

WBF Literaturliste

Zeitraum Juli 2019–Juni 2020

Stand 14.07.2020

Name der Studie	Datum der Veröffentlichung	Autor/Herausgeber	Beteiligte wissenschaftliche Institute	Quelle
A Comparison Between Measured and Computed Assessments of the RF Exposure Compliance Boundary of an In-Situ Radio Base Station Massive MIMO Antenna	2019-11	Werner R, Knipe P, Iskra S	Singtel Optus Pty Limited, Cannon Hill, QLD, Australia; Total Radiation Solutions, Claremont, WA, Australia; Telstra Corporation Ltd., Melbourne, VIC, Australia; Swinburne University of Technology, Hawthorn, VIC, Australia; Australian Centre for Electromagnetic Bioeffects Research (ACEBR), Wollongong, Australia	IEEE Access 2019, Vol 7, Nov 2019, pp. 170682-170689
A Full-Thickness Burn in a Teenager Resulting from Prolonged Contact with a Mobile Phone Charging Cube: A Case Report	2019-11	Burstein D, O'Rourke C, Harrington DT	Research Scientist, The Injury Prevention Center at Rhode Island Hospital; Assistant Professor (Research) of Emergency Medicine, Warren Alpert Medical School of Brown University; Program Manager, Rhode Island Burn Center at Rhode Island Hospital; Professor of Surgery, Warren Alpert Medical School of Brown University; Director, Rhode Island Burn Center at Rhode Island Hospital	Rhode Island Medical Journal, Nov 2019, pp. 43-45
A meta-analysis of in vitro exposures to weak radiofrequency radiation exposure from mobile phones (1990-2015)	2020-02 published online	Halgamuge MN, Skafidas E, Davis D	Department of Electrical and Electronic Engineering, The University of Melbourne, Parkville, VIC, Australia; Environmental Health Trust, Teton Village, WY, USA	Environmental Research 2020, Vol 184, 109227, published online Feb 2020, pp. 1-44

A Near-Field Measurement and Calibration Technique: Radio-Frequency Electromagnetic Field Exposure Assessment of Millimeter-Wave 5G Devices	2020-05	Lundgren J, Helander J, Gustafsson M, Sjoberg D, Xu B, Colombi D	Electrical and Information Technology, Lund University, Lund, Sweden; Research, Ericsson AB, Stockholm, Sweden	IEEE Antennas Propagation and Magazine 2020
A Novel Dual-Band (38/60 GHz) Patch Antenna for 5G Mobile Handsets	2020-04 published online	Sharaf MH, Zaki AI, Hamad RK, Omar MMM	Electronics and Communications Department, College of Engineering and Technology, Arab Academy for Science, Technology & Maritime Transport, Alexandria, Egypt	Sensors (Basel) 2020, Vol 20 (9), published online Apr 2020, E2541, pp. 1-19
A pilot study of forearm microvascular impairment and pain while using a telephone	2019-11 published online	Hersant J, Ramondou P, Guilleron C, Picquet J, Henni S, Abraham P	Vascular Medicine, University Hospital Center, Angers, France; Sports Medicine, University Hospital Center, Angers, France; Laboratory Movement Interactions performance, Le Mans, France; Vascular and thoracic surgery, University Hospital Center, Angers, France, Mitovasc Institute, Angers, France	Microvascular Research, Vol 129, 103963, published online Nov 2019, pp. 1-6
Adverse Effect of Mobile Phone on Hearing in Healthy Individuals: A Clinical Study	2019-11	Jadia S, Qureshi S, Jain L, Shringirishi M	Department of E.N.T, Peoples Medical College and Research Center, Bhopal, India; Department of E.N.T, SMBT Institute of Medical Sciences, Nashik, India; Department of E.N.T, Chirayu Medical College, Bhopal, India	Indian Journal of Otolaryngology and Head & Neck Surgery, Vol 71 (supp 2), Nov 2019, pp. 1169-1173
Alteration of testicular regulatory and functional molecules following long-time exposure to 900 MHz RFW emitted from BTS	2019-07 published online	Azimzadeh M, Jelodar G	Department of Basic Science, School of Veterinary Medicine, Shiraz University, Shiraz, Iran	Andrologia 2019, Vol 51 (9), e13372 published online Jul 2019, pp. 1-7
An Experimental Study of Effects of Media Implication on Self-Report Symptoms Related With MP Use	2020-05 published online	Gao P, Zheng FZ, He MD, Li M, Deng P, Zhou Z, Yu ZP, Zhang L	Protection for Electromagnetic Radiation, Ministry of Education, Third Military Medical University, Chongqing, China; General Hospital of Central Theater Command, Wuhan, China; Department of Environmental Medicine, Zhejiang University School of Medicine, Hangzhou, China; Department of Emergency Medicine, First Affiliated Hospital, Zhejiang	Frontiers in Public Health, Vol 8, Article 175 published online May 2020, pp. 1-9
An experimental study on effects of radiofrequency electromagnetic fields on sleep in healthy elderly males and females: Gender matters!	2020-01 published online	Danker-Hopfe H, Dorn H, Sauter C, Schmid G, Eggert T	Charité - Universitätsmedizin Berlin, Corporate Member of the Freie Universität Berlin, Humboldt Universität zu Berlin, And Berlin Institute of Health, Competence Centre for Sleep Medicine; Seibersdorf Laboratories, Seibersdorf, Austria	Environmental Research, Vol 183, 109181, published online Jan 2020, pp. 1-10
Analysis of Electromagnetic Energy Absorption in the Human Body for Mobile Terminals	2020-03	Wang H	Department of Radio Performance Technology, Huawei Technologies (U.K.) Company Ltd., Reading RG2 6UF, U.K.	IEEE Open Journal of Antennas and Propagation, Vol 1, Mar 2020, pp. 113-117
Antibacterial Susceptibility Pattern of the Pseudomonas aeruginosa and Staphylococcus aureus After Exposure to Electromagnetic Waves Emitted From Mobile Phone Simulator	2019-12	Movahedi MM, Nouri F, Tavakoli Golpaygani A, Ataee L, Amani S, Taheri M	Department of Medical Physics and Biomedical Engineering, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Ionizing and Non-Ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Department of Pharmaceutical Biotechnology, School of Pharmacy, Hamadan University of Medical Sciences, Hamadan, Iran; Department of Biomedical Engineering, Standard Research Institute, Karaj, Iran; Shiraz University of Medical Sciences, Shiraz, Iran; PhD, Department of Medical Microbiology, Faculty of Medicine, Hamadan University of Medical Sciences, Hamadan, Iran	Journal of Biomedical & Physics Engineering, Vol 9 (6), Dec 2019, pp. 637-646
Application of time-averaged and integral-based measure for measurement results variability reduction in GSM/DCS/UMTS Systems	2019-12	Šuka D, Pejović P, Simić-Pejović M	University of East Sarajevo, Faculty of Electrical Engineering, East Sarajevo, Bosnia and Herzegovina; University of Belgrade, School of Electrical Engineering, Belgrade, Serbia	Radiation Protection Dosimetry, Vol 187 (2), Dec 2019, pp. 191-214

Associations of Cell Phone Use and Screen Viewing with Overweight in Children	2019-09	Wada K, Yamakawa M, Konishi K, Goto Y, Mizuta F, Koda S, Uji T, Tamura T, Nakamura K, Tsuji M, Nagai H, Itakura N, Karada K, Takahara O, Yamanaka H, Nagata C	Department of Epidemiology and Preventive Medicine, Graduate School of Medicine, Gifu University, Gifu, Japan; Department of Preventive Medicine, Graduate School of Medicine, Nagoya University, Nagoya, Japan; Gifu City Healthcare Center, Gifu, Japan; Department of Food Science and Nutrition, Nagoya Women's University, Nagoya, Japan; Hekinan Medical Association, Hekinan, Japan	Childhood Obesity, Vol 15 (7), Sep 2019, pp. 417-425
Bericht Mobilfunk und Strahlung	2019-11	Delb V, Dudle G, Dürrenberger G, Grasser C, Horisberger P, Künzle H, Kuster N, Netze S, Portmann M, Quinto C, Reichenbach A, Röösl M, Siegenthaler A, Steffen P, Steiner E, Stempfel E, Stijve S, Studerus J, Walker U, Weber F, Zibold R	AWEL Kanton Zürich, Eidg. Institut für Metrologie, Forschungsstiftung Strom und Mobilkommunikation FSM, Schweizerischer Verband der Telekommunikation asut, Bundesamt für Kommunikation, Stadt St. Gallen, IT'IS Foundation, Eidg. Kommunikationskommission ComCom, Konferenz der Vorsteher der Umweltschutzämter der Schweiz KVV, Verbindung der Schweizer Ärztinnen und Ärzte FMH, Bundesamt für Umwelt, Leiter Beratende Expertengruppe NIS, Ärztinnen und Ärzte für Umweltschutz, Bundesamt für Gesundheit, Bundesamt für Bevölkerungsschutz, Swisscom, Salt Mobile SA, Sunrise Communications AG	Eidgenössisches Departement für Umwelt, Verkehr, Energie und Kommunikation (UVEK), Arbeitsgruppe Mobilfunk und Strahlung, Nov 2019
Biochemical, immunohistochemical and morphometrical investigation of the effect of thymoquinone on the rat testis following exposure to a 900-MHz electromagnetic field	2019-11 published online	Yahyazadeh A, Altunkaynak BZ, Kaplan S	Department of Histology and Embryology, Faculty of Medicine, Karabuk University, Karabuk, Turkey; Department of Histology and Embryology, Faculty of Medicine, Okan University, Istanbul, Turkey; Department of Histology and Embryology, Faculty of Medicine, Ondokuz Mayıs University, Samsun, Turkey	Acta Histochemica 2020, Vol 122, 151467, published online Nov 2019, pp. 1-8
Biological effects of radiofrequency fields: Testing a paradigm shift in dosimetry	2020-03 published online	Vanderstraeten J, Verschaeve L	Environmental and Work Health Research Center, Faculty of Medicine, School of Public Health, Université Libre de Bruxelles, Belgium; Service Risk and Health Impact Assessment, Sciensano, Brussels, Belgium	Environmental Research, Vol 184, 109387, published online March 2020, pp. 1-3
Causes of cancer: Perceptions vs. the scientific evidence	2019-11 published online	Bandara P, Carpenter DO	Oceania Radiofrequency Scientific Advisory Association (ORSAA), Scarborough, QLD, Australia; Institute for Health and the Environment, A Collaborating Centre of the World Health Organization, University at Albany, 5 University Place, Rensselaer, NY, USA	European Journal of Cancer 2020, Vol 124, published online Nov 2019, pp. 214-216
Challenges and future perspectives on microwave absorption based on two-dimensional materials and structures	2020-02	Huang L, Chen C, Li Z, Zhang Y, Zhang H, Lu J, Ruan S, Zeng Y	Shenzhen Key Laboratory of Laser Engineering, College of Physics and Optoelectronic Engineering, Shenzhen University, Shenzhen, People's Republic of China	Nanotechnology, Vol 31 (16), 162001, Feb 2020
Characterisation of spatial and temporal variability of RF-EMF exposure levels in urban environments in Flanders, Belgium	2019-08	Velghe M, Joseph W, Debouvere S, Aminzadeh R, Martens L, Thielens A	Department of Information Technology, Ghent University/IMEC, Ghent, Belgium; Berkeley Wireless Research Center, Department of Electrical Engineering and Computer Sciences, University of California, Berkeley, CA, USA	Environmental Research, Vol 175, Aug 2019, pp. 351-366

Chromosome damage in human cells induced by UMTS mobile telephony radiation	2019-09	Panagopoulos DJ	Choremeion Research Laboratory, University of Athens, Athens, Greece	General Physiology and Biophysics Vol 38 (5), Sep 2019, pp. 445–454
Circumferential Partial-Thickness Burn Caused by Mobile Telephone Charger: A Case Report	2020-01	Bunke C, Hashikawa AN, Mitra A	Pediatric Emergency Medicine, University of Michigan C.S. Mott Children's Hospital, Ann Arbor, MI	Annals of Emergency Medicine, Vol 75 (1), Jan 2020, pp. 90-92
Comment on Letter: "Post-Normal Science and the Management of Uncertainty in Bioelectromagnetic Controversies" by A.W. Wood	2019-10 published online	Weller S, Leach V, May M	Oceania Radiofrequency Scientific Advisory Association, Brisbane, Queensland, Australia	Bioelectromagnetics, Vol 41 (1), published online Oct 2019, pp. 80-84
Comments on the "Evaluation of the Genotoxicity of Cell Phone Radiofrequency Radiation in Male and Female Rats and Mice Following Subchronic Exposure" by Smith-Roe et al	2020-02	Vijayalaxmi, Foster KR, Miyakoshi J, Verschaeve L	Department of Radiology, University of Texas Health Science Center, San Antonio, Texas; Department of Bioengineering, University of Pennsylvania, Philadelphia, Pennsylvania; Research Institute for Sustainable Humanosphere, Kyoto University, Kyoto, Japan; Service Risk and Health Impact Assessment, Sciensano, Brussels, Belgium	Environmental and Molecular Mutagenesis, Vol 61 (2), Feb 2020, pp. 291-293
Comparative analysis of EMF monitoring campaigns in the campus area of the University of Novi Sad	2020-02	Kljajic D, Djuric N	Faculty of Technical Sciences, University of Novi Sad, Trg D. Obradovica, Novi Sad, Serbia	Environmental Science and Pollution Research, Vol 27, Feb 2020, pp. 14735-14750
Comparing DNA damage induced by mobile telephony and other types of man-made electromagnetic fields	2019-09	Panagopoulos DJ	National Center for Scientific Research "Demokritos", Athens, Greece; Choremeion Research Laboratory, Medical School, National and Kapodistrian, University of Athens, Greece; Radiation and Environmental Biophysics Research Laboratory, Athens, Greece	Mutation Research, Vol 781, July–Sep 2019, pp. 53-62
Comparison of Intraocular Pressure Changes Due to Exposure to Mobile Phone Electromagnetics Radiations in Normal and Glaucoma Eye	2020-04	Shokoohi-Rad S, Ansari MR, Sabzi F, Saffari R, Rajaei P, Karimi F	Eye Research Center, Mashhad University of Medical Sciences, Mashhad, Iran, Department of Optometry, Mashhad University of Medical Sciences, Mashhad, Iran	Middle East African Journal of Ophthalmology 2020, Vol 27 (1), Apr 2020, pp. 10-13
Comprehensive radiofrequency electromagnetic field measurements and assessments: a city center example	2020-05 published online	Kurnaz C, Mutlu M	Department of Electrical and Electronic Engineering, Ondokuz Mayıs University, Samsun, Turkey; Vocational School of Technical Sciences, Ordu University, Ordu, Turkey	Environmental Monitoring and Assessment, Vol 192, Article 334, published online May 2020

Correction to: Electromagnetic interference in implantable cardioverter defibrillators: present but rare	2020-01 published online	von Olshausen G, Rondak IC, Lennerz C, Semmler V, Grebmer C, Reents T, Ammar-Busch S, Buiatti A, Bourier F, Deisenhofer I, Kolb C	Medizinische Klinik, Klinikum rechts der Isar, Technische Universität München, Munich, Germany; Institut für Medizinische Statistik und Epidemiologie, Technische Universität München, Munich, Germany; Klinik für Herz- und Kreislauferkrankungen, Deutsches Herzzentrum München, Technische Universität München, Munich, Germany	Clinical Research in Cardiology, Vol 109, published online Jan 2020, p. 652
Decreased Level of Plasma nesfatin-1 in Rats Exposed to Cell Phone Radiation Is Correlated With Thyroid Dysfunction, Oxidative Stress, and Apoptosis	2020-06 published online	Hussien NI, Mousa AM, Shoman AA	Department of Physiology, Faculty of Medicine, Benha University, Benha, Egypt; Department of Basic Health Sciences, Collage of Applied Medical Sciences, Qassim University, Buraydah, KSA; Department of Histology and Cell Biology, Faculty of Medicine, Benha University, Benha, Egypt	Archives of Physiology and Biochemistry, published online Jun 2020, pp. 1-7
Demographics and outcomes of meningioma patients treated at a tertiary care center in the Middle East	2020-04 published online	Assi HI, Hilal L, Abu-Gheida I, Berro J, Sukhon F, Skaf G, Geara F, Boulos F, Charafeddine M, Tabbarah A, Khoury J, Najjar M	Department of Internal Medicine, American University of Beirut Medical Center, Lebanon; Department of Radiation Oncology, American University of Beirut Medical Center, Lebanon; Department of Surgery, American University of Beirut Medical Center, Lebanon; Department of Pathology and Laboratory Medicine, American University of Beirut Medical Center, Lebanon	Clinical Neurology and Neurosurgery, Vol 195, 105846, published online Apr 2020, pp. 1-7
Design of Multi-Mode Antenna Array for Use in Next-Generation Mobile Handsets	2020-04 published online	Ojaroudi Parchin N, Jahanbakhsh Basherlou H, Abd-Alhameed RA	Faculty of Engineering and Informatics, University of Bradford, Bradford, UK; Bradford College, Bradford, UK; Department of Communication and Informatics Engineering, Basra University College of Science and Technology, Basra, Iraq	Sensors (Basel) 2020, Vol 20 (9), published online Apr 2020, E2447, pp. 1-21
Determining Electromagnetic Exposure Compliance of Multi-Antenna Devices in Linear Time	2019-12	Ebadi-Shahrivar A, Fay P, Love DJ, Hochwald BM	Department of Electrical Engineering, University of Notre Dame, Notre Dame, IN, USA; Department of Electrical Engineering, Purdue University, West Lafayette, IN, USA	IEEE Transactions on Antennas and Propagation, Vol 67 (12), Dec 2019, pp. 7585 - 7596
Dimensionless coefficients for assessing human exposure to radio-frequency electromagnetic fields indoors and outdoors in urban areas	2020-01 published online	Paniagua JM, Rufo M, Jiménez A, Antolín A	Department of Applied Physics, School of Technology, University of Extremadura, Avda. de la Universidad s/n, Caceres, Spain	Environmental Research 2020 Vol 183, 109188, published online Jan 2020, pp. 1-13
Do lifestyle practices impede male fertility?	2020-04 published online	Leisegang K, Dutta S	School of Natural Medicine, University of the Western Cape, Cape Town, South Africa; Department of Oral Biology and Biomedical Sciences, Faculty of Dentistry, MAHSA University, Selangor, Malaysia	Andrologia, e13595, published online Apr 2020, pp. 1-13
Does Exposure of Smart Phones during Pregnancy Affect the Offspring's Ovarian Reserve? A Rat Model Study	2019-12 published online	Calis P, Seymen M, Soykan Y, Delen K, Aral BS, Take Kaplanoglu G, Karcaaltincaba D	Department of Obstetrics and Gynecology, Division of Maternal Fetal Medicine, Gazi University, Ankara, Turkey; Department of Histology and Embryology, Gazi University, Ankara, Turkey; Department of Obstetrics and Gynecology, Gazi University, Ankara, Turkey; Department of Biophysics, Gazi University, Ankara, Turkey	Fetal and Pediatric Pathology, published online Dec 2019, pp. 1-11
Early-Life Exposure to Pulsed LTE Radiofrequency Fields Causes Persistent Changes in Activity and Behavior in C57BL/6 J Mice	2019-10	Broom KA, Findlay R, Addison DS, Goiceanu C, Sienkiewicz Z	Centre for Radiation, Chemical and Environmental Hazards, Public Health England, Chilton, Oxfordshire, UK; Physics Group, EMFcomp Limited, Harwell Campus, Harwell, Oxfordshire, UK; Department of Environmental Health, National Institute of Public Health, Regional Center Iasi, Iasi, Romania	Bioelectromagnetics, Vol 40 (7), Oct 2019, pp. 498–511

Ecological momentary assessment study of exposure to radiofrequency electromagnetic fields and non-specific physical symptoms with self-declared electrosensitives	2019-10	Bolte JFB, Clahsen S, Vercrujisse W, Houtveen JH, Schipper CMA, van Kamp I, Bogers R	Centre for Sustainability, Environment and Health, National Institute for Public Health and the Environment (RIVM), the Netherlands; Smart Sensor Systems Research Group, Faculty of Technology, Innovation and Society, The Hague University of Applied Sciences (THUAS), the Netherlands	Environment International, Vol 131, Oct 2019, 104948, pp. 1-10
Effect of Electromagnetic Field Exposure on Mouse Brain Morphological and Histopathological Profiling	2020-05	Zymantiene J, Juozaitiene V, Zelvyte R, Oberauskas V, Spancerniene U, Sederevicius A, Aniuliene A	Department of Anatomy and Physiology, Lithuanian University of Health Sciences, Kaunas, Lithuania; Department of Animal Breeding, Faculty of Animal Science, Lithuanian University of Health Sciences, Kaunas, Lithuania; Department of Veterinary Pathobiology, Faculty of Veterinary Medicine, Lithuanian University of Health Sciences, Kaunas, Lithuania	Journal of Veterinary Research, Vol 64, May 2020, pp. 319-324
Effect of electromagnetic field exposure on the transcription of repetitive DNA elements in human cells	2019-09 published online	Del Re B, Bersani F, Giorgi G	Department of Pharmacy and Biotechnology, Alma Mater Studiorum University of Bologna, Bologna, Italy; Department of Physics and Astronomy, Alma Mater Studiorum University of Bologna, Bologna, Italy; Department of Biological, Geological and Environmental Sciences, Alma Mater Studiorum University of Bologna, Bologna, Italy	Electromagnetic Biology and Medicine 2019, Vol 38 (4), published online Sep 2019, pp. 262-270
Effect of mobile phone radiation on oxidative stress, inflammatory response, and contextual fear memory in Wistar rat	2020-03 published online	Singh KV, Gautam R, Meena R, Nirala JP, Jha SK, Rajamani P	School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, India; School of Life Sciences, Jawaharlal Nehru University, New Delhi, India; School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, India	Environmental Science and Pollution Research, Vol 27, published online March 2020, pp. 19340–19351
Effect of non-thermal radiofrequency on body temperature in mice	2020-03 published online	Mai TC, Delanaud S, Bach V, Braun A, Pelletier A, de Seze R	INERIS, Experimental Toxicology Unit, National Institute of Industrial Environment and Risks, Parc technologique Alata, Verneuil-en-Halatte, France; PériTox Laboratory, Périnatalité & Risques Toxiques, UMR-I 01 INERIS, Picardie Jules Verne University, Amiens, France; PériTox Laboratory, Périnatalité & Risques Toxiques, UMR-I 01 INERIS, Picardie Jules Verne University, Amiens, France; INERIS, Experimental Toxicology Unit, National Institute of Industrial Environment and Risks, Parc technologique Alata, Verneuil-en-Halatte, France	Scientific Reports 2020; 10 (1), published online Mar 2020, Article 5724, pp. 1-9
Effects of 5G wireless communication on human health.	2020-03	Karaboytcheva MK	European Parliamentary Research Service	Der Wissenschaftliche Dienst des Europäischen Parlaments (EPRS), PE 646.172, March 2020
Effects of a Single Head Exposure to GSM-1800 MHz Signals on the Transcriptome Profile in the Rat Cerebral Cortex: Enhanced Gene Responses Under Proinflammatory Conditions	2020-03	Lameth J, Arnaud-Cormos D, Lévêque P, Boillée S, Edeline JM, Mallat M	Institut du Cerveau, ICM, Sorbonne Université, Paris, France; Univ. Limoges, CNRS, Limoges, France; Institut Universitaire de France (IUF), Paris, France; Paris Saclay Institute of Neuroscience, Neuro-PSI, Université Paris-Sud, Orsay Cedex, France	Neurotox Res 2020, Vol 38 (1), Mar 2020, pp. 105-123
Effects of electromagnetic fields from long-term evolution on awake electroencephalogram in healthy humans	2020-01 published online	Nakatani-Enomoto S, Yamazaki M, Nishiura K, Enomoto H, Ugawa Y	Department of Neurology, School of Medicine, Fukushima Medical University, Fukushima, Japan; Department of Health Science, Daito Bunka University, Saitama, Japan	Neuroscience Research, published online Jan 2020, pp. 1-6

Einfluss hochfrequenter elektromagnetischer Felder auf die Gehirnaktivität, Schlaf und kognitive Leistungsfähigkeit älterer Frauen - Vorhaben 3614S30012	2019	Danker-Hopfe H, Dorn H, Eggert T, Sauter C	Charité - Universitätsmedizin Berlin	Bundesamt für Strahlenschutz (BfS) 2019, Ressortforschungsberichte zur kerntechnischen Sicherheit und zum Strahlenschutz (BfS-RESFOR)
Electrohypersensitivity as a Newly Identified and Characterized Neurologic Pathological Disorder: How to Diagnose, Treat, and Prevent It	2020-03 published online	Belpomme D, Irigaray P	Association for Research Against Cancer (ARTAC), Paris, France; European Cancer and Environment Research Institute (ECERI), Brussels, Belgium; Department of Cancer Clinical Research, Paris V University Hospital, Paris, France	International Journal of Molecular Sciences 2020, Vol 21 (6), E1915 published online Mar 2020, pp. 1-20
Electromagnetic field in the environment - estimation methods and monitoring	2019-09	Bieńkowski P, Podlaska J, Zubrzak B	Politechnika Wroclawska / Wroclaw University of Science and Technology, Wrocław, Poland (Wydział Elektroniki / Faculty of Electronics); Wojewódzki Inspektorat Ochrony Środowiska w Łodzi / Voivodeship Inspectorate for Environmental Protection in Łódź, Łódź, Poland	Medycyna Pracy 2019, Vol 70 (5), Sep 2019, pp. 567–58
Electromagnetic hypersensitivity (EHS, microwave syndrome) - Review of mechanisms	2020-03 published online	Stein Y, Udasin IG	Pain Clinic, Department of Anesthesiology and Critical Care Medicine, Hebrew University-Hadassah Medical Center, Jerusalem, Israel; Electromagnetic Radiation Clinic, Hebrew University-Hadassah Medical Center, Jerusalem, Israel; EOHSI Clinical Center, Rutgers University- School of Public Health, NJ, USA	Environmental Research, Vol 186, published online Mar 2020, pp. 1-4
Elektromagnetische Felder im Alltag. Aktuelle Informationen über Quellen, Einsatz und Wirkungen	2020	Hoffmann M, Mehnert C, Kurz T, de Ridder M, Gerke M, Vogel E	Landesanstalt für Umwelt Baden-Württemberg (LUBW)	Landesanstalt für Umwelt Baden-Württemberg (LUBW) 2020, Broschüre 4. aktualisierte Auflage
Elektromagnetische Felder in Automobilen durch Funkanwendungen, induktives Laden und elektrisches Fahren	2019	Bornkessel C, Enders A, Breckow J	Technische Universität Ilmenau; Technische Universität Braunschweig; Bundesamt für Strahlenschutz; Neuherberg (i. R.); Technische Hochschule Deggendorf	Strahlenschutzkommission, 2019
Elektromagnetische Interferenz von aktiven Herzrhythmusimplantaten im Alltag und im beruflichen Umfeld. Stellungnahme der Deutschen Gesellschaft für Kardiologie (DGK) und der Deutschen Gesellschaft für Arbeitsmedizin und Umweltmedizin (DGAUM)	2019-07	Napp A, Kolb C, Lennerz C, Bauer W, Schulz-Menger J, Kraus T, Marx N, Stunder D	Medizinische Klinik I – Kardiologie, Angiologie und Internistische Intensivmedizin, Uniklinik RWTH Aachen, Deutschland; Klinik für Herz- und Kreislauferkrankungen, Abteilung für Elektrophysiologie, Deutsches Herzzentrum München, Fakultät für Medizin, Technische Universität München, München, Deutschland; Med. Klinik und Poliklinik I, Univ. Klinikum Würzburg, Würzburg, Deutschland	Der Kardiologe, Vol 13, Jul 2019, pp. 216–235
Embedded 3D multi-band antenna with ETS process technology covering LTE/WCDMA/ISM band operations in a smart wrist wearable wireless mobile communication device design	2020-01	Chung MA	Quanta Computer Inc., Taoyuan, Taiwan	IET Microwaves, Antennas & Propagation, Vol 14 (1), Jan 2020, pp. 93-100
Enriched Environment Decreases Cognitive Impairment in Elderly Rats With Prenatal Mobile Phone Exposure	2020-06	Hong S, Huang H, Yang M, Wu H, Wang L	Department of Neurology, The Second Affiliated Hospital of Fujian Medical University, Quanzhou, China	Frontiers in Aging Neuroscience, Vol 12 (162), June 2020, pp. 1-9

Environmental risk factors of primary brain tumors: A review	2019-12	Vienne-Jumeau A, Tafani C, Ricard D	Service de Santé des Armées, Cognition and Action Group, Cognac-G, université Paris Descartes, université de Paris, Paris, France; Service de neurologie de l'Hôpital d'Instruction des Armées de Percy, avenue Henri-Barbusse, Clamart, France	Revue Neurologique, Vol 175 (10), Dec 2019, pp. 664-678
Estimated whole-brain and lobe-specific radiofrequency electromagnetic fields doses and brain volumes in preadolescents	2020-06 published online	Cabré-Riera A, Marroun HE, Muetzel R, van Wel L, Liorni I, Thielens A, Birks LE, Pierotti L, Huss A, Joseph W, Wiart J, Capstick M, Hillegers M, Vermeulen R, Cardis E, Vrijheid M, White T, Rössli M, Tiemeier H, Guxens M	ISGlobal, Barcelona, Spain; Pompeu Fabra University, Barcelona, Catalonia, Spain; Spanish Consortium for Research and Public Health (CIBERESP), Instituto de Salud Carlos III, Madrid, Spain; Department of Psychology, Education and Child Studies, Erasmus School of Social and Behavioral Sciences – Erasmus University Rotterdam, the Netherlands; Department of Pediatrics, Erasmus University Medical Centre–Sophia Children's Hospital, Rotterdam, the Netherlands; Department of Child and Adolescent Psychiatry/Psychology, University Medical Centre Rotterdam, Erasmus MC, the Netherlands; Department of Radiology and Nuclear Medicine, Erasmus University Medical Centre, Rotterdam, the Netherlands; Kinder Neuroimaging Centrum Rotterdam (KNICR), Rotterdam, the Netherlands; Institute for Risk Assessment Sciences (IRAS), Utrecht University, Utrecht, the Netherlands	Environment International, Vol 142, 105808, published online Jun 2020, pp. 1-8
Evaluation of the genotoxicity of cell phone radiofrequency radiation in male and female rats and mice following subchronic exposure	2019-11 published online	Smith-Roe SL, Wyde ME, Stout MD, Winters JW, Hobbs CA, Shepard KG, Green AS, Kissling GE, Shockley KR, Tice RR, Bucher JR, Witt KL	Division of the National Toxicology Program, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina; Integrated Laboratory Systems, Inc., Research Triangle Park, North Carolina; Biostatistics and Computational Biology Branch, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina	Environmental and Molecular Mutagenesis, Vol 61, published online Nov 2019, pp. 276-290
Evaluation of the Validity of a Nonlinear J-Shaped Dose-Response Relationship in Cancers Induced by Exposure to Radiofrequency Electromagnetic Fields	2019-08	Mortazavi SMJ, Mortazavi SAR, Haghani M	Department of Diagnostic Imaging, Fox Chase Cancer Center, Philadelphia, USA.; Department of Radiology, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Student research Committee, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Biomedical Physics and Engineering 2019, Vol 9 (4), Aug 2019, pp. 487-494
Evidences of the (400 MHz - 3 GHz) radiofrequency electromagnetic field influence on brain tumor induction	2020-03 published online	Pareja-Peña F, Burgos-Molina AM, Sendra-Portero F, Ruiz-Gómez MJ	Departamento de Radiología y Medicina Física, Facultad de Medicina, Universidad de Málaga, Málaga, España	International Journal of Environmental Health Research, published online Mar 2020, pp. 1-10
Exposure assessment of radio frequency electromagnetic field levels in hospitals of Samsun Province, Turkey	2020-06 published online	Kurnaz C, Aygun T	Department of Electrical and Electronics Engineering, Ondokuz Mayıs University, Samsun, Turkey	Environmental Science and Pollution Research, published online June 2020
Exposure to cell phones reduces heart rate variability in both normal-weight and obese normotensive medical students	2020-03 published online	Alassiri M, Alanazi A, Aldera H, Alqahtani SA, Alraddadi AS, Alberreet MS, Alhussaini AI, Alotaibi Y, Alkhateeb MA, Shatoor AS	Department of Basic Sciences, College of Science and Health Professions, King Saud bin Abdulaziz University for Health Sciences (KSAU-HS), Riyadh, Saudi Arabia; Department of Basic Medical Sciences, College of Medicine, King Saud bin Abdulaziz University for Health Sciences (KSAU-HS), Riyadh, Saudi Arabia; King Abdullah International Medical Research Center (KAIMRC), Riyadh, Saudi Arabia; College Medicine, Department of Internal Medicine, Cardiology Section, King Khalid University, Abha, Saudi Arabia	Explore 00 2020, published online Mar 2020, pp. 1-7

<p>Exposure to Electromagnetic Fields From Smart Utility Meters in GB; Part III) On-Site Measurements in Homes</p>	<p>2019-09</p>	<p>Calderon C, Addison D, Chopra N, Mann S, Maslanyj M, Peyman A</p>	<p>Radiation Dosimetry Department, Centre for Radiation, Chemical and Environmental Hazards, Public Health England, Didcot, UK</p>	<p>Bioelectromagnetics 2019, Vol 40 (6), Sep 2019, pp. 434-440</p>
<p>From 2G to 5G Spatial Modeling of Personal RFEMF Exposure within Urban Public Trams</p>	<p>2020-05</p>	<p>Celaya-Echarri M, Azpilicueta L, Karpowicz J, Ramos V, Lopez-Iturri P, Falcone F</p>	<p>School of Engineering and Sciences, Tecnologico de Monterrey, Monterrey, Mexico; Laboratory of Electromagnetic Hazards, Central Institute for Labour Protection—National Research Institute (CIOP-PIB), Warszawa, Poland; Telemedicine and e-Health Research Unit, Health Institute Carlos III, Madrid, Spain; Department of Electric, Electronic, and Communication Engineering, Public University of Navarre, Pamplona, Spain; Institute of Smart Cities, Public University of Navarre, Pamplona, Spain</p>	<p>IEEE Access 2020, Vol 8, May 2020, pp. 100930-100947</p>
<p>From sweeteners to cell phones-Cancer myths and beliefs among journalism undergraduates</p>	<p>2019-10 published online</p>	<p>Domínguez M, Sapiña L</p>	<p>Department of the Theory of Language and Communication Sciences, Faculty of Philology, Translation and Communication, University of Valencia, Valencia, Spain; The Two Cultures Observatory, University of Valencia, Valencia, Spain</p>	<p>European Journal of Cancer Care (Engl) 2020, Vol 29 (1), e13180, published online Oct 2019, pp. 1-9</p>
<p>Genetic susceptibility may modify the association between cell phone use and thyroid cancer: A population-based case-control study in Connecticut</p>	<p>2019-12 published online</p>	<p>Luo J, Li H, Deziel NC, Huang H, Zhao N, Ma S, Ni X, Udelsman R, Zhang Y</p>	<p>Department of Environmental Health Sciences, Yale School of Public Health, New Haven, CT, USA; Department of Chronic Disease Epidemiology, Yale School of Public Health, New Haven, CT, USA; Peking Union Medical College Hospital, Beijing, China; Department of Biostatistics, Yale School of Public Health, New Haven, CT, USA; Beijing Advanced Innovation Center for Big Data-Based Precision Medicine, Beihang University & Capital Medical University, Beijing, China; Big Data and Engineering Research Center, Beijing Children's Hospital, Capital Medical University, Beijing, China; Endocrine Neoplasm Institute, Miami Cancer Institute, Miami, FL, USA; Department of Environmental Health Sciences, Yale School of Public Health, New Haven, CT, USA; Section of Surgical Outcomes and Epidemiology, Department of Surgery, Yale School of Medicine, New Haven, CT, USA</p>	<p>Environmental Research, Vol 182, 109013, published online Dec 2019, pp. 1-8</p>
<p>Georeferencing of Personal Exposure to Radiofrequency Electromagnetic Fields from Wi-Fi in a University Area</p>	<p>2020-03 published online</p>	<p>Ramirez-Vazquez R, Arabasi S, Al-Taani H, Sbeih S, Gonzalez-Rubio J, Escobar I, Arribas E</p>	<p>Applied Physics Department, Faculty of Computer Science, Engineering, University of Castilla-La Mancha, Avda. de España s/n, Campus Universitario, Spain; School of Basic Sciences and Humanities, German Jordanian University, Amman Madaba Street, Jordan; Medical Science Department, School of Medicine, University of Castilla-La Mancha, Albacete, Spain</p>	<p>International Journal of Environmental Research and Public Health 2020, Vol 17 (6), E1898, published online Mar 2020, pp. 1-19</p>
<p>Guidelines for Limiting Exposure to Electromagnetic Fields (100 kHz to 300 GHz)</p>	<p>2020-05</p>	<p>Croft R, Feychting M, Green AC, Hirata A, D'Inzeo G, Jokela K, Loughran S, Marino C, Miller S, Oftedal G, van Rongen E, Rösli M, Sienkiewicz Z, Tattersall J, Watanabe S</p>	<p>International Commission on Non-Ionizing Radiation Protection (ICNIRP)</p>	<p>Health Physics, Vol 118 (5), May 2020, pp. 483-524</p>

Half Duplex Radio: Towards Green 5G NR	2020-05	Kour H, Jha RK	SMVD University	IEEE Consumer Electronics Magazine 2020
Headache, tinnitus and hearing loss in the international Cohort Study of Mobile Phone Use and Health (COSMOS) in Sweden and Finland	2019-07	Auvinen A, Feychting M, Ahlbom A, Hillert L, Elliott P, Schüz J, Kromhout H, Toledano MB, Johansen C, Poulsen AH, Vermeulen R, Heinävaara S, Kojo K, Tettamanti G, COSMOS Study Group	Environmental Surveillance and Emergency Preparedness, STUK - Radiation and Nuclear Safety Authority, Helsinki, Finland; Faculty of Social Science/Health Sciences, Tampere University, Tampere, Finland; Institute of Environmental Medicine, Karolinska Institute, Stockholm, Sweden; Centre for Occupational and Environmental Medicine, Region Stockholm, Stockholm, Sweden; MRC-PHE Centre for Environment and Health, Department of Epidemiology and Biostatistics, School of Public Health, London, UK; National Institute for Health Research, Imperial College Biomedical Research Centre, London, UK; UKDRI Dementia Research Institute at Imperial College London, London, UK; National Institute for Health Research Health Protection Research Unit in Health Impact of Environmental Hazards at King's College London and Imperial College London in partnership with Public Health England, Imperial College London, London, UK; Section of Environment and Radiation, International Agency for Research on Cancer (IARC), Lyon, France; Institute for Risk Assessment Sciences, Utrecht University, Utrecht, the Netherlands; Danish Cancer Society Research Center, Copenhagen, Denmark; Center for Surgery and Cancer, Rigshospitalet, Copenhagen, Denmark	International Journal of Epidemiology, Vol 48 (5), Jul 2019, pp. 1567–1579
ICNIRP Note: Critical Evaluation of Two Radiofrequency Electromagnetic Field Animal Carcinogenicity Studies Published in 2018 (comment)	2020-05	International Commission on Non-Ionizing Radiation Protection (ICNIRP)	International Commission on Non-Ionizing Radiation Protection (ICNIRP)	Health Physics, Vol 118 (5), May 2020, pp. 525-532
Impact of Cerebral Radiofrequency Exposures on Oxidative Stress and Corticosterone in a Rat Model of Alzheimer's Disease	2020-01	Bouji M, Lecomte A, Gamez C, Blazy K, Villégier AS	Unité de Toxicologie Expérimentale, Institut National de l'Environnement Industriel et des Risques (INERIS), Parc Technologique ALATA, Verneuil-en-Halatte, France; UFR de médecine, Amiens, France	Journal of Alzheimer's Disease, Vol 73 (2), Jan 2020, pp. 467-476
In-situ Measurement Methodology for the Assessment of 5G NR Massive MIMO Base Station Exposure at Sub-6 GHz Frequencies	2019-12	Aerts S, Verloock L, Van Den Bossche M, Colombi D, Martens L, Törnevik C, Joseph W	Department of Information Technology, Ghent University/imec, Ghent, Belgium; Ericsson Research, Ericsson AB, Stockholm, Sweden	IEEE Access 2019, Vol 7, Dec 2019 pp. 184658-184667
Investigating the impact of mobile range electromagnetic radiation on the medial prefrontal cortex of the rat during working memory	2020-05 published online	Tafakori S, Farrokhi A, Shalchyan V, Daliri MR	Neuroscience and Neuroengineering Research Lab., Biomedical Engineering Department, School of Electrical Engineering, Iran; University of Science and Technology (IUST), Tehran, Iran	Behavioral Brain Research, Vol 391, 112703, published online May 2020, pp. 1-10
Limiting liability with positioning to minimize negative health effects of cellular phone towers	2019-11 published online	Pearce JM	Department of Electronics and Nanoengineering, School of Electrical Engineering, Aalto University, Espoo, Finland; Department of Electrical & Computer Engineering, Michigan Technological University, USA; Department of Materials Science & Engineering, Michigan Technological University, USA	Environmental Research 2020, Vol 181, 108845, published online Nov 2019, pp. 1-3

<p>Long-term effect of mobile phone use on sleep quality: Results from the cohort study of mobile phone use and health (COSMOS)</p>	<p>2020-04 published online</p>	<p>Tettamanti G, Auvinen A, Åkerstedt T, Kojo K, Ahlbom A, Heinävaara S, Elliott P, Schüz J, Deltour I, Kromhout H, Toledano MB, Poulsen AH, Johansen C, Vermeulen R, Feychting M, Hillert L, COSMOS Study Group</p>	<p>Unit of Epidemiology, Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden; STUK – Radiation and Nuclear Safety Authority, Environmental Radiation Surveillance and Emergency Preparedness, Helsinki, Finland; Tampere University, Faculty of Social Sciences/Health Sciences, Tampere, Finland; Department of Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden; Department of Stress Research, Stockholm University, Stockholm, Sweden; Finnish Cancer Registry, Helsinki, Finland; Department of Epidemiology and Biostatistics, School of Public Health, Imperial College London, London, UK; Medical Research Council (MRC) Centre for Environment and Health, School of Public Health, Imperial College London, London, UK; National Institute for Health Research (NIHR) Health Protection Research Unit on Health Impact of Environmental Hazards, Imperial College London, London, UK; NIHR Imperial Biomedical Research Centre, Imperial College London, London, UK; International Agency for Research on Cancer, Environment and Radiation Section, Lyon, France; University of Utrecht, Institute for Risk Assessment Sciences, Utrecht, the Netherlands; Danish Cancer Society Research Center, Copenhagen, Denmark</p>	<p>Environment International, Vol 140, 105687, published online Apr 2020, pp. 1-9</p>
<p>Long-term exposure to 4G smartphone radiofrequency electromagnetic radiation diminished male reproductive potential by directly disrupting Spock3-MMP2-BTB axis in the testes of adult rats</p>	<p>2019-08 published online</p>	<p>Yu G, Tang Z, Chen H, Chen Z, Wang L, Cao H, Wang G, Xing J, Shen H, Cheng Q, Li D, Wang G, Xiang Y, Guan Y, Zhu Y, Liu Z, Bai Z</p>	<p>Department of Urology, Affiliated Haikou Hospital of Xiangya School of Medicine, Central South University, Haikou, Hainan Province, China; Haikou Center for Medical Synchrotron Radiation Research, Haikou People's Hospital, Haikou, Hainan Province, China; Guangdong Environmental Radiation Monitoring Center, Guangzhou, Guangdong Province, China; Hubei Key Laboratory of Urology, Renmin Hospital of Wuhan University, Wuhan, Hubei Province, China; Central Laboratory of Affiliated Haikou Hospital of Xiangya School of Medicine, Central South University, Haikou, Hainan Province, China; Shenzhen Academy of Information and Communications Technology, Shenzhen, Guangdong Province, China; Department of Critical Care Medicine, Renmin Hospital of Wuhan University, Wuhan, Hubei Province, China</p>	<p>Science of the Total Environment 2020, Vol 698, 133860, published online Aug 2019, pp. 1-15</p>
<p>Machine learning-based identification of radiofrequency electromagnetic radiation (RF-EMR) effect on brain morphology: a preliminary study</p>	<p>2020-06</p>	<p>Maurya R, Singh N, Jindal T, Pathak VK, Dutta MK M</p>	<p>Centre for Advanced Studies, Dr. A.P.J. Abdul Kalam Technical University, Lucknow, India; Amity Institute for Environmental Toxicology, Safety and Management, Amity University, Noida, India</p>	<p>Medical & Biological Engineering & Computing, 2020</p>
<p>Measurement of radio frequency electromagnetic fields to determine compliance with human exposure limits when a base station is put into service</p>	<p>2019-07</p>	<p>No authors listed</p>	<p>International Telecommunication Union (ITU)</p>	<p>International Telecommunication Union (ITU), Jul 2019</p>
<p>Melatonin Modulates NMDA-Receptor 2B/Calpain-1/ Caspase-12 Pathways in Rat Brain After Long Time Exposure to GSM Radiation</p>	<p>2019-10 published online</p>	<p>Seymen CM, Ilgaz C, Erdogan D, Elmas C, Saglam A, Elmazoglu Z, Aral BS, Kaplanoglu GT</p>	<p>Gazi University, Faculty of Medicine, Department of Histology and Embryology, Ankara, Turkey; Gazi University, Faculty of Medicine, Department of Medical Biology and Genetics, Ankara, Turkey; Gazi University, Faculty of Medicine, Department of Medical Pharmacology, Ankara, Turkey; Gazi University, Faculty of Medicine, Department of Biophysics, Ankara, Turkey</p>	<p>Turkish Neurosurgery, Vol 29 (6), published online Oct 2019, pp. 887-900</p>

Methodological limitations in experimental studies on symptom development in individuals with idiopathic environmental intolerance attributed to electromagnetic fields (IEI-EMF) - a systematic review	2019-10	Schmiedchen K, Driessen S, Oftedal G	Research Center for Bioelectromagnetic Interaction, Institute for Occupational, Social and Environmental Medicine, RWTH Aachen University, Aachen, Germany; Department of Electronic Systems, Faculty of Information Technology and Electrical Engineering, Norwegian University of Science and Technology - NTNU, Trondheim, Norway	Environmental Health, Vol 18, Article number: 88, Oct 2019, pp. 1-24
Mobile phone antenna-matching study with different finger positions on an inhomogeneous human model	2019-07	Jeladze V, Nozadze T, Petoev-Darsavelidze I, Partsvania B	Department of physics, Laboratory of Applied Electrodynamics and Radio Engineering, Iv. Javakhishvili Tbilisi State University, Tbilisi, Georgia; Department of Biocybernetics, Vladimir Chavchanidze Institute of Cybernetics of the Georgian Technical University, Tbilisi, Georgia	Electromagnetic Biology and Medicine, Vol 38 (4), Jul 2019, pp. 297-306
Mobile phone induced cognitive and neurochemical consequences	2019-09 published online	Sharma A, Sharma S, Shrivastava S, Singhal PK, Shukla S	UNESCO-Trace Element Satellite Centre, School of Studies in Zoology, Jiwaji University, Gwalior, M.P., India; Madhav Institute of Technology and Science, Gwalior, M.P., India	Journal of Chemical Neuroanatomy, Vol 102, 101684, published online Sep 2019, pp. 1-10
Mobile telephony and its effects on human health	2019	Magiera A, Solecka J	National Institute of Public Health – National Institute of Hygiene, Department of Environmental Health and Safety, Warsaw, Poland	Roczniki Państwowego Zakładu Higieny 2019, Vol 70 (3), pp. 225-234
Monitoring the Risk of the Electric Component Imposed on a Pilot During Light Aircraft Operations in a High-Frequency Electromagnetic Field	2019-12	Michałowska J, Tofil A, Józwik J, Pytka J, Legutko S, Siemiątkowski Z, Łukaszewicz A	The Institute of Technical Sciences and Aviation, The State School of Higher Education in Chelm, Poland; Faculty of Mechanical Engineering, Lublin University of Technology, Lublin, Poland; Institute of Mechanical Technology, Poznan University of Technology, Poznań, Poland; Faculty of Mechanical Engineering, Kazimierz Pulaski University of Technology and Humanities, Radom, Poland; Faculty of Mechanical Engineering, Białystok University of Technology, Białystok, Poland	Sensors 2019, Vol 19 (24), 5537, Dec 2019, pp. 1-19
National observatory of electromagnetic fields: national telemetric network for the measurement of high-frequency electromagnetic fields in Greece	2020-02	Karastergios I, Gialofas A, Karabetsos E	Non Ionizing Radiation Office, Greek Atomic Energy Commission (EEAE), Patriarchou Grigoriou & Neapoleos, Agia Paraskevi, Athens, Greece	Radiation Protection Dosimetry, Vol 188 (4), pp. 413-423
Neuroprotective efficacy of luteolin on a 900-MHz electromagnetic field-induced cerebellar alteration in adult male rat	2020-05 published online	Yahyazadeh A, Altunkaynak BZ	Department of Histology and Embryology, Faculty of Medicine, Karabuk University, Karabuk, Turkey; Department of Histology and Embryology, Faculty of Medicine, Okan University, Istanbul, Turkey	Brain Research, Vol 1744, 146919, published online May 2020, pp. 1-8
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Personal Exposure to Radiofrequency Electromagnetic Fields Among Palestinian Adults	2019-10	Lahham A, Ayyad H	Center for Radiation Science and Technology, Al-Quds University	Health Physics 2019, Vol 117 (4), Oct 2019, pp. 396-402
Prenatal Effects of a 1,800-MHz Electromagnetic Field on Rat Livers	2020-01	Tumkaya L, Yilmaz A, Akyildiz K, Mercantepe T, Yazici ZA, Yilmaz H	Department of Histology and Embryology, Faculty of Medicine, Recep Tayyip Erdogan University, Rize, Turkey; Department of Biochemistry, Faculty of Medicine, Recep Tayyip Erdogan University, Rize, Turkey; Department of Medical Services and Techniques, Health Care Services Vocational School, Recep Tayyip Erdogan University, Rize, Turkey; Department of Microbiology, Faculty of Medicine, Recep Tayyip Erdogan University, Rize, Turkey	Cells Tissues Organs, Vol 207 (3-4), Jan 2020, pp. 187-195

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Prolonged Mobile Phone Use Is Associated with Poor Academic Performance in Adolescents	2020-05	Liu X, Luo Y, Liu ZZ, Yang Y, Liu J, Jia CX	Center for Public Health Initiatives, University of Pennsylvania, Philadelphia, Pennsylvania, USA; Department of Educational Psychology and Learning Systems, Florida State University, Tallahassee, Florida, USA; Shandong University School of Public Health, Jinan, China; School of Nursing, University of Pennsylvania, Philadelphia, Pennsylvania, USA	Cyberpsychology, Behavior, and Social Networking, Vol 23 (5), May 2020, pp. 303-311
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Protective effect of crocin on electromagnetic field-induced testicular damage and heat shock protein A2 expression in male BALB/c mice	2020 published online	Vafaei S, Motejaded F, Ebrahimzadeh-Bideskan A	Department of Anatomy and Cell Biology, School of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran; Microanatomy Research Center, Mashhad University of Medical Sciences, Mashhad, Iran	Iran Journal of Basic Medical Sciences 2020, Vol 23 (1), published online 2020, pp. 102-110
Radiofrequency electromagnetic field exposure assessment: a pilot study on mobile phone signal strength and transmitted power levels	2019-10 published online	Brzozek C, Zeleke BM, Abramson MJ, Benke KK, Benke G	Centre for Population Health Research on Electromagnetic Energy (PRESEE), School of Public Health and Preventive Medicine, Monash University, Melbourne, VIC, Australia; Department of Epidemiology and Preventive Medicine, School of Public Health and Preventive Medicine, Monash University, Melbourne, VIC, Australia	Journal of Exposure Science & Environmental Epidemiology, published online Oct 2019
Radiofrequency radiation from nearby mobile phone base stations - a case comparison of one low and one high exposure apartment	2019-09 published online	Koppel T, Ahonen M, Carlberg M, Hedendahl LK, Hardell L	Department of Labour Environment and Safety, Tallinn University of Technology, Tallinn, Estonia; Institute of Environmental Health and Safety, Tallinn, Estonia; The Environment and Cancer Research Foundation, Örebro, Sweden	Oncology Letters 2019, Vol 18 (5), published online Sep 2019, pp. 5383-5391
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Repeated exposure to nanosecond high power pulsed microwaves increases cancer incidence in rat	2020-04 published online	de Seze R, Poutriquet C, Gamez C, Maillot-Maréchal E, Robidel F, Lecomte A, Fonta C	Chronic Risks Division, PeriTox/Experimental Toxicology Unit UMR-I 01, Institut National de l'Environnement Industriel et des Risques, Verneuil en Halatte, France; Brain and Cognition Research Center CerCo, Centre National de la Recherche Scientifique UMR5549, Université de Toulouse, Toulouse, France	PLoS One 2020, Vol 15 (4), e0226858, published online Apr 2020, pp. 1-14
Residential proximity to power lines and risk of brain tumor in the general population	2020-04 published online	Carles C, Esquirol Y, Turuban M, Piel C, Migault L, Pouchieu C, Bouvier G, Fabbro-Peray P, Lebaillly P, Baldi I	Univ. Bordeaux, INSERM UMR, Equipe EPICENE, Bordeaux, France; CHU de Bordeaux, Service de Médecine du Travail et pathologie professionnelle, Bordeaux, France; Université Paul Sabatier III, Inserm, Toulouse, France; Nîmes University Hospital, BESPIM, Nîmes, France; Centre François Baclesse, Caen, France; en Normandie University, Caen, France; INSERM, Axe Cancers et Préventions, Caen, France	Environmental Research, Vol 185, 109473, published online Apr 2020, pp. 1-11
Response to Letter to the Editor: (Vijayalaxmi et al. (2020): Comments on the "Evaluation of the Genotoxicity of Cell Phone Radiofrequency Radiation in Male and Female Rats and Mice Following Subchronic Exposure" by Smith-Roe et al. Smith-Roe SL et al. (2020): Evaluation of the genotoxicity of cell phone radiofrequency radiation in male and female rats and mice following subchronic exposure.)	2019-12 published online	Smith-Roe SL, Shockley KR, Bucher JR, Witt KL	Biomolecular Screening Branch, Division of the National Toxicology Program, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina; Biostatistics and Computational Biology Branch, Division of Intramural Research, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina; Associate Director's Office, Division of the National Toxicology Program, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina	Environmental and Molecular Mutagenesis, Vol 61 (2), published online Dec 2019, pp. 294-295
Review of Audiovestibular Symptoms Following Exposure to Acoustic and Electromagnetic Energy Outside Conventional Human Hearing	2020-04	Lubner RJ, Kondamuri NS, Knoll RM, Ward BK, Littlefield PD, Rodgers D, Abdullah KG, Remenschneider AK, Kozin ED	Warren Alpert Medical School of Brown University, Providence, RI, United States; Department of Otolaryngology, Harvard Medical School, Boston, MA, United States; Department of Otolaryngology, Massachusetts Eye and Ear Infirmary, Boston, MA, United States; Department of Otolaryngology, Johns Hopkins University School of Medicine, Baltimore, MD, United States; Walter Reed National Military Medical Center, Bethesda, MD, United States; Madigan Army Medical Center, Tacoma, WA, United States; Department of Neurosurgery, UT Southwestern Medical Center, Dallas, TX, United States; Department of Otolaryngology, University of Massachusetts Medical Center, Worcester, MA, United States	Frontiers in Neurology, Vol 11, Article 234, Apr 2020, pp. 1-12
Review of Published Literature between 2008 and 2018 of Relevance to Radiofrequency Radiation and Cancer	2020-02	Food and Drug Administration	Food and Drug Administration	Food and Drug Administration (FDA), Feb 2020

Risks to Health and Well-Being From Radio-Frequency Radiation Emitted by Cell Phones and Other Wireless Devices	2019-08	Miller AB, Sears ME, Morgan LL, Davis DL, Hardell L, Oremus M, Soskolne CL	Dalla Lana School of Public Health, University of Toronto, Toronto, ON, Canada; Ottawa Hospital Research Institute, Prevent Cancer Now, Ottawa, ON, Canada; Environmental Health Trust, Teton Village, WY, United States; The Environment and Cancer Research Foundation, Örebro, Sweden; School of Public Health and Health Systems, University of Waterloo, Waterloo, ON, Canada; School of Public Health, University of Alberta, Edmonton, AB, Canada; Health Research Institute, University of Canberra, Canberra, ACT, Australia	Frontiers in Public Health 2019, Vol 7 (223), Aug 2019, pp. 1-10
Sensor-Aided EMF Exposure Assessments in an Urban Environment Using Artificial Neural Networks	2020-04 published online	Wang S, Wiart J	Chaire C2M, LTCI, Télécom Paris, Institut Polytechnique de Paris, Palaiseau, France	International Journal of Environmental Research and Public Health, Vol 17 (9), 3052, published online Apr 2020, pp. 1-15
Smartphone Use and Sleep Quality in Chinese College Students: A Preliminary Study	2020-05 published online	Huang Q, Li Y, Huang S, Qi J, Shao T, Chen X, Liao Z, Lin S, Zhang X, Cai Y, Chen H	Department of Psychiatry, The Second Xiangya Hospital, Central South University, Changsha, China; Mental Health Institute of the Second Xiangya Hospital, Central South University, Chinese National Clinical Research Center on Mental Disorders (Xiangya), Chinese National Technology Institute on Mental Disorders, Hunan Key Laboratory of Psychiatry and Mental Health, Changsha, China; Center of Psychology Teaching and Research, Changsha Health Vocational College, Changsha, China; Department of Psychiatry, The Fourth People's Hospital of Wuhu, Wuhu, China; Department of Psychiatry, Brain Hospital of Hunan Province, Changsha, China; Department of Psychiatry, Geriatric and Somatic Diseases, Brain Hospital of Hunan Province, Hunan; University of Chinese Medicine Clinical College, Hunan Mental Behavior Disorder Research Center, Changsha, China	Frontiers in Psychiatry, Vol 11, Article 352, published online May 2020, pp. 1-7
Spending the night next to a router - Results from the first human experimental study investigating the impact of Wi-Fi exposure on sleep	2020-05 published online	Danker-Hopfe H, Bueno-Lopez A, Dorn H, Schmid G, Hirtl R, Eggert T	Charité – Universitätsmedizin Berlin, Freie Universität Berlin, Humboldt-Universität zu Berlin, Berlin Institute of Health, Competence Center for Sleep Medicine, Berlin, Germany; Seibersdorf Laboratories, Seibersdorf, Austria	International Journal of Hygiene and Environmental Health, Vol 228, 113550, published online May 2020, pp. 1-11
The Contribution of In Vivo Mammalian Studies to the Knowledge of Adverse Effects of Radiofrequency Radiation on Human Health	2019-09	Vornoli A, Falcioni L, Mandrioli D, Bua L, Belpoggi F	Cesare Maltoni Cancer Research Center, Ramazzini Institute, Castello di Bentivoglio, Bentivoglio, Bologna, Italy	International Journal of Environmental Research and Public Health, Vol 16 (18), E3379, Sep 2019, pp. 1-27
The different sources of electromagnetic fields: Dangers are not limited to physical health	2020-03 published online	Deruelle F	Independent Researcher, Ronchin, France	Electromagnetic Biology and Medicine 2020, Vol 39 (2), published online Mar 2020, pp. 166-175
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