

WBF - Studien zu Mobilfunk und Gesundheit

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Name der Studie	Datum der Veröffentlichung	Autor/Herausgeber	Beteiligte wissenschaftliche Institute	Quelle
1,800 MHz Radiofrequency Electromagnetic Irradiation Impairs Neurite Outgrowth With a Decrease in Rap1-GTP in Primary Mouse Hippocampal Neurons and Neuro2a Cells	2021-11	Li Y, Deng P, Chen C, Ma Q, Pi H, He M, Lu Y, Gao P, Zhou C, He Z, Zhang Y, Yu Z, Zhang L	Key Laboratory of Medical Protection for Electromagnetic Radiation, Department of Occupational Health, Ministry of Education, Third Military Medical University, Chongqing, China	Frontiers in Public Health, Vol 9:771508, Nov 2021, pp. 1-13
5G Observatory - Quarterly Report 12 - Up to June 2021	2021-07	Pujol F, Manero C, Carle B, Remis S	IDATE DigiWorld	European Commission, 5G Observatory – Quarterly Report 12, July 2021, pp. 1-149
A critical analysis of the MOBI-Kids study of wireless phone use in childhood and adolescence and brain tumor risk	2022-05 published online	Hardell L, Moskowitz JM	Department of Oncology, University Hospital, Örebro, Sweden; The Environment and Cancer Research Foundation, Studievägen 35, Örebro, Sweden; School of Public Health, University of California, Berkeley, Berkeley, CA, USA	Reviews on Environmental Health, published online May 2022, pp. 1-13
A Monte Carlo Analysis of Actual Maximum Exposure from a 5G Millimeter-Wave Base Station Antenna for EMF Compliance Assessments	2022-01	Xu B, Anguiano Sanjurjo D, Colombi D, Tömevik C	Ericsson Research, Ericsson AB, Stockholm, Sweden	Frontiers in Public Health, Vol 9:777759, Jan 2022, pp. 1-11
A study of risk perception of radiofrequency electromagnetic field (RF-EMF) exposure from mobile phones and base stations in India	2022-05 published online	Pradhan R, Rowley J, Sagar M	Bharti School of Telecommunication Technology and Management, Indian Institute of Technology Delhi, New Delhi, India; Research and Sustainability, GSM Association, London, UK; Research and Sustainability, GSM Association, London, UK	Contemporary South Asia, published online May 2022, pp. 1-14
A survey on electromagnetic hypersensitivity: the example from Poland	2021-10 published online	Tatoń G, Kacprzyk A, Rok T, Pytlarz M, Pawlak R, Rokita E	Doctoral School in Medical and Health Sciences, Jagiellonian University, Cracow, Poland; Department of Biophysics, Faculty of Biochemistry, Biophysics and Biotechnology, Jagiellonian University, Cracow, Poland; Department of Equipment and Systems Testing, National Institute of Telecommunications, Warsaw, Poland	Electromagnetic Biology and Medicine, Vol 41 (1), published online Oct 2021, pp. 52-59
Acute and Chronic Exposure to 900 MHz Radio Frequency Radiation Activates p38/JNK-mediated MAPK Pathway in Rat Testis	2022-01 published online	Er H, Tas GG, Soygur B, Ozen S, Sati L	Department of Biophysics, Akdeniz University School of Medicine, Akdeniz University, Antalya, Turkey; Department of Medical Imaging Techniques, Vocational School of Health Services, Akdeniz University, Antalya, Turkey; Department of Histology and Embryology, Akdeniz University School of Medicine, Antalya, Turkey; Department of Obstetrics, Gynecology and Reproductive Sciences, Center for Reproductive Sciences, Eli and Edythe Broad Center of Regeneration Medicine and Stem Cell Research, University of California San Francisco, San Francisco, CA, USA; Department of Electrical and Electronics Engineering, Faculty of Engineering, Akdeniz University, Antalya, Turkey; Department of Histology and Embryology, Akdeniz University School of Medicine, Antalya, Turkey	Reproductive Sciences, Vol 29 (5), published online Jan 2022, pp. 1471-1485
Amelioration of Cell Phone and Wi Fi induced Pancreatic Damage and Hyperglycemia (Diabetes Mellitus) with Pomegranate and Vit E in Rats	2021-11	Sibghatullah H, Sangi SMA, Ahmedani EI, Alqahtani A, Bawadekji A, Nagaraja S	Pathology Department, Liaquat University of Medical and Allied Health Sciences, Jamshoro, Sindh, Pakistan; Faculty of Pharmacy, Northern Border University, Rafha Campus, Saudi Arabia; Deanship of Common First Year, Jouf University, Sakaka, KSA; Faculty of Pharmacy, King Khalid university, Abha, Saudi Arabia; Faculty of Science, Northern Border University, ArAr, Saudi Arabia; Department of Pharmaceutics, College of Clinical Pharmacy, King Faisal university, Hofouf, Al-Ahsa, Saudi Arabia	Journal of Pharmaceutical Research International, Vol 33 (54B), Nov 2021, pp. 204-215
An Effective Method Using Reverberation Chambers to Measure TRP From Mobile Phones and Power Absorbed by User Body	2022-05	Gifuni A, Adil M, Grassini G, Buono A, Nunziata F, Micheli D, Migliaccio M	Dipartimento di Ingegneria, Università degli Studi di Napoli Parthenope, Naples, Italy	IEEE Transactions on Electromagnetic Compatibility, May 2022, pp. 1-12
An Exploration of the Effects of Radiofrequency Radiation Emitted by Mobile Phones and Extremely Low Frequency Radiation on Thyroid Hormones and Thyroid Gland Histopathology	2021-08 published online	Alkayyali T, Ochuba O, Srivastava K, Sandhu JK, Joseph C, Ruo SW, Jain A, Waqar A, Poudel S	Pathology, California Institute of Behavioral Neurosciences & Psychology, Fairfield, USA; Internal Medicine, California Institute of Behavioral Neurosciences & Psychology, Fairfield, USA; Neurology, California Institute of Behavioral Neurosciences & Psychology, Fairfield, USA; Family Medicine, California Institute of Behavioral Neurosciences & Psychology, Fairfield, USA; General Surgery, California Institute of Behavioral Neurosciences & Psychology, Fairfield, USA	Cureus, Vol 13 (8): 17329, published online Aug 2021, pp. 1-10
An idiographic approach to Idiopathic Environmental Intolerance attributed to Electromagnetic Fields (IEI-EMF) Part II. Ecological momentary assessment of three individuals with severe IEI-EMF	2022-05 published online	Dömötör Z, Ruzsa G, Thuróczy G, Necz PP, Nordin S, Kóteles F, Szemerszky R	Institute of Health Promotion and Sport Sciences, ELTE Eötvös Loránd University, Budapest, Hungary; Doctoral School of Psychology, ELTE Eötvös Loránd University, Budapest, Hungary; Department of Statistics, Corvinus University of Budapest, Budapest, Hungary; National Public Health Center, National Research Institute for Radiobiology and Radiohygiene, Budapest, Hungary; Department of Psychology, Umeå University, Umeå, Sweden	Heliyon, Vol 8 (5), published online May 2022, pp. 1-9
An insight into the risk factors of brain tumors and their therapeutic interventions	2021-08	Rasheed S, Rehman K, Akash MSH	Department of Pharmaceutical Chemistry, Government College University, Faisalabad, Pakistan; Department of Pharmacy, University of Agriculture, Faisalabad, Pakistan	Biomedicine & Pharmacotherapy, Vol 143:112119, Aug 2021, pp. 1-15

An International Collaborative Animal Study of the Carcinogenicity of Mobile Phone Radiofrequency Radiation: Considerations for Preparation of a Global Project	2022-05	Ahn YH, Imaida K, Kim YB, Han KH, Paek JK, Kim N, Jeon SB, Lee AK, Choi HD, Wang J, Kawabe M, Kim HS	Department of Neurosurgery, Ajou University School of Medicine, Suwon, Republic of Korea; Neuroscience Graduate Program, Department of Biomedical Sciences, Graduate School of Ajou University, Suwon, Republic of Korea; Department of Pathology and Host-Defense, Kagawa University, Takamatsu, Kagawa, Japan; Department of Advanced Toxicology Research, Korea Institute of Toxicology, Daejeon, Republic of Korea; Department of Radio Science and Engineering, Chungnam National University, Daejeon, Republic of Korea; School of Electrical and Computer Engineering, Chungbuk National University, Cheongju, Republic of Korea; Radio Technology Research Department, Electronics and Telecommunications Research Institute (ETRI), Daejeon, Republic of Korea; Department of Electrical and Mechanical Engineering, Nagoya Institute of Technology, Nagoya, Japan; DIMS Institute of Medical Science, Ichinomiya, Japan	Bioelectromagnetics, Vol 43 (4), May 2022, pp. 218-224
Analysis of 5G Base Station RF EMF Exposure Evaluation Methods in Scattering Environments	2022-01	Bechta K, Grangeat C, Du J, Rybakowski M	Mobile Networks, Nokia, Wroclaw, Poland; Mobile Networks, Nokia Paris-Saclay, Nozay, France; Bell Labs, Nokia, Murray Hill, NJ, USA	IEEE Access, Vol 10, Jan 2022, pp. 7196-7206
Artificial Neural Network-Based Uplink Power Prediction From Multi-Floor Indoor Measurement Campaigns in 4G Networks	2021-11	Mazloun T, Wang S, Hamdi M, Ashenafi Mulugeta B, Wiart J	Chaire C2M, LTCI, Télécom Paris, Institut Polytechnique de Paris, Palaiseau, France; China Academy of Information and Communications Technology, China	Frontiers in Public Health, Vol 9:777798, Nov 2021, pp. 1-8
Assessment of cell phone effect on dental socket healing in rat	2021-10 published online	Shojaee M, Seyed Majidi M, Jenabian N, Ebrahimi M, Yazdi M, Asgharpour F, Roohi A, Motalebnejad M	Student Research Committee, Babol University of medical Sciences, Babol, Iran; Dental Material Research Center, Health research institute, Babol University of Medical Sciences, Babol, Iran; Oral Health Research Center, Health research institute, Babol University of medical Sciences, Babol, Iran; Faculty of Electrical and Computer Engineering, Babol Noshirvani University of Technology, Babol, Iran; Department of Laboratory Sciences, Faculty of Para-Medicine, Babol University of Medical Sciences, Babol, Iran; Oral Health Research Center, Health research institute, Babol University of medical Sciences, Babol, Iran	Minerva Dental and Oral Science, published online Oct 2021, pp. 1-19
Assessment of Human Exposure Levels Due to Mobile Phone Antennas in 5G Networks	2022-01	Bonato M, Dossi L, Gallucci S, Benini M, Tognola G, Parazzini M	Institute of Electronics, Computer and Telecommunication Engineering (IEIT), National Research Council, Milano, Italy; Department of Electronics, Information and Bioengineering (DEIB), Politecnico di Milano, Milano, Italy	International Journal of Environmental Research and Public Health, Vol 19 (3):1546, Jan 2021, pp. 1-12
Assessment of Human Exposure to Electromagnetic Fields: Review and Future Directions	2021-10	Hirata A, Diao Y, Onishi T, Sasaki K, Ahn S, Colombi D, de Santis V, Laakso I, Giaccone L, Joseph W, Rashed EA, Kainz W, Chen J	Department of Electrical and Mechanical Engineering, Nagoya Institute of Technology, Nagoya, Japan; College of Electronic Engineering, South China Agricultural University, Guangzhou, China; National Institute of Information and Communications Technology, Tokyo, Japan; National Institute of Information and Communications Technology, Tokyo, Japan; Cho Chun Shik Graduate School of Green Transportation, Korea Advanced Institute of Science and Technology, Daejeon, South Korea; Ericsson Research, Ericsson AB, Stockholm, Sweden; Department of Industrial and Information Engineering and Economics, University of L'Aquila, L'Aquila, Italy; Department of Electrical Engineering and Automation, Aalto University, Espoo, Finland; und weitere	IEEE Transactions on Electromagnetic Compatibility, Vol 63 (5), Oct 2021, pp. 1619-1630
Association between mobile phone use and hearing impairment: a systematic review and meta-analysis	2021-07 published online	Taziki Balajelini MH, Mohammadi M, Rajabi A	Otorhinolaryngology, Head and Neck Surgery, Golestan University of Medical Sciences, Gorgan, Iran; Medical Librarianship and Information Sciences, Research Center of Gastroenterology and Hepatology, Golestan University of Medical Sciences, Gorgan, Iran; Department of Biostatistics and Epidemiology, Faculty of Health, Health Management and Social Development Research Center, Golestan University of Medical Sciences, Gorgan, Iran	Reviews on Environmental Health, published online Jul 2021, pp. 1-8
Base transceiver station antennae exposure and workers' health	2022-06 published online	Rangkooy H, Rahmati A, Dehaghi BF	Environmental Technologies Research Center, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran; Department of Occupational Health, School of Public Health, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran	International Journal of Occupational Safety and Ergonomics, published online Jun 2022, pp. 1-13
Can Prenatal and Postnatal Cell Phone Exposure Increase Adverse Maternal, Infant and Child Outcomes?	2021-12 published online	Ashrafinia F, Moeindarbari S, Razmjouei P, Ghazanfarpour M, Najafi MN, Ghalibaf AAM, Abdi F	Department of Midwifery, School of Nursing and Midwifery, Kerman University of Medical Sciences, Kerman, Iran; Student Research Committee, Kerman University of Medical Sciences, Kerman, Iran; Department of Gynecology and Obstetrics, Shahid Faghihi Hospital, Shiraz University of Medical Sciences, Shiraz, Iran; Clinical Research Unit, Mashhad University of Medical Sciences, Mashhad, Iran; Student Research Committee, Faculty of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran; Non-communicable Diseases Research Center, Alborz University of Medical Sciences, Karaj, Iran	Revista Brasileira de Ginecologia e Obstetrícia / RBGO Gynecology and Obstetrics, Vol 43 (11), published online Dez 2021, pp. 870-877
Cellular Network Densification Increases Radio-Frequency Pollution: True or False?	2022-04	Chiaraviglio L, Turco S, Bianchi G, Blefari-Melazzi N	Department of Electronic Engineering, University of Rome Tor Vergata, Rome, Italy; Consorzio Nazionale Interuniversitario per le Telecomunicazioni, Parma, Italy	IEEE Transactions on Wireless Communications, Vol 21 (4), Apr 2022, pp. 2608-2622
Cellular Telephone Use and the Risk of Brain Tumors: Update of the UK Million Women Study	2022-03 published online	Schüz J, Pirie K, Reeves GK, Floud S, Beral V, Million Women Study Collaborators	International Agency for Research on Cancer (IARC/WHO), Environment and Lifestyle Epidemiology Branch, Lyon, France; Cancer Epidemiology Unit, Nuffield Department of Population Health, University of Oxford, Oxford, UK	Journal of the National Cancer Institute, Vol 114 (5), published online Mar 2022, pp. 704-711
Challenges on the effect of cell phone radiation on mammalian embryos and fetuses: a review of the literature Review	2021-09 published online	Mahaldashtian M, Khalili MA, Anbari F, Seify M, Belli M	Department of Reproductive Biology, Yazd Reproductive Sciences Institute, Shahid Sadoughi University of Medical Sciences, Yazd, Iran; Department of Life, Health and Environmental Sciences, University of L'Aquila, L'Aquila, Italy	Zygote, Vol 30 (2), published online Sep 2021, pp. 176-182

Comment on: What is the radiation before 5G? A correlation study between measurements in situ and in real time and epidemiological indicators in Vallecas, Madrid	2022-05	Ramirez-Vazquez R, Escobar I, Vargas F, Arribas E	University of Castilla-La Mancha, Applied Physics Department, Faculty of Computer Science Engineering, Albacete, Spain; Ministry of Health, Madrid, Spain.	Environmental Research, Vol 207:112138, May 2022, pp. 1-6
Commentary Methodology of Studying Effects of Mobile Phone Radiation on Organisms: Technical Aspects	2021-11	Bartosova K, Neruda M, Vojtech L	Department of Telecommunication Engineering, Faculty of Electrical Engineering, Czech Technical University in Prague, Technicka 2, Prague 6, Prague, Czech Republic	International Journal of Environmental Research and Public Health, Vol 18 (23):12642, Nov 2021, pp. 1-9
Comments on the article by Dariusz Leszczynski: Review of the scientific evidence on the individual sensitivity to electromagnetic fields	2021-09	Oftedal G, Driessen S, Schmiedchen K	Department of Electronic Systems, Norwegian University of Science and Technology, Trondheim, Norway; Research Center for Bioelectromagnetic Interaction, Institute for Occupational, Social and Environmental Medicine, RWTH Aachen University, Aachen, Germany	Reviews on Environmental Health, Vol 37 (2), Sep 2021, pp. 307-309
Comments on the Review of the scientific evidence on the individual sensitivity to electromagnetic fields (EHS) by Dariusz Leszczynski	2022-02 published online	Dieudonné M	Department of Public Health, University Hospital of Lyon, Lyon, France	Reviews on Environmental Health, published online Feb 2022, pp. 1-3
Compact Exosimeter Device for the Characterization and Recording of Electromagnetic Fields from 78 MHz to 6 GHz with Several Narrow Bands (300 kHz)	2021-11	Rivera González MX, Félix González N, López I, Ochoa Zambrano JS, Miranda Martínez A, Maestú Unturbe C	Center for Biomedical Technology (CTB), Escuela Técnica Superior de Ingenieros de Telecomunicaciones (ETSIT), Universidad Politécnica de Madrid (UPM), Madrid, Spain; School of Computer Systems Engineering (ETSISI), Universidad Politécnica de Madrid (UPM), Madrid, Spain; Networking Research Center of Bioengineering, Biomaterials and Nanomedicine (CIBER-BBN), Universidad Politécnica de Madrid (UPM), Madrid, Spain	Sensors, Vol 21 (21): 7395, Nov 2021, pp. 1-21
Comparison of Average Total EMF Exposure for Microcell/Macrocell Topologies Using Novel Methodology Based on Operational Network Measurements	2021-08	Saković MP, Koprivica M, Milinković J, Nešković A	School of Electrical Engineering, University of Belgrade, Serbia; Technical Division, Telekom Srbija a.d., Belgrade, Serbia; Corporate Affairs Division, Telekom Srbija a.d., Belgrade, Serbia	IEEE Access, Vol 9, Aug 2021, pp. 113770-113787
Dariusz Leszczynski responds to comments of Maël Dieudonné on Leszczynski's review of the scientific evidence on the individual sensitivity to electromagnetic fields (EHS)	2022-03 published online	Leszczynski D	Biochemistry, University of Helsinki, Helsinki, Finland.	Reviews on Environmental Health, published online Mar 2022, pp. 1-2
Detaillierte vergleichende Analyse der Alters- und Geschlechtsabhängigkeit des Einflusses hochfrequenter elektromagnetischer Felder von Mobilfunk-Endgeräten auf Gehirnaktivität, Schlaf und kognitive Leistungsfähigkeit	2022-04	Eggert T, Dom H, Danker-Hopfe H	Charité - Universitätsmedizin Berlin, Berlin, Germany	Bundesamt für Strahlenschutz, Apr 2022, pp. 1-214
Determination of short-interval time estimates in humans exposed to radiofrequency electromagnetic radiation	2022-05	Chandel P, Singh MM, Pati AK, Choudhary V, Parganiha A	School of Studies in Life Science, Pandit Ravishankar Shukla University, Raipur, India; Center for Translational Chronobiology, Pandit Ravishankar Shukla University, Raipur, India; Professor Emeritus at Kalinga Institute of Social Sciences – Deemed to be University, Bhubaneswar, India; Regional Cancer Center, Pt. Jawaharlal Nehru Medical College, Dr. B.R. Ambedkar Memorial Hospital, Raipur, India	Journal of Environmental Biology, Vol 43, May 2022, pp. 369-376
Do Cell Phones Cause Brain Tumors? Another Piece of the Puzzle	2022-03 published online	Weed DL	DLW Consulting Services, LLC, Salt Lake City, UT, USA; National Cancer Institute (retired), National Institutes of Health, Bethesda, MD, USA	Journal of the National Cancer Institute, Vol 114 (5), published online Mar 2022, pp. 643-644
Do Dense 5G Networks Increase Exposure to Electromagnetic Fields?	2021-11	Chiaraviglio L, Turco S, Bianchi G, Blefari-Melazzi N	Department of Electronic Engineering, University of Rome Tor Vergata, Rome, Italy; Consorzio Nazionale Interuniversitario per le Telecomunicazioni, Parma, Italy	Proceedings IEEE, Vol 109 (12), Nov 2021, pp. 1880-1887
Dual Antenna Coupling Manipulation for Low SAR Smartphone Terminals in Talk Position	2022-06	Jamshed MA, Brown TWC, Héliot F	James Watt School of Engineering, University of Glasgow, Glasgow, U.K.; Institute of Communication Systems (ICS), Home of 5G and 6G Innovation Centre, University of Surrey, Guildford, U.K.; Institute of Communication Systems (ICS), Home of 5G and 6G Innovation Centre, University of Surrey, Guildford, U.K.	IEEE Transactions on Antennas and Propagation, Vol 70 (6), Jun 2022, pp. 4299-4306
Effect of cell phone use on salivary components; a review of literature	2021-11 published online	Arbabi Kalati F, Nosratzahi T	Department of Oral and Maxillofacial Medicine, School of Dentistry, Oral and Dental Diseases Research Center, Zahedan University of Medical Sciences, Zahedan, Iran	Journal of Complementary and Integrative Medicine, published online Nov 2021, pp. 1-5
Effect of Duration of Mobile Phone Use on the Salivary Flow and Total Antioxidant Capacity of Saliva and Salivary Immunoglobulin A Level: A Cross-sectional Study	2022-04 published online	Bansal D, Chhapanwal Y, Pai KM, Kumar M, Vineetha R, Chhapanwal S, Kamath S, Kamath A	Departments of Oral Medicine and Radiology, Manipal, India; College of Dental Sciences, Manipal, India; Conservative Dentistry and Endodontics, Manipal, India; Biochemistry, Kasturba Medical College, Manipal, India; Data Science, Prasanna School of Public Health, Manipal Academy of Higher Education, Manipal, India	Journal of International Society of Preventive and Community Dentistry, Vol 2 (2), published online Apr 2022, pp. 260-265
Effect of electromagnetic field on abortion: A systematic review and meta-analysis	2021-11	Ghazanfarpour M, Kashani ZA, Pakzad R, Abdi F, Rahnamaei FA, Akbari PA, Roozbeh N	Mother and Child Welfare Research Center, Hormozgan University of Medical Sciences, Bander Abbas, Iran; School of Nursing and Midwifery, Alborz University of Medical Sciences, Karaj, Iran; Student Research Committee, Nursing and Midwifery Faculty, Shahid Beheshti University of Medical Sciences, Tehran, Iran; Department of Oral and Maxillofacial Medicine, School of Dentistry, Oral and Dental Diseases Research Center, Zahedan University of Medical Sciences, Zahedan, Iran; Department of Midwifery, Nursing and Midwifery Faculty, Ardabil University of Medical Sciences, Ardabil, Iran	Open Medicine, Vol 16, Nov 2021, pp. 1628-1641
Effect of mobile phone usage duration during pregnancy on the general motor movements of infants	2022-03 published online	Bektas H, Bektas MS, Dasdag S	Department of Biophysics, Medical School of Van Yuzuncu Yil University, Van, Turkey; Division of Neonatology, Department of Pediatrics, Lokman Hekim Hospital, Van, Turkey; Department of Biophysics, Medical School of İstanbul Medeniyet University, İstanbul, Turkey	Biotechnology & Biotechnological Equipment, Vol 36 (1), published online Mar 2022, pp. 56-66
Effect of Radiation Emitted by Wireless Devices on Male Reproductive Hormones: A Systematic Review	2021-09	Maluin SM, Osman K, Jaffar FHF, Ibrahim SF	Department of Physiology, Faculty of Medicine, Universiti Kebangsaan Malaysia (UKM), Kuala Lumpur, Malaysia; Department of Physiology, Faculty of Medicine and Health Sciences, Universiti Sains Islam Malaysia (USIM), Nilai, Malaysia; Centre of Diagnostic Science and Applied Health, Faculty of Health Sciences, Universiti Kebangsaan Malaysia (UKM), Bangi, Malaysia	Frontier in Physiology, Vol 12, 732420, Sep 2021, pp. 1-8

Effect of Radiofrequency Waves of Mobile Phones on Distortion Product Otoacoustic Emissions	2021-10 published online	Nayak S, Aroor R, Shastri U, Goutham MK, Sinha D	Department of Otorhinolaryngology, Nitte (Deemed to be University), KS Hegde Medical Academy, Mangalore, Karnataka, India; Department of Audiology and Speech Language Pathology, Manipal Academy of Higher Education, Kasturba Medical College, Karnataka, India	Journal of Health and Allied Sciences NU 2022, Vol 12 (02), published online Oct 2021, pp. 119-125
Effect of the prenatal electromagnetic field exposure on cochlear nucleus neurons and oligodendrocytes in rats	2022-02	Tümekaya L, Bas O, Mercantepe T, Cinar S, Özgür A, Yazici ZA	Department of Histology and Embryology, Faculty of Medicine, Recep Tayyip Erdogan University, Rize, Turkey; Department of Anatomy, Faculty of Medicine, Samsun University, Samsun, Turkey, Department of Histology and Embryology, Faculty of Medicine, Recep Tayyip Erdogan University, Rize, Turkey; Department of Otorhinolaryngology, Samsun Ondokuz Mayıs University, Samsun, Turkey; Department of Microbiology, Faculty of Medicine, Recep Tayyip Erdogan University, Rize, Turkey	Environmental Science and Pollution Research, Vol 29, Feb 2022, pp. 40123-40130
Effects of communicating uncertainty descriptions in hazard identification, risk characterization, and risk protection	2021-07 published online	Wiedemann P, Boemer FU, Freudenstein F	Jülich Research Centre, Jülich, Germany; Australian Centre for Electromagnetic Bioeffects Research, Illawarra Health and Medical Research Institute, University of Wollongong, Wollongong, NSW, Australia; Centre for Population Health Research on Electromagnetic Energy, Monash University, Melbourne, VIC, Australia; School of Psychology, Faculty of Arts, Social Sciences & Humanities, University of Wollongong, Wollongong, NSW, Australia; Institute of Occupational Medicine, Charité Universitätsmedizin Berlin, Berlin, Germany; Department of Risk Communication, German Federal Institute for Risk Assessment (BfR), Berlin, Germany; Department of Epidemiology and Preventive Medicine, School of Public Health and Preventive Medicine, Faculty of Medicine, Nursing and Health Sciences, Monash University, Melbourne, VIC, Australia	PLoS One, Vol 16 (7):e0253762, published online Jul 2021, pp. 1-18
Effects of excessive use of mobile phone technology in India on human health during COVID-19 lockdown	2021-09 published online	Tyagi A, Prasad AK, Bhatia D	Department of Electronics and Communication Engineering, Ajay Kumar Garg Engineering College, Ghaziabad, India; Department of Computer Science and Engineering, Royal School of Engineering and Technology, Guwahati, Assam, India; Department of Biomedical Engineering, North Eastern Hill University, Shillong, Meghalaya, India	Technology in Society November, Vol 67:101762, published online Sep 2021, pp. 1-10
Effects of mobile phone radiofrequency radiation on sperm quality	2021-08 published online	Sciorio R, Tramontano L, Esteves SC	Edinburgh Assisted Conception Programme, EFREC, Royal Infirmary of Edinburgh, Edinburgh, Scotland, UK; Département de la Femme, de l'Enfant et de l'Adolescent, Hôpitaux Universitaires de Genève, Genève, Switzerland; ANDROFERT, Andrology and Human Reproduction Clinic, Campinas, Brazil; Department of Surgery (Division of Urology), University of Campinas (UNICAMP), Campinas, Brazil; Faculty of Health, Aarhus University, Aarhus, Denmark.	Zygote, Vol 30 (2), published online Aug 2021, pp. 159-168
Effects of mobile phone usage on sperm quality – No time-dependent relationship on usage: A systematic review and updated meta-analysis	2021-11	Kim S, Han D, Ryu J, Kim K, Kim YH	Department of Medicine, School of Medicine, Pusan National University, Yangsan, Republic of Korea; Department of Occupational and Environmental Medicine, Kosin University Gospel Hospital, Busan, Republic of Korea; Department of Anatomy, School of Medicine, Pusan National University, Yangsan, Republic of Korea; Department of Biomedical Informatics, School of Medicine, Pusan National University, Yangsan, Republic of Korea; Biomedical Research Institute, Pusan National University Hospital, Republic of Korea	Environmental Research, Vol 202:111784, Nov 2021, pp. 1-8
Effects of mobile phone use on semen parameters: a cross-sectional study of 1634 men in China	2022-04 published online	Zhang S, Mo F, Chang Y, Wu S, Ma Q, Jin F, Xing L	School of Medicine, Zhejiang University, Hangzhou, Zhejiang Province, China; Department of Reproductive Endocrinology, Women's Hospital, School of Medicine, Zhejiang University, Hangzhou, Zhejiang Province, China	Reproduction, Fertility and Development, Vol 34 (9), published online Apr 2022, pp. 669–678
Effects of non-ionizing electromagnetic fields on flora and fauna, Part 2 impacts: how species interact with natural and man-made EMF	2021-07 published online	Levitt BB, Lai HC, Manville AM	Department of Bioengineering, University of Washington, Seattle, WA, USA; Advanced Academic Programs, Krieger School of Arts and Sciences, Environmental Sciences and Policy, Johns Hopkins University, Washington DC Campus, USA	Reviews on Environmental Health, published online Jul 2021 pp. 1-80
Effects of radiofrequency electromagnetic fields (RF EMF) on cancer in laboratory animal studies	2022-03	Mevissen M, Ward JM, Kopp-Schneider A, McNamee JP, Wood AW, Rivero TM, Thayer K, Straif K	Veterinary Pharmacology & Toxicology, Department of Clinical Research and Veterinary Public Health (DCR-VPH), University of Bern, Bern, Switzerland; Global VetPathology, Montgomery Village, Maryland, USA; Division of Biostatistics, German Cancer Center, Heidelberg, Germany; Non-Ionizing Radiation Health Sciences Division, Consumer and Clinical Radiation Protection Bureau, Health Canada, Ottawa, Canada; Department of Health Sciences and Statistics, Swinburne University of Technology, Hawthorn, Australia; Medical Library, University Library, University of Bern, Bern, Switzerland; Center for Public Health and Environmental Assessment, Chemical & Pollutant Assessment Division, US EPA, NC, USA; ISGlobal, Barcelona, Spain; Boston College, MA, USA	Environment International, Vol 161:107106, Mar 2022, pp. 2-9
Effects of Radiofrequency Electromagnetic Radiation on Neurotransmitters in the Brain	2021-08	Hu C, Zuo H, Li Y	Anhui Medical University, Academy of Life Sciences, Hefei, China; Department of Experimental Pathology, Beijing Institute of Radiation Medicine, Beijing, China	Frontiers in Public Health, Vol 9:691880, Aug 2021, pp. 1-15
Electromagnetic fields and health	2022-01	The Institution of Engineering and Technology (IET)	The Institution of Engineering and Technology (IET), Stevenage, Hertfordshire, United Kingdom	The Institution of Engineering and Technology (IET), Fact File, Jan 2022, pp. 1-24
Electromagnetic hypersensitivity close to mobile phone base stations - a case study in Stockholm, Sweden	2022-03 published online	Hardell L, Koppel T	The Environment and Cancer Research Foundation, Örebro, Sweden; Tallinn University of Technology, Tallinn, Estonia	Reviews on Environmental Health, published online Mar 2022, pp. 1-10
Elektromagnetische Felder in NRW - Feldmessungen im Umfeld von 5G-Mobilfunkseanlagen	2021-11	Kopacz T, Schiffarth AM, Wuschek M, Borkessel C	Institut für Hochfrequenztechnik, Rheinisch-Westfälische Technische Hochschule Aachen, Aachen, Deutschland; EM-Institut GmbH, Regensburg, Deutschland; Technische Universität Ilmenau, Fachgebiet Hochfrequenz- und Mikrowellentechnik, Ilmenau, Deutschland	Landesamt für Natur, Umwelt und Verbraucherschutz NRW, Nov 2021, pp. 1-77

			Computer, Electrical and Mathematical Sciences and Engineering (CEMSE) Division, King Abdullah University of Science and Technology (KAUST), Thuwal, Saudi Arabia; CEMSE Division, King Abdullah University of Science and Technology (KAUST), Thuwal, Saudi Arabia Institute for Communication Systems (ICS), University of Surrey, Guildford, U.K.; Department of Electrical Engineering, The University of Jordan, Amman, Jordan	IEEE Communications Letters, Vol 26 (1), Jan 2022, pp. 123-127
EMF-Aware Cellular Networks in RIS-Assisted Environments	2022-01	Ibraiwish H, Elzanaty A, Al-Badameh YH, Alouini MS		
Energy Efficiency Optimization of Reconfigurable Intelligent Surfaces With Electromagnetic Field Exposure Constraints	2022-06	Zappone A, Di Renzo M	University of Cassino and Southern Lazio, Cassino, Italy; Université Paris-Saclay, CNRS, CentraleSupélec, Laboratoire des Signaux et Systèmes, Gif-sur-Yvette, France	IEEE Signal Processing Letters, Vol 29, Jun 2022, pp.1447-1451
Estimated all-day and evening whole-brain radiofrequency electromagnetic fields doses, and sleep in preadolescents	2022-03	Cabrè-Riera A, van Wel L, Liomi I, Koopman-Verhoeff ME, Imaz L, Ibarluzea J, Huss A, Wiert J, Vermeulen R, Joseph W, Capstick M, Vrijheid M, Cardis E, Röösli M, Eeftens M, Thielens A, Tiemeier H, Guxens M	ISGlobal, Barcelona, Spain; Pompeu Fabra University, Barcelona, Spain; Spanish Consortium for Research and Public Health (CIBERESP), Instituto de Salud Carlos III, Madrid, Spain; Institute for Risk Assessment Sciences (IRAS), Utrecht University, Utrecht, the Netherlands; IT'IS Foundation, Zurich, Switzerland; Department of Child and Adolescent Psychiatry, Erasmus MC, University Medical Centre, Rotterdam, the Netherlands; The Generation R Study Group, Erasmus Medical Center, Rotterdam, the Netherlands; Ministry of Health of the Basque Government, Sub-Directorate for Public Health and Addictions of Gipuzkoa, San Sebastián, Spain; BIODONOSTIA Health Research Institute, San Sebastián, Spain; und weitere	Environmental Research, Vol 204 C:112291, Mar 2022, pp. 1-10
Estimation of RF and ELF dose by anatomical location in the brain from wireless phones in the MOBI-Kids study	2022-05	Calderón C, Castaño-Vinyals G, Maslanyj M, Wiert J, Lee AK, Taki M, Wake K, Abert A, Badia F, Hadjem A, Kromhout H, de Llobet P, Varsier N, Conil E, Choi HD, Sim MR, Cardis E	UK Health Security Agency, Chemical, Radiation and Environmental Hazards, Chilton, Didcot, United Kingdom; Barcelona Institute of Global Health (ISGlobal), Barcelona, Spain; University Pompeu Fabra, Barcelona, Spain; CIBER Epidemiología y Salud Pública, Madrid, Spain; IMIM (Hospital del Mar Medical Research Institute), Barcelona, Spain; UK Health Security Agency, Chemical, Radiation and Environmental Hazards, Chilton, Didcot, United Kingdom; WHIST Lab Common Lab of Orange Labs R&D and Institut Mines Telecom, Issy-les-Moulineaux, France; LTCI, Telecom Paris, Institut Polytechnique de Paris, Palaiseau, France; Radio Technology Research Department, Electronics and Telecommunications Research Institute (ETRI), Yuseong-gu, Daejeon, Korea; Department of Electrical Engineering, Graduate School of Engineering, Tokyo Metropolitan University, Japan; und weitere	Environment International, Vol 163:107189, May 2022, pp. 1-17
Evidences of the (400 MHz - 3 GHz) radiofrequency electromagnetic field influence on brain tumor induction	2022-01	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, Vol 32 (1), Jan 2022, pp. 121-130
Expositionsmessungen nichtionisierende Strahlung Jahresbericht 2021 - Projektkonsortium SwissNIS	2022-05	Ziegler T, Röösli M, Stephan C, Zahner M, Gugler M, Loizeau N, Fröhlich J, Bühlmann E, Schindler J, Kovacik M, Burkhard S	TPH Swiss Tropical and Public Health Institute, Allschwil, Switzerland; G+P Grolimund + Partner AG; Aarau, Switzerland; FaW Fields at Work GmbH; Zurich, Switzerland; NED-TECH NED - TECH AG Unterholz, Wangen an der Aar, Switzerland	Bundesamt für Umwelt (BAFU), Bundesamt für Kommunikation (BAKOM), May 2022, pp. 1-74
Exposure to 1.8 GHz radiofrequency field modulates ROS in human HEK293 cells as a function of signal amplitude	2022-02 published online	Pooam M, Jourdan N, Aguida B, Dahon C, Baouz S, Terry C, Raad H, Ahmad M	Department of Biology, Faculty of Science, Naresuan University, Phitsanulok, Thailand; Sorbonne Université - CNRS, Paris, France; Department of Biology, Xavier University, Cincinnati, Ohio, USA	Communicative & Integrative Biology, Vol 15 (1), published online Feb 2022, pp. 54-66
Exposure to 1800 MHz LTE electromagnetic fields under proinflammatory conditions decreases the response strength and increases the acoustic threshold of auditory cortical neurons	2022-03	Souffi S, Lameth J, Gaucher Q, Amaud-Comos D, Lévêque P, Edeline JM, Mallat M	Paris Saclay Institute of Neuroscience, Neuro-PSI, UMR 9197 CNRS, Université Paris-Sud, Orsay Cedex, France; Institut du Cerveau - Paris Brain Institute, ICM, Inserm, CNRS, Sorbonne Université, APHP, Hôpital Pitie Salpêtrière, Paris, France; CNRS, XLIM, UMR 7252, Univ. Limoges, Limoges, France; Institut Universitaire de France (IUF), Paris, France	Scientific Reports, Vol 12:4063, Mar 2022, pp. 1-14
Exposure to radiofrequency electromagnetic fields: Comparison of exposimeters with a novel body-worn distributed meter	2021-11	Huss A, Dongus S, Aminzadeh R, Thielens A, Van Den Bossche M, Van Torre P, de Seze R, Cardis E, Eeftens M, Joseph W, Vermeulen R, Röösli M	Institute for Risk Assessment Sciences, Utrecht University, Utrecht, Netherlands; Swiss Tropical and Public Health Institute, Basel, Switzerland; University of Basel, Basel, Switzerland; Department of Information Technology, WAVES, Ghent University / IMEC, Ghent, Belgium; Department of Information Technology, IDLab, Ghent University / IMEC, Ghent, Belgium; TEAM/PERITOX UMR I-01, National Institute for Industrial Environment and Risks, Vemeuil-en-Halatte, France; Barcelona Institute of Global Health (ISGlobal), Barcelona, Spain; University Pompeu Fabra, Barcelona, Spain; CIBER Epidemiología y Salud Pública, Madrid, Spain; Institute for Risk Assessment Sciences, Utrecht University, Utrecht, Netherlands	Environment International, Vol 156:106711, Nov 2021, pp. 1-7
Genotoxic effects of electromagnetic field radiations from mobile phones	2022-05 published online	Jagetia GC	Maharana Pratap Colony, Sector 13 Hiran Magri, Udaipur, India	Environmental Research, Vol 212 D:113321, published online May 2022, pp. 1-25
Gesundheitsrisiko Mobilfunkstrahlung? Was ändert sich mit 5G?	2021-12 published online	Röösli M, Hahad O, Dongus S, Loizeau N, Daiber A, Münzel T, Eeftens M	Schweizerisches Tropen- und Public Health-Institut, Basel, Schweiz; Universität Basel, Basel, Schweiz; Zentrum für Kardiologie, Kardiologie I, Universitätsmedizin der Johannes Gutenberg-Universität Mainz, Mainz, Deutschland; Deutsches Zentrum für Herz-Kreislauf-Forschung (DZHK), Standort Rhein-Main, Mainz, Deutschland	Aktuelle Kardiologie, Vol 10 (06), published online Dez 2021, pp. 531-536

Health Effects of 5G Base Station Exposure: A Systematic Review	2021-12	Sofri T, Rahim HA, Abdulmalek M, Rani KA, Omar MH, Yasin MNM, Jusoh M, Soh PJ	Advanced Communication Engineering, Centre of Excellence (ACE), Universiti Malaysia Perlis, Kangar, Malaysia; Faculty of Electronic Engineering Technology, Universiti Malaysia Perlis, Arau, Malaysia; Faculty of Engineering and Information Sciences, University of Wollongong in Dubai, Dubai, United Arab Emirates; Institute of Engineering Mathematics, Faculty of Applied and Human Sciences, Universiti Malaysia Perlis, Arau, Malaysia; Centre for Wireless Communications (CWC), University of Oulu, Oulu, Finland	IEEE Access, Vol 10, Dez 2021, pp. 41639-41656
Health Risks Associated With 5G Exposure: A View From the Communications Engineering Perspective	2021-08	Chiaraviglio L, Elzanaty A, Alouini MS	Electronics Engineering Department, University of Rome Tor Vergata, Rome, Italy; Consorzio Nazionale Interuniversitario per le Telecomunicazioni, Parma, Italy; Computer Electrical and Mathematical Sciences & Engineering Division, King Abdullah University of Science and Technology, Thuwal, Makkah, Saudi Arabia	IEEE Open Journal of the Communications Society, Vol 2, Aug 2021, pp. 2131-2179
How Do Different Physical Stressors' Affect the Mercury Release from Dental Amalgam Fillings and Microleakage? A Systematic Review	2022-06	Keshavarz M, Eslami J, Abedi-Firouzjah R, Mortazavi SA, Abbasi S, Mortazavi G	Department of Medical Physics and Engineering, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Anesthesiology, School of Nursing, Shiraz University of Medical Sciences, Shiraz, Iran; Cellular and Molecular Research Center, Yasuj University of Medical Sciences, Yasuj, Iran; School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Student, Department of Medical Physics and Engineering, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; School of Dentistry, Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Biomedical Physics and Engineering, Vol 12 (3), Jun 2022, pp. 227-236
Human resting-state EEG and radiofrequency GSM mobile phone exposure: The impact of the individual alpha frequency	2021-12 published online	Wallace J, Yahia-Cherif L, Gitton C, Hugueville L, Lemaréchal JD, Selmaoui B	Department of Experimental Toxicology and Modeling (TEAM), Institut National de l'Environnement Industriel et des Risques (INERIS), Verneuil-en-Halatte, France; PériTox Laboratory, UMR-I 01 INERIS, Université de Picardie Jules Verne, Amiens, France; Department of Biological Radiation Effect, Emergent Risk Technologies Unit, French Armed Forces Biomedical Research Institute (IRBA), Bretigny-sur-Orge, France; Centre De NeuroImagerie De Recherche (CENIR), Institut du Cerveau et de la Moelle épinière (ICM), Paris, France; Inserm U 1127, CNRS UMR 7225, Sorbonne Université, Institut du Cerveau et de la Moelle épinière (ICM), Paris, France	International Journal of Radiation Biology, Vol 98 (5), published online Dez 2021, pp. 986-995
Impact of Environmental and Dietary Issues on Male Sexual Health	2022-01 published online	Shalaby H, Dick BP, Kim J, Raheem OA, Sikka SC	Department of Urology, Andrology Lab/Division, Tulane University, New Orleans, USA; The University of Chicago Medical Center, Pritzker School of Medicine, Chicago, IL, USA; Pharmacology, Biochemistry and Human Genetics, Center of Bioenvironmental Research and Cancer Center, Tulane University Health Sciences Center, New Orleans, LA, USA	Current Sexual Health Reports, published online Jan 2022, pp. 9-16
Impact of mobile phones and wireless devices use on children and adolescents' mental health: a systematic review	2022-06 published online	Girela-Serrano BM, Spiers ADV, Ruotong L, Gangadia S, Toledano MB, Di Simplicio M	Division of Psychiatry, Department of Brain Sciences, Imperial College London, London, UK; Westminster Children and Adolescents Mental Health Services, Central and North West London NHS Foundation Trust, London, UK; MRC Centre for Environment and Health, School of Public Health, Faculty of Medicine, Imperial College London, London, UK; NIHR Health Protection Research Unit On Chemical Radiation Threats and Hazards, School of Public Health, Faculty of Medicine, Imperial College London, London, UK; Mohn Centre for Children's Health and Wellbeing, School of Public Health, Faculty of Medicine, Imperial College London, London, UK	European Child & Adolescent Psychiatry, published online Jun 2021, pp. 1-31
Impacts of smartphone radiation on pregnancy: A systematic review	2022-01 published online	El Jarrah I, Rababa M	Maternal and Child Health Nursing Department, Faculty of Nursing, Jordan University of Science and Technology, Irbid, Jordan; Department of Adult Health Nursing, Faculty of Nursing, Jordan University of Science and Technology, Irbid, Jordan.	Heliyon, Vol 8 (2):e08915, published online Jan 2022, pp. 1-8
In-Situ 5G NR Base Station Exposure of the General Public: Comparison of Assessment Methods	2022-04	Deprez K, Verloock L, Colussi L, Aerts S, Van Den Bossche M, Kamer J, Bolte J, Martens L, Plets D, Joseph W	Department of Information Technology, Ghent University/IMEC, Ghent, Belgium; Radiocommunications Agency, Groningen, The Netherlands; National Institute for Public Health and the Environment (RIVM), Bilthoven, The Netherlands; Smart Sensor Systems group, Faculty of Technology, Innovation, and Society, The Hague University of Applied Sciences, Delft, The Netherlands	Radiation Protection Dosimetry, Vol 198 (6), Apr 2022, pp. 358-369
In-Situ RF Measurements of EMFs for Human Exposure Assessment Due to Modern Cellular Base Stations	2021-10	Capriglione D	University of Cassino and Southern Lazio, Italy	IEEE Instrumentation & Measurement Magazine, Vol 24 (8), Oct 2021, pp. 31-36
Instruments to measure environmental and personal radiofrequency-electromagnetic field exposures: an update	2022-06 published online	Bhatt CR, Henderson S, Brzozek C, Benke G	Radiation Research and Advice Section, Radiation Health Services Branch, Australian Radiation Protection and Nuclear Safety Agency, Yallambie, Australia; Monash Centre for Occupational and Environmental Health, School of Public Health and Preventive, Medicine, Monash University, Melbourne, Australia	Physical and Engineering Sciences in Medicine, published online Jun 2022, pp. 1-18
Interference by Modern Smartphones and Accessories with Cardiac Pacemakers and Defibrillators	2022-01 published online	Nadeem F, Tran CT, Torbey E, Philbin D, Morales C, Wu M	Division of Cardiology, Department of Medicine, Lifespan Cardiovascular Institute and Brown University, Providence, RI, USA; Division of Cardiology, Department of Medicine, Lifespan Cardiovascular Institute and Brown University, Providence, RI, USA	Current Cardiology Reports, Vol 24, published online Jan 2022, pp. 347-353
Interpretation of Timetrends (1996-2017) of the Incidence of Selected Cancers in England in Relation to Mobile Phone Use as a Possible Risk Factor	2021-12	De Vocht F	Population Health Sciences, University of Bristol, Bristol, United Kingdom	Bioelectromagnetics, Vol 42 (8), Dez 2021, pp. 609-615
iPhone 12 MagSafe technology and cardiac implantable devices: assessment of the actual risk	2022-01	Censi F, Mattei E, Onder G, Calcagnini G	Department of Cardiovascular, Endocrine-Metabolic diseases and Ageing, Italian National Institute of Health, Rome, Italy	Pacing and Clinical Electrophysiology, Vol 45, Jan 2022, pp. 410-417

Jahresbericht 2021 der Strahlenschutzkommission	2022-02	Strahlenschutzkommission	Strahlenschutzkommission	Strahlenschutzkommission, Feb 2022, pp. 1-30
Lessons Learned from a Distributed RF-EMF Sensor Network	2022-02	Aerts S, Vermeeren G, Van Den Bossche M, Aminzadeh R, Verloock L, Thielens A, Leroux P, Bergs J, Braem B, Philippson A, Martens L, Joseph W	WAVES, Ghent University/imec, Technologiepark-Zwijnaarde, Ghent, Belgium; Unifon NV-Unifon Connect, Frankrijklaan, Poperinge, Belgium; IDLab, Ghent University/imec, Ghent, Belgium; IDLab, University of Antwerp/imec, Sint-Pietersvliet, Antwerp, Belgium; ASTRID, Brussels, Belgium	Sensors, Vol 22 (5):1715, Feb 2022, pp. 1-25
Letter to the Editor "Mobile phone electromagnetic radiation and the risk of headache: a systematic review and meta-analysis"	2022-05 published online	Jalilian H, Dongus S, Bosch-Capblanch X, Rösli M	Department of Occupational Health Engineering, Research Center for Environmental Pollutants, Faculty of Health, Qom University of Medical Sciences, Qom, Iran; Swiss Tropical and Public Health Institute, Allschwil, Switzerland; University of Basel, Basel, Switzerland	International Archives of Occupational and Environmental Health, published online May 2022, pp. 1-2
Longitudinal study of exposure to radio frequencies at population scale	2022-04	Boussad Y, Chen XL, Legout A, Chaintreau A, Dabbous W	Université Côte d'Azur, Inria, Sophia Antipolis, France; Columbia University, New York, NY, USA; Université Côte d'Azur, Inria, Sophia Antipolis, France	Environment International, Vol 162:107144, Apr 2022, pp. 1-10
Low Intensity Electromagnetic Fields Act via Voltage-Gated Calcium Channel (VGCC) Activation to Cause Very Early Onset Alzheimer's Disease: 18 Distinct Types of Evidence	2022-03	Pall ML	Professor Emeritus of Biochemistry & Basic Medical Sciences, Washington State University, Portland, OR, USA	Current Alzheimer Research, Vol 19 (2), Mar 2022, pp. 119-132
Low-profile high impedance surface on magneto-dielectric nanocomposite for wideband absorption of mobile phone radiation	2021-12	Kumaran N, Arunachalam K	Department of Engineering Design, Indian Institute of Technology Madras, Chennai, Tamil Nadu, India	International Journal of Applied Electromagnetics and Mechanics, Vol 67 (4), Dez 2021, pp. 487-506
Low-SAR Four-Antenna MIMO Array for 5G Mobile Phones Based on the Theory of Characteristic Modes of Composite PEC-Lossy Dielectric Structures	2022-03	Zhang HH, Liu XZ, Cheng GS, Liu Y, Shi GM, Li K	National Key Laboratory of Antennas and Microwave Technology, Xidian University, Xi'an, China; Key Laboratory of Intelligent Computing and Signal Processing, Ministry of Education, Anhui University, Hefei, China; National Key Laboratory of Antennas and Microwave Technology, Xidian University, Xi'an, China; School of Artificial Intelligence, Xidian University, Xi'an, China; Huawei Technology Company Ltd., Xi'an, China	IEEE Transactions on Antennas and Propagation, Vol 70 (3), Mar 2022, pp. 1623-1631
Low-SAR MIMO Antenna Array Design Using Characteristic Modes for 5G Mobile Phones	2022-04	Zhang HH, Yu GG, Liu XZ, Cheng GS, Xu YX, Liu Y, Shi GM	National Key Laboratory of Antennas and Microwave Technology, Xidian University, Xi'an, China; Key Laboratory of Intelligent Computing and Signal Processing, Ministry of Education, Anhui University, Hefei, China; School of Artificial Intelligence, Xidian University, Xi'an, China	IEEE Transactions on Antennas and Propagation, Vol 70 (4), Apr 2022, pp. 3052-3057
Machine Learning Technique to Detect Radiations in the Brain	2021-12 published online	Gothai E, Baseera A, Prabu P, Venkatachalam K, Saravanan K, Sathishkumar S	Department of Computer Science and Engineering, Kongu Engineering College, Erode, India; School of Computing Science and Engineering, VIT Bhopal University, Bhopal, India; Department of Computer Science, CHRIST (Deemed to be University), Bangalore, India; Department of Computer Science and Engineering, CHRIST (Deemed to be University), Bangalore, India; Department of Computer Science and Engineering, Erode Sengunthar Engineering College, Thudupathi, India; Department of EEE, M.Kumarasamy College of Engineering, Karur, Tamilnadu, India	Computer Systems Science & Engineering, Vol 42 (1), published online Dez 2021, pp. 149-163
Magnetic field interactions between current consumer electronics and cardiac implantable electronic devices	2022-05 published online	Xu K, Sengupta J, Casey S, Peltier J, Stahl W, Peterson N, Settini D, Taylor A, Kippola J, Steele E, Hauser R	Heart Rhythm Science Center, Minneapolis Heart Institute and Foundation, Minneapolis, MN, USA; Heart Rhythm Science Center, Minneapolis Heart Institute and Foundation, Minneapolis, MN, USA; Medtronic, Inc., Minneapolis, MN, USA; Boston Scientific, Inc., St. Paul, MN, USA	Journal of Interventional Cardiac Electrophysiology, published online May 2022, pp. 1-7
Magnetic field-induced interactions between phones containing magnets and cardiovascular implantable electronic devices: Flip it to be safe?	2021-11	Lacour P, Dang PL, Heinzel FR, Parwani AS, Bähr F, Kucher A, Hohendanner F, Niendorf T, Rahimi F, Saha N, Han H, Rubarth K, Sherif M, Boldt LH, Pieske B, Blaschke F	Department of Internal Medicine and Cardiology, Charité-Universitätsmedizin Berlin, Campus Virchow-Klinikum, Berlin, Germany; DZHK (German Centre for Cardiovascular Research), Partner Site Berlin, Berlin, Germany; Biotronik SE & Co. KG, Berlin, Germany; Berlin Ultrahigh Field Facility (B.U.F.F.), Max Delbrück Center for Molecular Medicine in the Helmholtz Association, Berlin, Germany; Institute of Biometry and Clinical Epidemiology Charité-Universitätsmedizin Berlin, Berlin, Germany; Berlin Institute of Health at Charité-Universitätsmedizin Berlin, Berlin, Germany	Heart Rhythm, Vol 19 (3), Nov 2021, pp. 372-380
Mapping of static magnetic fields near the surface of mobile phones	2021-10	Zastko L, Makinistian L, Tvarožná A, Ferreyra FL, Belyaev I	Department of Radiobiology, Cancer Research Institute, Biomedical Research Center, University Science Park for Biomedicine, Slovak Academy of Sciences, Bratislava, Slovakia; Department of Physics, Universidad Nacional de San Luis (UNSL), San Luis, Argentina; Instituto de Física Aplicada (INFAP), Universidad Nacional de San Luis (UNSL-CONICET), San Luis, Argentina	Scientific Reports, Vol 11:19002, Oct 2021, pp. 1-10
Massive Measurements of 5G Exposure in a Town: Methodology and Results	2021-08	Chiaraviglio L, Lodovisi C, Franci D, Pavoncello S, Aureli T, Blefari-Melazzi N, Alouini MS	Department of Electronic Engineering, University of Rome Tor Vergata, Rome, Italy; Consorzio Nazionale Interuniversitario per le Telecomunicazioni, Parma, Italy; Agenzia per la Protezione Ambientale del Lazio, Rome, Italy; Computer, Electrical, and Mathematical Science and Engineering Division, King Abdullah University of Science and Technology, Thuwal, Makkah, Saudi Arabia	IEEE Open Journal of the Communications Society, Vol 2, Aug 2021, pp. 2029-2048
Measurement and Prediction of Indoor Wideband Electric Field Radiation	2021-09	Li R, Yue Y, Song X, Ji S	School of Electrical and Information Engineering, Beijing University of Civil Engineering and Architecture, Beijing, China	IEEE Transactions on Instrumentation and Measurement, Vol 70, Sept 2021, pp. 1-12
Measurement and Simulation-Based Exposure Assessment at a Far-Field for a Multitechnology Cellular Site up to 5G NR	2022-05	Elbasheir MS, Saeed RA, Edam S	School of Electronics Engineering, College of Engineering, Sudan University of Science and Technology, Khartoum, Sudan; Department of Computer Engineering, College of Computers and Information Technology, Taif University, Taif, Saudi Arabia	IEEE Access, Vol 10, May 2022, pp. 56888-56900
Measurements and Analysis of Personal Exposure to RF-EMF Inside and Outside School Buildings: A Case Study at a Kosovo School	2022-05	Hamiti E, Ahma L, Kukaj M, Maloku E	Department of Telecommunication, Faculty of Electrical and Computer Engineering, University of Prishtina, Prishtina, Kosovo	IEEE Access, Vol 10, May 2022, pp. 52866-52875

Medicinal plants in mitigating electromagnetic radiation-induced neuronal damage: a concise review	2021-08 published online	Raghu SV, Kudva AK, Rajanikant GK, Baliga MS	Neurogenetics Lab, Department of Applied Zoology, Mangalore University, Mangalagangothri, Karnataka, India; Department of Biochemistry, Mangalore University, Mangalagangothri, Karnataka, India; School of Biotechnology, National Institute of Technology Calicut, Calicut, Kerala, India; Research Unit, Mangalore Institute of Oncology, Pumpwell, Mangalore, Karnataka, India.	Electromagnetic Biology and Medicine, Vol 41 (1), published online Aug 2021, pp. 1-14
Methodology based on Vector and Scalar Measurement of Traffic Channel Power Levels to Assess Maximum Exposure to Electromagnetic Radiation generated by 5G NR Systems	2022-01	Adda S, Aureli T, Bastonero S, D'elia S, Franci D, Grillo E, Migliore MD, Pasquino N, Pavoncello S, Schettino F, Schiavoni A, Scotti R, Suman R, Vaccarone M	Dipartimento Rischi Fisici e Tecnologici, Arpa Piemonte, Ivrea, Italy; Agenzia per la Protezione Ambientale del Lazio (ARPA Lazio), Rome, Italy; Telecom Italia SpA, Turin, Italy; Vodafone Networks, Mobile Access Engineering, Vodafone Italia SpA, Ivrea, Italy; Dipartimento di Ingegneria Elettrica e dell'Informazione "Maurizio Scarano" (DIEI) and ELEDIA Research Center (ELEDIA@Unicas), University of Cassino and Southern Lazio, Cassino, Italy; National Inter-University Consortium for Telecommunications (CNIT), Parma, Italy; Dipartimento di Ingegneria Elettrica e delle Tecnologie dell'Informazione, Università degli Studi di Napoli Federico II, Napoli, Italy	IEEE Access, Vol 10, Jan 2022, pp. 12125-12136
Mobile phone carrying locations and risk perception of men: A cross-sectional study	2022-06 published online	Zelege BM, Brzozek C, Bhatt CR, Abramson MJ, Freudenstein F, Croft RJ, Wiedemann PM, Benke G	Centre for Population Health Research on Electromagnetic Energy (PRESEE), School of Public Health and Preventive Medicine, Monash University, Melbourne, Australia; Monash Centre for Occupational and Environmental Health, School of Public Health and Preventive Medicine, Monash University, Melbourne, Australia; School of Clinical Sciences at Monash Health, Melbourne, Australia; Australian Centre for Electromagnetic Bioeffects Research, Illawarra Health and Medical Research Institute, School of Psychology, University of Wollongong, Wollongong, Australia	PLoS One, Vol 17 (6), published online Jun 2022, pp. 1-10
Mobile phone electromagnetic radiation and the risk of headache: a systematic review and meta-analysis	2022-01 published online	Farashi S, Bashirian S, Khazaei S, Khazaei M, Farhadinasab A	Autism Spectrum Disorders Research Center, Hamadan University of Medical Sciences, Hamadan, Iran; Neurophysiology Research Center, Hamadan University of Medical Sciences, Hamadan, Iran; Health Sciences and Technology Research Institute, Hamadan University of Medical Sciences, Hamadan, Iran; Department of Public Health, School of Health, Social Determinants of Health Research Center, Hamadan University of Medical Sciences, Hamadan, Iran; Department of Epidemiology, School of Health, Hamadan University of Medical Sciences, Hamadan, Iran; Department of Neurology, School of Medicine, Hamadan University of Medical Sciences, Hamadan, Iran; Department of Psychiatry, School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran	International Archives of Occupational and Environmental Health, published online Jan 22, pp. 1-15
Mobile Phone Radiation Deflects Brain Energy Homeostasis and Prompts Human Food Ingestion	2022-01	Wardzinski EK, Jauch-Chara K, Haars S, Melchert UH, Scholand-Engler HG, Oltmanns KM	Section of Psychoneurobiology, Center of Brain, Behavior and Metabolism, University of Luebeck, Luebeck, Germany	Nutrients, Vol 14 (2):339, Jan 2022, pp. 1-12
Mobile Phone Radiations Effect on the Synchronization Between Heart and Brain	2022-01 published online	Pattnaik S, Dhaliwal BS, Pattnaik SS	ECE Department, SSIET, Dera Bassi, Punjab, India; National Institute of Technical Teachers' Training and Research, Chandigarh, India	Wireless Personal Communications, Vol 124, published online Jan 2022, pp. 3205-3234
Mobile Phone Use and Time Trend of Brain Cancer Incidence Rate in Korea	2021-12	Choi KH, Ha J, Bae S, Lee AK, Choi HD, Ahn YH, Ha M, Joo H, Kwon HJ, Jung KW	Department of Preventive Medicine, Dankook University College of Medicine, Cheonan, Republic of Korea; Division of Cancer Registration and Surveillance, National Cancer Control Institute, National Cancer Center, Goyang, Republic of Korea; Department of Preventive Medicine, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea; Radio Technology Research Department, ETRI, Daejeon, Republic of Korea; Department of Neurosurgery, Ajou University School of Medicine, Ajou University Hospital, Suwon, Republic of Korea	Bioelectromagnetics, Vol 42 (8), Dec 2021, pp. 1-20
Modulation of magnetoencephalography alpha band activity by radiofrequency electromagnetic field depicted in sensor and source space	2021-12	Wallace J, Yahia-Cherif L, Gitton C, Hugueville L, Lemaréchal JD, Selmaoui B	Department of Experimental Toxicology and Modeling (TEAM), Institut National de l'Environnement Industriel et des Risques (INERIS), Verneuil-en-Halatte, France; PérTox Laboratory, UMR-I 01 INERIS, Université de Picardie Jules Verne, Amiens, France; Centre De NeuroImagerie De Recherche (CENIR), Institut du Cerveau et de la Moelle épinière (ICM), Paris, France; Inserm U 1127, CNRS UMR 7225, Institut du Cerveau et de la Moelle épinière (ICM), Sorbonne Université, Paris, France	Scientific Reports, Vol 11: 23403, Dez 2021, pp. 1-17
Multi-Hop D2D Communication in Cellular Networks to Minimize EMR	2022-06	Das A, Das N, Barman AD	Advanced Computing and Microelectronics Unit, Indian Statistical Institute, Kolkata, India; Institute of Radio Physics and Electronics, University of Calcutta, Kolkata, India	IEEE Transactions on Green Communications and Networking, Vol 6 (2), Jun 2022, pp. 712-722
Multiple Elements MIMO Antenna System with Broadband Operation for 5th Generation Smart Phones	2022-04	Kiani SH, Iqbal A, Wong SW, Savci HS, Alibakhshikenari M, Dalarsson M	Department of Electrical Engineering, IIC University of Technology, Phnom Penh, Cambodia; Smart Systems Engineering Laboratory, College of Engineering, Prince Sultan University, Riyadh, Saudi Arabia; Institut National de la Recherche Scientifique (INRS), Montreal, QC, Canada; College of Electronics and Information Engineering, Shenzhen University, Shenzhen, China; Electrical and Electronics Engineering Department, Istanbul Medipol University, Istanbul, Turkey; Department of Signal Theory and Communications, Universidad Carlos III de Madrid, Madrid, Spain; School of Electrical Engineering and Computer Science, KTH Royal Institute of Technology, Stockholm, Sweden	IEEE Access, Vol 10, Apr 2022, pp. 38446-38457
No Alteration Between Intrinsic Connectivity Networks by a Pilot Study on Localized Exposure to the Fourth-Generation Wireless Communication Signals	2022-01	Yang L, Liu Q, Zhou Y, Wang X, Wu T, Chen Z	China Academy of Information and Communications Technology, Beijing, China; Hainan Hospital of Chinese People's Liberation Army General Hospital, Hainan, China	Frontiers in Public Health, Vol 9:734370, Jan 2022, pp. 1-11

Numerical Computation of SAR in Human Head with Transparent Shields Using Transmission Line Method	2021-09	Spandana PS, Jayasree PVY	Department of Electronics and Communication Engineering, GITAM Deemed to be University, Visakhapatnam, India	Progress In Electromagnetics Research M, Vol 105, Sep 2021, pp. 31-44
Numerical Modeling of Smartphones with WCDMA, LTE, and WLAN Bands for Epidemiological Studies	2022-01 published online	Lee J, Lee AK, Hong SE, Choi HD, Jung KY	Department of Electronic Engineering, Hanyang University, Seoul, Korea; Radio Technology Research Department, Electronics and Telecommunications Research Institute (ETRI), Daejeon, Korea	Journal of Electromagnetic Engineering and Science, Vol 22 (1), published online Jan 2022, pp. 41-47
Nutzung von Mobiltelefonen und Verlauf der Gliom-Inzidenz seit 1979	2022-06	Schüz J, Deltour I	International Agency for Research on Cancer (IARC/WHO), Lyon, France	Bundesamt für Strahlenschutz, Jun 2022, pp. 1-70
On Actual Maximum Exposure From 5G Multicolumn Radio Base Station Antennas for Electromagnetic Field Compliance Assessment	2021-10	Xu B, Colombi D, Tömevik C, Ghasemifard F, Chen J	IEEE	IEEE Transactions on Electromagnetic Compatibility, Vol 63 (5), Oct 2021, pp. 1680-1689
Oxidative damage in the liver and brain of the rats exposed to frequency-dependent radiofrequency electromagnetic exposure: biochemical and histopathological evidence	2021-08 published online	Shama A, Shrivastava S, Shukla S	UNESCO-Trace Element Satellite Centre, School of Studies in Zoology, Jiwaji University, Gwalior, India	Free Radical Research, Vol 55 (5), published online Aug 2021, pp. 535-546
Perceptions and Experiences About Device Emitted Radiofrequency Radiation and Its Effects on Selected Brain Health Parameters in Southwest Nigeria	2021-09 published online	Owolabi J, Ilesanmi OS, Luximon-Ramma A	Anatomy/Neuroscience, Babcock University, Ilishan-Remo, Nigeria; Anatomy/Neuroscience, University of Global Health Equity, Kigali, Rwanda; Community Medicine, University of Ibadan, Ibadan, Nigeria; Health Sciences, University of Technology, Port Louis, Mauritius	Cureus, Vol 13 (9): 18211, published online Sep 2021, pp. 1-12
Personal radiofrequency electromagnetic field exposure of adolescents in the Greater London area in the SCAMP cohort and the association with restrictions on permitted use of mobile communication technologies at school and at home	2022-04 published online	Schmutz C, Bürgler A, Ashta N, Soenksen J, Bou Karim Y, Shen C, Smith RB, Jenkins RH, Mireku MO, Mutz J, Maes MJA, Hirst R, Chang I, Fleming C, Mussa A, Kesary D, Addison D, Maslanyj M, Toledano MB, Rööslä M, Eeftens M	Swiss Tropical and Public Health Institute, Basel, Switzerland; University of Basel, Basel, Switzerland; MRC Centre for Environment and Health, Department of Epidemiology and Biostatistics, School of Public Health, Imperial College London, United Kingdom; National Institute for Health Research Health Protection Research Units in Environmental Exposures and Health & Chemical and Radiation Threats and Hazards, in partnership with UK Health Security Agency (UKHSA), Imperial College London, United Kingdom; Mohn Centre for Children's Health and Wellbeing, School of Public Health, Imperial College London, United Kingdom; Public Health Policy Evaluation Unit, Department of Primary Care and Public Health, School of Public Health, Imperial College London, Charing Cross Campus, The Reynolds Building, St Dunstan's Road, London, United Kingdom; und weitere	Environmental Research, Vol 212 B:113252, published online Apr 2022, pp. 1-12
Physiological changes and symptoms associated with short-term exposure to electromagnetic fields: a randomized crossover provocation study	2022-03	Huang PC, Chiang JC, Cheng YY, Cheng TJ, Huang CY, Chuang YT, Hsu T, Guo HR	Department of Environmental and Occupational Health, College of Medicine, National Cheng Kung University, Tainan, Taiwan; Department of Family Medicine, Chang Gung Memorial Hospital-Kaohsiung Medical Center, Chang Gung University College of Medicine, Kaohsiung, Taiwan; Department of Occupational Medicine, Chi-Mei Medical Center, Tainan, Taiwan; Tainan Science-Based Industrial Park Clinic, Chi-Mei Medical Center, Tainan, Taiwan; Department of Occupational and Environmental Medicine, National Cheng Kung University Hospital, Tainan, Taiwan; Occupational Safety, Health, and Medicine Research Center, National Cheng Kung University, Tainan, Taiwan	Environmental Health, Vol 21 (31), Mar 2022, pp. 1-10
Possible health effects on the human brain by various generations of mobile telecommunication: a review based estimation of 5G impact	2022-01 published online	Hinrikus H, Koppel T, Lass J, Orru H, Roosipuu P, Bachmann M	Department of Health Technologies, School of Information Technologies, Tallinn University of Technology, Tallinn, Estonia; Department of Business Administration, School of Business and Governance, Tallinn University of Technology, Tallinn, Estonia; Department of Public Health, Institute of Family Medicine and Public Health, Faculty of Medicine, University of Tartu, Tartu, Estonia; Thomas Johann Seebeck Department of Electronics, School of Information Technologies, Tallinn University of Technology, Tallinn, Estonia	International Journal of Radiation Biology, Vol 98 (7), published online Jan 2022, pp. 1210-1221
Power Absorption and Skin Temperature Rise From Simultaneous Near-Field Exposure at 2 and 28 GHz	2021-11	Miura N, Kodera S, Diao Y, Higashiyama J, Suzuki Y, Hirata A	Department of Electrical and Mechanical Engineering, Nagoya Institute of Technology, Nagoya, Japan; Department of 6G Laboratories, NTT DOCOMO, INC., Yokosuka, Kanagawa, Japan; Center of Biomedical Physics and Information Technology, Nagoya Institute of Technology, Nagoya, Japan	IEEE Access, Vol 9, Nov 2021, pp. 152140-152149
Psychological and Emotional Effects of Digital Technology on Children in COVID-19 Pandemic	2021-08	Limone P, Toto GA	Department of Humanistic Studies, University of Foggia, Foggia, Italy	Brain Sciences, Vol 11 (9): 1126, Aug 2021, pp. 1-10
Public Engagement with Science in Everyday Life: Perceptions of Wi-Fi Radiation Risks in Schools	2021-10	Dalyot K, Sharon AJ, Orr D, Ben-David YB, Baram-Tsabari A	Faculty of Education in Science and Technology, Technion – Israel Institute of Technology, Haifa, Israel	Research in Science Education, Vol 51 (Suppl 2), Oct 2021, pp. 1035-1054
Radiofrequency electromagnetic field (RF-EMF) exposure levels from mobile and portable devices during different conditions of use	2021-12	International Telecommunication Union (ITU)	International Telecommunication Union (ITU)	ITU-T Recommendations K-Series, Supplement 13 (12/2021), Dez 2021, pp. 1-30
Radiofrequency Exposure Levels from Mobile Phone Base Stations in Outdoor Environments and an Underground Shopping Mall in Japan	2021-07	Onishi T, Ikuyo M, Tobita K, Liu S, Taki M, Watanabe S	National Institute of Information and Communications Technology, Tokyo, Japan	International Journal of Environmental Research and Public Health, Vol 18 (15):8068, Jul 2021, pp. 1-10
RE: Cellular Telephone Use and the Risk of Brain Tumors: Update of the UK Million Women Study	2022-06	Birnbaum LS, Taylor HS, Baldwin H, Ben-Ishai P, Davis D	National Institute of Environmental Health Sciences and National Toxicology Program and Nicholas School of the Environment, Duke University, Durham, NC, USA; Department of Obstetrics, Gynecology, and Reproductive Sciences, Yale School of Medicine, New Haven, CT, USA; Neuroscience Solutions, LLC; Tucson, AZ, USA; Department of Physics, Ariel University, Ariel, Israel; Department of Applied Physics, Hebrew University, Jerusalem, Israel; Ondokuz Mayıs University, Samsun, Turkey	Journal of the National Cancer Institute, Jun 2022, pp. 1-4
RE: Cellular Telephone Use and the Risk of Brain Tumors: Update of the UK Million Women Study (Moskowitz JM)	2022-06	Moskowitz JM	School of Public Health, University of California, Berkeley, CA, USA	Journal of the National Cancer Institute, Jun 2022, pp. 1-4

Response to Moskowitz and Birnbaum, Taylor, Baldwin et al	2022-06	Schüz J, Pirie K, Reeves GK, Floud S, Beral V	International Agency for Research on Cancer (IARC/WHO), Environment and Lifestyle Epidemiology Branch, Lyon, France; Cancer Epidemiology Unit, Nuffield Department of Population Health, University of Oxford, Oxford, UK	Journal of the National Cancer Institute, Jun 2022, pp. 1-4
Response to the comments on: "What is the radiation before 5G? A correlation study between measurements in situ and in real time and epidemiological indicators in Vallecas, Madrid"	2022-05	López I, Félix N, Alonso A, Rivera M, Maestú C	Polytechnic University of Madrid, UPM, Madrid, Spain; Biomedical Technology Center, CTB, Madrid, Spain; Autonomous University of Madrid, UAM, Madrid, Spain; Biomedical Technology Center, CTB, Madrid, Spain	Environmental Research, Vol 208:112193, May 2022, pp. 1-3
Response to: "What is the radiation before 5G? A correlation study between measurements in situ and in real time and epidemiological indicators in Vallecas, Madrid"	2022-05	Jalilian H, Soltanzadeh A, de Vocht F	Department of Occupational Health Engineering, Research Center for Environmental Pollutants, Faculty of Health, Qom University of Medical Sciences, Qom, Iran; Population Health Sciences, Bristol Medical School, University of Bristol, Bristol, United Kingdom	Environmental Research, Vol 208:112306, May 2022, pp. 1-2
Review of the scientific evidence on the individual sensitivity to electromagnetic fields (EHS)	2021-07 published online	Leszczynski D	The Finnish Electrosensitivity Foundation (Sähköherkkyysäätiö), Helsinki, Finland	Reviews on Environmental Health, published online Jul 2021, pp. 1-28
RF-EMF Exposure Measurement for 5G over mm-Wave Base Station with MIMO Antenna	2022-01	Wali SQ, Sali A, Allami JK, Osman AF	WiPNET Research Centre, Department of Computer and Communication Systems Engineering, Faculty of Engineering, Universiti Putra Malaysia (UPM), Serdang, Selangor, Malaysia; Rohde & Schwarz, PAT SQUARE, Shah Alam, Selangor, Malaysia	IEEE Access, Vol 10, Jan 2022, pp. 9048-9058
Risk of Accidents or Chronic Disorders From Improper Use of Mobile Phones: A Systematic Review and Meta-analysis	2022-01	Cao X, Cheng Y, Xu C, Hou Y, Yang H, Li S, Gao Y, Jia P, Wang Y	School of Public Health, Tianjin Medical University, Tianjin, China; School of Public Administration, Nanjing Normal University, Nanjing, China; Tianjin Medical University General Hospital, Tianjin Medical University, Tianjin, China; School of Resource and Environmental Sciences, Wuhan University, Wuhan, China; International Institute of Spatial Lifecourse Epidemiology (ISLE), Wuhan University, Wuhan, China.	Journal of Medical Internet Research, Vol 24 (1):e21313, Jan 2022, pp. 1-16
Role of 2.4 GHz radiofrequency radiation emitted from Wi-Fi on some miRNA and fatty acids composition in brain	2022-04 published online	Dasdag S, Akdag MZ, Bashan M, Kizmaz V, Erdal N, Emin Erdal M, Tughan Kiziltug M, Yegin K	Biophysics Department of Medical School of Istanbul Medeniyet University, Istanbul, Turkey; Biophysics Department of Medical School of Dicle University, Diyarbakir, Turkey; Biology Department of Faculty of Science, Dicle University, Diyarbakir, Turkey; Vocational Higher School of Healthcare Studies Medical Laboratory Techniques of Artuklu University, Mardin, Turkey; Biophysics Department of Medical, School of Mersin University, Mersin, Turkey; Medical Biology Department of Medical, School of Mersin University, Mersin, Turkey; Electric and Electronic Engineer Faculty, Ege University, Izmir, Turkey	Electromagnetic Biology and Medicine, Vol 41 (3) published online April 2022, pp. 281-292
SAR and thermal distribution of pregnant woman and child inside elevator cabin	2022-03 published online	Karatsi I, Bakogianni S, Koulouridis S	Electrical and Computer Engineering Department, University of Patras, Polytechnic School, Patras, Greece; Electrical and Computer Engineering Department, University of Patras, Polytechnic School, Patras, Greece; Electrical and Computer Engineering Department, University of Patras, Polytechnic School, Patras, Greece	International Journal of Microwave and Wireless Technologies, published online Mar 2022, pp. 1-14
Several case studies on electric field distributions for two human bodies inside the car at 3.5 GHz-5G frequency band	2021-12	Akdogan H, Tabatadze V, Karacuha K, Yaldiz E	Turkish Standard Institute, Gebze, Kocaeli, Turkey; Informatics Institute, Istanbul Technical University, Istanbul, Turkey; Tbilisi State University, Tbilisi, Georgia; Samtskhe-Javakheti State University, Akhaltsikhe, Georgia; Konya Technical University, Konya, Turkey	International Journal of Applied Electromagnetics and Mechanics, Vol 67 (4), Dez 2021, pp. 507-520
Simultaneous exposure to electromagnetic field from mobile phone and unimpeded fructose drinking during pre-, peri-, and post-pubertal stages perturbs the hypothalamic and hepatic regulation of energy homeostasis by early adulthood: experimental evidence	2021-09 published online	Tripathi R, Banerjee SK, Nirala JP, Mathur R	Department of Pharmacology, Delhi Institute of Pharmaceutical Sciences & Research, New Delhi, India; Drug Discovery Research Centre, Translational Health Science and Technology Institute, Faridabad, India; Current Address: Department of Biotechnology, National Institute of Pharmaceutical Education and Research, Guwahati, India; School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, India	Environmental Science and Pollution Research, Vol 29 (5), published online Sep 2021, pp. 7438-7451
Specific absorption rate reduction for sub-6 frequency range using polarization dependent metamaterial with high effective medium ratio	2022-02	Ramachandran T, Faruque MRI, Islam MT	Space Science Center (ANGKASA), Universiti Kebangsaan Malaysia, UKM, Bangi, Selangor, Malaysia; Dept. of Electrical, Electronic & Systems Engineering, Universiti Kebangsaan Malaysia, UKM, Bangi, Selangor, Malaysia	Nature, Vol 12:1803, Feb 2022, pp. 1-18
Static magnetic field measurements of smart phones and watches and applicability to triggering magnet modes in implantable pacemakers and implantable cardioverter-defibrillators	2021-08	Seidman SJ, Guag J, Beard B, Arp Z	Office of Science and Engineering Labs, Center for Devices and Radiological Health, US Food and Drug Administration, Silver Spring, Maryland	Heart Rhythm, Vol 18 (10), Aug 2021, pp. 1741-1744
Stochastic Geometry Analysis of Electromagnetic Field Exposure in Coexisting Sub-6 GHz and Millimeter Wave Networks	2021-08	Muhammad NA, Seman N, Apandi NIA, Han CT, Li Y, Elijah O	Wireless Communication Centre, School of Electrical Engineering, Universiti Teknologi Malaysia (UTM), Johor Bahru, Malaysia; Faculty of Electrical Engineering, Universiti Teknikal Malaysia Melaka (UTeM), Durian Tunggal, Melaka, Malaysia; School of Electrical and Information Engineering, The University of Sydney, Australia; Peng Cheng Laboratory, Shenzhen, China	IEEE Access, Vol 9, Aug 2021, pp. 112780-112791
Study of the 5G contribution to exposure of the general public to electromagnetic waves	2021-12	French National Frequency Agency (ANFR)	French National Frequency Agency (ANFR)	French National Frequency Agency (ANFR), Dez 2021, pp. 1-25
Systematic review of the physiological and health-related effects of radiofrequency electromagnetic field exposure from wireless communication devices on children and adolescents in experimental and epidemiological human studies	2022-06 published online	Bodewein L, Dechent D, Graefrath D, Kraus T, Krause T, Driessen S	Research Center for Bioelectromagnetic Interaction (femu)-Institute for Occupational, Social and Environmental Medicine, Medical Faculty, RWTH Aachen University, Aachen, Germany	PLoS One, Vol 1:17(6), published online Jun 2022, pp. 1-26

<p>The detrimental effect of cell phone radiation on sperm biological characteristics in normozoospermic</p>	<p>2022-02</p>	<p>Hassanzadeh-Taheeri M, Khalili MA, Hosseinejad Mohebbati A, Zardast M, Hosseini M, Palmerini MG, Doostabadi MR</p>	<p>Department of Anatomy, Faculty of Medicine, Birjand University of Medical Sciences, Birjand, Iran; Cellular and Molecular Research Center, Birjand University of Medical Sciences, Birjand, Iran; Research, and Clinical Center for Infertility, Yazd Reproductive Sciences Institute, Shahid Sadoughi University of Medical Sciences, Yazd, Iran; Legal Medicine Research Center, Legal Medicine Organization, Tehran, Iran; Department of Pathology, Birjand University of Medical Sciences, Birjand, Iran; Department of Life, Health and Environmental Sciences, University of L'Aquila, L'Aquila, Italy; Royesh Infertility Center, Birjand University of Medical Science, Birjand, Iran</p>	<p>Andrologia, Vol 54 (1):e14257, Feb 2022, pp. 1-7</p>
<p>The Dynamics of the Radiated Field Near a Mobile Phone Connected to a 4G or 5G Network</p>	<p>2021-12 published online</p>	<p>Deaconescu DB, Buda AM, Vatamanu D, Miclaus S</p>	<p>Doctoral School of Electrical Engineering, Technical University of Cluj-Napoca, Romania; Nicolae Balcescu Land Forces Academy Politehnica University of Bucharest, Romania; Faculty of Engineering, Lucian Blaga University Nicolae Balcescu Land Forces Academy, Romania; Nicolae Balcescu Land Forces Academy, Romania</p>	<p>Engineering, Technology & Applied Science Research, Vol 12 (1), published online Dez 2021, pp. 8101-8106</p>
<p>The effect of 4.5 G (LTE Advanced-Pro network) mobile phone radiation on the optic nerve</p>	<p>2021-07 published online</p>	<p>Özdemir E, Çömelekoglu Ü, Degimenci E, Bayrak G, Yildirim M, Ergenoglu T, Coşkun Yılmaz B, Korunur Engiz B, Yalin S, Koyuncu DD, Ozbay E</p>	<p>Department of Biophysics, Faculty of Medicine, Mersin University, Mersin, Turkey; Department of Electrical and Electronics Engineering, Faculty of Engineering, Mersin University, Mersin, Turkey; Department of Histology-Embryology, Faculty of Medicine, Mersin University, Mersin, Turkey; Department of Biochemistry, Faculty of Pharmacy, Mersin University, Mersin, Turkey; Department of Physiology, Faculty of Medicine, Mersin University, Mersin, Turkey; Department of Electrical and Electronics Engineering, Faculty of Engineering, Samsun Ondokuz Mayıs University, Samsun, Turkey; Vocational School of Health Service, Karamanoğlu Mehmetbey University, Karaman, Turkey</p>	<p>Cutaneous and Ocular Toxicology, Vol 40 (3), published online Jul 2021, pp. 198-206</p>
<p>The effect of exposure to radiofrequency electromagnetic fields on cognitive performance in human experimental studies: A protocol for a systematic review</p>	<p>2021-12</p>	<p>Pophof B, Burns J, Danker-Hopfe H, Dom H, Eglblomassé-Roidl C, Eggert T, Fuks K, Henschenmacher B, Kuhne J, Sauter C, Schmid G</p>	<p>Federal Office for Radiation Protection, Competence Centre EMF, Oberschleißheim, Germany; Institute for Medical Information Processing, Biometry and Epidemiology (IBE), LMU Munich, Germany; Charité – Universitätsmedizin Berlin, Corporate Member of Freie Universität Berlin and Humboldt-Universität zu Berlin, Competence Centre of Sleep Medicine, Berlin, Germany; Seibersdorf Laboratories, Austria</p>	<p>Environment International, Vol 157:106783, Dec 2021, pp. 1-10</p>
<p>The effect of exposure to radiofrequency fields on cancer risk in the general and working population: A protocol for a systematic review of human observational studies</p>	<p>2021-12</p>	<p>Lagorio S, Blettner M, Baaken D, Feychting M, Karipidis K, Loney T, Orsini N, Röösli M, Paulo MS, Elwood M</p>	<p>Department of Oncology and Molecular Medicine, National Institute of Health (Istituto Superiore di Sanità), Rome, Italy; Institute of Medical Biostatistics, Epidemiology and Informatics (IMBEI), University of Mainz, Germany; Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden; Australian Radiation Protection and Nuclear Safety Agency (ARPANSA), Yallambie, VIC, Australia; College of Medicine, Mohammed Bin Rashid University of Medicine and Health Sciences, Dubai, United Arab Emirates; Department of Global Public Health, Karolinska Institutet, Stockholm, Sweden; Swiss Tropical and Public Health Institute, Basel, Switzerland; University of Basel, Basel, Switzerland; Institute of Public Health, College of Medicine and Health Sciences, United Arab Emirates University, Al Ain, United Arab Emirates; University of Auckland, New Zealand</p>	<p>Environment International, Vol 157:106828, Dec 2021, pp. 1-17</p>
<p>The effect of long-term radiofrequency exposure on cognition in human observational studies: A protocol for a systematic review</p>	<p>2022-01</p>	<p>Benke G, Abramson MJ, Zeleke BM, Kaufman J, Karipidis K, Kelsall H, McDonald S, Brzozek C, Feychting M, Brennan S</p>	<p>Monash University, Melbourne, Australia; Swinburne University, Melbourne, Australia; ARPANSA, Melbourne, Australia; Karolinska Institutet, Stockholm, Sweden</p>	<p>Environment International, Vol 159:106972, Jan 2022, pp. 1-10</p>
<p>The Effect of Mobile Radiation on the Oxidative Stress Biomarkers in Pregnant Mice</p>	<p>2021-09</p>	<p>Moghadasi N, Alimohammadi I, Safari Variani A, Ashtarinezhad A</p>	<p>Department of Occupational Health Engineering, School of Public Health, Iran University of Medical Sciences, Tehran, Iran; Department of Occupational Health Engineering, School of Public Health, Qazvin University of Medical Sciences, Qazvin, Iran</p>	<p>Journal of Family and Reproductive Health, Vol 15 (3), Sep 2021, pp. 172-178</p>
<p>The effects of radiofrequency electromagnetic fields exposure on human self-reported symptoms: A protocol for a systematic review of human experimental studies</p>	<p>2022-01</p>	<p>Bosch-Capblanch X, Esu E, Dongus S, Oringanje CM, Jalilian H, Eyers J, Oftedal G, Meremikwu M, Röösli M</p>	<p>Department of Public Health, College of Medical Sciences, University of Calabar, Calabar, Nigeria; Swiss Tropical and Public Health Institute, Basel, Switzerland; University of Basel, Basel, Switzerland; Department of Biology, College of Art & Sciences, Xavier University, Cincinnati, OH, United States; Department of Occupational Health Engineering, Research Center for Environmental Pollutants, Faculty of Health, Qom University of Medical Sciences, Qom, Iran; Independent Consultant & Senior Research Fellow, London, UK; Department of Electronic Systems, Norwegian University of Science and Technology - NTNU, Trondheim, Norway; Faculty of Medicine, College of Medical Sciences, University of Calabar, Calabar, Nigeria</p>	<p>Environment International, Vol 158:106953, Jan 2022, pp. 1-9</p>
<p>The effects of radiofrequency electromagnetic fields exposure on tinnitus, migraine and non-specific symptoms in the general and working population: A protocol for a systematic review on human observational studies</p>	<p>2021-12</p>	<p>Röösli M, Dongus S, Jalilian H, Feychting M, Eyers J, Esu E, Oringanje CM, Meremikwu M, Bosch-Capblanch X</p>	<p>Swiss Tropical and Public Health Institute, Basel, Switzerland; University of Basel, Basel, Switzerland; Department of Occupational Health Engineering, Research Center for Environmental Pollutants, Faculty of Health, Qom University of Medical Sciences, Qom, Iran; Unit of Epidemiology, Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden; International Initiative for Impact Evaluation; London; United Kingdom; Department of Public Health, College of Medical Sciences, University of Calabar, Calabar, Nigeria; Department of Biology, College of Art & Sciences, Xavier University, Cincinnati, OH, USA; Faculty of Medicine, College of Medical Sciences, University of Calabar, Calabar, Nigeria</p>	<p>Environment International, Vol 157:106852, Dez 2021, pp. 1-11</p>

The effects of radiofrequency exposure on male fertility and adverse reproductive outcomes: A protocol for two systematic reviews of human observational studies with meta-analysis	2022-01	Kenny RPW, Millar EB, Adesanya A, Richmond C, Beyer F, Calderon C, Rankin J, Toledano M, Feychting M, Pearce MS, Craig D, Pearson F	Evidence Synthesis Group, Population Health Sciences Institute, Newcastle University, UK; Maternal & Child Health Group, Population Health Sciences Institute, Newcastle University, UK; UK Health Security Agency, Chilton, Didcot, UK; Mohn Centre, Imperial College London, UK; Karolinska Institutet, Sweden	Environment International, Vol 158:106968, Jan 2022, pp. 1-10
The effects of wireless devices on male reproductive health: A literature overview	2021-12 published online	Sterling L, Harris L.R., Carroll K.	The Department of Physics, Faculty of Science and Technology, The University of The West Indies, Kingston, Jamaica; The Hugh Wynter Fertility Management Unit, Faculty of Medical Sciences, The University of The West Indies, Kingston, Jamaica	Revista Internacional de Andrología, Vol 20 (3), published online Dez 2021, pp. 196-206
The influence of Maslow's hammer. Response to: electromagnetic hypersensitivity close to mobile phone base stations - a case study in Stockholm, Sweden	2022-04 published online	de Vocht F	Population Health Sciences, Bristol Medical School, University of Bristol, Bristol, UK.	Reviews on Environmental Health, published online Apr 2022, pp. 1-2
Three Quarters of a Century of Research on RF Exposure Assessment and Dosimetry - What Have We Learned?	2022-02	Foster KR, Ziskin MC, Balzano Q	Department of Bioengineering, University of Pennsylvania, Philadelphia, PA, USA; Department of Radiology, Temple University Medical School, Philadelphia, PA, USA.; Department of Electrical and Computer Engineering, University of Maryland, College Park, MD, USA	International Journal of Environmental Research and Public Health, Vol 19 (4):2067, Feb 2022, pp. 1-10
Threshold of radiofrequency electromagnetic field effect on human brain	2021-08 published online	Hinrikus H, Lass J, Bachmann M	Tallinn University of Technology, Tallinn, Estonia	International Journal of Radiation Biology, Vol 97 (11), published online Aug 2021, pp. 1505-1515
Transcriptomic Profile Reveals Deregulation of Hearing-Loss Related Genes in Vestibular Schwannoma Cells Following Electromagnetic Field Exposure	2021-07	Colciago A, Audano M, Bonalume V, Melfi V, Mohamed T, Reid AJ, Faroni A, Greer PA, Mitro N, Magnaghi V	Department of Pharmacological and Biomolecular Sciences, Università Degli Studi di Milano, Milan, Italy; Blond McIndoe Laboratories, Division of Cell Matrix Biology and Regenerative Medicine, School of Biological Sciences, Faculty of Biology Medicine and Health, University of Manchester, Manchester Academic Health Science Centre, Manchester, UK; Department of Plastic Surgery & Burns, Wythenshawe Hospital, Manchester University NHS Foundation Trust, Manchester Academic Health Science Center, Manchester, UK; Department of Pathology and Molecular Medicine, Queen's University, Kingston, Canada	Cells, Vol 10 (7):1840, Jul 2021, pp. 1-14
Umweltradioaktivität und Strahlenbelastung im Jahr 2018 - Parlamentsbericht 2018	2021-10 published online	Bundesministerium für Umwelt, Naturschutz und nukleare Sicherheit (BMU)	Bundesministerium für Umwelt, Naturschutz und nukleare Sicherheit (BMU), Bundesamt für Strahlenschutz	BMU, Umweltradioaktivität und Strahlenbelastung im Jahr 2018, published online Oct 2021, pp. 1-59
Umweltradioaktivität und Strahlenbelastung: Jahresbericht 2019	2022-04 published online	Bundesministerium für Umwelt, Naturschutz und nukleare Sicherheit (BMU)	Bundesministerium für Umwelt, Naturschutz und nukleare Sicherheit (BMU), Bundesamt für Strahlenschutz	BMU, Umweltradioaktivität und Strahlenbelastung Jahresbericht 2019, published online Apr 2022, pp. 1-371
Very high radiofrequency radiation at Skeppsbron in Stockholm, Sweden from mobile phone base station antennas positioned close to pedestrians' heads	2022-05	Koppel T, Ahonen M, Carlberg M, Hardell L	Tallinn University of Technology, Tallinn, Estonia; Päivölä Institute, Finland; The Environment and Cancer Research Foundation, Örebro, Sweden	Environmental Research, Vol 208:112627, May 2022, pp. 1-8
What evidence exists on the impact of anthropogenic radiofrequency electromagnetic fields on animals and plants in the environment? A systematic map protocol	2021-12	Karipidis K, Brzozek C, Bhatt CR, Loughran S, Wood A	Australian Radiation Protection and Nuclear Safety Agency, Melbourne, Australia; School of Health Sciences, Swinburne University of Technology, Melbourne, Australia	Environmental Evidence, Vol 10 (39), Dez 2021, pp. 1-9
Wireless Electromagnetic Radiation Assessment Based on the Specific Absorption Rate (SAR): A Review Case Study	2022-02	Abdul-Al M, Amar ASI, Eifergani I, Littlehales R, Ojaroudi Parchin N, Al-Yasir Y, See CH, Zhou D, Zainal Abidin Z, Alibakhshikenari M, Zebiri C, Elmegri F, Abusitta M, Ullah A, Abdussalam FMA, Rodriguez J, McEwan NJ, Noras JM, Hodgetts R, Abd-Alhameed RA	Faculty of Engineering and Informatics, University of Bradford, Bradford, UK; Faculty of Engineering, Ain Shams University, Abassia, Cairo, Egypt; Instituto de Telecomunicações, Campus Universitário de Santiago, Aveiro, Portugal; SARGard Ltd., Harrogate, UK; School of Engineering and the Built Environment, Edinburgh Napier University, Edinburgh, UK; Honor Device Company Ltd., Shenzhen, China; Faculty of Electrical & Electronic Engineering, Universiti Tun Hussein Onn Malaysia, Batu Pahat, Malaysia; Department of Signal Theory and Communications, Universidad Carlos III de Madrid, Leganés, Madrid, Spain; Laboratoire d'Electronique de Puissance et Commande Industrielle (LEPCI), Department of Electronics, University of Ferhat Abbas, Algeria; Information and Communication Engineering Department, Basrah University College of Science and Technology, Basrah, Iraq	Electronics, Vol 11 (4):511, Feb 2022, pp. 1-31
Wireless phone use in childhood and adolescence and neuroepithelial brain tumours: Results from the international MOBI-Kids study	2022-02	Castaño-Vinyals G, Sadetzki S, Vermeulen R, Momoli F, Kundi M, Merletti F, Maslanyj M, Calderon C, Wiart J, Lee AK, Taki M, Sim M, Armstrong B, Benke G, Schattner R, Hutter HP, Krewski D, Mohipp C, Ritvo P, Spinelli J, Lacour B, Remen T, Radon K, Weinmann T, und weitere	Barcelona Institute of Global Health (ISGlobal), Barcelona, Spain; University Pompeu Fabra, Barcelona, Spain; CIBER Epidemiologia y Salud Pública, Madrid, Spain; IMIM (Hospital del Mar Medical Research Institute), Barcelona, Spain; Cancer & Radiation Epidemiology Unit, Gertner Institute for Epidemiology & Health Policy Research, Sheba Medical Center, Tel-Hashomer, Israel; Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel; Ministry of Health, Jerusalem, Israel; Institute for Risk Assessment Sciences (IRAS), Utrecht University, Utrecht, the Netherlands; School of Epidemiology and Public Health, University of Ottawa, Canada; Risk Science International, Ottawa, Canada; Department of Environmental Health, Center for Public Health, Medical University Vienna, Austria; Cancer Epidemiology Unit, Department of Medical Sciences, University of Turin and CPO-Piemonte, Turin, Italy; UK Health Security Agency, Didcot, UK; Laboratoire de Traitement et Communication de l'Information (LTCI), Telecom Paris, Institut Polytechnique de Paris, France; und weitere	Environment International, Vol 160:107069, Feb 2022, pp. 1-20

Effect of exposure from iPhone 12 on programmable ventriculoperitoneal shunts	2022-01 published online	Kumar A, Pervaiz A, Borg A, Abdul-Hamid A, Jeyaretna S, MacKeith S, Qureishi A	Faculty of Medical and Dental Education, Royal Berkshire Hospital NHS Trust, Reading, UK; Department of Ear, Nose and Throat, Oxford University Hospitals NHS Trust, Oxford, UK; Department of Neurosurgery, Oxford University Hospitals NHS Trust, Oxford, UK; Department of Ear, Nose and Throat, Royal Berkshire Hospital NHS Trust, Reading, UK	British Journal of Neurosurgery, published online Jan 2022, pp. 1-5
Effects of Radiofrequency Electromagnetic Field (RF-EMF) exposure on male fertility and pregnancy and birth outcomes: Protocols for a systematic review of experimental studies in non-human mammals and in human sperm exposed in vitro	2021-12	Pacchierotti F, Ardoino L, Benassi B, Consales C, Cordelli E, Eleuteri P, Marino C, Sciortino M, Brinkworth MH, Chen G, McNamee JP, Wood AW, Hooijmans CR, de Vries RBM	Division Health Protection Technologies, Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), Rome, Italy; Section Technology Transfer to Developing Countries Relating to Climate Change, ENEA, Rome, Italy; School of Chemistry and Bioscience, Faculty of Life Sciences, University of Bradford, Bradford, UK; Bioelectromagnetics Laboratory, Zhejiang University School of Medicine, Hangzhou, China; Non-Ionizing Radiation Health Sciences Division, Consumer and Clinical Radiation Protection Bureau, Health Canada, Ottawa, Canada; Department of Health Sciences and Biostatistics, Swinburne University of Technology, Hawthorn, Australia; SYRCLE, Department for Health Evidence, Radboud Institute for Health Sciences, Radboudumc, Nijmegen, the Netherlands	Environment International, Vol 157:106806, Dec 2021, pp. 1-10
Mobile phone radiation might alter gene expression in the oral squamous epithelial cells	2022-01	Khalil AM, Al-Qaoud KM, Alemam IF, Okour MA	Department of Biological Sciences, Yarmouk University, Irbid, Jordan	Egyptian Journal of Medical Human Genetics, Vol 23 (12), Jan 2022, pp. 1-7
Thapsigargin blocks electromagnetic field-elicited intracellular Ca²⁺ increase in HEK 293 cells	2022-05	Bertagna F, Lewis R, Silva SRP, McFadden J, Jeevaratnam K	Leverhulme Quantum Biology Doctoral Training Centre, University of Surrey, Guildford, Surrey, UK; School of Veterinary Medicine, Faculty of Health and Medical Sciences, University of Surrey, Guildford, Surrey, UK; Advanced Technology Institute, University of Surrey, Guildford, Surrey, UK; School of Biosciences and Medicine, Faculty of Health and Medical Sciences, University of Surrey, Guildford, Surrey, UK	Physiological Reports, Vol 10 (9), May 2022, pp. 1-11
The effect of radiofrequency electromagnetic fields (RF-EMF) on biomarkers of oxidative stress in vivo and in vitro: A protocol for a systematic review	2022-01	Henschenmacher B, Bitsch A, de Las Heras Gala T, Forman HJ, Fragoulis A, Ghezzi P, Kellner R, Koch W, Kuhne J, Sachno D, Schmid G, Tsaion K, Verbeek J, Wright R	Fraunhofer Institute for Toxicology and Experimental Medicine, Chemical Safety and Toxicology, Hannover, Germany; Federal Office for Radiation Protection, Oberschleißheim, Germany; Leonard Davis School of Gerontology, University of Southern California, Los Angeles, CA, USA; University of California Merced, Merced, CA, USA; Department of Anatomy and Cell Biology, Uniklinik RWTH Aachen, Aachen, Germany; Brighton and Sussex Medical School, University of Sussex, Falmer, United Kingdom; Department of Biomolecular Sciences, University of Urbino Carlo Bo, Urbino, Italy; Seibersdorf Laboratories, Campus Seibersdorf, Seibersdorf, Austria; Evidence-based Toxicology Collaboration (EBTC), Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA; University Medical Center Amsterdam, Cochrane Work, Amsterdam, the Netherlands; William H. Welch Medical Library, Johns Hopkins University School of Medicine, Baltimore, USA	Environment International, Vol 158:106932, Jan 2022, pp. 1-11
Zinc affects nuclear factor kappa b and DNA methyltransferase activity in C3H cancer fibroblast cells induced by a 2100 MHz electromagnetic field	2022-01 published online	Duzgun Ergun D, Pastaci Ozsobaci N, Yilmaz T, Ozcelik D, Kalkan MT	Department of Biophysics, Faculty of Medicine, Istanbul Aydin University, Istanbul, Turkey; Department of Biophysics, Cerrahpasa Medical Faculty, Istanbul University-Cerrahpasa, Istanbul, Turkey; Department of Electronics and Communication Engineering, Istanbul Technical University, Istanbul, Turkey	Electromagnetic Biology and Medicine, Vol 41 (1), published online Jan 2022, pp. 1-8