W. P., JR. (1970) J. Amer. Medical Assoc. 214(7):1328 only, "Cardiac pacemakers and microwave ovens"
1654. TARUSOV, B. N. (1938) Arkhiv Biologicheskikh Nauk Moscow (Archives des Sciences Biologiques) (2):pp.? (Abstr. in: The Biological Effects of Electromagnetic Fields - Annotated Bibliography, A'D Rept P-65-17, Apr. 1965), "Electroconductivity as a method of determining the viability of tissues"
1655. TATARINOV, V. V., & FREMKEL', G. L. (1939) Medgiz, Leningrad, An Introduction to the Study of Ultrahigh Frequency Biological Effects
1656. TAUSSIG, M. B. (1969) Amer. Scientist 57(3):306-316, "Death from lightning and the possibility of living again"
1657. TAYLOR, F. J. D., FLOYD, C. F., & RAWLINSON, W. A. (1960) Proc. of the Internat. Conf. on Medical Electronics and Biological Engineering, 3:393-398, "Some aspects of the measurement of potentially hazardous electromagnetic fields"
1658. TEIXEIRA-PINTO, A. A., CUTLER, J. L., & HELLER, J. H. (1959) Investigators Conf. on Biological Effects of Electronic Radiating Equipments, held at Patrick AFB, Fla. 14-15 Jan. (Knauf, G. M. Chm.) RADC-TR-59-67, pp. 31-32, (AD 214693), "Review of work accomplished at the New England Institute for Medical Research"
1659. TEIXEIRA-PINTO, A. A., MEJELSKI, L. L., CUTLER, J. L., & HELLER, J. H. (1960) Experimental Cell Research 20:548-564, "The behavior of unicellular organisms in an electromagnetic field"
1660. TEPLYAKOVA, M. L. (1965) Trans. of the Science Conf., Central Science Laboratory, Tomsk, (2):363-364, "Clinical and morphological changes in the visual organ in guinea pigs under short term exposure to alternating and constant magnetic fields"
1661. TEREENT'YEVA, YE. V. (1945) Nauchno-issledovatel'skiye ratoty biologicheskikh nauk za 1945 g. Referaty. (Research of the division of biological sciences for 1945. Abstracts, (Izd-vo AN SSSR pp. 347- (1947), (Abstr. in: The Biological Effects of Electromagnetic Fields - Annotated Bibliography, ATD Rept. P-65-17, 1965), [Title not given; Discusses exposure of the head of dogs to UHF fields (50 Mhz) at thermal levels. Changes in conditioned reflex feeding effects were observed]
1662. TENNIE, M., & LOMBARDINI, P. (1951) Bolllettino Dell'Istituto Sieroterapico Milanese, Italy, 30:134-150, "Effect of microwaves on bacteria: electromagnetic waves of 3, 10, and 142 cm. wavelength on Escherichia coli"
1663. THERIOT, F. P. (1953) Unpublished summary of the "Conference on the Biological Effects of Microwaves" held at the Naval Medical Research Institute, Bethesda, Md., 29 April
1664. THOMAS, J. A., & THOMSON, J. D. (1961) Federation Proceedings 20(1):401-, (Also, Dissertations Abstr. 22(5):1696 (1961)) "The effect of microwave irradiation on spermatogenesis and on accessory sex organs in the male Albino rat"
1665. THOMPSON, R. L. (1970) Presented at 4th Annual Midyear Topical Symposium, Health Physics Soc., Electronic Product Radiation and the Health Physicist, Louisville, Ky., 28-30 Jan., Bureau of Radiation Health, Div. of Electronic Products Rept. No. 70-26, pp. 463-464, "Microwave hazards surveillance and control"
1666. THOMPSON, W. D., & BOURGEOIS, A. E. (1965) Primate Behavior Lab., Aeromedical Research Lab. Report, (Wright-Patterson AFB, Ohio), (ARI-TR-65-20; AD 489245; / 77 pages, "Effects of microwave exposure on behavior and related phenomena" [i.e., physiological processes] & X57-11057)
1667. THOMSON, P. (1910) Proceedings, Royal Soc. (London) 82:396-, "A physiological effect of an alternating magnetic field"
1668. THOMSON, R. A. E., MICHAELSON, S. H., & HOWLAND, J. W. (1960) Federation Proceedings 19(1):71-, "Leucocyte changes in normal dogs exposed to microwaves"
1669. THOMSON, R. A. E., MICHAELSON, S. H., & HOWLAND, J. W. (1963) Report, 10 pages, (RADC-TDR-63-352, AD 424411), "Microwave modification of x-ray lethality in mice"
1670. THOMSON, R. A. E., MICHAELSON, S. H., & HOWLAND, J. W. (1965) Radiation Research 24:631-635, "Modification of x-irradiation lethality in mice by microwaves (Radar)"
1671. THOMSON, R. A. E., MICHAELSON, S. H., & HOWLAND, J. W. (1966) Blood 28(2):157-162, "Leukocyte response following simultaneous ionizing and microwave (Radar) irradiation"
1672. THOMSON, R. A. E., MICHAELSON, S. H., & HOWLAND, J. W. (1967) Aerospace Medicine 38(3):252-255, "Microwave radiation and its effect on response to x-radiation"
1673. THORPE, H. (1952) Trans. of the American Academy of Ophthalmology 56:596-599, "Microwave diathermy in ophthalmology. The various diathermy currents used in ophthalmology"
1674. TIAGIN, M. V. (1958) Bulletin Eksperimental'noi Biologii i Meditsiny (Moskva) 46(8):963-966, "The thermal effects of UHF electromagnetic fields" (A duplicate of TIAGIN (1958) #1718)
1675. TIKHONOVA, M. A. (1948) Problems of Experimental Physiotherapy, Collection, Tashkent, pp. 113-119, "The problem of the action of an electromagnetic (UHF) field on the growth of young animals"
1676. TITEL, J. N., & EL-ETR, A. A. (1968) Anesthesiology 29:845-846, "Fibrillation resulting from pacemaker electrodes and electrocautery during surgery"
1677. TYACHENKO, YE. G., & PALALKA, Y. S. (1965) Trans. of Science Conf., Central Science Lab. Tomsk, pp. 338-341, "Changes in the reactivity of leukocytes in the peripheral blood of Albino mice simultaneously vaccinated against anthrax under the action of an alternating electromagnetic field"

1678. TKAN, V. K., & PRIKHOZHII, I. I. (1953) *Ist. Biofiz. Akad. Nauk SSSR Sci. Session Celebrating Achievements of Soviet Biophysics in Agriculture*, pp. 61-, "Peculiarities of the kinetics of electrical properties of the blood under the action of UHF, infrared rays, and high frequency fields on the organism"
1679. TOLGSKAYA, M. S. (1957) *Bulleten Eksperimental'noi Biologii i Meditsiny (Moskva)* 43(1):104-107, "Changes in the synaptic formations during intoxication with occupational poisons"
1680. TOLGSKAYA, M. S. (1959) *Voprosy Kurortologii Fizioterapii i Lechnoy Fizicheskoy Kul'tury (Problems in Health Resort Sci., Physiotherapy, & Medical Physical Culture)* (1):21-24, (Abstr. in: Biological Effects of Microwaves: Compilation of Abstracts, Sept. 1965, pp. 28-29; ATD-P-65-68), "Morphological changes in animals exposed to 10 cm microwaves"
1681. TOLGSKAYA, M. S., & FUKALOVA, P. P. (1968) *Gigiena Truda i Professional'nye Zabolovaniya (Moskva)* (9):37-40, "Morphological changes in experimental animals under the action of electromagnetic fields in the HF and VHF ranges"
1682. TOLGSKAYA, M. S., & GORDON, Z. V. (1959) In: *Summaries of reports. Labor Hygiene and the Biological Effect of Radio Frequency Electromagnetic Waves. Moscow*, pp. 55-, [Title not given]
1683. TOLGSKAYA, M. S., & GORDON, Z. V. (1960) *Trudy Nii Gigiyena Truda i Profzabolevaniy AN SSSR* (1):99-103, (In Russian); (In: *The Biological Action of UHF*, Letavet, A. A., & Gordon, Z. V., (eds.), Moscow, Academy of Medical Sciences USSR, 1960, pp. 104-108 (OTS 62-19175-R; JPRS 12471); (Abstr. in: The Biological Effects of Electromagnetic Fields - Annotated Bibliography, 1965); (Also, Abstr. in: Biological Effects of Microwaves: Compilation of Abstracts, Effect of UHF on receptor and interoceptor mechanisms", Sept. 1965, pp. 37-38; ATD-P-65-68), "Changes in the receptor and interoceptor apparatus under the influence of SHF-UHF radiation"
1684. TOLGSKAYA, M. S., & GORDON, Z. V. (1964) *Trudy Nii Gigiyena Truda i Profzabolevaniy AN SSSR* (2):80-88, (Biological Effects of Radio Frequency Electromagnetic Fields, *Inst. of Industrial Hygiene & Occupational Diseases, Acad. of Med. Sciences, Moscow*), "Comparative morphological characteristics of the effect of microwaves of various wavelengths"
1685. TOLGSKAYA, M. S., GORDON, Z. V., & LOBANOVA, YE. A. (1957) In: *Summaries of reports. Part 2. Jubilee Scientific Session of the Institute of Labor Hygiene & Occupational Diseases Dedicated to the 40th Anniv. of the Great October Socialist Revolution, Moscow*, [Title not given]
1686. TOLGSKAYA, M. S., GORDON, Z. V., & LOBANOVA, YE. A. (1959) *Voprosy Kurortologii Fizioterapii i Lechnoy Fizicheskoy Kul'tury (Problems in Health Resort Sci., Physiotherapy, & Medical Physical Culture)* (1):21-24, (Abstr. in: Biological Effects of Microwaves: Compilation of Abstracts (1965), ATD-P-65-68), "Morphological changes in experimental animals under the action of ten centimeter electromagnetic waves"
1687. TOLGSKAYA, M. S., GORDON, Z. V., & LOBANOVA, YE. A. (1960) In: Physical Factors of the Environment, Letavet, A. A. (ed.) [Title not given]
1688. TOLGSKAYA, M. S., GORDON, Z. V., & LOBANOVA, YE. A. (1960) *Trudy Nii Gigiyena Truda i Profzabolevaniy AN SSSR* (1):90-98, (In Russian); (Abstr. in: *The Biological Action of UHF*, Letavet, A. A., & Gordon, Z. V., (eds.), Moscow, Academy of Medical Sciences USSR (1960), pp. 94-103; OTS 62-19175; JPRS 12471); (Also abstr. in: Biological Effects of Microwaves: Compilation of Abstracts, "Effect of pulsed and nonpulsed UHF on the organism", Sept. 1965, pp. 34-37; ATD-P-65-68), "Morphological changes in experimental animals under the influence of pulsed and continuous wave SHF-UHF radiation"
1689. TOLGSKAYA, M. S., & NIKONOVA, K. V. (1964) *Trudy Nii Gigiyena Truda i Profzabolevaniy AN SSSR* (2):89-93, "Histologic changes in the organs of white rats under continuous exposure to MF-LF electromagnetic fields"
1690. TOLGSKAYA, M. S., et al (1957) *Izvestiya Doklady Yubileynoy Sessii Institut Gig. Tr. Prof. Zabol.* (2):73-74, "Morphological changes in animals exposed to SHF and UHF fields"
1691. TOLLES, W. E., & MORYATH, W. J. (1956) *Trans. of Institute of Radio Engineers on Medical Electronics*, PGME-4:13-15, (See also Erratum in *Trans. of Inst. of Radio Engineers PGME-7:pp? 1956*); (Presented at Symposium on Physiologic and Pathologic Effects of Microwaves, Krusen, F. H., (Chm.), Mayo Clinic, 23-24 Sept., 1955), "Energy densities of microwave radiating systems"
1692. TOMBERG, V. T. (1934) *Abstracts of the 1st Internat. Congress on Electro-Radio-Biology*, (Cappelli, L., ed.) Bologna, Italy, pp. 445-451, (In German with English summary) "The specific biological effects of short wavelength electrical energy"
1693. TOMBERG, V. T. (1959) *Digest of Technical Papers, Proc. 12th Annual Conf. on Electrical Techniques in Medicine and Biology*, (Schwan, H. P., Chm.), pp. 58-59, "Bioregulative actions of microwaves"
1694. TOMBERG, V. T. (1960) *Proc. 2nd Internat. Conf. on Medical Electronics, Paris, (1959)*, Chas. C. Thomas (Publisher), Springfield, Ill., pp. 401-407, "Ultrasonic effects compared with microwave biological effects"
1695. TOMBERG, V. T. (1960) In: *Institute of Radio Engineers Internat. Convention Record, Part 9: Instrumentation, Medical Electronics and Nuclear Science Session, "Varied Views of Medical Electronics"*, pp. 94-97, "Biological microwave hazards"
1696. TOMBERG, V. T. (1960) *Proc. 4th Tri-service Conf. on the Biological Effects of Microwave Radiation*, Vol. 1, (Feynman, R. P., ed.) pp. 221-228, "Specific thermal effects of high frequency fields"
1697. TOMBERG, V. T. (1961) *Digest of Internat. Conf. on Medical Electronics, Biological Effects of Microwaves, 1 (Athermal Aspects)* (Frommer, P. L., ed.) Plenum Press, New York, p. 231-, "Specific electrical effects of radiowaves and their biomedical importance"
1698. TOKIKH, A. V. (1940) In: Questions on the Use of Short Waves and Ultrashort Waves in Medicine, Moscow, "The effect of HF/VHF electromagnetic fields on basal metabolism"
1699. TOKIKH, A. V. (1941) *Sborn. Physiol. Veget. Nerv. System, Leningrad*, 13, (Abstr. in: The Biological Effects of Electromagnetic Fields - Annotated Bibliography, ATD P-65-17, 1965), "Influence of UHF electromagnetic fields on basal metabolism"
1700. TOROPTSEV, I. V., & GARGANEYEV, G. P. (1962) In: *Materials of the All Union Sci. Conf., Exp. Kurortology and Physiol.* Moscow, "Some morphological changes in experimental animals subject to exposures of alternating electromagnetic fields of industrial importance"

1701. TOSHEV, G., NINOV, V., & TOMOV, V. (1964) Voprosy Kurortologii Fizioterapii i Lechebnoy Fizicheskoy Kul'tury (Problems in Health Resort Sci., Physiotherapy, & Medical Physical Culture) 29(2):154-155, (JPRS 25121, pp. 17-19 (1964); OTS-64-31500), "Experience in the treatment of puerperal mastitis with decimeter waves"
1702. TRESKUNOVA, A. S., & SLIZSKIY, G. N. (1962) In: Summaries of reports. Questions of the Biological Effect of a SHF-UHF Electromagnetic Field. Kirov Order of Lenin Military Medical Academy, Leningrad, pp. 53-54, "Data on the dispensary service offered to individuals exposed in their work to microwave fields"
1703. TRIFONOV, YU. A., & UTINA, I. A. (1966) Biofizika 11(4):646-652, (Biophysics 11:740-748 (1966), (in English)), "Investigation of the mechanism of action of current on the L type cells of the retina"
1704. TROYANSKIY, M. P., KRUGLIKOV, R. I., KORNILOV, R. M., PETROVA-GOLUVENKO, L. B., & KALASHNIKOVA, Z. S. (1967) Voenno-Meditsinskiy Zh. USSR (Military Med. Jour.), 7(7):30-35, (Abstr. in Soviet Radiobiology, 68-105-108-9, ATD Press, (June 1968), p. 87 only), "Some results of an investigation of the state of health of specialists working with SHF-UHF generators"
1705. TSOU, H., et al. (1962) National Medical Journal of China 7(12):531-533, "Observations on the clinical effectiveness of microwave therapy"
1706. TUMARKINA, L. N., & DUBROVSKIY, I. (1966) Biofizika 11(4):653-658 (Biophysics 11:750-756 (1966), (in English), "Certain aspects of the perception by man of amplitude-modulated signals"
1707. TURLYGIN, S. YA. (1937) Comptes Rendus (Doklady) de l'Acad. des Sci. de l'URSS, 17(1):19-22, (in English), (Abstr. in: ATD Rept. P-65-68, Sept. 1965, Biological Effects of Microwaves, pp. 1-2, "Effect of centimeter waves on the human central nervous system"); (Also, Abstr. in: The Biological Effects of Electromagnetic Fields - Annotated Bibliography, ATD Rept. P-65-17, 1965), "Effect of electromagnetic centimeter waves on the central nervous system"
1708. TURLYGIN, S. YA. (1942) Bulletin Eksperimental'noi Biologii i Meditsiny (Moskva) 4(4):63-, "Irradiation of the human organism with 2-cm microwaves"
1709. TURNER, J. J. (1962) Based on a translation of The Biological Action of Ultrahigh Frequencies, Letavet, A. A., & Gordon, Z. A., Moscow (1960); U. S. Army Materiel Command, ZEM's Liaison Office, Bell Telephone Labs., Whippany, N. J., 16 July, 64 pages, (AD 278172), "The effects of radar on the human body (results of Russian studies on the subject)"
1710. TURNER, J. J. (1962) Rept. No. EN-TR-1 (AD 273787), U. S. Army Ordnance Missile Command, (Bell Telephone Labs.), 21 Mar., 89 pages, "The effects of radar on the human body" (Based on a transl. of citation #879, this Bibliography)
1711. TURNILL, W. J. (1935) Arch. of Physical Therapy 16:278-281, "Short wave therapy"
1712. TUTTLE, W. W., & JANNEY, C. D. (1948) Arch. of Physical Med. 29:416-421, "The construction, calibration, and use of thermocouples for measuring body temperature"
1713. TUVI, H. A., & WHITMAN, W. G. (1930) "Unpublished super-high frequency data"
1714. TYAGIN, N. V. (1957) Trudy Voenno-Meditsinskaya Akademiya i Kirov (Leningrad) USSR, 73:9-19, (Abstr. in: The Biological Effects of Electromagnetic Fields - Annotated Bibliography, ATD Rept P-65-17, Apr. 1965), "Study of the thermal effect of SHF-UHF electromagnetic fields on various animals using the thermometric method"
1715. TYAGIN, N. V. (1957) Trudy Voenno-Meditsinskaya Akademiya i Kirov (Leningrad) USSR, 73:84-101, "Electrocardiogram changes in dogs affected by SHF-UHF electromagnetic fields"
1716. TYAGIN, N. V. (1957) Trudy Voenno-Meditsinskaya Akademiya i Kirov (Leningrad) USSR, 73:116-126, (Abstr. from Zh. Biol. No. 59923 (1959)), "Changes in the blood of animals subjected to a SHF-UHF field"
1717. TYAGIN, N. V. (1957) In: Summaries of reports. Part 2, Jubilee Scientific Session of the Institute of Labor Hygiene & Occupational Diseases Dedicated to the 40th Anniv. of the Great October Socialist Revolution, Moscow, [Title not given] 963-966 (57-),
1718. TYAGIN, N. V. (1958) Bulletin Eksperimental'noi Biologii i Meditsiny (Moskva) 46(8):/ "The thermal action of a SHF electromagnetic field"
1719. TYAGIN, N. V. (1959) In: Summaries of reports. Labor Hygiene and the Biological Effect of Radio Frequency Electromagnetic Waves, Moscow, "Some problems of occupational hazard caused by microwave electromagnetic fields"
1720. TYAGIN, N. V. (1960) Voenno Med. Zh., (USSR Military Med. J.), 9(9):14 only, [Title not given]
1721. TYAGIN, N. V. (1962) In: Summaries of reports. Questions of the Biological Effect of a SHF-UHF Electromagnetic Field. Kirov Order of Lenin Military Medical Academy, Leningrad, pp. 54-55, "The syndrome of the chronic effect of a microwave field" (A67-80162)
1722. TYAGIN, N. V., & USPLINSKAYA, N. V. (1966) Zh. Nevropatologii i Psikiatrii i Korsakova 66(8):1112-1136/ "Functional changes in the nervous system and some other systems of the organism under chronic exposure to SHF-UHF radiation"
- See also TYAGIN
1723. UIC, N., & SVACINA, J. (1966) Ceskoslovenska Neurologie 29(6):402-406, "EEG shifts in personnel working around centimeter wave sources"
1724. ULRICH, L., & FEPIN, J. (1959) Pracevni Lekarstvi, Prague, 11:500-503, (in Czech.) "The effect of working in high-power transmitting stations upon certain functions of the organism"
1725. USPLINSKAYA, N. V. (1959) In: Works of the Scientific Session Devoted to Results of Work in 1957 by the Inst. of Industrial Hygiene and Occupational Diseases, Leningrad, pp. 61-67, "Clinical aspects of the continuous action of SHF/UHF currents"
1726. USPLINSKAYA, N. V. (1959) In: Summaries of reports. Labor Hygiene and the Biological Effect of Radio Frequency Electromagnetic Waves, Moscow, p. 23 only, [Title not given]
1727. USPLINSKAYA, N. V. (1961) In: Materials of the Scientific Session Concerned with the Results of Work Conducted by the Leningrad Institute of Industrial Hygiene & Occupational Diseases for 1959-1960. Leningrad, pp. 116-117, "Results of the observation of workers exposed to electromagnetic waves in the centimeter range"