

WBF-EXPERTENFORUM 2015

Mitwirkende Experten

Wissenschaftliche Mitglieder des WBF

Univ.-Prof. DI Dr. Norbert VANA

Vorsitzender des WBF

Prof.i.R. an der TU Wien, Atominstitut der Österreichischen Universitäten, Bereich
„Strahlenphysik, Strahlenschutz, strahlenphysikalische Archäometrie, nukleare Messtechnik“
Vorsitzender des ON-Komitees "Schutz gegen nichtionisierende Strahlen"
Vizepräsident des Fachhochschulrates

ao.Univ.-Prof. Dr. Christian WOLF

Stv. Vorsitzender des WBF

Facharzt für Innere Medizin sowie für Arbeits- und Betriebsmedizin

Univ.-Prof. DDr. Alfred BARTH

Sigmund Freud Privat Universität Wien, Leitung Institut für Psychologie Linz
Klinischer Psychologe und Gesundheitspsychologe
GF Wiener Akademie für Arbeitsmedizin und Prävention

ao.Univ.-Prof. Dr. Gerald HAIDINGER

Zentrum für Public Health an der Medizinischen Universität Wien,
Abteilung für Epidemiologie; Facharzt für Sozialmedizin

Dr. Doris MOSER

Klinische und Gesundheitspsychologin

Neuropsychologische Ambulanz und Spezialambulanz für Schlafstörungen an der
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Program Manager und Projektleiter im Geschäftsbereich Safety & Security
des Austrian Institute of Technology
Universitätslektor an der TU Wien und der TU Graz

o.Univ.-Prof. DI Dr.techn. Karl-Peter PFEIFFER

Rektor und wissenschaftlicher Geschäftsführer der FH Joanneum Gesellschaft mbH.,
Medizinische Universität Innsbruck – Department für Medizinische Statistik, Informatik und
Gesundheitsökonomie; Leiter des Arbeitskreises „Nationale e-Health-Strategie“ der
österreichischen „e-Health-Initiative“

Prim. Univ.-Prof. Dr. Reinhart WANECK

Präsident des Verbandes der leitenden Krankenhausärzte Österreichs
Vertreter des OSR (Oberster Sanitätsrat) im WBF

Univ.-Prof. DDr. Josef ZEITLHOFER

Prof. i.R., Facharzt für Neurologie und Psychiatrie, vormals Oberarzt an der Neurologischen
Universitätsklinik Wien, Leiter der Abteilung für Klinische Neurophysiologie, Leiter der
Sonderambulanz für Epilepsie, Leiter der Sonderambulanz für neuromuskuläre
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Externe wissenschaftliche Experten

Univ.-Prof. Dr. Herbert HÖNIGSMANN

em. Vorstand der Universitätsklinik für Dermatologie, Medizinische Universität Wien
Facharzt für Dermatologie und Venerologie

Prof. Dr. Jürgen KIEFER

Vormals Strahlencentrum der Justus-Liebig-Universität, Deutschland;
bis 2006 Mitglied der Strahlenschutzkommission sowie der SSK-Ausschüsse „Risiko“
und „Nicht ionisierende Strahlen“, Leiter der Arbeitsgruppe „Mobilfunk und Kinder“; bis 2008
Mitglied der deutschen Delegation der „UN Scientific Commission on the Effects of Atomic
Radiation“ (UNSCEAR); z.Z. Mitglied des Ausschusses „Nicht ionisierende Strahlen“ der
SSK

Ass.-Prof. Priv.-Doz. Dr.med. Rupert LANZENBERGER

Hirnforscher und Experte für Molekulare und Funktionelle Bildgebung des Gehirns
Leiter des Labors für Funktionelle, Molekulare und Translationale Bildgebung - PET, MRI
an der Universitätsklinik für Psychiatrie und Psychotherapie, Medizinische Universität Wien

Prim. Univ.-Doz. Dr. Csilla NEUCHRIST

Vorstand der HNO Abteilung LK Mistelbach

Prof. Dr. Günter OBE

Fachgebiet Genetik, vormals Universität Duisburg-Essen,
Campus Essen, Institut für Biologie, Deutschland

Prim. Univ.-Prof. Dr. Heinz PFLÜGER

Abteilungsleiter der Urologischen Abteilung im Krankenhaus Hietzing, vormals Leiter des
Ludwig Boltzmann Instituts für Andrologie und Urologie

Vertreter öffentlicher Stellen und Institutionen (nicht stimmberechtigt)

Mag. Melanie HINTERBAUER-Tiefenbrunner

Österreichische Ärztekammer

Dr. Piero Lercher

Ärztekammer für Wien

WBF-Expertenforum 2015

**Nach Prüfung der wissenschaftlichen Studienlage –
Entwarnung kann verlängert werden:**

Keine Gesundheitsgefahr durch Mobilfunk

Wien, Dezember 2015.

Der WBF (Wissenschaftlicher Beirat Funk) steht dem Bundesministerium für Verkehr, Innovation und Technologie (BMVIT) seit über zehn Jahren als beratendes Organ zur Seite. Die aktuelle Konsensus-Konferenz des WBF tagte im November 2015 und kam einmal mehr zu dem Ergebnis, dass eine Gefährdung der menschlichen Gesundheit durch Mobilfunk bei Einhaltung der Grenzwerte aus heutiger Sicht ausgeschlossen werden kann.

Geprüft und bewertet wurden insgesamt 205 – im Zeitraum von Februar 2014 bis inklusive Juni 2015 veröffentlichte – wissenschaftliche Arbeiten. Damit kann der WBF seine Analyse auf insgesamt mehr als 1000 Studien seit seiner Gründung stützen.

Neben den Wissenschaftlichen Mitgliedern des WBF wirkten auch diesmal wieder eine Reihe externer nationaler und internationaler Experten an der Prüfung und Beschlussfassung mit.

Untersucht wurden Studien der folgenden Bereiche: Befindlichkeitsstörungen, Nervensystem, Gentoxizität, Kinder und Jugendliche, Zeugungsfähigkeit, Hals-Nasen-Ohren, Tumorentwicklung und Dosimetrie.

Die Auswahl der Studien und die Prüfarbeit des WBF waren diesmal vor allem gekennzeichnet durch: 1. eine große Anzahl von Tierstudien mit fraglicher Übertragbarkeit auf den Menschen, 2. überwiegend neue Aufbereitungen der vorhandenen Datenlage – neue Daten wurden kaum erhoben sowie 3. eine Reihe offensichtlich mangelhafter Studien, die dennoch Eingang in renommierte wissenschaftliche Publikationen finden konnten.

Tierexperimentelle Arbeiten – wenig Aussagekraft für den Menschen

In letzter Zeit wurden zahlreiche Untersuchungen – mit teilweise fragwürdiger Dosimetrie – an verschiedensten Tieren durchgeführt: Schweine waren hier ebenso vertreten wie Ameisen und Fliegen bis hin zu Mäusen und Ratten.

„Die Problematik besteht darin, dass eine Übertragung der Ergebnisse dieser Studien auf den Menschen nicht möglich ist. Wir können daraus aber Anhaltspunkte gewinnen, wo mit weiterführenden Humanforschungen angesetzt werden sollte“, erläutert Univ.-Prof. DI Dr. Norbert VANA, Vorsitzender des WBF.

Nocebo und Überempfindlichkeit – psychologische Effekte wahrscheinlich

Störungen der Befindlichkeit durch Mobilfunk-Strahlung konnten bisher nicht objektiv nachgewiesen werden.

Möglicherweise spielt in diesem Zusammenhang der sog. Nocebo-Effekt eine Rolle. Dazu Univ.-Prof. Dr. Christian WOLF, Stv. Vorsitzender des WBF: „Analog zu den positiven Wirkungen des Placebo-Effektes kommt es beim Nocebo-Effekt allein bereits aufgrund der subjektiven Annahme negativer Auswirkungen des Mobilfunks zu Befindlichkeitsstörungen.“

Außerdem kann – so Prof. WOLF – aus den aktuellen Studien abgeleitet werden, dass Menschen mit behaupteter Überempfindlichkeit dem Mobilfunk gegenüber offenbar eine Subgruppe jenes Personenkreises darstellen, der eine generelle Überempfindlichkeit gegen Umwelteinflüsse behauptet.

Können Mobilfunkfelder einen 'Adaptive Response' erzeugen?

Hinsichtlich der Genotoxizität von hochfrequenten elektromagnetischen Feldern (EMF), speziell des Mobilfunks, wurde auch in den neueren Studien der „oxidative Stress“ immer wieder andiskutiert. Seine Bedeutung bleibt jedoch auch weiterhin zweifelhaft.

Im Gegenteil ergaben sich – wie der deutsche Experte Prof. Dr. Jürgen KIEFER beim Konsensus-Meeting ausführte – Hinweise darauf, dass Mobilfunkfelder einen sog. „Adaptive Response“ (= Zellen gewöhnen sich an geringe Dosen genotoxischer Substanzen und werden so weniger empfindlich auf spätere genetische Schädigungen durch eine höhere Dosis ähnlicher Substanzen) auslösen könnten. Demgemäß wäre eine krebsschutzprotektive Wirkung des Mobilfunks durchaus denkbar.

Dosimetrie: je kleiner die Zellengröße, desto stärker die Reduktion der Exposition

Wurden sog. Femtozellen (= Funkzellen mit geringerer räumlicher Ausdehnung – Indoor-Basisstationen mit geringer Sende- und Empfangsleistung) bereits bisher als wirksame Methode erkannt, die Exposition von Mobiltelefonbenutzern zu reduzieren, so konnte nun gezeigt werden, dass noch kleinere sog. Pikoellen (z.B. in Zügen) zu einer weiteren bedeutsamen Reduktion der Exposition der Nutzer führen können.

Ebenso nachgewiesen wurde die Tatsache, dass optimierte Funknetze das Potenzial haben, die Ausgangsleistung von „Wireless Indoor UMTS & LTE“-Geräten um ca. 80% zu reduzieren.

Deutsches Bundesamt für Strahlenschutz (BfS): Umfrage zum Mobilfunk bei 12.000 Personen

Gemäß einer Umfrage, die das BfS über mehrere Jahre bei insgesamt rund 12.000 Personen zum Thema „Nutzung und Wahrnehmung des Mobilfunks im Zusammenhang mit den Gefahren, die von der Strahlung elektromagnetischer Felder

ausgehen“ durchgeführt hat, lassen sich die Menschen durch die laufenden Diskussionen zu dieser Problematik kaum beeinflussen.

Männer nützen die Handytelefonie zu 92%, Frauen zu 84%. Wobei die Handynutzung in den Altersgruppen der 25- bis 44-Jährigen bei nahezu 100% liegt; mit nach obenweisendem Trend bei steigender Bildung und steigendem Haushaltseinkommen.

Der SAR-Wert spielt für nur 4% der Befragten eine Rolle beim Neukauf eines Handys – viel wichtiger sind Bedienbarkeit, Preis, Funktionen und Design.

Deutlich unter einem Drittel (28%) der Umfrageteilnehmer macht sich Sorgen wegen gesundheitlicher Risikofaktoren, die von Mobilfunksendeanlagen (Handymasten) ausgehen, nur knapp ein Fünftel (18%) wegen des Handys selbst.

„Handys gehören – so die BfS-Umfrage – heute zum fixen Bestandteil unserer modernen Kommunikation. Für 63% der befragten Personen ist das Handy aus ihrem Leben nicht mehr wegzudenken. Und: Selbst bei nachgewiesener gesundheitlicher Beeinträchtigung würden nur 50% auf das Handy verzichten!“, berichtet Univ.-Prof. Dr. Norbert VANA.

Ermahnung des WBF bleibt aufrecht: Langzeitfolgen derzeit noch nicht abschätzbar

„Auch wenn die derzeitige Studienlage keinen Grund zur Besorgnis gibt, können Langzeiteffekte des Mobilfunks aus heutiger Sicht noch nicht ausreichend beurteilt werden. Daher mahnen wir vom WBF auch weiterhin zu einem umsichtigen Umgang bei der Verwendung von Mobilfunktechnologien“, fasst Univ.-Prof. Dr. Gerald HAIDINGER, Mitglied des WBF, die abschließende Empfehlung des Experten-Gremiums zusammen.

Anmerkung:

Die Literaturliste des WBF-Expertenforums 2015 finden Sie unter:
<http://www.wbf.or.at/wbf-expertenforum/expertenforum-2015/>

Rückfragehinweis:

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Literaturliste WBF Expertenforum 2015 - Studien zu Mobilfunk und Gesundheit

Zeitraum Februar 2014 - Ende Juni 2015

Name der Studie	Datum der Veröffentlichung	Autor/Herausgeber	Beteiligte wissenschaftliche Institute	Quelle
Effect of mobile telephones on sperm quality: a systematic review and meta-analysis	2014-09	Adams JA, Galloway TS, Mondal D, Esteves SC, Mathews F	Biosciences, College of Life and Environmental Sciences, Hatherly Laboratories, University of Exeter, UK; Androfert, Andrology and Human Reproduction Clinic, Campinas, Brazil	Environment International, Vol. 70 (0), Sep 2014, pp. 106-112
Are men talking their reproductive health away?	2015-05	Agarwal A, Durairajanayagam D	Center for Reproductive Medicine, Cleveland Clinic, Cleveland, Ohio, USA; MARA University of Technology, Sungai Buloh, Malaysia	Asian Journal of Andrology, Vol. 17 (3), 2015, pp. 433-434
Whether or not the genotoxic effects of exposure to continuous wave (CW) radio frequency electromagnetic fields (RF-EMF) in HL-60 cells are reproducible, is still an open question	2014-09	Adlkofer F		Mutation Research - Genetic Toxicology and Environmental Mutagenesis, Vol. 771, Sep 2014, pp. 71-72
Genotoxic effects of exposure to radiofrequency electromagnetic fields (RF-EMF) reported by the REFLEX project are not reproducible	2014-09	Speit G	Universität Ulm, Institut für Humangenetik, Ulm	Mutation Research/Genetic Toxicology and Environmental Mutagenesis, Vol. 771, Sep 2014, pp. 73-74
Assessment and comparison of total RF-EMF exposure in femtocell and macrocell base station scenarios	2014-12	Aerts S, Plets D, Verloock L, Martens L, Joseph W	Department of Information Technology, Ghent University/iMinds, Ghent, Belgium	Radiation Protection Dosimetry, Vol. 162 (3), Dec 2014, pp. 236-243
No influence of acute RF exposure (GSM-900, GSM-1800, and UMTS) on mouse retinal ganglion cell responses under constant temperature conditions	2014-01	Ahlers MT, Ammermüller J	Department of Biology and Environmental Sciences, Neurobiology, University of Oldenburg, Oldenburg, Germany	Bioelectromagnetics, Vol. 35 (1), Jan 2014, pp. 16-29
Vitamin C protects rat cerebellum and encephalon from oxidative stress following exposure to radiofrequency wave generated by a BTS antenna model	2014-06	Akbari A, Jelodar G, Nazifi S	Department of Physiology and Department of Clinical Pathology, School of Veterinary Medicine, Shiraz University, Shiraz, Iran	Toxicology Mechanisms and Methods, Vol. 24 (5), Jun 2014, pp. 347-352
Connection between Cell Phone use, p53 Gene Expression in Different Zones of Glioblastoma Multiforme and Survival Prognoses	2014-08	Akhavan-Sigari R, Baf MM, Ariabod V, Rohde V, Rahighi S	Department of Neurosurgery, University Medical Center of Göttingen, Georg-August University of Göttingen; Department of Neurosurgery, Department of Pathology, Islamic Azad University, Medical Branch, Mashhad, Iran	Rare Tumors, Vol. 6 (3), Aug 2014, pp. 116-120
Effect of mobile phone usage time on total antioxidant capacity of saliva and salivary immunoglobulin a	2014-04	Arbabi-Kalati F, Salimi S, Vaziry-Rabiee A, Noraei M	Department of Oral Medicine, Genetics of Non-Communicable Disease Research Center, Zahedan University of Medical Sciences, Zahedan, Iran; Department of Biochemistry, Cellular and Molecular Research Center, Zahedan University of Medical Sciences, Zahedan, Iran; Department of Dentistry, Zahedan University of Medical Sciences, Zahedan, Iran	Iranian Journal of Public Health, Vol. 43 (4), Apr 2014, pp. 480-484
Review of Radiofrequency Health Effects Research - Scientific Literature 2000 - 2012	2014-03	Australian Government, Australian Radiation Protection and Nuclear Safety Agency (ARPANSA)	Australian Radiation Protection and Nuclear Safety Agency	ARPANSA Technical Report Series No. 164

Effects of microwaves (950 MHz mobile phone) on morphometric and apoptotic changes of rabbit epididymis	2015-08	Azadi Oskouyi E, Rajaei F, Safari Variani A, Sarokhani MR, Javadi A	Department of Anatomy, Qazvin University of Medical Sciences, Qazvin, Iran; Cell and Molecular Research Center, Qazvin University of Medical Sciences, Qazvin, Iran; Department of Occupational Health, Qazvin University of Medical Sciences, Qazvin, Iran; Department of Statistics, Qazvin University of Medical Sciences, Qazvin, Iran	Andrologia, Vol. 47 (6), Aug 2015, pp. 700-705
Hsp70 is an independent stress marker among frequent users of mobile phones	2014	Balakrishnan K, Murali V, Rathika C, Manikandan T, Malini RP, Kumar RA, Krishnan M	Department of Immunology, School of Biological Sciences, Madurai Kamaraj University, Madurai, Tamil Nadu, India; Department of Biotechnology & Genetic Engineering, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India; Department of Pediatric Nephrology, Institute of Child Health & Hospital for Children, Dr. M. G. R. Medical University, Chennai, Tamil Nadu, India; Department of Environmental Biotechnology, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India	Journal of Environmental Pathology, Toxicology and Oncology, Vol. 33 (4), 2014, pp. 339-347
Comparing non-specific physical symptoms in environmentally sensitive patients: prevalence, duration, functional status and illness behavior	2014-05	Baliatsas C, van Kamp I, Hooiveld M, Yzermans J, Lebrecht E	Institute for Risk Assessment Sciences (IRAS), Utrecht University, Utrecht, The Netherlands; National Institute for Public Health and the Environment (RIVM), Bilthoven, The Netherlands; Netherlands Institute for Health Services Research (NIVEL), Utrecht, The Netherlands	Journal of Psychosomatic Research, Vol. 76 (5), May 2014, pp. 405-413
Reduzierte Fruchtbarkeit und vermehrte Missbildungen unter Mobilfunkstrahlung- Dokumentation aus einem landwirtschaftlichen Nutzbetrieb	2014	Buchner K, Eger H, Hopper J	Ärztlicher Qualitätszirkel „Elektromagnetische Felder in der Medizin - Diagnostik, Therapie, Umwelt“	Umwelt - Medizin - Gesellschaft, Vol. 27 (3), 2014, pp. 182-191
The assessment of electromagnetic field radiation exposure for mobile phone users	2014	Buckus R, Strukcinskiene B, Raistenskis J	Faculty of Health Sciences, Klaipeda University, Klaipeda, Lithuania; Faculty of Medicine, Vilnius University, Vilnius, Lithuania	Vojnosanitetski Pregled, Vol. 71 (12), 2014, pp. 1138-1143
Time Averaged Transmitter Power and Exposure to Electromagnetic Fields from Mobile Phone Base Stations	2014-08	Bürgi A, Scanferla D, Lehmann H	ARIAS umwelt.forschung.beratung, Switzerland; Swisscom (Switzerland) Ltd., Innovation, Mobile Access, Switzerland	International Journal of Environmental Research and Public Health, Vol. 11, Aug 2014, pp. 8025-8037
Modelling indoor electromagnetic fields (EMF) from mobile phone base stations for epidemiological studies	2014-06	Beekhuizen J, Vermeulen R, van Eijsden M, van Strien R, Burgi A, Loomans E, Guxens M, Kromhout H, Huss A	Institute for Risk Assessment Sciences (IRAS), Division Environmental Epidemiology, Utrecht University, Utrecht, The Netherlands; Department of Epidemiology and Health Promotion, Public Health Service of Amsterdam (GGD), Amsterdam, The Netherlands; Department of Environmental Health, Public Health Service of Amsterdam (GGD), Amsterdam, The Netherlands; ARIAS umwelt.forschung.beratung, Bern, Switzerland	Environment International, Vol. 67 (0), Jun 2014, pp. 22-26
Assessment of extremely low frequency magnetic field exposure from GSM mobile phones	2014-04	Calderon C, Addison D, Mee T, Findlay R, Maslanyj M, Conil E, Kromhout H, Lee AK, Sim MR, Taki M, Varsier N, Wiart J, Cardis E	Centre for Radiation, Chemical and Environmental Hazards, Public Health England, Chilton, UK; Whist Lab, Paris, France; Institute for Risk Assessment Science, Utrecht University, Utrecht, The Netherlands; Radio Technology Research Department, Electronics and Telecommunications Research Institute (ETRI), Daejeon, Korea; Department of Epidemiology and Preventive Medicine, Monash University, Melbourne, Victoria, Australia; Department of Electrical Engineering, Tokyo Metropolitan University, Tokyo, Japan; Centre for Research in Environmental Epidemiology (CREAL), Barcelona, Spain; Biomedical Research Centre Network for Epidemiology and Public Health (CIBERESP), Barcelona, Spain	Bioelectromagnetics, Vol. 35 (3), Apr 2014, pp. 210-221
Effects of 900 MHz radiofrequency radiation on skin hydroxyproline contents	2014-09	Cam ST, Seyhan N, Kavakli C, Celikbicak O	Biophysics Department, Faculty of Medicine, Gazi University, Ankara, Turkey; Chemistry Department, Hacettepe University, Beytepe, Ankara, Turkey	Cell Biochemistry and Biophysics, Vol. 70 (1), Sep 2014, pp. 643-649
Ants can be used as bio-indicators to reveal biological effects of electromagnetic waves from some wireless apparatus	2014-12	Cammaerts MC, Johansson O	Faculté des sciences, le département de Biologie des Organismes (DBO), Université Libre de Bruxelles, Brussels, Belgium; The Experimental Dermatology Unit, Department of Neuroscience, Karolinska Institute, Stockholm, Sweden	Electromagnetic Biology and Medicine, Vol. 33 (4), Dec 2014, pp. 282-288
Decreased Survival of Glioma Patients with Astrocytoma Grade IV (Glioblastoma Multiforme) Associated with Long-Term Use of Mobile and Cordless Phones	2014-10	Carlberg M, Hardell L	Department of Oncology, University Hospital, Sweden	International Journal of Environmental Research and Public Health, Vol. 11, Oct 2014, pp. 10790-10805
Mobile phone use and health symptoms in children	2015-07	Chiu CT, Chang YH, Chen CC, Ko MC, Li CY	Department of Dentistry, Tainan Municipal An-Nan Hospital, China Medical University, Tainan, Taiwan; Department of Public Health, College of Medicine, National Cheng Kung University, Tainan, Taiwan; Department of Health Care Management, National Taipei University of Nursing and Health Sciences, Taipei, Taiwan; Department of Surgery, Zhong-Xing Branch of Taipei City Hospital, Taipei, Taiwan; School of Medicine, National Yang-Ming University, Taipei, Taiwan; Department of Public Health, College of Public Health, China Medical University, Taichung, Taiwan	Journal of Formosan Medical Association, Vol. 114 (7), Jul 2015, pp. 598-604

Effects of short-term radiation emitted by WCDMA mobile phones on teenagers and adults	2014-05	Choi SB, Kwon MK, Chung JW, Park JS, Chung K, Kim DW	Department of Medical Engineering, Yonsei University College of Medicine, Seoul, Republic of Korea; Brain Korea 21 PLUS Project for Medical Science, Yonsei University College of Medicine, Seoul, Republic of Korea; Graduate Program in Biomedical Engineering, Yonsei University, Seoul, Republic of Korea; Department of Medicine, Yonsei University College of Medicine, Seoul, Republic of Korea; Department of Electrical System, Dong Yang Mirae University, Seoul, Republic of Korea	BMC Public Health, Vol. 14 (1), May 2014
Efficient whole-body SAR assessments by means of surface scan measurements	2014-06	Colombi D, Thors B, Jonsson BLG	Ericsson Res., Ericsson AB, Stockholm, Sweden	IEEE Transactions on Electromagnetic Compatibility, Vol. 56 (3), Jun 2014, pp. 539-548
Possible risks due to exposure of workers and patients with implants by TETRA transmitters	2014-04	Cecil S, Neubauer G, Rauscha F, Stix G, Muller W, Breithuber C, Glanzer M	Seibersdorf Laboratories, Seibersdorf, Austria; Austrian Institute of Technology, Seibersdorf, Austria; Medical University, Vienna, Austria; Federal Ministry for the Interior, Vienna, Austria; Austrian Red Cross, Vienna, Austria	Bioelectromagnetics, Vol. 35 (3), Apr 2014, pp. 192-200
Mobile phone use and brain tumours in the CERENAT case-control study	2014-07	Coureau G, Bouvier G, Lebailly P, Fabbro-Peray P, Gruber A, Lefondre K, Guillamo JS, Loiseau H, Mathoulin-Pelissier S, Salamon R, Baldi I	Laboratoire Santé Travail Environnement, Univ. Bordeaux, ISPED, Bordeaux, France; INSERM, ISPED, Centre INSERM U897-Epidémiologie-Biostatistique, Bordeaux, France; CHU de Bordeaux, Service d'information médicale, Bordeaux, France; INSERM, UMR1086-Cancers et Préventions, Caen, France; Univ. Caen Basse-Normandie, Caen, France; Centre François Baclesse, Caen, France; Laboratoire d'Epidémiologie et de Biostatistiques, Univ. Montpellier, Institut Universitaire de Recherche Clinique, Montpellier, France; Département d'informatique médicale, CHU de Nîmes, Nîmes, France; Département de neurologie, CHU de Caen, Caen, France; Service de Neurochirurgie, CHU de Bordeaux, Bordeaux, France; Service de Médecine du Travail, CHU de Bordeaux, Bordeaux, France	Occupational & Environmental Medicine, Vol. 71 (7), Jul 2014, pp. 514-522
Behavior and memory evaluation of Wistar rats exposed to 1.8 GHz radiofrequency electromagnetic radiation	2014-09	de Caires Jr LC, da Silveira Goulart Guimarães E, Manso Musso C, Stabler CT, Garcia RMG, Mourao Jr CA, Andreazzi AE	Department of Biology, Federal University of Juiz de Fora, Brazil; Temple University School of Engineering Department of Bioengineering, Philadelphia, PA, USA; Department of Physiology, Federal University of Juiz de Fora, Brazil	Neurological Research, Vol. 36 (9), Sep 2014, pp. 800-803
Cell phone use and parotid salivary gland alterations: no molecular evidence	2014-07	de Souza FT, Correia-Silva JF, Ferreira EF, Siqueira EC, Duarte AP, Gomez MV, Gomez RS, Gomes CC	Departments of Oral Surgery and Pathology and Social and Preventive Dentistry, School of Dentistry, School of Medicine; Department of Pathology, Institute of Biological Sciences, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil	Cancer Epidemiology, Biomarkers & Prevention, Vol. 23 (7), Jul 2014, pp. 1428-1431
Acute Effect of Mobile Phone on Cardiac Electrical Activity in Healthy Volunteers	2014-03	Devasia T, Nandra A, Kareem H, Manu MK, Thakkar AS	Department of Cardiology, Kasturba Medical College & Hospital, Manipal, India; Department of Pulmonary Medicine, Kasturba Medical College & Hospital, Manipal, India; Department of Clinical Trials, Sahjanand Medical Technologies Pvt. Ltd., Surat, India	International Journal of Clinical Medicine, Vol. 5 (5), Mar 2014, pp. 167-170
Study of effects of commercial shielding products attached to mobile phone on human body with implanted medical device	2014-05 published online	Diao YL, Sun WN, Chan KH, Leung SW, Siu YM	Department of Electronic Engineering, City University of Hong Kong, Hong Kong	IEEE International Symposium on Electromagnetic Compatibility, Conference Date 12-16 May 2014, published online, pp. 226-229
Mobile phones, brain tumors, and the limits of science	2014-07	Elwood JM	School of Population Health, Department of Epidemiology and Biostatistics, University of Auckland, Auckland, New Zealand	Bioelectromagnetics, Vol. 35 (5), Jul 2014, pp. 379-83

Extensive frequency selective measurements of radiofrequency fields in outdoor environments performed with a novel mobile monitoring system	2014-04	Estenberg J, Augustsson T	Swedish Radiation Safety Authority, Stockholm, Sweden	Bioelectromagnetics, Vol. 35 (3), Apr 2014, pp. 227-230
Design of Miniaturized Double-Negative Material for Specific Absorption Rate Reduction in Human Head	2014-10 published online	Faruque MR, Islam MT	Centre for Space Science (ANGKASA), Research Centre Building, Universiti Kebangsaan Malaysia, UKM, Bangi, Selangor D. E., Malaysia	PLOS one, Vol. 9 (10), published online Oct 2014
UK case control study of brain tumours in children, teenagers and young adults: a pilot study	2014-01	Feltbower RG, Fleming SJ, Picton SV, Alston RD, Morgan D, Achilles J, McKinney PA, Birch JM	Division of Epidemiology and Biostatistics, School of Medicine, University of Leeds, UK; Paediatric Haematology and Oncology, The General Infirmary at Leeds, Leeds Teaching Hospitals NHS Trust, UK; Cancer Research UK Paediatric and Familial Cancer Research Group, Manchester Academic Health Science Centre, University of Manchester, Manchester, UK	BMC Research Notes, Vol. 7 (14), Jan 2014
Electromagnetic Absorption Rate in a Multilayer Human Tissue Model Exposed to Base-Station Radiation Using Transmission Line Analysis	2014-05	Ferikoglu A, Cerezci O, Kahriman M, Yener SC	Dept. of Electr. & Electron. Eng., Sakarya Univ., Sakarya, Turkey	IEEE Antennas and Wireless Propagation Letters, Vol. 13, May 2014, pp. 903-906
Are Children More Exposed to Radio Frequency Energy From Mobile Phones Than Adults?	2014-12	Foster KR, Chou C	Department of Bioengineering, University of Pennsylvania, Philadelphia, USA; C-K. Chou Consulting, Fort Lauderdale, USA	IEEE Access, Vol. 2, Dec 2014, pp. 1497-1509
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Diverse radiofrequency sensitivity and radiofrequency effects of mobile or cordless phone near fields exposure in <i>Drosophila melanogaster</i>	2014-11 published online	Geronikolou S, Zimeras S, Davos CH, Michalopoulos I, Tsitomeneas S	Biomedical Research Foundation of Academy of Athens, Athens, Greece; Department of Electronics, TEI of Piraeus, Athens, Greece; Department of Mathematics, Division of Statistics and Actuarial-Financial Mathematics, University of the Aegean, Karlovassi, Samos, Greece	PLOS one, Vol. 9 (11), published online Nov 2014
Analysis of the influence of handset phone position on RF exposure of brain tissue	2014-12	Ghanmi A, Varsier N, Hadjem A, Conil E, Picon O, Wiart J	Orange Labs Networks and Carriers (OLNC)/Social Responsibility and Human (SRH), Issy Les Moulineaux, France; WHIST Lab Common Laboratory of Orange Labs and Institute Telecom, Paris, France; Electronics, Communication Systems and Microsystems (ESYCOM), Paris-East University, Marne-la-Vallée, France; Agence Nationale des Fréquences (ANFR), Paris, France	Bioelectromagnetics, Vol. 35 (8), Dec 2014, pp. 568-579
Letter to the Editor: Subjective Symptoms Related to GSM Radiation from Mobile Phone Base Stations: a cross-sectional study	2014-03	Mortazavi SM	Professor of Medical Physics, Medical Physics & Medical Engineering Department The Center for Research on Protection against Ionizing and Non-ionizing Radiation Shiraz University of Medical Sciences Shiraz, Iran	Journal of Biomedical & Physics Engineering, Vol. 4 (1), Mar 2014, pp. 39-40
Comment to the Letter to the Editor: Subjective Symptoms Related to GSM Radiation from Mobile Phone Base Stations: A Cross-sectional Study in Reply to the Comments by Seyed Mohammad Javad Mortazavi	2014-06	Gomez-Perretta C, Navarro E, Segura J, Portoles M	Research Center, University Hospital La Fe, Valencia, Spain; University of València, Spain	Journal of Biomedical & Physics Engineering, Vol. 4 (2), Jun 2014, pp. 41-42

Evaluation of exposure to electromagnetic radiofrequency radiation in the indoor workplace accessible to the public by the use of frequency-selective exposimeters	2014-12	Gryz K, Karpowicz J, Leszko W, Zradzinski P	Laboratory of Electromagnetic Hazards, Central Institute for Labour Protection - National Research Institute, Warszawa, Poland	International Journal of Occupational Medicine and Environmental Health, Vol. 27 (6), Dec 2014, pp. 1043-1054
Letter to the Editor: Long-term mobile phone use and acoustic neuroma	2014-09	Hardell L, Carlberg M	Department of Oncology, University Hospital Örebro, Sweden	Epidemiology, Vol. 25 (5), Sep 2014, pp. 778-779
Response to the Letter to the Editor: Long-term mobile phone use and acoustic neuroma	2014-09	Pettersson D, Feychting M	Institute of Environmental Medicine, Karolinska Institutet Stockholm, Sweden	Epidemiology, Vol. 25 (5), Sep 2014, pp. 778-779
Letter to the Editor: Mobile phones and cancer: next steps	2014-07	Hardell L, Carlberg M, Söderqvist F, Hansson Mild K	Department of Oncology, University Hospital Örebro, Sweden; Centre for Clinical Research, Uppsala University, Central Hospital of Västerås, Västerås, Sweden; Department of Radiation Physics, Umeå University, Umeå, Sweden	Epidemiology, Vol. 25 (4), Jul 2014, pp. 617-618
Response to the Letter to the Editor: Mobile phones and cancer: next steps	2014-07	Samet JM, Straif K, Schuz J, Saracci R	Department of Preventive Medicine, Keck School of Medicine of USC, Los Angeles, California, USA; Institute for Global Health, University of Southern California, Los Angeles, California, USA; Section of IARC Monographs, International Agency for Research on Cancer, Lyon, France; Section of Environment and Radiations, International Agency for Research on Cancer, Lyon, France	Epidemiology, Vol. 25 (4), Jul 2014, pp. 617-618
Effect of electromagnetic radiations on neurodegenerative diseases - technological revolution as a curse in disguise	2014-10	Hasan GM, Sheikh IA, Karim S, Haque A, Kamal MA, Chaudhary AG, Azhar E, Mirza Z	Department of Biochemistry, College of Medicine, Salman Bin Abdulaziz University, Saudi Arabia; King Fahd Medical Research Center, Center of Excellence in Genomic Medicine Research, Faculty of Applied Medical Sciences and Special Infectious Agents Unit, King Abdulaziz University, Saudi Arabia	CNS & Neurological Disorders - Drug Targets, Vol. 13 (8), Oct 2014, pp. 1406-1412
Effect of mobile phone use on salivary concentrations of protein, amylase, lipase, immunoglobulin A, lysozyme, lactoferrin, peroxidase and C-reactive protein of the parotid gland	2014-05	Hashemipour MS, Yarbakht M, Gholamhosseinian A, Famori H	Oral and Dental Diseases Research Center, Kerman, Iran; Department of Oral Medicine, School of Dentistry, Kerman University of Medical Sciences, Kerman, Iran; Department of Pediatric Dentistry, Mashhad Dental School, Mashhad University of Medical Sciences, Kerman, Iran; Department of Biochemistry, Kerman Medical School, Kerman Physiology Research Center, Kerman University of Medical Sciences, Kerman, Iran; Department of Mechanical Engineering, Shahid Bahonar University, Kerman, Iran	The Journal of Laryngology & Otology, Vol. 128 (5), May 2014, pp. 454-462
Lifestyle and semen quality: role of modifiable risk factors	2014-02	Jurewicz J, Radwan M, Sobala W, Ligocka D, Radwan P, Bochenek M, Hanke W	Department of Environmental Epidemiology, Nofer Institute of Occupational Medicine, Lodz, Poland; Department of Gynecology and Reproduction; Gameta Hospital, Rzgów, Poland; Department of Toxicology and Carcinogenesis, Nofer Institute of Occupational Medicine, Lodz, Poland; Department of Biotechnology of Animal Reproduction, National Research Institute of Animal Production, Kraków-Balice, Poland	Systems Biology in Reproductive Medicine, Vol. 60 (1), Feb 2014, pp. 43-51
Selenium Reduces Mobile Phone (900 MHz)-Induced Oxidative Stress, Mitochondrial Function, and Apoptosis in Breast Cancer Cells	2014-08	Kahya MC, Naziroglu M, Cig B	Department of Biophysics, Faculty of Medicine, Izmir Katip Celebi University, Izmir, Turkey; Neuroscience Research Center, Suleyman Demirel University, Isparta, Turkey; Department of Biophysics, Faculty of Medicine, Suleyman Demirel University, Isparta, Turkey; Department of Physiology and Biophysics, Weill Cornell Medical College in Qatar, Qatar Foundation, Doha, Qatar	Biological Trace Element Research, Vol. 160 (2), Aug 2014, pp. 285-293
The effects of electromagnetic waves emitted by the cell phones on the testicular tissue	2014-12	Karaman MI, Gokce AM, Koca O, Karaman B, Ozturk MI, Yurdakul N, Ercan F	Haydarpasa Numune Training and Research Hospital, Department of Urology, Istanbul, Turkey; Marmara University School of Medicine, Department of Histology and Embryology, Istanbul, Turkey	Archivio Italiano di Urologia e Andrologia, Vol. 86 (4), Dec 2014, pp. 274-277

Evaluation of radiofrequency exposure levels from multiple wireless installations in population dense areas in Korea	2014-12	Kim BC, Kim WK, Lee GT, Choi HD, Kim N, Paek JK	Radio Technology Research Department, ETRI, Daejeon, Republic of Korea; Korea Communications Agency, Seoul, Republic of Korea; School of Information and Communication Engineering, Chungbuk National University, Cheongju, Republic of Korea; Department of Radio Science and Engineering, Chungnam National University, Daejeon, Republic of Korea	Bioelectromagnetics, Vol. 35 (8), Dec 2014, pp. 603-606
Effects of Early-Onset Radiofrequency Electromagnetic Field Exposure (GSM 900 MHz) on Behavior and Memory in Rats	2014-10	Klose M, Grote K, Spathmann O, Streckert J, Clemens M, Hansen VW, Lerchl A	School of Engineering and Science, Jacobs University Bremen, Bremen, Germany; Chair of Electromagnetic Theory, University of Wuppertal, Wuppertal, Germany	Radiation Research, Vol. 182 (4), Oct 2014, pp. 435-447
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To the Editor: Mobile phones and cancer: next steps	2014-07	Langer CE, Grellier J, Turner MC, Cardis E	Radiation Programme, Centre for Research in Environmental Epidemiology (CREAL), Barcelona, Spain; Universitat Pompeu Fabra (UPF), Barcelona, Spain; Ciber Epidemiología y Salud Pública (CIBERESP), Madrid, Spain	Epidemiology, Vol. 25 (4), Jul 2014, pp. 616-617
Influence of smartphone wi-fi signals on adipose-derived stem cells	2014-09	Lee SS, Kim HR, Kim MS, Park S, Yoon ES, Park SH, Kim DW	Department of Plastic and Reconstructive Surgery, Korea University Medical Center; and Korea Electronics Technology Institute	Journal of Craniofacial Surgery, Vol. 25 (5), Sep 2014, pp. 1902-1907
Synoptic Analysis of Epidemiologic Evidence of Brain Cancer Risks from Mobile Communication	2014-12	Leitgeb N	Institute of Health Care Engineering with European Notified Body of Medical Devices, Graz University of Technology, Graz, Austria	Journal of Electromagnetic Analysis and Applications, Vol. 6 (14), Dec 2014, pp. 413-424
Occupational electromagnetic field exposures associated with sleep quality: a cross-sectional study	2014-10 published online	Liu H, Chen G, Pan Y, Chen Z, Jin W, Sun C, Chen C, Dong X, Chen K, Xu Z, Zhang S, Yu Y	Department of Epidemiology & Health Statistics, School of Public Health, School of Medicine, Zhejiang University, Hangzhou, Zhejiang, China; Bioelectromagnetics Laboratory, School of Medicine, Zhejiang University, Hangzhou, Zhejiang, China; Chronic Disease Research Institute, School of Public Health, School of Medicine, Zhejiang University, Hangzhou, Zhejiang, China; Yiwu Center for Disease Control and Prevention, Yiwu, Zhejiang, China	PLOS one, Vol. 9 (10), published online Oct 2014
Association between mobile phone use and semen quality: a systemic review and meta-analysis	2014-07	Liu K, Li Y, Zhang G, Liu J, Cao J, Ao L, Zhang S	Institute of Computing Medicine, Third Military Medical University, Chongqing, China; Institute of Toxicology, College of Preventive Medicine, Third Military Medical University, Chongqing, China; Department of Social Medicine and Health Service Management, College of Preventive Medicine, Third Military Medical University, Chongqing, China	Andrology, Vol. 2 (4), Jul 2014, pp. 491-501
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Drosophila oogenesis as a bio-marker responding to EMF sources	2014-09	Margaritis LH, Manta AK, Kokkalias KD, Schiza D, Alimisis K, Barkas G, Georgiou E, Giannakopoulou O, Kollia I, Kontogianni G, Kourouzidou A, Myari A, Roumelioti F, Skouroliakou A, Sykioti V, Varda G, Xenos K, Ziomas K	Department of Cell Biology and Biophysics, Faculty of Biology, University of Athens, Panepistimiopolis, Athens, Greece; Department of Physics and Chemistry, T.E.I. of Athens, Agiou Spuridonos, Aigaleo, Athens, Greece	Electromagnetic Biology and Medicine, Vol. 33 (3), Sep 2014, pp. 165-189
Protective role of sesame oil against mobile base station-induced oxidative stress	2014-01	Marzook EM, Abd El Moneim AE, Elhadary AA	Biological Application Department, Nuclear Research Center, Atomic Energy Authority, Cairo, Egypt	Journal of Radiation Research and Applied Sciences, Vol. 7 (1), Jan 2014, pp. 1-6
Alteration of glycine receptor immunoreactivity in the auditory brainstem of mice following three months of exposure to radiofrequency radiation at SAR 4.0 W/kg	2014-08	Maskey D, Kim HG, Suh MW, Roh GS, Kim MJ	Departments of Anatomy and Pharmacology, Dankook University College of Medicine, Cheonan-si, Chungnam, Republic of Korea; Department of Otorhinolaryngology, Seoul National University Hospital, Jongno-gu, Seoul, Republic of Korea; Department of Anatomy, Institute of Health Sciences, Gyeongsang National University School of Medicine, Jinju, Gyeongsang, Republic of Korea	International Journal of Molecular Medicine, Vol. 34 (2), Aug 2014, pp. 409-419
Effects of 900 MHz electromagnetic field emitted by cellular phones on electrocardiograms of guinea pigs	2014-02	Meral I, Tekintangac Y, Demir H	Department of Physiology, School of Medicine, Bezmialem Vakif University, Istanbul, Turkey; Health Sciences Institute, Yuzuncu Yil University, Van, Turkey; Department of Chemistry, Division of Biochemistry, Faculty of Science, Yuzuncu Yil University, Van, Turkey	Human & Experimental Toxicology, Vol. 33 (2), Feb 2014, pp. 164-169
A survey of health effects of electromagnetic fields	2014-01	Mohamed MA, Abdelrazek MM, Zewita MS	Faculty of Engineering, Mansoura University, Mansoura, Egypt	International Journal of Computer Science Issues, Vol. 11 (1), Jan 2014, pp. 167-171
Association between vestibular schwannomas and mobile phone use	2014-01	Moon IS, Kim BG, Kim J, Lee JD, Lee WS	Department of Otorhinolaryngology, Yonsei University College of Medicine, Seoul, South Korea; Department of Radiology, Yonsei University College of Medicine, Seoul, South Korea; Department of Otorhinolaryngology-Head and Neck Surgery, Soonchunhyang University College of Medicine, Bucheon, South Korea	Tumor Biology, Vol. 35 (1), Jan 2014, pp. 581-587
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Looking at the other side of the coin: the search for possible biopositive cognitive effects of the exposure to 900 MHz GSM mobile phone radiofrequency radiation	2014-04	Mortazavi SA, Tavakkoli-Golpayegani A, Haghani M, Mortazavi SM	Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Standard Research Institute, Tehran, Iran; Department of Medical Physics and Medical Engineering, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics & Medical Engineering Department, School of Medicine, Imam Hossein, Shiraz, Iran	Journal of Environmental Health Science & Engineering, Vol. 12 (75), Apr 2014

Does the ringtone or radiofrequency radiation of a mobile phone affect reaction time of its owner?	2014-01	Mortazavi SM	Medical Physics & Medical Engineering Department School of Medicine, Shiraz, Iran	International Journal of Occupational Medicine and Environmental Health, Vol. 27 (1), Jan 2014, pp. 149-150
Non-linear adaptive phenomena which decrease the risk of infection after pre-exposure to radiofrequency radiation	2014	Mortazavi SM, Motamedifar M, Namdari G, Taheri M, Mortazavi AR, Shokrpour N	Medical Physics Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; The Center for Research in Ionizing and Non-Ionizing Radiation, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Bacteriology, School of Medicine and Shiraz HIV/Aids Research Center (SHARC), Shiraz University of Medical Sciences, Shiraz, Iran; School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Laboratory Sciences Department, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran	Dose-Response, Vol. 12 (2), 2014, pp. 233-245
Biochemical modifications and neuronal damage in brain of young and adult rats after long-term exposure to mobile phone radiations	2014-11	Motawi TK, Darwish HA, Moustafa YM, Labib MM	Department of Biochemistry, Faculty of Pharmacy, Cairo University, Kasr Al-Aini Street, Cairo, Egypt; Department of Pharmacology and Toxicology, Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt	Cell Biochemistry and Biophysics, Vol. 70 (2), Nov 2014, pp. 845-855
Does exposure to GSM 900 MHz mobile phone radiation affect short-term memory of elementary school students?	2014-05	Movvahedi MM, Tavakkoli-Golpayegani A, Mortazavi SA, Haghani M, Razi Z, Shojaie-Fard MB, Zare M, Mina E, Mansourabadi L, Nazari-Jahromi, Safari A, Shokrpour N, Mortazavi SM	Department of Medical Physics, Shiraz University of Medical Sciences, Shiraz, Iran; Standard Research Institute, Tehran, Iran; Department of School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Radiology, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; The Center for Research on Protection against Ionizing and Nonionizing Radiation, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Medical Physics and Medical Engineering, Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Pediatric Neurosciences, Vol. 9 (2), May 2014, pp. 121-124
Modeling of EEG electrode artifacts and thermal ripples in human radiofrequency exposure studies	2014-05	Murbach M, Neufeld E, Christopoulou M, Achermann P, Kuster N	IT'IS Foundation, Zurich, Switzerland; Swiss Federal Institute of Technology (ETH), Zurich, Switzerland; Biomedical Simulations and Imaging Laboratory, National Technical University, Athens, Greece; Institute of Pharmacology and Toxicology, University of Zurich, Zurich, Switzerland; Zurich Center for Integrative Human Physiology, University of Zurich, Zurich, Switzerland; Neuroscience Center, University and ETH Zurich, Zurich, Switzerland	Bioelectromagnetics, Vol. 35 (4), May 2014, pp. 273-283
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Mobile phone radiation alters proliferation of hepatocarcinoma cells	2014-11	Ozgun E, Guler G, Kismali G, Seyhan N	Department of Biophysics and Gazi Non-Ionizing Radiation Protection Center, Gazi University Medical Faculty, Ankara, Turkiye; Gazi Üniversitesi Tıp Fakültesi Biyofizik Abd., Ankara, Turkey; Department of Biochemistry, Ankara University Faculty of Veterinary Medicine, Ankara, Turkiye	Cell Biochemistry and Biophysics, Vol. 70 (2), Nov 2014, pp. 983-991
Does exposure to a radiofrequency electromagnetic field modify thermal preference in juvenile rats?	2014-06 published online	Pelletier A, Delanaud S, de Seze R, Bach V, Libert JP, Loos N	PérisTox Laboratory, Faculty of Medicine, Jules Verne University of Picardy, Amiens, France; PérisTox Laboratory, Experimental Toxicology Unit, National Institute of Industrial Environment and Risks (INERIS), Verneuil-en-Halatte, France	PLOS one, Vol. 9 (6), published online Jun 2014
Effect of exposure and withdrawal of 900-MHz-electromagnetic waves on brain, kidney and liver oxidative stress and some biochemical parameters in male rats	2014-04 published online	Ragy MM	Department of Physiology, Faculty of Medicine, Minia University, Minia, Egypt	Electromagnetic Biology and Medicine, published Apr 2014
Use of mobile phones and brain cancer risk in children	2014	Röösli M, Feychting M, Schüz J	Department of Epidemiology and Public Health, Swiss Tropical and Public Health Institute, Basel, Switzerland; Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden; Section of Environment and Radiation, International Agency for Research on Cancer (IARC), Lyon, France	Tumors of the Central Nervous System, Vol. 13, 2014, pp. 293-300
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The effect of radiofrequency radiation generated by a Global System for Mobile Communications source on cochlear development in a rat model	2014-05	Seckin E, Suren Basar F, Atmaca S, Kaymaz FF, Suzer A, Akar A, Sunan E, Koyuncu M	Department of Otolaryngology Head and Neck Surgery, Ondokuz Mayis University School of Medicine, Samsun, Turkey; Department of Histology and Embryology, Hacettepe University School of Medicine, Ankara, Turkey; Department of Biophysics, Ondokuz Mayis University School of Medicine, Samsun, Turkey; Department of Electric and Electronic Engineering, Ondokuz Mayis University School of Engineering, Samsun, Turkey	The Journal of Laryngology & Otology, Vol. 128 (5), May 2014, pp. 400-405
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Electromagnetic Radiation Health Effects in Exposed and Non-Exposed Residents in Penang	2014-04	Suleiman A, Gee TT, Krishnapillai AD, Khalil AM, Hamid MWA, Mustapa M	Community Medicine Department, National Defence University, Kuala Lumpur, Malaysia; Klinik Public, Sungai Ara, Penang, Malaysia	Journal of Geoscience and Environment Protection, Vol. 2 (2), Apr 2014, pp. 77-83
The risk of subjective symptoms in mobile phone users in Poland - An epidemiological study	2014-04	Szyjowska A, Gadzicka E, Szymczak W, Borkiewicz A	Department of Work Physiology and Ergonomics, Nofer Institute of Occupational Medicine, Łódź, Poland; Department of Psychological Research Methodology and Statistics, University of Lodz, Łódź, Poland; Work Physiology and Ergonomic Department, Nofer Institute of Occupational Medicine, Łódź, Poland	International Journal of Occupational Medicine and Environmental Health, Vol. 27 (2), Apr 2014, pp. 293-303
Noninvasive assessment of metabolic effects of exposure to 900 MHz electromagnetic fields on Djungarian hamsters (Phodopus sungorus)	2014-06	Taberski K, Klose M, Grote K, El Ouardi A, Streckert J, Hansen VW, Lerchl A	School of Engineering and Science, Jacobs University Bremen, Bremen, Germany; Chair of Electromagnetic Theory, University of Wuppertal, Wuppertal, Germany	Radiation Research, Vol. 181 (6), Jun 2014, pp. 617-622
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Lack of interaction between concurrent caffeine and mobile phone exposure on visual target detection: an ERP study	2014-09	Trunk A, Stefanics G, Zentai N, Bacskay I, Felinger A, Thuroczky G, Hernadi I	Department of Experimental Neurobiology, University of Pécs, Hungary; Szentágothai Research Centre, University of Pécs, Hungary; Translational Neuromodeling Unit (TNU), Institute for Biomedical Engineering, University of Zurich & ETH Zurich, Switzerland; Laboratory for Social and Neural Systems Research, Department of Economics, University of Zürich, Switzerland; Department of Analytical and Environmental Chemistry, University of Pécs, Hungary; National Institute for Radiobiology and Radiohygiene (NIRR), Budapest, Hungary	Pharmacology Biochemistry and Behavior, Vol. 124, Sep 2014, pp. 412-420
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Assessment of radio frequency exposures in schools, homes, and public places in Belgium	2014-12	Verloock L, Joseph W, Goeminne F, Martens L, Verlaek M, Constandt K	Department of Information Technology, Ghent University/iMinds, Ghent, Belgium; Department of Environment, Nature and Energy (LNE), Flemish government, Brussels, Belgium	Health Physics, Vol. 107 (6), Dec 2014, pp. 503-513
Adaptive response in mammalian cells exposed to non-ionizing radiofrequency fields: a review and gaps in knowledge	2014-04	Vijayalaxmi, Cao Y, Scarfi MR	Department of Radiology, University of Texas Health Science Center, San Antonio, Texas, USA; School of Public Health, Medical College of Soochow University, Suzhou, People's Republic of China; CNR – Institute for Electromagnetic Sensing of Environment, Napoli, Italy	Mutation Research/Reviews in Mutation Research, Vol. 760, Apr 2014, pp. 36-45
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The effects of mobile phones on apoptosis in cerebral tissue: an experimental study on rats	2014	Yilmaz A, Yilmaz N, Serarslan Y, Aras M, Altas M, Ozgur T, Sefil F	Clinic of Neurosurgery Bayburt, Bayburt State Hospital, II, Bayburt, Turkey; Department of Neurosurgery, Yildirim Beyazit University, Ankara, Turkey; Department of Neurosurgery, Mustafa Kemal University, Hatay, Turkey; Department of Neurosurgery, Akdeniz University, Antalya, Turkey; Department of Pathology, Mustafa Kemal University, Hatay, Turkey; Department of Histology, Mustafa Kemal University, Hatay, Turkey	European Review for Medical and Pharmacological Sciences, Vol. 18 (7), 2014, pp. 992-1000
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Mobile usage and sleep patterns among medical students	2014-01	Yogesh S, Abha S, Priyanka S	Physiology, Himalayan Institute of Medical Sciences, Dehradun, India; Physiology, Raja Rajeshwari Medical College, Bangalore, India	Indian Journal of Physiology and Pharmacology, Vol. 58 (1), 2014, pp. 100-103
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National surveys of radiofrequency field strengths from radio base stations in Africa	2014-02	Joyner KH, van Wyk MJ, Rowley JT	Joyner & Associates Pty Ltd, Heathmont, Australia; EMSS Consulting, Stellenbosch, South Africa; GSM Association, London, UK	Radiation Protection Dosimetry, Vol. 158 (3), Feb 2014, pp. 251-262
Risk perception and public concerns of electromagnetic waves from cellular phones in Korea	2014-05	Kim K, Kim HJ, Song DJ, Cho YM, Choi JW	Institute for Occupational and Environmental Health, Korea University, Seoul, Korea; Department of Environmental Health Science, Graduate School of Public Health, Korea University, Seoul, Korea; Department of Preventive Medicine, College of Medicine, Korea University, Seoul, Korea	Bioelectromagnetics, Vol. 35 (4), May 2014, pp. 235-244
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Determination of Measurement Points in Urban Environments for Assessment of Maximum Exposure to EMF Associated with a Base Station	2014-09	Linhares A, Soares AJM, Terada MAB	Antenna Group, Electrical Engineering Department, University of Brasilia, Brasilia, Brazil	International Journal of Antennas and Propagation, Sep 2014, Art. 297082
Generation of a head phantom according to the 95th percentile Chinese population data for evaluating the specific absorption rate by wireless communication devices	2014-03	Ma Y, Wang Y, Shao Q, Li C, Wu T	School of Information and Communication Engineering, Beijing Information Science and Technology University, China; China Academy of Telecommunication Research of Ministry of Industry and Information Technology, No.52, Huayuan bei Road, Beijing, China; Department of Computer and Communication Engineering, Science and Technology University, Beijing, China	Radiation Protection Dosimetry, Feb 2014, Vol. 158 (4), pp. 378-388

Evaluation of selected biochemical parameters in the saliva of young males using mobile phones	2015-03	Abu Khadra KM, Khalil AM, Abu Samak M, Aljaberi A	Department of Biological Sciences, Faculty of Science, Yarmouk University, Irbid, Jordan; Department of Biology, Faculty of Science, Taibah University, Almadina Almunawwarah, Kingdom of Saudi Arabia; Department of Clinical Pharmacy & Therapeutics; Department of Pharmaceutical Sciences and Pharmaceutics, Faculty of Pharmacy, Applied Science University, Amman, Jordan	Electromagnetic Biology and Medicine, Vol. 34 (1), Mar 2015, pp. 72-76
Impact of head morphology on local brain specific absorption rate from exposure to mobile phone radiation	2015-01	Adibzadeh F, Bakker JF, Paulides MM, Verhaart RF, van Rhoon GC	Erasmus MC - Cancer Institute, Department of Radiation Oncology, Hyperthermia Unit, Rotterdam, The Netherlands	Bioelectromagnetics, Vol. 36 (1), Jan 2015, pp. 66-76
Impact of a Small Cell on the RF-EMF Exposure in a Train	2015-02	Aerts S, Plets D, Thielens A, Martens L, Joseph W	Department of Information Technology, Ghent University/iMinds, Ghent, Belgium	International Journal of Environmental Research and Public Health, Vol. 12 (3), Feb 2015, pp. 2639-2652
The effects of 2100-MHz radiofrequency radiation on nasal mucosa and muciliary clearance in rats	2015-07	Aydogan F, Aydin E, Koca G, Ozgur E, Atilla P, Tuzuner A, Demirci S, Tomruk A, Ozturk GG, Seyhan N, Korkmaz M, Muftuoglu S, Samim EE	Department of Otorhinolaryngology, Ministry of Health Ankara Training and Research Hospital, Ankara, Turkey; Department of Nuclear Medicine, Ministry of Health Ankara Training and Research Hospital, Ankara, Turkey; Department of Biophysics and Gazi Non-Ionizing Radiation Protection Center, Gazi University Faculty of Medicine, Ankara, Turkey; Department of Histology and Embryology, Hacettepe University Faculty of Medicine, Ankara, Turkey	International Forum of Allergy & Rhinology, Vol. 5 (4), Jul 2015, pp. 626-632
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Mobile telephone use effects on perception of verticality	2015-01	Bamiou DE, Ceranic B, Vickers D, Zamyslowska-Szmytko E, Cox R, Chadwick P, Luxon LM	University College London Ear Institute, London, UK; Neuro-Otology Department, National Hospital for Neurology and Neurosurgery, London, UK; Department of Audiological Medicine, St George's Hospital, London, UK; Nofer Institute of Occupational Medicine, Audiology and Phoniatric Clinic, Lodz, Poland; MCL, Newbury, Berkshire, UK	Bioelectromagnetics, Vol. 36 (1), Jan 2015, pp. 27-34
Prospective Study of Pregnancy Outcomes After Parental Cell Phone Exposure: The Norwegian Mother and Child Cohort Study	2015-07	Baste V, Oftedal G, Mollerlokken OJ, Hansson Mild K, Moen BE	Occupational and Environmental Medicine, Department of Global Public Health and Primary Care, University of Bergen, Bergen, Norway; Norwegian Arthroplasty Register, Department of Orthopaedic Surgery, Haukeland University Hospital, Bergen, Norway; Faculty of Technology, Sør-Trøndelag University College (HiST), Trondheim, Norway; Department of Radiation Sciences, Umeå University, Umeå, Sweden; Centre for International Health, Department of Global Public Health and Primary Care, University of Bergen, Bergen, Norway	Epidemiology, Vol. 26 (4), Jul 2015, pp. 613-621
Outdoor characterization of radio frequency electromagnetic fields in a Spanish birth cohort	2015-04	Calvente I, Fernandez MF, Perez-Lobato R, Davila-Arias C, Ocon O, Ramos R, Rios-Arrabal S, Villalba-Moreno J, Olea N, Nunez MI	Unit Research Support of the San Cecilio University Hospital, Biosanitary Institute of Granada (ibs.GRANADA), University Hospitals of Granada/University of Granada, Granada, Spain; Department of Radiology and Physical Medicine, School of Medicine, University of Granada, Granada, Spain; CIBER en Epidemiología y Salud Pública (CIBERESP), Spain; Biopathology and Regenerative Medicine Institute (IBIMER) University of Granada, Spain	Environmental Research, Vol. 138, Apr 2015, pp. 136-143
Circadian Rhythmicity of Antioxidant Markers in Rats Exposed to 1.8 GHz Radiofrequency Fields	2015-02	Cao H, Qin F, Liu X, Wang J, Cao Y, Tong J, Zhao H	School of Electronic & Information Engineering, Soochow University, Suzhou, China; Department of Biological Science and Technology, Suzhou University of Science and Technology, Suzhou, China; School of Public Health, Medical College of Soochow University, Suzhou, China	International Journal of Environmental Research and Public Health, Vol. 12 (2), Feb 2015, pp. 2071-2087
Pooled analysis of Swedish case-control studies during 1997-2003 and 2007-2009 on meningioma risk associated with the use of mobile and cordless phones	2015-06	Carlberg M, Hardell L	Department of Oncology, Faculty of Medicine and Health, Örebro University, Örebro, Sweden	Oncology Reports, Vol. 33 (6), Jun 2015, pp. 3093-3098
In situ measurements of radiofrequency exposure levels in Greece from 2008 to 2013: A multi-parametric annual analysis	2015-05	Christopoulou M, Karabetos E	Non Ionizing Radiation Office, Greek Atomic Energy Commission (EEAE), Agia Paraskevi, Greece	Bioelectromagnetics, Vol. 36 (4), May 2015, pp. 325-329
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Author's response: Re 'Mobile phone use and brain tumours in the CERENAT case-control study'	2015-01	Coureau G, Leffondre K, Gruber A, Bouvier G, Baldi I	Laboratoire Santé Travail Environnement, Univ Bordeaux, ISPED, Bordeaux, France; INSERM, ISPED, Centre INSERM U897-Epidémiologie-Biostatistique, Bordeaux, France; Service d'information médicale, CHU de Bordeaux, Bordeaux, France; Service de Médecine du Travail, CHU de Bordeaux, Bordeaux, France	Occupational & Environmental Medicine, Vol. 72 (1), Jan 2015, pp. 79-80
Effect of long-term (2 years) exposure of mouse brains to global system for mobile communication (GSM) radiofrequency fields on astrocytic immunoreactivity	2015-04	Court-Kowalski S, Finnie JW, Manavis J, Blumbergs PC, Helps SC, Vink R	Schools of Medical and Veterinary Science, University of Adelaide, Adelaide, SA, Australia; SA Pathology, Hanson Institute Centre for Neurological Diseases, Adelaide, SA, Australia; NH&MRC Australian Centre for Electromagnetic Bioeffects Research, Australia	Bioelectromagnetics, Vol. 36 (3), Apr 2015, pp. 245-250
Electromagnetic fields and EEG spiking rate in patients with focal epilepsy	2015-04	Curcio G, Mazzucchi E, Della Marca G, Vollono C, Rossini PM	Department of Life, Health and Environmental Sciences, University of L'Aquila, L'Aquila, Italy; IRCSS "S. Raffaele", Rome, Italy; Department of Geriatrics, Neuroscience & Orthopedics, Catholic University, Rome, Italy	Clinical Neurophysiology, Vol. 126 (4), Apr 2015, pp. 659-666
The SEMONT continuous monitoring of daily EMF exposure in an open area environment	2015-03 published online	Djuric N, Kljajic D, Kasas-Lazetic K, Bajovic V	Faculty of Technical Sciences, University of Novi Sad, Novi Sad, Serbia	Environmental Monitoring and Assessment, Vol. 187 (4), Art. 191, published online Mar 2015
Aggregated data from two double-blind base station provocation studies comparing individuals with idiopathic environmental intolerance with attribution to electromagnetic fields and controls	2015-02	Eltiti S, Wallace D, Russo R, Fox E	Department of Psychology and Centre for Brain Science, University of Essex, Wivenhoe Park, Essex, UK; Rosemead School of Psychology, Biola University, La Mirada, California; Department of Experimental Psychology, University of Oxford, Oxford, Oxfordshire, UK	Bioelectromagnetics, Vol. 36 (2), Feb 2015, pp. 96-107
Effect of short-term 900 MHz low level electromagnetic radiation exposure on blood serotonin and glutamate levels	2015	Eris AH, Kiziltan HS, Meral I, Genc H, Trabzon M, Seyithanoglu H, Yagci B, Uysal O	Department of Nuclear Medicine, Medical Faculty, Bezmialem Vakif University Fatih, Istanbul, Turkey; Department of Radiation Oncology, Medical Faculty, Bezmialem Vakif University Fatih, Istanbul, Turkey; Department of Physiology, Medical Faculty, Bezmialem Vakif University Fatih, Istanbul, Turkey; Department of Biochemistry, Medical Faculty, Bezmialem Vakif University Fatih, Istanbul, Turkey; Department of Pediatrics, Ministry of Health Okmeydani Hospital Okmeydani, Istanbul, Turkey; Department of Neurosurgery, Medical Faculty, Bezmialem Vakif University Fatih, Istanbul, Turkey; Department of Electrical and Electronics Engineering, Istanbul Technical University, Maslak, Istanbul, Turkey; Department of Biostatistic, Medical Faculty, Bezmialem Vakif University Fatih, Istanbul, Turkey	Bratislava Medical Journal, Vol. 116 (2), 2015, pp. 101-103
Radiofrequency signal affects alpha band in resting electroencephalogram	2015-04	Ghosn R, Yahia-Cherif L, Hugueville L, Ducorps A, Lemarchal JD, Thuroczy G, de Seze R, Selmaoui B	Institut National de l'Environnement Industriel et des Risques (INERIS), Department of Experimental Toxicology, Verneuil-en-Halatte, France; Université de Picardie Jules Verne, Peritox Laboratoire de Périnatalité & Risques Toxiques UMR-I-01 Unité mixte INERIS, Amiens France; UPMC, Université Paris 06, Centre MEG-EEG, Centre de Recherche de l'Institut du Cerveau et de la Moelle Epinière (CRICM) et Centre de Neuroimagerie de Recherche (CENIR), Paris, France; Centre National de la Recherche Scientifique, Centre MEG-EEG, CRICM et CENIR, Paris, France; Institut National de la Santé et de la Recherche Médicale, Centre MEG-EEG, CRICM et CENIR, Paris, France; ENS, Centre MEG-EEG, CRICM et CENIR, Paris, France; National Research Institute for Radiobiology and Radiohygiene, Budapest, Hungary	Journal of Neurophysiology, Vol. 113 (7), Apr 2015, pp. 2753-2759
A three-dimensional point process model for the spatial distribution of disease occurrence in relation to an exposure source	2015-05 published online	Grell K, Diggle PJ, Frederiksen K, Schuz J, Cardis E, Andersen PK	Unit of Statistics, Bioinformatics and Registry, Danish Cancer Society Research Center, Copenhagen, Denmark; Section of Biostatistics, Department of Public Health, Faculty of Health and Medical Sciences, University of Copenhagen, Copenhagen, Denmark; CHICAS, Faculty of Health and Medicine, Lancaster University, Lancaster, U.K.; Section of Environment and Radiation, International Agency for Research on Cancer (IARC), Lyon, France; Centre for Research in Environmental Epidemiology (CREAL), Barcelona, Spain	Statistics in Medicine, published online May 2015
Mobile phone and cordless phone use and the risk for glioma - Analysis of pooled case-control studies in Sweden, 1997-2003 and 2007-2009	2015-03	Hardell L, Carlberg M	Department of Oncology, University Hospital, Örebro, Sweden	Pathophysiology, Vol. 22 (1), Mar 2015, pp. 1-13
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Oxidative changes and apoptosis induced by 1800-MHz electromagnetic radiation in NIH/3T3 cells	2015-03	Hou Q, Wang M, Wu S, Ma X, An G, Liu H, Xie F	College of Life Sciences and Bioengineering, Beijing University of Technology, Beijing, China; Department of Radiation Medicine, College of Preventive Medicine, Fourth Military Medical University, Xi'an, China	Electromagnetic Biology and Medicine, Vol. 34 (1), Mar 2015, pp. 85-92
1950 MHz Electromagnetic Fields Ameliorate Abeta Pathology in Alzheimer's Disease Mice	2015	Jeong YJ, Kang GY, Kwon JH, Choi HD, Paek JK, Kim N, Lee YS, Lee HJ	Division of Radiation Effects, Korea Institute of Radiological & Medical Sciences, Seoul, Korea; Graduate School of Pharmaceutical Sciences, Ewha Womans University, Seoul, Korea; Department of EMF Research Team, Radio and Broadcasting Technology Laboratory, ETRI, Daejeon, Korea; Department of Radio Sciences and Engineering, College of Engineering, Chungnam National University, Daejeon, Korea; School of Electrical and Computer Engineering, Chungbuk National University, Cheongju, Chungbuk, Korea	Current Alzheimer Research, Vol. 12 (5), 2015, pp. 481-492
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A large-scale measurement, analysis and modelling of electromagnetic radiation levels in the vicinity of GSM/UMTS base stations in an urban area	2015-02 published online	Karadag T, Yuceer M, Abbasov T	Department of Electrical and Electronics Engineering, Engineering Faculty, Inonu University, Malatya, Turkey; Department of Chemical Engineering, Engineering Faculty, Inonu University, Malatya, Turkey; Department of Electrical and Electronics Engineering, Engineering Faculty, Inonu University, Malatya, Turkey	Radiation Protection Dosimetry, published online Feb 2015
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Public exposure from indoor radiofrequency radiation in the city of Hebron, West Bank-Palestine	2015-08	Lahham A, Sharabati A, AlMasri H	Center for Radiation Science & Technology, Al-Quds University, East Jerusalem; Medical Imaging Department, Al-Quds University, East Jerusalem	Health Physics, Vol. 109 (2), Aug 2015, pp. 117-121
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Epilepsy But Not Mobile Phone Frequency (900 MHz) Induces Apoptosis and Calcium Entry in Hippocampus of Epileptic Rat: Involvement of TRPV1 Channels	2015-02	Naziroglu M, Ozkan FF, Hapil SR, Ghazizadeh V, Cig B	Neuroscience Research Center, University of Suleyman Demirel, Isparta, Turkey; Department of Neuroscience, Institute of Health Science, University of Suleyman Demirel, Isparta, Turkey; Faculty of Medicine, University of Suleyman Demirel, Isparta, Turkey	The Journal of Membrane Biology, Vol. 248 (1), Feb 2015, pp. 83-91

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EEG Changes Due to Experimentally Induced 3G Mobile Phone Radiation	2015-06 published online	Roggeveen S, van Os J, Viechtbauer W, Lousberg R	Department of Psychiatry and Psychology, Maastricht University, Maastricht, The Netherlands; King's College London, King's Health Partners, Department of Psychosis Studies, Institute of Psychiatry, London, United Kingdom	PLOS one, Vol. 10 (6), published online Jun 2015
Development of an RF-EMF Exposure Surrogate for Epidemiologic Research	2015-05	Roser K, Schoeni A, Burgi A, Roosli M	Swiss Tropical and Public Health Institute, Basel, Switzerland; University of Basel, Basel, Switzerland; ARIAS umwelt.forschung.beratung, Bern, Switzerland;	International Journal of Environmental Research and Public Health, Vol. 12 (1), May 2015, pp. 5634-5656
Effect of mobile phone use on metal ion release from fixed orthodontic appliances	2015-06	Saghiri MA, Orangi J, Asatourian A, Mehriar P, Sheibani N	Departments of Ophthalmology & Visual Sciences and Biomedical Engineering, School of Medicine and Public Health, University of Wisconsin, Madison, USA; Department of Materials Science and Engineering, School of Engineering, Shiraz University, Shiraz, Iran; Department of Dental Materials, Kamal Asgar Research Center, Shiraz, Iran; Florida Institute for Advanced Dental Education, Miami, USA; Departments of Ophthalmology & Visual Sciences and Biomedical Engineering, School of Medicine and Public Health, University of Wisconsin, Madison, USA	American Journal of Orthodontics & Dentofacial Orthopedics, Vol. 147 (6), Jun 2015, pp. 719-724
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The discrepancy between maximum in vitro exposure levels and realistic conservative exposure levels of mobile phones operating at 900/1800 MHz	2015-02	Schmid G, Kuster N	Seibersdorf Laboratories, Seibersdorf, Austria; Foundation for Research on Information Technologies in Society (ITIS), Zurich, Switzerland; Swiss Federal Institute of Technology (ETH), Zurich, Switzerland	Bioelectromagnetics, Vol. 36 (2), Feb 2015, pp. 133-148
Effect of cell phone use on salivary total protein, enzymes and oxidative stress markers in young adults: a pilot study	2015-02	Shivashankara AR, Joy J, Sunitha V, Rai MP, Rao S, Nambranthayil S, Baliga MS	Department of Biochemistry, Father Muller Medical College, Mangalore, India; Father Muller Research Centre, Kankanady, Mangalore, India; Department of Oncology, Father Muller Research Center, Kankanady, Mangalore, India; Department of Radiation Oncology, Father Muller Medical College, Mangalore	Journal of Clinical and Diagnostic Research, Vol. 9 (2), Feb 2015, pp. 19-22
Pituitary tumor risk in relation to mobile phone use: A case-control study	2015-05 published online	Shrestha M, Raitanen J, Salminen T, Lahkola A, Auvinen A	School of Health Sciences, University of Tampere, Tampere, Finland; UKK Institute for Health Promotion, Tampere, Finland; STUK, Radiation and Nuclear Safety Authority, Helsinki, Finland	Acta Oncologica, published online May 2015
The influence of electromagnetic radiation generated by a mobile phone on the skeletal system of rats	2015	Sieron-Stoltny K, Teister L, Cieslar G, Sieron D, Sliwinski Z, Kucharzewski M, Sieron A	School of Health Sciences in Katowice, Department of Physical Medicine, Chair of Physiotherapy, Medical University of Silesia, Katowice, Poland; Orthopaedics and Motor System Trauma Surgery Unit, Saint Joseph Hospital, Mikołów, Poland; School of Medicine with the Division of Dentistry in Zabrze, Department and Clinic of Internal Diseases, Angiology and Physical Medicine in Bytom, Medical University of Silesia, Bytom, Poland; Dr. Janusz Daab District Trauma Surgery Hospital, Piekary Śląskie, Poland; Department of Manual Therapy, Institute of Physiotherapy, Jan Kochanowski University, Kielce, Poland; School of Medicine with the Division of Dentistry in Zabrze, Chair and Department of Descriptive and Topographic Anatomy, Medical University of Silesia, Zabrze, Poland	BioMed Research International, 2015, Art. 896019
Biomarkers in volunteers exposed to mobile phone radiation	2015-06	Soderqvist F, Carlberg M, Hardell L	Centre for Clinical Research, Uppsala University, Västerås Hospital, Västerås, Sweden; Department of Oncology, Faculty of Medicine and Health, Örebro University, Örebro, Sweden	Toxicology Letters, Vol. 235 (2), Jun 2015, pp. 140-146

How to prepare head tissue-equivalent liquids for SAR calculations, dosimetry and hyperthermia researches at 900 and 1800 MHz GSM frequencies	2015-06 published online	Sorgucu U, Develi I, Ozen S	Department of Electrical and Electronics Engineering, Faculty of Engineering, Bartin University, Bartin, Turkey; Department of Electrical and Electronics Engineering, Faculty of Engineering, Erciyes University, Kayseri, Turkey; Department of Electrical and Electronics Engineering, Faculty of Engineering, Akdeniz University, Antalya, Turkey	Radiation Protection Dosimetry, published online June 2015
Recent Research on EMF and Health Risk. Tenth report from SSM's Scientific Council on Electromagnetic Fields 2015	2015-03	SSM, Swedish Radiation Safety Authority	SSM's Scientific Council on Electromagnetic Fields	Swedish Radiation Safety Authority, Research 2015:19, Mar 2015
The effects of prenatal long-duration exposure to 900-MHz electromagnetic field on the 21-day-old newborn male rat liver	2015	Topal Z, Hanci H, Mercantepe T, Erol HS, Keles ON, Kaya H, Mungan S, Odaci E	Department of Histology and Embryology, Faculty of Medicine, Karadeniz Technical University, Trabzon, Turkey; Department of Histology and Embryology, Faculty of Medicine, Recep Tayyip Erdoğan University, Rize, Turkey; Department of Biochemistry, Faculty of Veterinary, Atatürk University, Erzurum, Turkey; Department of Electrical and Electronic Engineering, Faculty of Engineering, Karadeniz Technical University, Trabzon, Turkey; Department of Pathology, Faculty of Medicine, Karadeniz Technical University, Trabzon, Turkey	Turkish Journal of Medical Sciences, Vol. 45 (2), 2015
Effects of prenatal 900 MHz electromagnetic field exposures on the histology of rat kidney	2015-01	Ulubay M, Yahyazadeh A, Deniz OG, Kivrak EG, Altunkaynak BZ, Erdem G, Kaplan S	Department of Urology, Medical Park Hospital, Samsun, Turkey; Department of Histology and Embryology, Faculty of Medicine, Ondokuz Mayıs University, Samsun, Turkey	International Journal of Radiation Biology, Vol. 91 (1), Jan 2015, pp. 35-41
Typical exposure of children to EMF: exposimetry and dosimetry	2015-01	Valic B, Kos B, Gajsek P	INIS - Institute of Non-ionizing Radiation, Ljubljana, Slovenia; Faculty of Electrical Engineering, University of Ljubljana, Ljubljana, Slovenia	Radiation Protection Dosimetry, Vol. 163 (1), Jan 2015, pp. 70-80
A novel method to assess human population exposure induced by a wireless cellular network	2015-06 published online	Varsier N, Plets D, Corre Y, Vermeeren G, Joseph W, Aerts S, Martens L, Wiart J	Orange Labs, Issy Les Moulineaux, France; WHIST Lab Common Laboratory of Orange Labs and Institut Mines-Telecom, Paris, France; iMinds, Wireless and Cable, Ghent University, Ghent, Belgium; Siradel, Rennes, France	Bioelectromagnetics, published online Jun 2015
Association between mobile phone use and self-reported well-being in children: a questionnaire-based cross-sectional study in Chongqing, China	2015-05 published online	Zheng F, Gao P, He M, Li M, Tan J, Chen D, Zhou Z, Yu Z, Zhang L	Department of Occupational Health, Key Laboratory of Medical Protection for Electromagnetic Radiation, Ministry of Education, Third Military Medical University, Chongqing, People's Republic of China	BMJ Open, Vol. 5 (5), published online May 2015
Epidemiological investigation of risk factors of the pregnant women with early spontaneous abortion in Beijing	2015	Zhou LY, Zhang HX, Lan YL, Li Y, Liang Y, Yu L, Ma YM, Jia CW, Wang SY	Department of Reproduction, Beijing Obstetrics and Gynecology Hospital, Affiliated to Capital Medical University, Beijing, China; Department of Reproduction, Peking University Third Hospital, Beijing, China	Chinese Journal of Integrative Medicine, 2015
2.1 GHz electromagnetic field does not change contractility and intracellular Ca²⁺ transients but decreases β-adrenergic responsiveness through nitric oxide signaling in rat ventricular myocytes	2015-07 published online	Olgar Y, Hidisoglu E, Celen MC, Yamasan BE, Yargicoglu P, Ozdemir S	Akdeniz University Faculty of Medicine, Department of Biophysics, Antalya, Turkey	International Journal of Radiation Biology, published online Jul 2015
Joint Minimization of Uplink and Downlink Whole-Body Exposure Dose in Indoor Wireless Networks	2015	Plets D, Joseph W, Vanhecke K, Vermeeren G, Wiart J, Aerts S, Varsier N, Martens L	Information Technology Department, Ghent University/iMinds, Ghent, Belgium; Orange Labs Networks and Carriers, Issy Les Moulineaux, France	BioMed Research International, 2015, Art. 943415
No influence of acute RF exposure (GSM-900, GSM-1800, and UMTS) on mouse retinal ganglion cell responses under constant temperature conditions	2014-01	Ahlers MT, Ammermüller J	Department of Biology and Environmental Sciences, Neurobiology, University of Oldenburg, Oldenburg, Germany	Bioelectromagnetics, Vol. 35 (1), pp. 16-29
Association between mobile phone use and inattention in 7102 Chinese adolescents: a population-based cross-sectional study	2014-10	Zheng F, Gao P, He M, Li M, Wang C, Zeng Q, Zhou Z, Yu Z, Zhang L	Department of Occupational Health, Key Laboratory of Medical Protection for Electromagnetic Radiation, Ministry of Education, Third Military Medical University, Chongqing, People's Republic of China	BMC Public Health, Vol. 14, Art. 1022, Oct 2014
Long-term use of mobile phone and its association with glioma: a systematic review and meta-analysis	2014-10	Gong X, Wu J, Mao Y, Zhou L	Department of Neurosurgery, Huashan Hospital, Shanghai Medical College, Fudan University, Shanghai, China	Zhonghua Yi Xue Za Zhi, Vol. 94 (39), Oct 2014, pp. 3102-3106
Effect of American Ginseng Capsule on the liver oxidative injury and the Nrf2 protein expression in rats exposed by electromagnetic radiation of frequency of cell phone	2014-05	Luo YP, Ma HR, Chen JW, Li JJ, Li CX	Department of Traditional Chinese Pharmacology, College of Traditional Chinese Medicine, Hebei Medical University, Shijiazhuang, China; Department of Integrative Medical Obstetrics and Gynecology, Hebei College of Traditional Chinese Medicine, Shijiazhuang, China; Department of Integrated Traditional Chinese and Western Medicine, Shijiazhuang First Hospital, Shijiazhuang, China	Zhongguo Zhong Xi Yi Jie He Za Zhi, 2014, Vol. 34 (5), pp. 575-580
Effect of Guilingji capsule on the fertility, liver functions, and serum LDH of male SD rats exposed by 900 MHz cell phone	2014-04	Ma HR, Li YY, Luo YP, Ma XL, Gong ZQ	Department of Obstetrics & Gynecology, Hebei College of Chinese Medicine, Shijiazhuang, China; Department of Traditional Chinese Medicine, Shijiazhuang First Hospital, Shijiazhuang, China	Zhongguo Zhong Xi Yi Jie He Za Zhi, 2014, Vol. 34 (4), pp. 475-479

The influence of direct mobile phone radiation on sperm quality	2014-04 published online	Gorpinchenko I, Nikitin O, Banyra O, Shulyak A	State Institution "Institute of Urology at the National Academy of Medical Sciences of Ukraine", Kyiv, Ukraine; O.O. Bogomolets National Medical University, Urology Department, Kyiv, Ukraine; 2nd Lviv Municipal Polyclinic, Lviv, Ukraine	Central European Journal of Urology, Vol. 67 (1), pp. 65-71, published online Apr 2014
Effects of a continuous electromagnetic field on wound healing in human airway	2015-07	Kim D, Kim HJ, Gimm Y, Hong SP, Jeon E, Park EY	Department of Otolaryngology–Head and Neck Surgery, Incheon St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul; Department of Otolaryngology, Ajou University School of Medicine, Suwon; School of Electronics and Electrical Engineering, Dankook University, Jukjun, Republic of Korea	The Laryngoscope, Vol. 125 (7), Jul 2015, pp. 1588-1594
Effects of mobile phone radiation (900 MHz radiofrequency) on structure and functions of rat brain	2014-12	Saikhedkar N, Bhatnagar M, Jain A, Sukhwai P, Sharma C, Jaiswal N	Department of Biotechnology, Amity University, Kant Kalwar, Jaipur, India; Department of Zoology, University College of Science, M.L. Sukhadia University, Udaipur, India	Neurological Research, Vol. 36 (12), Dec 2014, pp.1072-1079
Effects of 940 MHz EMF on bioluminescence and oxidative response of stable luciferase producing HEK cells	2014-07	Sefidbakht Y, Moosavi-Movahedi AA, Hosseinkhani S, Khodagholf F, Torkzadeh-Mahani M, Foolad F, Faraji-Dana R	Institute of Biochemistry and Biophysics (IBB), University of Tehran, Tehran, Iran; Center of Excellence in Biothermodynamics (CEBiotherm), University of Tehran, Tehran, Iran; Department of Biochemistry, Faculty of Biological Sciences, Tarbiat Modares University, Tehran, Iran; Neuroscience Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran; Department of Biotechnology, Institute of Science and High Technology and Environmental Science, Graduate University of Advanced Technology, Kerman, Iran; School of Electrical and Computer Engineering, University of Tehran, Tehran, Iran	Photochemical & Photobiological Sciences, Vol. 13 (7), Jul 2014, pp. 1082-1092
Analysis of rat testicular proteome following 30-day exposure to 900 MHz electromagnetic field radiation	2014-12	Sepehrimanesh M, Kazemipour N, Saeb M, Nazifi S	Department of Biochemistry, School of Veterinary Medicine, Shiraz University, Shiraz, Iran; Gastroenterohepatology Research Center, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Clinical Pathology, School of Veterinary Medicine, Shiraz University, Shiraz, Iran	Electrophoresis, Vol. 35 (23), Dec 2014, pp. 3331-3338
Impact of 900 MHz electromagnetic field exposure on main male reproductive hormone levels: a Rattus norvegicus model	2014-09	Sepehrimanesh M, Saeb M, Nazifi S, Kazemipour N, Jelodar G, Saeb S	Department of Biochemistry, School of Veterinary Medicine, Shiraz University, Shiraz, Iran; Department of Clinical Pathology, School of Veterinary Medicine, Shiraz University, Shiraz, Iran; Department of Physiology, School of Veterinary Medicine, Shiraz University, Shiraz, Iran; Department of Clinical Biochemistry, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	International Journal of Biometeorology, Vol. 58 (7), Sep 2014, pp. 1657-1663
Long-term effects of 900 MHz radiofrequency radiation emitted from mobile phone on testicular tissue and epididymal semen quality	2014-09	Tas M, Dasdag S, Akdag MZ, Cirit U, Yegin K, Seker U, Ozmen MF, Eren LB	Department of Artificial Insemination, Faculty of Veterinary Medicine, University of Dicle, Diyarbakir, Turkey; Department of Biophysics, Medical School of Dicle University, Diyarbakir, Turkey; Department of Electrical and Electronics Engineering, RF Electronics and Radar Research Laboratory, Yeditepe University, Istanbul, Turkey	Electromagnetic Biology and Medicine, Vol. 33 (3), Sep 2014, pp. 216-222
Influence of 1800 MHz GSM-like electromagnetic radiation exposure on fracture healing [auch: Effect of 1800 MHz Electromagnetic Radiation Emitted from Cellular Phones on Fracture Healing]	2014-02	Aslan A, Kırdemir V, Kocak A, Atay T, Baydar ML, Özerdemoglu RA, Aydogan NH	Afyonkarahisar State Hospital, Department of Orthopaedics and Traumatology, Afyonkarahisar, Turkey; Süleyman Demirel University, Faculty of Medicine, Department of Orthopaedics and Traumatology, Isparta, Turkey; Dumlupınar University, Faculty of Medicine, Department of Histology and Embryology, Kütahya, Turkey; TBMM, Ankara, Turkey; Fatih University, Faculty of Medicine, Department of Orthopaedics and Traumatology, Istanbul, Turkey; Ankara Education and Research Hospital, Departments of Orthopaedics and Traumatology, Ankara, Turkey	Archives of Medical Research, Vol. 45 (2), pp. 125-131
Liver antioxidant stores protect the brain from electromagnetic radiation (900 and 1800 MHz)-induced oxidative stress in rats during pregnancy and the development of offspring	2014-12	Cetin H, Naziroglu M, Celik O, Yuksel M, Pastaci N, Ozkaya MO	Department of Pediatrics, Faculty of Medicine, Süleyman Demirel University, Isparta, Turkey; Department of Biophysics, Faculty of Medicine, Süleyman Demirel University, Isparta, Turkey; Department of Obstetrics and Gynecology, Faculty of Medicine, Süleyman Demirel University, Isparta, Turkey; Department of Biophysics, Cerrahpaşa Faculty of Medicine, Istanbul University, Istanbul, Turkey	The Journal of Maternal-Fetal & Neonatal Medicine, Vol. 27 (18), Dec 2014, pp. 1915-1921
Exposure to 1800 MHz radiofrequency radiation impairs neurite outgrowth of embryonic neural stem cells	2014-05	Chen C, Ma Q, Liu C, Deng P, Zhu G, Zhang L, He M, Lu Y, Duan W, Pei L, Li M, Yu Z, Zhou Z	Department of Occupational Health, Faculty of Preventive Medicine, Third Military Medical University, China; Key Laboratory of Electromagnetic Radiation Protection, Third Military Medical University, China	Scientific Reports, Vol. 4, May 2014
Influence of non ionizing radiation of base stations on the activity of redox proteins in bovines	2014-06	Hassig M, Wulschleger M, Naegeli HP, Kupper J, Spiess B, Kuster N, Capstick M, Murbach M	Department of Farm Animals, University of Zurich, Zurich, Switzerland; Institute of Pharmacology and Toxicology, Zurich, Switzerland; Section for Ophthalmology, University of Zurich, Zurich, Switzerland; IT'IS Foundation ETH Zurich, Zurich, Switzerland	BMC Veterinary Reserach, Vol. 10 (1), Jun 2014, Art. 136
Effect of 3G Cell Phone Exposure with Computer Controlled 2-D Stepper Motor on Non-thermal Activation of the hsp27/p38MAPK Stress Pathway in Rat Brain	2014-03	Kesari KK, Meena R, Nirala J, Kumar J, Verma HN	School of Life Sciences, Jaipur National University, Jaipur, Rajasthan, India; School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, India	Cell Biochemistry and Biophysics, Vol. 68 (2), Mar 2014, pp. 347-358
Effect of electromagnetic irradiation produced by 3G mobile phone on male rat reproductive system in a simulated scenario	2014-09	Kumar S, Nirala JP, Behari J, Paulraj R	Bioelectromagnetics Laboratory, School of Environmental Sciences Jawaharlal Nehru University, New Delhi, India	Indian Journal of Experimental Biology, Vol. 52 (9), Sep 2014, pp. 890-897
Differential Pro-Inflammatory Responses of Astrocytes and Microglia Involve STAT3 Activation in Response to 1800 MHz Radiofrequency Fields	2014-10 published online	Lu Y, He M, Zhang Y, Xu S, Zhang L, He Y, Chen C, Liu C, Pi H, Yu Z, Zhou Z	Department of Occupational Health, Key Lab of Medical Protection for Electromagnetic Radiation, Ministry of Education of China, Third Military Medical University, Chongqing, China; Department of Laboratory Medicine, Southwest Hospital, Third Military Medical University, Chongqing, China; Department of Neurosurgery, Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China	PLOS one, Vol. 9 (10), published online Oct 2014

Spatial learning, monoamines and oxidative stress in rats exposed to 900 MHz electromagnetic field in combination with iron overload	2014-01	Maaroufi K, Had-Aissouni L, Melon C, Sakly M, Abdelmelek H, Poucet B, Save E	Aix-Marseille University, CNRS, Laboratory of Cognitive Neuroscience, Marseille, France; Faculty of Sciences of Bizerte, Laboratory of Integrative Physiology, Jarzouna, Tunisia; Aix-Marseille University, CNRS, Developmental Biology Institute of Marseille, Marseille, France	Behavioural Brain Research, Vol. 258, Jan 2014, pp. 80-89
Immunohistochemical localization of brain-derived neurotrophic factor and glial cell line-derived neurotrophic factor in the superior olivary complex of mice after radiofrequency exposure	2014-04	Maskey D, Kim MJ	Department of Anatomy, Nepalese Army Institute of Health Sciences – College of Medicine, Bhandarkhal, Sanobharyang, Kathmandu, Nepal; Department of Anatomy, Institute of Medical Center, Dankook University, Anseo-dong, Cheonan-si, Chungnam, South Korea	Neuroscience Letters, Vol. 564, Apr 2014, pp. 78-82
Evaluation of oxidant stress and antioxidant defense in discrete brain regions of rats exposed to 900 MHz radiation	2014	Narayanan SN, Kumar RS, Kedage V, Nalini K, Nayak S, Bhat PG	Department of Physiology, Melaka Manipal Medical College, Manipal University, Manipal, India; Department of Molecular and Cellular Biochemistry, Indiana University, Bloomington, Indiana, USA; Department of Biochemistry, Kasturba Medical College, Manipal University, Manipal, India; Department of Anatomy, Melaka Manipal Medical College, Manipal University, Manipal, India; Division of Biotechnology, School of Life Sciences, Manipal University, Manipal, India	Bratislava Medical Journal, Vol. 115 (5), 2014, pp. 260-266
Maternal mobile phone exposure alters intrinsic electrophysiological properties of CA1 pyramidal neurons in rat offspring	2014-03 published online	Razavinasab M, Moazzami K, Shabani M	Kerman Neuroscience Research Center, Institute of Neuropharmacology, Kerman University of Medical Sciences, Kerman, Islamic Republic of Iran	Toxicology and Industrial Health, published online Mar 2014
The effect of 2100 MHz radiofrequency radiation of a 3G mobile phone on the parotid gland of rats	2015-01	Aydogan F, Unlu I, Aydin E, Yumusak N, Devrim E, Samim EE, Ozgur E, Unsal V, Tomruk A, Ozturk GG, Seyhan N	Department of Otorhinolaryngology, Ministry of Health Ankara Training and Research Hospital, Ankara, Turkey; Department of Otorhinolaryngology, Düzce University Faculty of Medicine, Düzce, Turkey; Department of Otorhinolaryngology, Ministry of Health Ankara Training and Research Hospital, Ankara, Turkey; Department of Pathology, Harran University, Faculty of Veterinary Medicine, Şanlıurfa, Turkey; Department of Biochemistry, Ankara University Faculty of Medicine, Ankara, Turkey; Department of Biophysics and Gazi Non-Ionizing Radiation Protection Center, Gazi University Faculty of Medicine, Ankara, Turkey	American Journal of Otolaryngology, Vol. 36 (1), Jan 2015, pp. 39-46
Investigation of the effects of distance from sources on apoptosis, oxidative stress and cytosolic calcium accumulation via TRPV1 channels induced by mobile phones and Wi-Fi in breast cancer cells	2015-02 published online	Cig B, Naziroglu M	Department of Biophysics, Faculty of Medicine, Suleyman Demirel University, Isparta, Turkey; Neuroscience Research Center, Suleyman Demirel University, Isparta, Turkey	Biochimica et Biophysica Acta (BBA) - Biomembranes, published online Feb 2015
Interference of GSM mobile phones with communication between Cardiac Rhythm Management devices and programmers: A combined in vivo and in vitro study	2015-07	Huang D, Dong ZF, Chen Y, Wang FB, Wei Z, Zhao WB, Li S, Liu MY, Zhu W, Wei M, Li JB	Division of Cardiology, the Sixth People's Hospital Affiliated to Shanghai Jiaotong University, Shanghai Jiaotong University School of Medicine, State Key Discipline Division, Shanghai, China; Department of Geratology, Shanghai People's Armed Police Corps Hospital, Shanghai, China; St. Jude Medical, Shanghai, China; State Grid Company of Shanghai, China	Bioelectromagnetics, Vol. 36 (5), Jul 2015, pp. 367-376
Tumor promotion by exposure to radiofrequency electromagnetic fields below exposure limits for humans	2015-04	Lerchl A, Klose M, Grote K, Wilhelm AF, Spathmann O, Fiedler T, Streckert J, Hansen V, Clemens M	Department of Life Sciences and Chemistry, Jacobs University Bremen, Bremen, Germany; Department of Psychology and Methods, Jacobs University Bremen, Bremen, Germany; Chair of Electromagnetic Theory, University of Wuppertal, Wuppertal, Germany	Biochemical and Biophysical Research Communications, Vol. 459 (4), Apr 2015, pp. 585-590
Effect of low-intensity microwave radiation on monoamine neurotransmitters and their key regulating enzymes in rat brain	2015-02 published online	Megha K, Deshmukh PS, Ravi AK, Tripathi AK, Abegaonkar MP, Banerjee BD	Environmental Biochemistry and Molecular Biology Laboratory, Department of Biochemistry, University College of Medical Sciences & G.T.B. Hospital (University of Delhi), Dilshad Garden, New Delhi, India; Dr. R. P. Centre for Ophthalmic Sciences, Department of Ocular Biochemistry, All India Institute of Medical Sciences, Ansari Nagar, New Delhi, India; Centre for Applied Research in Electronics (CARE), Indian Institute of Technology, Hauz Khas, New Delhi, India	Cell Biochemistry and Biophysics, published online Feb 2015
Exposure to a 900 MHz electromagnetic field for one hour a day over 30 days does change the histopathology and biochemistry of the rat testis	2015-05 published online	Odaci E, Ozyilmaz C	Department of Histology and Embryology, School of Medicine, Karadeniz Technical University, Trabzon, Turkey	International Journal of Radiation Biology, published online May 2015
Exposure to 900 MHz electromagnetic fields activates the mmp-1/ERK pathway and causes blood-brain barrier damage and cognitive impairment in rats	2015-03	Tang J, Zhang Y, Yang L, Chen Q, Tan L, Zuo S, Feng H, Chen Z, Zhu G	Department of Neurosurgery, Southwest Hospital, Third Military Medical University, Chongqing, China	Brain Research, Vol. 1601, Mar 2015, pp. 92-101
Multigenerational effects of whole body exposure to 2.14 GHz W-CDMA cellular phone signals on brain function in rats	2014-10	Shirai T, Imai N, Wang J, Takahashi S, Kawabe M, Wake K, Kawai H, Watanabe S, Furukawa F, Fujiwara O	Department of Experimental Pathology and Tumor Biology, Nagoya City University Graduate School of Medical Sciences, Nagoya, Japan; DIMS Institute of Medical Science, Ichinomiya, Aichi, Japan; Department of Computer Science and Engineering, Graduate School of Engineering, Nagoya Institute of Technology, Nagoya, Japan; Electromagnetic Compatibility Group, Applied Electromagnetic Research Center, National Institute of Information and Communications Technology, Tokyo, Japan	Bioelectromagnetics, Vol. 35 (7), Oct 2014, pp. 497-511
In vitro effect of cell phone radiation on motility, DNA fragmentation and clusterin gene expression in human sperm	2015-04	Zalata A, El-Samanoudy AZ, Shaalan D, El-Baiomy Y, Mostafa T	Department of Medical Biochemistry, Faculty of Medicine, Mansoura University, Mansoura, Egypt; Department of Dermatology and Andrology, Faculty of Medicine, Mansoura University, Mansoura, Egypt; Department of Andrology and Sexology, Faculty of Medicine, Cairo University, Cairo, Egypt	International Journal of Fertility and Sterility, Vol. 9 (1), Apr 2015, pp. 129-136

<p>Sensitivity of spiral ganglion neurons to damage caused by mobile phone electromagnetic radiation will increase in lipopolysaccharide-induced inflammation in vitro model</p>	<p>2015-05 published online</p>	<p>Zuo WQ, Hu YJ, Yang Y, Zhao XY, Zhang YY, Kong W, Kong WJ</p>	<p>Department of Endocrinology, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, People's Republic of China; Department of Otolaryngology, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, People's Republic of China</p>	<p>Journal of Neuroinflammation, Vol. 12 (1), published online May 2015</p>
<p>Effects of the exposure to intermittent 1.8 GHz radio frequency electromagnetic fields on HSP70 expression and MAPK signaling pathways in PC12 cells</p>	<p>2014-05</p>	<p>Valbonesi P, Franzellitti S, Bersani F, Contin A, Fabbri E</p>	<p>Interdepartmental Centre for Environmental Science Research, University of Bologna, Ravenna, Italy; Department of Biological, Geological and Environmental Sciences, University of Bologna, Bologna, Italy; Department of Physics, University of Bologna, Bologna, Italy</p>	<p>International Journal of Radiation Biology, Vol. 90 (5), May 2014, pp. 382-391</p>
<p>Tumor promotion by exposure to radiofrequency electromagnetic fields below exposure limits for humans</p>	<p>2015</p>	<p>Alexander Lerchl , Melanie Klose, Karen Grote, Adalbert F.X. Wilhelm, Oliver Spathmann, Thomas Fiedler, 1, Joachim Streckert, Volkert Hansen, Markus Clemens</p>	<p>Department of Life Sciences and Chemistry, Jacobs University Bremen, Campus Ring 6, D-28759 Bremen, Germany, Department of Psychology and Methods, Jacobs University Bremen, Campus Ring 1, D-28759 Bremen, Germany, Chair of Electromagnetic Theory, University of Wuppertal, Rainer-Gruenter-Str. 21, D-42119 Wuppertal, Germany</p>	<p>Biochemical and Biophysical Research Communications xxx (2015) 1-6</p>