WBF Expertenforum 2025, Literaturliste Mobilfunk und Gesundheit, Zeitrahmen Juli 2024 - Juni 2025

Name der Studie	Datum der Veröffentlichung	Autor/Herausgeber	Beteiligte wissenschaftliche Institute	Quelle
5G and sleep EEG: 5G radio-frequency-electromagnetic-field effects on the human sleep electroencephalogram	2025-01 published online	Diagnose-Funk e.V.	Editorial team: Roman Heeren (RH), M.Sc., Alain Thill (AT), M.Sc.	Elektrosmog Report, published online Jan 2025, pp. 13-14
5G EMF Exposure at 3.6 GHz in Greece Using Data From Frequency-Selective Monitoring Sensors	2025-05 published online	Iakovidis S, Manassas A, Apostolidis C, Samaras T	CIRI—Center for Interdisciplinary Research and Innovation, Aristotle University of Thessaloniki, Thermi, Greece	Bioelectromagnetics, Vol 46, published online May 2025 , pp. 1-8
5G Radiofrequency Exposure Reduces PRDM16 and C/EBP β mRNA Expression, Two Key Biomarkers for Brown Adipogenesis	2025-03 published online	Seewooruttun C, Bouguila B, Corona A, Delanaud S, Bodin R, Bach V, Desailloud R, Pelletier A	PériTox, University of Picardy Jules Verne, CURS, Chemin du Thil, Amiens, France; PériTox, Verneuil-en-Halatte, France; Department of Endocrinology, Diabetes Mellitus and Nutrition, Amiens University Hospital, Amiens, France	International Journal of Molecular Sciences, Vol 26:2792, published online Mar 2025, pp. 1-18
5G Radio-Frequency-Electromagnetic-Field Effects on the Human Sleep Electroencephalogram: A Randomized Controlled Study in CACNA1C Genotyped Volunteers	2025-06 published online	Sousouri G, Eicher C, D'Angelo RM, Billecocq M, Fussinger T, Studler M, Capstick M, Kuster N, Achermann P, Huber R, Landolt HP	Institute of Pharmacology & Toxicology, University of Zurich, Zurich, Switzerland; Department of Psychiatry, Psychotherapy, and Psychosomatics, Psychiatric Hospital of the University of Zurich, Zurich, Switzerland; IT'IS Foundation, ETH Zurich, Zurich, Switzerland; Sleep & Health Zurich, University of Zurich, Zurich, Switzerland; University Children's Hospital Zurich, University of Zurich, Zurich, Switzerland	NeuroImage, Vol 317:121340, published online Jun 2025, pp. 1-11
6G RIS in Indoor Environments: Assessment of Exposure Variability in Human Users and Non-Users	2025-03	Gallucci S, Benini M, Fiocchi S, Tognola G, Parazzini M	Istituto di Elettronica e di Ingegneria dell'Informazione e delle Telecomunicazioni, Consiglio Nazionale delle Ricerche, Milan, Italy	IEEE Open Journal of Antennas and Propagation, Vol 6 (2), Mar 2025, pp. 487-496
A Comparative Study of In Situ Methodologies for Assessment of RF EMF Exposure From a 5G FR2 Base Station	2024-09	Goegebeur S, Deprez K, Colombi D, Eilers Bischoff J, Di Paola C, Stroobandt B, Verloock L, Aerts S, Törnevik C, Joseph W	Wireless, Acoustic, Environment and Expert Systems (WAVES) Group, Department of Information Technology, imec, Ghent University, Ghent, Belgium; Ericsson Research, Ericsson AB, Stockholm, Sweden; Research Group of Smart Sensor Systems, Faculty of Technology, Innovation and Society, The Hague University of Applied Sciences, AL Delft, The Netherlands	IEEE Access, Vol 12, Sep 2024, pp. 132552-132564
A comprehensive mechanism of biological and health effects of anthropogenic extremely low frequency and wireless communication electromagnetic fields	2025-06 published online	Panagopoulos DJ, Yakymenko I, De Iuliis GN, Chrousos GP	Choremeion Research Laboratory, 1st Department of Paediatrics, Medical School, National and Kapodistrian University of Athens, Athens, Greece; Electromagnetic Field-Biophysics Research Laboratory, Athens, Greece; Department of Ecology and Ecomanagement, National University of Food Technologies, Kyiv, Ukraine; Reproductive Science Group, School of Environmental and Life Sciences, College of Engineering, Science and Environment, University of Newcastle, Callaghan, NSW, Australia; University Research Institute of Maternal and Child Health and Precision Medicine and UNESCO Chair on Adolescent Health Care, National and Kapodistrian University of Athens, Medical School, Aghia Sophia Children's Hospital, Athens, Greece	Frontiers in Public Health, Vol 13:1585441, published online Jun 2025, pp. 1-23

A comprehensive review of 5G NR RF-EMF exposure assessment technologies: fundamentals, advancements, challenges, niches, and implications	2024-07 published online	Korkmaz E, Aerts S, Coesoij R, Bhatt CR, Velghe M, Colussi L, Land D, Petroulakis N, Spirito M, Bolte J	The Hague University of Applied Sciences, Research Group Smart Sensor Systems, Delft, The Netherlands; Delft University of Technology, Department of Microelectronics,Delft, The Netherlands; Australian Radiation Protection and Nuclear Safety Agency, Yallambie, Australia; National Institute for Public Health and the Environment, Centre for Sustainability, Environment and Health, Bilthoven, The Netherlands; Dutch Authority for Digital Infrastructure, Groningen, The Netherlands; Institute of Computer Science, Foundation for Research and Technology-Hellas, Heraklion, Greece; National Institute for Public Health and the Environment, Centre for Sustainability, Environment and Health, Bilthoven, The Netherlands	Environmental Research, Vol 260:119524, published online Jul 2024, pp. 1-21
A Critical Analysis of the World Health Organization (WHO) Systematic Review 2024 on Radiofrequency Radiation Exposure and Cancer Risks	2025-02	Hardell L, Nilsson M	The Environment and Cancer Research Foundation, Örebro, Sweden; Swedish Radiation Protection Foundation, Adelsö, Sweden	Journal of Cancer Science and Clinical Therapeutics, Vol 9 (1), Feb 2025, pp. 9-26
A critical appraisal of the WHO 2024 systematic review of the effects of RF-EMF exposure on tinnitus, migraine/headache, and non-specific symptoms	2024-07	Frank JW, Melnick RL, Moskowitz JM	PhD, School of Public Health, University of California, Berkeley, USA; University of Edinburgh, Edinburgh, UK; University of Toronto, Toronto, Canada; National Toxicology Program, National Institute of Environmental Health Science, North Logan, USA	Rev Environ Health, Vol 40 (2), Jul 2024, pp. 486-493
A mechanistic understanding of human magnetoreception validates the phenomenon of electromagnetic hypersensitivity (EHS)	2024-12 published online	Henshaw DL, Philips A	Atmospheric Chemistry Group, School of Chemistry, University of Bristol, Bristol, UK; Independent Scientist, Brambling, Beeswing, Dumfries, Scotland, UK	International Journal of Radiation Biology, Vol 101 (2), published online Dec 2024, pp. 186-204
A novel approach for assessments of radiofrequency electromagnetic fields exposure in buildings near telecommunication infrastructure	2025-06 published online	de F H Silva RQ, Rodrigues MEC, Pinheiro FSR, da Silva GS, da C Muniz M, Pinto LS, Mendonça HB, de Sousa Jr VA	Graduate Program in Electrical and Computer Engineering (PPgEEC), Federal University of Rio Grande do Norte, Natal, Brazil; Leading Advanced Technologies Center of Excellence (LANCE), Federal University of Rio Grande do Norte, Natal, Brazil; Department of Communications Engineering, Federal University of Rio Grande do Norte, Natal, Brazil; Brazilian National Telecommunication Agency (ANATEL), Natal, Brazil	Science of the Total Environment, Vol 992:179853, published online Jun 2025, pp. 1-14
A novel experimental design approach to generating orbital angular momentum waves using wearable textile antenna for sub-6 GHz 5G	2025-05 published online	Noor SK, Ismail AM, Elamin NIM, Mohd Yasin MN, Osman MN, Soh PJ, Ramli N, Rambe AH, Ashyap AYI	Advanced Communication Engineering (ACE), Centre of Excellence, Faculty Electronic Engineering Technology, University Malaysia Perlis, Kangar, Perlis, Malaysia; Faculty of Electronics and Electrical Engineering, International University of Africa, Khartoum, Sudan; Centre for Wireless Communications (CWC), University of Oulu, Oulu, Finland; Centre for Advanced Electrical & Electronic System (CAEES) Faculty of Engineering, Built Environment and Information Technology, SEGi University Petaling Jaya, Selangor, Malaysia; Advanced Telecommunication Research Center (ATRC), Faculty of Electrical and Electronic Engineering, Universiti Tun Hussein Onn Malaysia (UTHM), Batu Pahat, Johor, Malaysia; Department of Electrical Engineering, Universitas Sumatera Utara, Medan, Indonesia	PLoS One, Vol 20 (5), published online May 2025, pp. 1-18

A review of effects of electromagnetic fields on ageing and ageing dependent bioeffects of electromagnetic fields	2025-01 published online	Wei X, Huang Y, Sun C	Sir Run Run Shaw Hospital, Zhejiang University School of Medicine, Hangzhou, China; Key Laboratory of Reproductive Genetics (Ministry of Education) and Department of Reproductive Endocrinology, Women's Hospital, Zhejiang University School of Medicine, Hangzhou, China; Zhejiang Key Laboratory of Geriatrics and Geriatrics Institute of Zhejiang Province, Zhejiang Hospital, Hangzhou, China	Science of the Total Environment, Vol 963:178491, published online Jan 2025, pp. 1-14
A review on the consequences of molecular and genomic alterations following exposure to electromagnetic fields: Remodeling of neuronal network and cognitive changes	2024-09 published online	Abtin S, Seyedaghamiri F, Aalidaeijavadi Z, Farrokhi AM, Moshrefi F, Ziveh T, Zibaii MI, Aliakbarian H, Rezaei-Tavirani M, Haghparast A	Neuroscience Research Center, School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran; Laboratory of Biophysics and Molecular Biology, Departments of Biophysics, Institute of Biochemistry and Biophysics, University of Tehran, Tehran, Iran; Laser and Plasma Research Institute, Shahid Beheshti University, Tehran, Iran; Faculty of Electrical Engineering, KN Toosi University of Technology, Tehran, Iran; Proteomics Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran; School of Cognitive Sciences, Institute for Research in Fundamental Sciences, Tehran, Iran; Department of Basic Sciences, Iranian Academy of Medical Sciences, Tehran, Iran	Brain Research Bulletin, Vol 217:111090, published online Sep 2024, pp. 1-29
A Systematic Review on the In Vivo Studies on Radiofrequency (100 kHz-300 GHz) Electromagnetic Field Exposure and Co-Carcinogenesis	2024-08 published online	Pinto R, Ardoino L, Giardullo P, Villani P, Marino C	Division of Biotechnologies at ENEA, Italian National Agency for New Technologies, Energy, Environment and Sustainable Economic Development, Rome, Italy	International Journal of Environmental Research and Public Health, Vol 21:1020, published online Aug 2024, pp. 1-28
Affective evaluation and exposure perception of everyday mobile phone usage situations	2024-09	Link SC, Eggeling M, Abacioglu F, Boehmert C	Department for Social Sciences, IU International University of Applied Sciences, Erfurt, Germany	Risk Analysis, Vol 45 (5), Sep 2024, pp. 996–1008
Agreement between self-reported and objectively measured smartphone use among adolescents and adults	2024-12 published online	Molaib KM, Sun X, Ram N, Reeves B, Robinson TN	University of Washington, Guthrie Hall Seattle, USA; University of Minnesota, Saint Paul, USA; Stanford University, Department of Psychology, Stanford, USA; Stanford University, Department of Communication, Stanford, USA; Stanford University, Departments of Pediatrics and of Medicine, School of Medicine, Palo Alto, USA	Computers in Human Behavior Reports, Vol 17:100569, published online Dec 2024, pp. 1-17
An approach for annual analysis of EMF exposure in highly sensitive areas of kindergartens and schools	2025-05	Kljajic D, Djuric N, Pasquino N, Solmonte N, Djuric S	Faculty of Technical Sciences, University of Novi Sad, Novi Sad, Serbia; Department of Electrical Engineering and Information Technology, University of Naples Federico II, Naples, Italy; Institute BioSense, University of Novi Sad, Novi Sad, Serbia	Radiation Protection Dosimetry, Vol 201 (8), May 2025, pp. 577–588
Analysis of Human Head Interaction in Handset Antennas Using Ground Plane Corrugation	2024-10	Moghnieh H, Rammal M, Barakeh R, Rachid E	Ecole Doctoral de Science et Technologies (EDST), Lebanese University, Beirut, Lebanon; ESIB, CST Electrical Department, Saint-Joseph University, Beirut, Lebanon	IEEE Access, Vol 12, Oct 2024, pp.151834-151845

Analysis of the Association of Mobile Phone Usage and Hearing Function in Young Adults	2025-02 published online	Haji Al, Ejaz H, Omar MO, Takriti MB, Narayanan SN	Internal Medicine, Ras Al Khaimah College of Medical Sciences, Ras Al Khaimah Medical and Health Sciences University, Ras Al Khaimah, ARE; Anesthesia and Critical Care, Ras Al Khaimah College of Medical Sciences, Ras Al Khaimah Medical and Health Sciences University, Ras Al Khaimah, ARE; Physiology, Ras Al Khaimah College of Medical Sciences, Ras Al Khaimah Medical and Health Sciences University, Ras Al Khaimah, ARE; General Surgery, Ras Al Khaimah College of Medical Sciences, Ras Al Khaimah Medical and Health Sciences University, Ras Al Khaimah, ARE; Physiology, School of Medicine and Dentistry, University of Central Lancashire, Preston, GBR	Cureus, Vol 17 (2), published online Feb 2025, pp. 1-12
Assessing radiofrequency electromagnetic field exposure in multiple microenvironments across ten European countries with a focus on 5G	2025-05 published online	Veludo AF, Stroobandt B, Van Bladel H, Sandoval-Diez N, Deprez K, Aerts S, Chikha WB, Wiart J, Vecsei Z, Necz PP, Thuroczy G, Benini M, Bonato M, Gallucci S, Tognola G, Parazzini M, Belackova L, Vaupotic N, Mamrot P, Marianska M, Politanski P, Polanska K, Stamets M, de Llobet P, Castano-Vinyals G, Guxens M, Hulls PM, de Vocht F, Joseph W, Röösli M	Swiss Tropical and Public Health Institute (Swiss TPH), Allschwil, Switzerland; University of Basel, Basel, Switzerland; Department of Information Technology, Ghent University/imec, Ghent, Belgium; The Hague University of Applied Sciences,AL Delft, Netherlands; T´el´ecom Paris, Institut Polytechnique de Paris, Palaiseau, France; National Center for Public Health and Pharmacy, Budapest, Hungary; Cnr- Istituto di Elettronica e di Ingegneria dell'Informazione e delle Telecomunicazioni, Milan, Italy; IRAS, Utrecht University, Utrecht, Netherlands; Vienna Cognitive Science Hub, University of Vienna, Vienna, Austria; Environmental Psychology Group, University of Vienna, Vienna, Austria; Nofer Institute of Occupational Medicine, Lodz, Poland; ISGlobal, Barcelona, Spain; Universitat Pompeu Fabra, Barcelona, Spain; Spanish Consortium for Research on Epidemiology and Public Health (CIBERESP), Instituto de Salud Carlos III, Madrid, Spain; Department of Child and Adolescent Psychiatry/Psychology, Erasmus MC, University Medical Centre, Rotterdam, the Netherlands; ICREA, Barcelona, Spain; Population Health Sciences, Bristol Medical School, University of Bristol, Bristol, UK; NIHR Applied Health Research Collaboration West (ARC West), Bristol, UK	Environment International, Vol 200:109540, published online May 2025, pp. 1-11
Assessment and Management of Risks from Occupational Exposure to Electromagnetic Fields (0 Hz to 300 GHz): A Compass to Keep the Right Course Through European and Italian Regulations	2024-12 published online	Filosa L, Lopresto V	INAIL, Italian National Institute for Insurance against Accidents at Work, Rome, Italy; ENEA, Italian National Agency for New Technologies, Energy and Sustainable Economic Development, Rome, Italy	Safety, Vol 10 (4), published online Dec 2024, pp. 1-20
Assessment of exposure to RF-EMF among telecommunication tower workers in Kuwait	2025-02 published online	Al-Sadi N, Shehab M, Alzoughool M	IHS Kuwait Limited, IHS Towers, Hawally, Kuwait; Environmental Public Authority of Kuwait (KEPA), Shuwaikh Industrial, Kuwait City, Kuwait; Department of Environmental and Occupational Health, Kuwait University, Kuwait City, Kuwait	Discover Public Health, Vol 22:64, published online Feb 2025, pp. 1-15
Assessment of Global System for Mobile Communications - Railway (GSM-R) electromagnetic fields exposure along the railway lines in Lanzhou, China	2025-02 published online	Wang Y, Lu M	Lanzhou Jiaotong University, Key Lab of Opto-Electronic Technology and Intelligent Control of Ministry of Education, Lanzhou, China; Lanzhou Jiaotong University, School of Electronic and Information Engineering, Lanzhou, China	Environmental Research, Vol 272:121138, published online Feb 2025, pp. 1-10

Auto-Induced Downlink Radiofrequency Electromagnetic Field Exposure at 3.5 GHz with Focusing Near the Head	2025-04	Herssens H, Thielens A	Department of Information Technology, Ghent University, Ghent, Belgium; Photonics Initiative, Advanced Science and Research Center, Graduate Center of the City University of New York, New York, USA	IEEE Access, Vol 13, Apr 2025, pp. 56659-56670
Auto-induced uplink 4G and 5G RF-EMF exposure assessment using a network monitoring application in different microenvironments across seven European countries	2025-02 published online	Stroobandt B, Van Bladel H, Veludo AF, Deprez K, Aerts S, Verloock L, Thuróczy G, Politanski P, Polanska K, Tognola G, Parazzini M, Wiart J, Guxens M, Röösli M, Joseph W	Ghent University - imec, Ghent, Belgium; Swiss Tropical and Public Health Institute (Swiss TPH), Allschwil, Switzerland; University of Basel, Basel, Switzerland; The Hague University of Applied Sciences, Delft, the Netherlands; National Center for Public Health and Pharmacy, Budapest, Hungary; Nofer Institute of Occupational Medicine, Ł´od´z, Poland; Institute of Electronics, Information Engineering and Telecommunications (IEIIT), Consiglio Nazionale delle Ricerche, Milan, Italy; T´el´ecom Paris, Institut Polytechnique de Paris, Palaiseau, France; ISGlobal, Barcelona, Spain; Universitat Pompeu Fabra, Barcelona, Spain; Spanish Consortium for Research on Epidemiology and Public Health (CIBERESP), Instituto de Salud Carlos III, Madrid, Spain; Department of Child and Adolescent Psychiatry/Psychology, Erasmus MC, University Medical Centre, Rotterdam, the Netherlands; ICREA, Barcelona, Spain	Environmental Research, Vol 270:121029, published online Feb 2025, pp. 1-8
Autonomous nervous system responses to environmental-level exposure to 5G's first deployed band (3.5 GHz) in healthy human volunteers	2024-09	Jamal L, Michelant L, Delanaud S, Hugueville L, Mazet P, Lévêque P, Baz T, Bach V, 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/UPJV, INERIS, Verneuil en Halatte, France; PériTox laboratory (UMR_I 01), UPJV/INERIS, University of Picardy Jules Verne, Amiens, France; Paris Brain Institute (ICM), Center for NeuroImaging Research (CENIR), Sorbonne University, Pitié-Salpêtrière Hospital, Paris, France; Department of Electromagnetic Compatibility, Technical Center for Mechanical Industries (CETIM), Senlis, France; RF and Printed ELectronics for Telecom and Energy team, University of Limoges, Limoges, France	Experimental Physiology, Vol 109 (12), Sep 2024, pp. 2122–2133
Baby monitor disrupts sleep: Does radiofrequency radiation impact sleep? A double-blind, randomized, placebo-controlled, crossover pilot study	2025-01 published online	Diagnose-Funk e.V.	Editorial team: Roman Heeren (RH), M.Sc., Alain Thill (AT), M.Sc.	Elektrosmog Report, published online Jan 2025, pp. 11-12
Can cell phone radiation cause cancer? Relationship between radiofrequency electromagnetic radiation from cellular phones and brain tumor: meta-analyses using various proxies for RF-EMF exposure outcome assessment	2025-01 published online	Diagnose-Funk e.V.	Editorial team: Roman Heeren (RH), M.Sc., Alain Thill (AT), M.Sc.	Elektrosmog Report, published online Jan 2025, pp. 3-4
Causal associations between mobile phone usage and glaucoma risk: A Mendelian randomization study	2024-11 published online	Song R, Wang Y, Kong Y, Fan X, Yuan C, Zha X	Department of Ophthalmology Department, The Second Affiliated Hospital of Kunming Medical University, Kunming, China; Department of Gastrointestinal Surgery, The Second Affiliated Hospital of Kunming Medical University, Kunming, China	Medicine, Vol 103 (48), published online Nov 2024, pp. 1-6
Chicken or egg? Attribution hypothesis and nocebo hypothesis to explain somatization associated to perceived RF-EMF exposure	2025-04 published online	Ariccio S, Traini E, Portengen L, Martens A, Slottje P, Vermeulen R, Huss A	Institute for Risk Assessment Sciences, Utrecht University, Utrecht, Netherlands; PBL Environmental Assessment Agency, The Hague, Netherlands	Frontiers in Public Health, Vol 13:1561373. published onlline Apr 2025, pp. 1-10

Cognitive risk and behaviour related to the effects of mobile phone use on sleep quality: an analysis of data from Chinese college students	2024-12 published online	He Y, Fan L, Xu Y, Li J, Song J, Gao Q, Cai C, Meng J, Liang J, Huang J, Wang F	Department of Clinical Nutrition, Mianyang Hospital of TCM, Mianyang, Sichuan, China; School of Public Health, China Medical University, Shenyang, Liaoning, China; School of Public Health, Zhejiang University, Hangzhou, Zhejiang, China; Monitoring and Evaluation Office, Health Service Center of Liaoning Provincial, Shenyang, Liaoning, China; General Office, Sanya Center for Disease Control & Prevention, Sanya, Hainan, China; School of Public Health, Jinzhou Medical University, Jinzhou, Liaoning, China	Psychology, Health & Medicine, Vol 30 (6), published online Dec 2024, pp. 1120-1136
Comparative analysis of electromagnetic field exposure in a higher educational institution: a study before and after the COVID-19 pandemic	2025-03 published online	Singh R, Singh A, Jangid A	Department of Physics and Computer Science, Dayalbagh Educational Institute, Dayalbagh, Agra, Uttar Pradesh, India	Discover Public Health, Vol 22:90, published online Mar 2025, pp. 1-16
Comprehensive Analysis of Magnetic Flux Density and RF-EMF Exposure in Electric Buses: A Case Study from Samsun, Turkey	2024-08 published online	Albayrak ZE, Kurnaz C, Karadag T, Cheema AA	Mechanical, Electrical, and Lighting Branch, Department of Public Works, Samsun Metropolitan Municipality, Samsun, Türkiye; Department of Electrical and Electronic Engineering, Ondokuz Mayıs University, Samsun, Türkiye; Department of Electrical and Electronic Engineering, Inonu University, Malatya, Türkiye; School of Engineering, Ulster University, Belfast, UK	Sensors, Vol 24:5634, published online Aug 2024, pp. 1-24
Contribution of Mobile Communication Technologies to EMF Exposure in the University of Novi Sad Campus Area	2024-07	Kljajic DR, Djuric NM, Kasas-Lazetic KK, Milutinov MM, Djuric SM	Faculty of Technical SciencesUniversity of Novi Sad, Novi Sad, Serbia; Institute BioSensUniversity of Novi Sad, Novi Sad, Serbia	Applied Computational Electromagnetics Society Journal, Vol 39 (7), Jul 2024, pp. 593-605
Could electrohypersensitivity be a specific form of high sensory processing sensitivity?	2025-02 published online	Bordarie J, Ledent M, Dieudonne M, Choisay F, De Clercq E	QUALIPSY, Psychology Department, University of Tours, Tours, France; Chemical and Physical Health Risks, Sciensano, Brussels, Belgium; Centre Max Weber, Lyon, France	Frontiers in Public Health, Vol 13:1550427, published online Feb 2025, pp. 1-13
Digital devices and migraine: The role of digital device use on the risk of migraine	2025-01 published online	Diagnose-Funk e.V.	Editorial team: Roman Heeren (RH), M.Sc., Alain Thill (AT), M.Sc.	Elektrosmog Report, published online Jan 2025, pp. 9-10
Do mobile phones and laptop computers really impact sperm?	2024-07 published online	Kavoussi PK, Kavoussi SK	Department of Reproductive Urology, Austin Fertility & Reproductive Medicine/WestlakeIVF, Austin, USA	Arab Journal of Urology, published online Jul 2024, pp. 1-6
Does Electromagnetic Pollution in the ART Laboratory Affect Sperm Quality? A Cross-Sectional Observational Study	2025-06 published online	Baldini GM, Lot D, Ferri D, Montano L, Tartagni MV, Malvasi A, Laganà AS, Palumbo M, Baldini D, Trojano G	Obstetrics and Gynecology Unit, Department of Biomedical Sciences and Human Oncology, University of Bari "Aldo Moro", Bari, Italy; IVF Center, Momo Fertilife, Bisceglie, Italy; Unit of Andrology and Lifestyle Service in Uroandrology, ASL Salerno, Salerno, Italy; Coordination Unit of the Network for Environmental and Reproductive Health (Eco-FoodFertility Project), Oliveto Citra Hospital, Salerno, Italy; Clinic of Gynecology and Obstetrics, Spital Linth, Uznach, Switzerland; Unit of Obstetrics and Gynecology, "Paolo Giaccone" Hospital, Department of Health Promotion, Mother and Childcare, Internal Medicine and Medical Specialties (PROMISE), University of Palermo, Palermo, Italy; Department of Public Health, School of Medicine, University of Naples "Federico II", Naples, Italy; Department of Maternal and Child Health, Madonna Delle Grazie Hospital, Matera, Italy	Toxics, Vol 13:510, published online Jun 2025, pp. 1-12

Does Radiofrequency Radiation From Mobile Phones Affect the Formation of Parotid Gland Malignancy? An Experimental Study	2024-11	Ozergin Coskun Z, Tumkaya L, Yilmaz A, Dursun E, Mercantepe T, Kalkan Y, Ersoz S	Department of Otorhinolaryngology, Faculty of Medicine, Recep Tayyip Erdoğan University, Rize, Turkey; Department of Histology and Embryology, Faculty of Medicine, Recep Tayyip Erdoğan University, Rize, Turkey; Department of Medical Biochemistry, Faculty of Medicine, Recep Tayyip Erdoğan University, Rize, Turkey; Department of Ear, Nose and Throat, Faculty of Medicine, Lokman Hekim University, Ankara, Turkey; Department of Pathology, Karadeniz Technical University Faculty of Medicine, Trabzon, Turkey	Ear, Nose & Throat Journal, Vol 103 (3), Nov 2024, pp. 75–82
Does radiofrequency radiation impact sleep? A double-blind, randomised, placebo-controlled, crossover pilot study	2024-10 published online	Bijlsma N, Conduit R, Kennedy G, Cohen M	School of Health and Biomedical Sciences, RMIT University, Bundoora, Australia; Australian College of Environmental Studies, Warrandyte, Australia; School of Science, Psychology and Sport, Federation University, Mount Helen, Australia; Austin Health, Institute for Breathing and Sleep, Heidelberg, Australia; The Extreme Wellness Institute, Melbourne, Australia	Frontiers in Public Health, Vol 12:1481537, published online Oct 2024, pp. 1-11
Effect of elevation on cumulative radiofrequency exposure from multiple communication towers	2025-06 published online	Osei S, Quarshie E, Azah CK, Fuseini AR, Dogbey R, Deatanyah P, Hagan GB, Modupeh Hodasi JA, Sam F, Amoako JK	Ghana Atomic Energy Commission, Radiation Protection Institute, Legon, Accra, Ghana; Department of Physics, College of Basic and Applied Sciences, University of Ghana, Legon-Accra, Ghana; Department of Physics, College of Physical Sciences, University of Cape Coast, Ghana; Department of Nuclear Safety and Security, Graduate School of Nuclear and Allied Sciences, University of Ghana, Legon-Accra, Ghana	Radiation Protection Dosimetry, published online Jun 2025, pp.1-8
Effect of radiofrequency electromagnetic waves of mobile phone stations on male fertility	2024-10 published online	Gharib TM, Almekaty K, Abdel Aal AM, Abdel-Al I, Deif H, Hassan GM, Haty A, Alhefnawy MA, Shafiea A, Metwally ME, Elawadey E	Urology Department, Faculty of Medicine, Benha University, Benha, Egypt; Urology Department, Faculty of Medicine, Tanta University, Tanta, Egypt; Urology Department, Faculty of Medicine, Al-Azhar University, Assiut Branch, Egypt; Urology Department, Faculty of Medicine, Al-Azhar University, Cairo, Egypt	Archivio Italiano di Urologia e Andrologia, Vol 96 (3), published online Oct 2024, pp. 1-5
Effect of Titanium Mandible Implant on the Electric Field and SAR Distribution Caused by Mobile Phone Within the User's Head	2025-05 published online	Jovanovic D, Krasic D, Cvetkovic N, Stankovic V, Zivaljevic D, Petkovic B	Faculty of Electronic Engineering, University of Nis, Nis, Serbia; Faculty of Medicine, University of Nis, Nis, Serbia; Faculty of Occupational Safety, University of Nis, Nis, Serbia; Advanced Electromagnetics Group, Technische Universität Ilmenau, Ilmenau, Germany	Electronics, Vol 14:2096, published online May 2025, pp. 1-15
Effects of 5G Mobile Phone Network Electromagnetic Field Exposure on Testicular Endoplasmic Reticulum Stress and the Protective Role of Coenzyme Q10	2025-06 published online	Yilmaz H, Tümkaya L, Mercantepe T, Yilmaz A, Gül F, Suzan ZT	Department of Biophysics, Faculty of Medicine, Recep Tayyip Erdogan University, Rize, Turkey; Department of Histology and Embryology, Faculty of Medicine, Recep Tayyip Erdogan University, Rize, Turkey; Department of Biochemistry, Faculty of Medicine, Recep Tayyip Erdogan University, Rize, Turkey; Electrical and Electronics Engineering Department, Recep Tayyip Erdogan University, Turkey	Archives of Medical Research, Vol 56:103157, published online Jun 2025, pp. 1-11
Effects of Intermittent Mobile Phone Usage on Auditory Processing and Speech Perception in Young Adults	2025-06 published online	Shetty HN, Zacharias J	JSS Institute of Speech and Hearing, Mysuru, Karnataka, India	Indian Journal of Otolaryngology and Head & Neck Surgery, published online Jun 2025, pp. 1-10
Effects of Mobile Electromagnetic Exposure on Brain Oscillations and Cortical Excitability: Scoping Review	2025-04 published online	Torkan A, Zoghi M, Foroughimehr N, Yavari A, Jaberzadeh S	Monash Neuromodulation Research Unit, Department of Physiotherapy, School of Primary and Allied Health Care, Monash University, Melbourne, Australia; Discipline of Physiotherapy, Institute of Health and Wellbeing, Federation University, Melbourne, Australia; Australian Synchrotron, Australian Nuclear Science & Technology Organisation, Melbourne, Australia; 6G Research and Innovation Lab, Swinburne University of Technology, John Street, Hawthorn, Melbourne, Australia	Sensors, Vol 25:2749, published online Apr 2025, pp. 1-20

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Quantitative assessment of thermal effects on the auricle region caused by mobile phones operating in different modes	2024-10	Rok T, Kacprzyk A, Rokita E, Kantor D, Taton G	Department of Biophysics, Chair of Physiology, Jagiellonian University Medical College, Cracow, Poland; Doctoral School of Medical and Health Sciences, Jagiellonian University Medical College, Cracow, Poland; Department of Medical Physics, Faculty of Physics, Astronomy and Applied Computer Science, Jagiellonian University, Cracow, Poland	AIMS Biophysics, Vol 11 (4), Oct 2024, pp. 427–444
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Radiofrequency radiation leads to cell death: Radiofrequency-induced time-dependent alterations in gene expression and apoptosis in a glioblastoma cell line	2025-01 published online	Diagnose-Funk e.V.	Editorial team: Roman Heeren (RH), M.Sc., Alain Thill (AT), M.Sc.	Elektrosmog Report, published online Jan 2025, p. 6
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Recent Research on EMF and Health Risk. Eighteenth report from SSM's Scientific Council on Electromagnetic Fields, 2023	2024-09 published online	Swedish Radiation Safety Authority (SSM)	University of Utrecht, the Netherland; Danish Cancer Society, Copenhagen, Denmark; s, French National Centre for Scientific Research, Talence, France; National Research Council, Naples, Italy; Charité – University Medicine, Berlin, Germany; Swiss Tropical and Public Health Institute, Basel, Switzerland; Health Council of the Netherlands, The Hague, The Netherlands	Swedish Radiation Safety Authority (SSM), 2024:12, published online Sep 2024, pp. 1-106
Redox cell signalling triggered by black carbon and/or radiofrequency electromagnetic fields: Influence on cell death	2024-09 published online	López-Martín E, Sueiro-Benavides R, Leiro-Vidal JM, Rodríguez-González JA, Ares-Pena FJ	Department of Morphological Sciences, Santiago de Compostela, School of Medicine, University of Santiago de Compostela, Santiago de Compostela, Spain; Institute of Research in Biological and Chemical Analysis, IAQBUS, University of Santiago de Compostela, Santiago de Compostela, Spain; Department of Applied Physics, Santiago de Compostela School of Physics, University of Santiago de Compostela, Santiago de Compostela, Spain	Science of the Total Environment, Vol 953:176023, published online Sep 2024, pp. 1-18

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Response to the letter from members of the ICBE-EMF	2024-12 published online	Karipidis K, Baaken D, Loney T, Blettner M, Mate R, Brzozek C, Elwood M, Narh C, Orsini N, Röösli M, Paulo MS, Lagorio S	Australian Radiation Protection and Nuclear Safety Agency (ARPANSA), Yallambie, Australia; Competence Center for Electromagnetic Fields, Federal Office for Radiation Protection (BfS), Cottbus, Germany; College of Medicine, Mohammed Bin Rashid University of Medicine and Health Sciences, Dubai Health, Dubai, United Arab Emirates; Institute of Medical Biostatistics, Epidemiology and Informatics (IMBEI), University of Mainz, Germany; Epidemiology and Biostatistics, School of Population Health, University of Auckland, New Zealand; Department of Epidemiology and Biostatistics, School of Public Health (Hohoe Campus), University of Health and Allied Sciences, Ho, Ghana; Department of Global Public Health, Karolinska Institutet, Stockholm, Sweden; Swiss Tropical and Public Health Institute, Basel, Switzerland; University of Basel, Basel, Switzerland; NOVA National School of Public Health, Public Health Research Center, Comprehensive Health Research Center, Universidade Nova de Lisboa, Lisbon, Portugal; Department of Oncology and Molecular Medicine, National Institute of Health (Istituto Superiore di Sanita), Rome, Italy	Environmental International, Vol 195:109201, published online Dec 2024, pp. 1-4
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Smart Electronic Device-Based Monitoring of SAR and Temperature Variations in Indoor Human Tissue Interaction	2025-02 published online	Lagana F, Bibbo L, Calcagno S, De Carlo D, Pullano SA, Prattico D, Angiulli G	Laboratory of Biomedical Applications Technologies and Sensors (BATS), Department of Health Science,“Magna Græcia” University, Catanzaro, Italy; DICEAM Department, “Mediterranea” University, Reggio Calabria, Italy; DIIES Department, “Mediterranea” University, Reggio Calabria, Italy	Applied Sciences, Vol 15:2439, published online Feb 2025, pp. 1-18
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Study on human brain protection from electromagnetic radiation of mobile phone by plasma	2024-08 published online	Lv X, Liu Y, Guo C, Zou H, Dan M, Liu M	Southwestern Institute of Physics, Chengdu, People's Republic of China; School of Physics, Huazhong University of Science and Technology, Wuhan, People's Republic of China; International Joint Research Laboratory of Magnetic Confinement Fusion and Plasma Physics, School of Electrical and Electronic Engineering, Huazhong University of Science and Technology, Wuhan, People's Republic of China	Physics of Plasmas, Vol 31:083517, published online Aug 2024, pp. 1-7
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Systematic Review of Exposure Studies to Radiofrequency Electromagnetic Fields: Spot Measurements and Mixed Methodologies	2024-11 published online	Ramirez-Vazquez R, Escobar I, Arribas E, Vandenbosch GAE	Department of Physics, Polytechnic School of Cuenca, University of Castilla-La Mancha, University Campus, Cuenca, Spain; MORFEO Research Group, University of Castilla-La Mancha, Albacete, Spain; ESAT-WaveCoRE, Department of Electrical Engineering, Katholieke Universiteit Leuven, Leuven, Belgium; Department of Physics, Faculty of Computer Science Engineering, University of Castilla-La Mancha, Albacete, Spain	Applied Sciences, Vol 14:1116, published online Nov 2024, pp. 1-38

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The CB1R of mPFC is involved in anxiety-like behavior induced by 0.8/2.65 GHz dual-frequency electromagnetic radiation	2025-03 published online	Sun B, Xue T, Gao AN, Wang XY, Wu S, Liu XM, Zhang LH, Li MH, Zou DF, Gao Y, Wang CZ	Beijing Institute of Radiation Medicine, Beijing, China; Department of Neuroscience, School of Life Sciences, Southern University of Science and Technology, Shenzhen, China; Center of Cognition and Brain Science, Beijing Institute of Basic Medical Sciences, Beijing, China	Frontiers in Molecular Neuroscience, Vol 18:1534324, published online Mar 2025, pp. 1-17
The Effect of Electromagnetic Interference Produced by Smartphones Using 5G Network on Patients With Permanent Pacemakers (EMS5G-PPM Study)	2024-10 published online	Wisaratapong T, Pechaksorn N, Liabsuetrakul T, Lohawijarn W	Cardiology Unit, Songklanagarind Hospital, Department of Internal Medicine, Faculty of Medicine, Prince of Songkla University, Hat Yai, Tailand; Department of Epidemiology, Faculty of Medicine, Prince of Songkla University, Hat Yai, Tailand	Journal of Interventional Cardiology, Vol 2024 (1), published online Oct 2024, pp. 1-9
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The effect of mobile phone electromagnetic fields on the human resting state wake EEG and event-related potential: A systematic review and meta-analysis	2025-01 published online	Prins AC, Baas K, van der Meer JN, Jacobs M, Nederveen AJ	Department of Radiology and NuclearMedicine, Amsterdam UMC, Amsterdam,The Netherlands	Bioelectromagnetics, Vol 46 (1), published online Jan 2025, pp. 1-27
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The role of digital device use on the risk of migraine: a univariable and multivariable Mendelian randomization study	2024-10 published online	He Z, Qiu F, Yang J, Zhao M	Center of Encephalopathy, The First Affiliated Hospital of Henan University of Chinese Medicine, Zhengzhou, China; Department of First Clinical Medical College, Henan University of Chinese Medicine, Zhengzhou, China; Department of Zhongjing College, Henan University of Chinese Medicine, Zhengzhou, China	Frontiers in Neurology, Vol 15:1462414, published online Oct 2024, pp. 1-10

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