

WBF-EXPERTENFORUM 2017

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“

ao.Univ.-Prof.i.R. Dr. Christian WOLF

Stv. Vorsitzender des WBF

Facharzt für Innere Medizin sowie für Arbeits- und Betriebsmedizin

Univ.-Prof. DDr. Alfred BARTH

Universitätsprofessor für Arbeitspsychologie

Sigmund Freud Privat Universität Wien, Leitung Institut für Psychologie Linz

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/Public Health

Dr. Doris MOSER

Klinische und Gesundheitspsychologin

Neuropsychologische Ambulanz und Spezialambulanz für Schlafstörungen an der Universitätsklinik für Neurologie, Medizinische Universität Wien

DI Dr. Georg NEUBAUER

Senior Scientist und Projektleiter im Geschäftsbereich Safety & Security des Austrian Institute of Technology

Universitätslektor an der TU Wien

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

Wissenschaftlicher Geschäftsführer der FH Joanneum Gesellschaft mbH., Medizinische

Universität Innsbruck - Department für Medizinische Statistik, Informatik und

Gesundheitsökonomie; Leiter des Arbeitskreises „Nationale eHealth-Strategie“ der österreichischen „eHealth-Initiative“

Prim. Univ.-Prof. Dr. Reinhart WANECK

Vizepräsident 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

Erkrankungen, Leiter der Schlafambulanz

Externe wissenschaftliche Experten

Univ.-Prof. Dr. Mag. Dr. Christopher GERNER

Professor für Trenntechniken und Bioanalytik an der Universität Wien, Fakultät für Chemie

Univ.-Prof. Dr. Herbert HÖNIGSMANN

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

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

Hirnforscher und Experte für Molekulare und Funktionelle Bildgebung des Gehirns Leiter des Neuroimaging Labs (NIL) an der Universitätsklinik für Psychiatrie und Psychotherapie, Medizinische Universität Wien

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Fellow of the European Board of Urology, Generalsekretär der Österreichischen Gesellschaft für Urologie, Vorstand der Abteilung für Urologie und Andrologie - EBU Certified Training Center - Kaiser-Franz-Josef-Spital, Wien

ao.Univ.-Prof. Dr. Wilhelm MOSGÖLLER

Medizinische Universität Wien

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Vorstand der HNO-Abteilung am Landeskrankenhaus Mistelbach

Astrid RASCHIG

Studentin an der TU Wien (Elektro- & Informationstechnik)

em.Univ.-Prof. Dr. Kurt WIDHALM

FA für Kinder- und Jugendheilkunde, FA für medizinische und chemische Labordiagnostik, Humangenetik, Professor für Ernährungsmedizin, gerichtlich zertifizierter Sachverständiger

WBF-Expertenforum im Dezember 2017

Die aktuelle Studienlage bestätigt einmal mehr:

Keine Gesundheitsgefahr durch Mobilfunk

Wien, Jänner 2018.

Seit fast eineinhalb Jahrzehnten steht der WBF (Wissenschaftlicher Beirat Funk) dem Bundesministerium für Verkehr, Innovation und Technologie (BMVIT) als beratendes Organ auf dem Gebiet des Mobilfunks und dessen Auswirkungen auf die menschliche Gesundheit zur Seite.

Die aktuelle Konsensus-Konferenz des WBF tagte im Dezember 2017 und kam erneut zu dem Ergebnis, dass eine Gesundheitsgefährdung des Menschen durch Mobilfunk nach aktuellem Stand der Wissenschaft auszuschließen ist.

Geprüft und bewertet wurden 193 - im Zeitraum von Juli 2016 bis inklusive Juni 2017 publizierte - wissenschaftliche Arbeiten. Wobei neben den Wissenschaftlichen Mitgliedern des WBF wieder eine Reihe externer Experten unterschiedlichster Fachgebiete an der Prüfung der Studienlage und am Konsensus-Beschluss mitwirkten.

Untersucht wurden Studien der folgenden Bereiche: Störungen der Befindlichkeit, Nervensystem, Gentoxizität, Kinder und Jugendliche, männliche Fertilität, Hals-Nasen-Ohren, Tumorentwicklung und Dosimetrie.

Die aktuelle Studienlage zeigt, dass immer mehr Forschergruppen aus Nicht-Industrieländern sich mit der Thematik beschäftigen, jedoch teilweise Arbeiten und damit Ergebnisse höchst fragwürdiger wissenschaftlicher Qualität abliefern. „Wir sind zunehmend mit Arbeiten konfrontiert, für die eine wissenschaftliche Bewertung wegen gravierender Fehler im Studiendesign von vornherein nicht in Betracht kommt. Rund 20% der Studien waren davon betroffen“, berichtet Univ.-Prof. DI Dr. Norbert VANA, Strahlenphysiker und Vorsitzender des WBF.

Interessante dosimetrische Aspekte

Im Rahmen einer umfangreichen Studie zur Frage der Beeinflussung medizinischer Geräte (z.B. Monitor, Respirator, EKG, Defi, Dialysemaschine, Pumpen) durch Smartphones wurde erneut festgestellt, dass eine Störung der Geräte nicht stattfindet, wenn ein Mindestabstand von 38 cm eingehalten wird.

Durch die Installation von Mikro- und Minisendern (Femtozellen, Pikozenen, Attozellen) in Räumen kann die Belastung durch elektromagnetische Felder des Mobilfunks drastisch reduziert werden.

Auf Bahnhöfen sowie in öffentlichen Verkehrsmitteln und im Auto ist die Exposition - ausgehend von Mobilgeräten telefonierender Personen - am größten.

Ein neuer Aspekt ergab sich für die moderne Zahnmedizin: „Eine iranische Studie hat aufgezeigt, dass Zahnimplantate aus Metall einen erheblichen Einfluss auf SAR-Werte haben. Es wäre interessant, diese Beobachtung genauer zu verifizieren“, so DI Dr. Georg NEUBAUER, Experte am Austrian Institute of Technology und langjähriges Wissenschaftliches Mitglied des WBF. Wobei allerdings darauf hinzuweisen ist, dass bei der angesprochenen Untersuchung die international anerkannten Grenzwerte nicht überschritten wurden.

Kinder und Jugendliche: psychologische Effekte

Nach wie vor gibt es keine Hinweise auf mögliche Gesundheitsschädigungen bei Kindern und Jugendlichen.

Auffälligkeiten - auch solche bei Kindern, deren Mütter in der Schwangerschaft häufig Gebrauch von Mobiltelefonen machten - sind wohl nicht primär auf die elektromagnetische Strahlung zurückzuführen, sondern z.B. auf geändertes Sozialverhalten.

In diesem Zusammenhang betonte Univ.-Prof. Dr. Kurt WIDHALM, Experte für Kinder- und Jugendheilkunde sowie für Labordiagnostik, Humangenetik und Ernährungsmedizin: „Wir beobachten seit einigen Jahren ein neues Suchtsyndrom in der Pädiatrie, das vom übermäßigen Gebrauch von Mobiltelefonen auch während der Nachtstunden herrührt. Durch das vom Handy ausgehende Licht erleiden die Betroffenen massive Schlafstörungen mit allen bekannten negativen Konsequenzen.“

Mobiltelefone und männliche Fertilität

Angesichts immer wiederkehrender Medienberichte über schädigende Auswirkungen des Mobilfunks auf die Spermienqualität legt der WBF Wert auf die Feststellung, dass durch die bisher vorliegenden Studien ein negativer Einfluss auf die Zeugungsfähigkeit von Männern nicht nachgewiesen werden konnte.

Tumorentwicklung durch Mobilfunk

Dazu Univ.-Prof. Dr. Gerald HAIDINGER, Epidemiologe und Wissenschaftliches Mitglied des WBF: „Aus epidemiologischer Sicht gibt es keine neuen Anhaltspunkte für einen Zusammenhang zwischen Mobilfunk und Tumorentwicklung.“

Zukunftsthema:

Smart City, selbstfahrende Autos, 5G-Mobilfunk

Einen großen Aufgabenbereich für die Zukunft sieht der WBF in den neuen Funktechnologien - speziell auch im Zusammenhang mit dem Mobilfunk der 5. Generation (5G). Aufgrund der großen Datenmengen wird man - wie DI Dr. Georg NEUBAUER erörtert - bei 5G auf hohen Frequenzen (typischerweise jenseits der 10 GHz) übertragen, wodurch sich viele offene Fragen ergeben, die es zu lösen gilt.

Eine noch nicht abzuschätzende Exposition hinsichtlich hochfrequenter elektromagnetischer Felder wird durch autonom fahrende Kraftfahrzeuge entstehen. „Radarsysteme werden aus allen Richtungen auf uns einwirken. Dafür werden wir ein ganz neues Beurteilungsschema brauchen - SAR-Werte haben ausgedient“, konkretisiert Univ.-Prof. Dr. Christian WOLF, Internist und Arbeitsmediziner sowie Stv. Vorsitzender des WBF.

In dieselbe Kerbe schlägt der WBF-Vorsitzende: „Mit dem Ausbau von ‚Smart City‘ werden sich völlig neue Aufgabenfelder auftun, die mit Sicherheit auch Gegenstand der Arbeit des WBF sein werden“, resümiert Prof. Dr. Norbert VANA.

Umsichtiger Umgang mit dem Mobilfunk

Auch wenn die derzeitige Studienlage keinen Grund zur Besorgnis gibt, mahnt der WBF auch weiterhin zum umsichtigen Umgang bei der Verwendung von Mobilfunktechnologien. Wobei die WBF-Experten einmal mehr darauf hinweisen, dass ihre Aufgabe primär in der Risiko-Bewertung liegt, nicht jedoch im RisikoManagement. Prof. VANA: „Vorsorge ist nicht unser Job - diese fällt in die politische Verantwortung.“

Wobei jedoch - wie Prof. VANA betont - vom WBF bisher insgesamt ca. 1.500 Studien geprüft und bewertet wurden und bis heute unverändert feststeht, dass bei Einhaltung der Grenzwerte ein schädlicher Einfluss auf die menschliche Gesundheit durch die Verwendung des Mobilfunks auszuschließen ist.

Rückfragehinweis:

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Studien zu Mobilfunk und Gesundheit

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Name der Studie	Datum der	Autor/Herausgeber	Beteiligte wissenschaftliche Institute	Quelle
Power Density Measurements at 15 GHz for RF EMF Compliance Assessments of 5G User Equipment	2017-06 published online	Xu B, Zhao K, Thors B, Colombi D, Lundberg O, Ying Z, He S	Department of Electromagnetic Engineering, School of Electrical Engineering, KTH Royal Institute of Technology, Sweden	IEEE Transactions on Antennas and Propagation, Volume PP (99), published online Jun 2017
World Health Organization, radiofrequency radiation and health -a hard nut to crack (Review)	2017-06 published online	Hardell L	Department of Oncology, Faculty of Medicine and Health, Örebro University, Sweden	International Journal of Oncology, Vol 51, published online Jun 2017, pp. 405-413
Acute Neuroinflammation Promotes Cell Responses to 1800 MHz GSM Electromagnetic Fields in the Rat Cerebral Cortex	2017-06 published online	Lameth J, Gervais A, Colin C, Leveque P, Jay TM, Edeline JM, Mallat M	Sorbonne Universites, France; Universite de Limoges, France; Physiopathologie des Maladies Psychiatriques, Universite Paris Descartes, France; Paris Saclay Institute of Neuroscience, France; Sorbonne Universites, France	Neurotoxicity Research, published online Jun 2016
Effects of acute and chronic exposure to both 900 MHz and 2100 MHz electromagnetic radiation on glutamate receptor signaling pathway	2017-06 published online	GökQek-SaraQ Q, Er H, Kencebay Manas C, Kantar Gök D, Özen Ş, Derin N	Faculty of Engineering, Department of Biomedical Engineering, Akdeniz University; Faculty of Medicine, Department of Biophysics, Akdeniz University; Faculty of Engineering, Department of Electrical and Electronics Engineering, Akdeniz University, Turkey	International Journal of Radiation Biology, published online Jun 2017
Mobile phone use, school electromagnetic field levels and related symptoms: a cross-sectional survey among 2150 high school students in Izmir	2017-06 published online	Du rusoy R, Hassoy H, Özkurt A, Karababa AO	Department of Public Health, Ege University Medical School, Turkey; Department of Electrical and Electronics Engineering, Dokuz Eylül University, Turkey	Environmental Health, published online Jun 2017
Adaptive Response Induced by Pre-Exposure to 915 MHz Radiofrequency: A Possible Role for Antioxidant Enzyme Activity	2017-06 published online	Mortazavi SMJ, Mostafavi-Pour Z, Daneshmand M, Zal F,	Medical Physics and Medical Engineering Department, School of Medicine/Biochemistry Department/	Journal of Biomedical Physics and Engineering, published online Jun 2016
The effect of 1800MHz radio-frequency radiation on NMDA receptor subunit NR1 expression and peroxidation in the rat brain in healthy and inflammatory states	2017-06 published online	Bodera P, Makarova K, Zawada K, Antkowiak B, Paluch M, Sobiczewska	Department of Microwave Safety, Military Institute of Hygiene and Epidemiology, Poland; Department of Physical	Biomedicine & Pharmacotherapy, Vol 92, published online Jun 2017, pp. 802-809

<p>Enhancement of X-ray Induced Apoptosis by Mobile Phone-Like Radio-Frequency Electromagnetic Fields in Mouse Spermatocyte-Derived Cells</p>	<p>2017-06 published online</p>	<p>Zhang KY, Xu H, Du L, Xing JL, Zhang B, Bai QS, Xu YQ, Zhou YC, Zhang JP, Zhou Y, Ding GR</p>	<p>Department of Radiation Biology, Fourth Military Medical University, China; Radiological College, Taishan Medical University, China; Department of Pathology, Fourth Military Medical University, China</p>	<p>International Journal of Environmental Research and Public Health, published online Jun 2017</p>
<p>RF EMF Risk Perception Revisited: Is the Focus on Concern Sufficient for Risk Perception Studies?</p>	<p>2017-06 published online</p>	<p>Wiedemann PM, Freudenstein F, Böhmert C, Wiart J, Croft RJ</p>	<p>School of Psychology/Illawarra Health and Medical Research Institute/Australian Centre for Electromagnetic Bioeffects Research/ University of Wollongong, Australia; Centre for Population Health Research on Electromagnetic Energy, Monash University, Australia; Department of Science Communication, Karlsruhe Institute of Technology, Germany; Chaire C2M, LTCI Telecom ParisTech, Paris Saclay University, France;</p>	<p>International Journal of Environmental Research and Public Health, Vol 14, published online Jun 2017</p>
<p>Alterations of thymic morphology and antioxidant biomarkers in 60-day-old male rats following exposure to a continuous 900 MHz electromagnetic field during adolescence</p>	<p>2017-06 published online</p>	<p>Kulaber A, Kerimoglu G, Ersöz Ş, Qolakoglu S, Odaci E</p>	<p>Departments of Histology and Embryology Pathology, Faculty of Medicine, Karadeniz Technical University, Turkey; Department of Anatomy, Faculty</p>	<p>Biotechnic & Histochemistry, published online Jun 2017</p>
<p>An assessment of the autonomic nervous system in the electrohypersensitive population: a heart rate variability and skin conductance study</p>	<p>2017-06 published online</p>	<p>Andrianome S, Gobert J, Hugueville L, Stephan-Blanchard E, Telliez F, Selmaoui B</p>	<p>INERIS; Centre National de la Recherche Scientifique, Jules Verne University of Picardy, Institut d'Ingenierie de la Sante-UFR de Medecine, France</p>	<p>Journal of Applied Physiology, published online Jun 2017</p>
<p>Influence of radiofrequency-electromagnetic waves from 3rd-generation cellular phones on fertilization and embryo development in mice</p>	<p>2017-06 published online</p>	<p>Suzuki S, Okutsu M, Suganuma R, Komiya H, Nakatani-Enomoto S, Kobayashi S, Ugawa Y, Tatenno H, Fujimori K</p>	<p>Department of Obstetrics and Gynecology/Department of Neurology/Fukushima Global Medical Science Center, Advanced Clinical Research Center Fukushima Medical University, Japan; Department of Biological Sciences, Asahikawa Medical University, Japan</p>	<p>Bioelectromagnetics, published online Jun 2017</p>
<p>The a-helix alignment of proteins in water solution toward a high-frequency electromagnetic field: A FTIR spectroscopy study</p>	<p>2017-06 published online</p>	<p>Calabro E, Magazù S</p>	<p>Department of Mathematics and Informatics Sciences, Physics Sciences and Earth Sciences, University of Messina, Italy</p>	<p>Electromagnetic Biology and Medicine, published online Jun 2017</p>

<p>Patterns of cellular phone use among young people in 12 countries: Implications for RF exposure</p>	<p>2017-06 published online</p>	<p>Langer CE, de Llobet P, Dalmau A, Wiart J, Goedhart G, Hours M, Benke GP, Bouka E, Bruchim R, Choi KH, Eng A, Ha M, Karalexi M, Kiyohara K, Kojimahara N, Krewski D, Kromhout H, Lacour B, 't Manneetje A, Maule M, Migliore E, Mohipp C, Momoli F, Petridou E, Radon K, Remen T, Sadetzki S, Sim MR, Weinmann T, Vermeulen R, Cardis E, Vrijheid M</p>	<p>ISGlobal, Centre for Research in Environmental EpidemiologyUniversitat Pompeu Fabra, Spain; Telecom ParisTech, Universite Paris-Saclay, France; Division of Environmental Epidemiology, Institute for Risk Assessment Sciences, Utrecht University, Netherlands; Epidemiological Research and Surveillance Unit in Transport, Occupation and Environment (UMRESTTE), Universite de Lyon, France; Department of Epidemiology & Preventive Medicine, School of Public Health & Preventive Medicine, Monash University, Australia; Department of Hygiene, Epidemiology and Medical Statistics, National and Kapodistrian University of Athens, Greece; Cancer and Radiation Epidemiology Unit, Gertner Institute for Epidemiology and Health Policy Research, Chaim Sheba Medical Center, Israel; Department of Preventive Medicine, Dankook University College of Medicine, Republic of Korea; Centre for Public Health Research, Massey University, New Zealand; Department of Public Health, Tokyo Women's Medical University, Japan; McLaughlin Centre for Population Health Risk Assessment, School of Epidemiology, Public Health and Preventive Medicine, University of Ottawa, Canada; Cancer Epidemiology</p>	<p>Environment International, Vol 107, published online Jun 2017, pp. 65-74</p>
<p>Use of mobile and cordless phones and change in cognitive function: a prospective cohort analysis of Australian primary school children</p>	<p>2017-06</p>	<p>Bhatt CR, Benke G, Smith CL, Redmayne M, Dimitriadis C, Dalecki A, Macleod S, Sim MR, Croft RJ, Wolfe R, Kaufman J, Abramson MJ</p>	<p>Centre for Population Health Research on Electromagnetic Energy (PRESEE), School of Public Health and Preventive Medicine, Monash University, Australia; Australian Centre for Electromagnetic Bioeffects Research, School of Psychology, University of Wollongong, Australia; School of Health Sciences, Swinburne University of Technology,</p>	<p>Environmental Health, Vol 16 (92), Jun 2017, pp. 1-10</p>
<p>Context-sensitive ecological momentary assessments; integrating real-time exposure measurements, data-analytics and health assessment using a smartphone application</p>	<p>2017-06</p>	<p>van Wel L, Huss A, Bachmann P, Zahner M, Kromhout H, Fröhlich J, Vermeulen R</p>	<p>Institute for Risk Assessment Sciences (IRAS), Division Environmental Epidemiology, Utrecht University; Netherlands; Fields at Work GmbH, Zurich, Switzerland; Institute of Electromagnetic Fields (IEF), ETH Zurich, Switzerland</p>	<p>Environment International, Vol 103, Jun 2017, pp. 8-12</p>
<p>Erratum to Bortkiewicz et al. "Mobile phone use and risk for intracranial tumors and salivary gland tumors - A meta-analysis" (Int J Occup Med Environ Health 2017;30(1):27-43)</p>	<p>2017-06 published online</p>	<p>Bortkiewicz A</p>	<p>Nofer Institute of Occupational Medicine, Poland</p>	<p>International Journal of Occupational Medicine and Environmental Health, published online Jun 2017</p>

<p>Neurodevelopment for the first three years following prenatal mobile phone use, radio frequency radiation and lead exposure</p>	<p>2017-05 published online</p>	<p>Choi KH, Ha M, Ha EH, Park H, Kim Y, Hong YC, Lee AK, Hwa Kwon J, Choi HD, Kim N, Kim S, Park C</p>	<p>Department of Preventive Medicine, Dankook University College of Medicine, Korea; Department of Occupational and Environmental Medicine, College of Medicine, Ewha Womans University, Korea; Department of Occupational and Environmental Medicine, Ulsan University Hospital, University of Ulsan College of Medicine, Republic of Korea; Electronics and Telecommunications Research Institute, Korea</p>	<p>Environmental Research, Vol 156, published online May 2017, pp. 810-817</p>
<p>Electromagnetic Fields, Pulsed Radiofrequency Radiation, and Epigenetics: How Wireless Technologies May Affect Childhood Development</p>	<p>2017-05 published online</p>	<p>Sage C, Burgio E</p>	<p>Sage Associates, Santa Barbara, USA; International Society of Doctors for Environment, Basel, Switzerland</p>	<p>Child Development, published online May 2017</p>
<p>Long-term exposure to a continuous 900 MHz electromagnetic field disrupts cerebellar morphology in young adult male rats</p>	<p>2017-05 published online</p>	<p>Aslan A, ikinci A, Baş O, Sönmez OF, Kaya H, Odaci E</p>	<p>Department of Physiology/Department of Anatomy, Faculty of Medicine, Ordu University; Turkey; Department of Neurosurgery , Tepecik Education and Research Hospital, Turkey; Department of Electrical and Electronic Engineering, Faculty of Engineering , Karadeniz Technical University, Turkey</p>	<p>Biotechnic & Histochemistry, published online May 2017</p>
<p>Radiation from wireless technology elevates blood glucose and body temperature in 40-year-old type 1 diabetic male</p>	<p>2017-05 published online</p>	<p>Kleiber CE</p>		<p>Electromagnetic Biology and Medicine, published online May 2017</p>
<p>Probabilistic multiple-bias modelling applied to the Canadian data from the INTERPHONE study of mobile phone use and risk of glioma, meningioma, acoustic neuroma, and parotid gland tumors</p>	<p>2017-05 published online</p>	<p>Momoli F, Siemiatycki J, McBride ML, Parent ME, Richardson L, Bedard D, Platt R, Vrijheid M, Cardis E, Krewski D</p>	<p>Centre for Practice-Changing-Research, Canada</p>	<p>American Journal of Epidemiology, published online May 2017</p>
<p>Effect of Cell Phone Radiations on Orofacial Structures: A Systematic Review</p>	<p>2017-05</p>	<p>Mishra SK, Chowdhary R, Kumari S, Rao SB</p>	<p>Department of Maxillofacial Prosthodontics and Implantology, Rajarajeswari Dental College and Hospital, India; Department of Orthodontics and Dentofacial Orthopaedics, Rishiraj College of Dental Sciences and Research Centre, India</p>	<p>Journal of Clinical&Diagnostic Research, Vol 11(5), May 2017, pp. 1-5</p>
<p>Adverse and beneficial effects in Chinese hamster lung fibroblast cells following radiofrequency exposure</p>	<p>2017-05</p>	<p>Sannino A, Zeni O, Romeo S, Massa R, Scarfi MR</p>	<p>CNR-Institute for Electromagnetic Sensing of the Environment, Italy; Department of Physics "Ettore Pancini", University of Naples Federico II, Italy</p>	<p>Bioelectromagnetics, Vol 38(4), May 2017, pp. 245-254</p>

<p>Mobile phone use and risk of brain tumours: a systematic review of association between study quality, source of funding, and research outcomes</p>	<p>2017-05</p>	<p>Prasad M, Kathuria P, Nair P, Kumar A, Prasad K</p>	<p>Department of Community Medicine, Postgraduate Institute of Medical Sciences, India; Department of Neurology, All India Institute of Medical Sciences, India</p>	<p>Neurological Sciences, Vol 38 (5), May 2017, pp. 797810</p>
<p>Radiofrequency exposure near an attocell as part of an ultra-high density access network</p>	<p>2017-05</p>	<p>Thielens A, Vermeeren G, Caytan O, Torfs G, Demeester P, Bauwelinck J, Rogier H, Martens L, Joseph W</p>	<p>Department of Information Technology, Ghent University, Belgium</p>	<p>Bioelectromagnetics, Vol 38, May 2017, pp. 295-306</p>
<p>Proteomic analysis of continuous 900-MHz radiofrequency electromagnetic field exposure in testicular tissue: a rat model of human cell phone exposure</p>	<p>2017-05</p>	<p>Sepehrimanesh M, Kazemipour N, Saeb M, Nazifi S, Davis DL</p>	<p>Gastroenterohepatology Research Center, Shiraz University of Medical Sciences, Iran; Department of Biochemistry, School of Veterinary Medicine, Shiraz University, Iran</p>	<p>Environmental Science and Pollution Research, Vol 24 (15), May 2017, pp. 13666-13673</p>
<p>Cell phone use may increase the risk of developing parotid gland tumors</p>	<p>2017-05</p>	<p>Brignardello-Petersen R</p>	<p>Department of Health Research Methods, McMaster University, Canada</p>	<p>The Journal of the American Dental Association, Vol 148 (5), May 2017</p>
<p>Mobile phone use and glioma risk: A systematic review and meta-analysis</p>	<p>2017-05</p>	<p>Yang M, Guo W, Yang C, Tang J, Huang Q, Feng S, Jiang A, Xu X, Jiang G</p>	<p>Department of Stereotactic Radiosurgery, Affiliated Hospital of Xuzhou Medical University, China; Department of Radiotherapy/Department of Dermatology, Affiliated Hospital of Xuzhou Medical University, China, Department of Dermatology, the Affiliated Huai'an Hospital of Xuzhou Medical University, China</p>	<p>PLOS ONE, Vol 12 (5), May 2017</p>
<p>Child and Adolescent Use of Mobile Phones: An Unparalleled Complex Developmental Phenomenon</p>	<p>2017-05 published online</p>	<p>Yan Z</p>	<p>University at Albany, State University of New York, USA</p>	<p>Child Development, published online May 2017</p>

Effect of long-term exposure of mice to 900 MHz GSM radiation on experimental cutaneous candidiasis	2017-05	Bayat M, Hemati S, Soleimani-Estyar R, Shahin-Jafari A	Department of Pathobiology, Faculty of Veterinary Specialized Sciences, Islamic Azad University, Iran; Tuberculosis and Pulmonary Research Department, Pasteur Institute of Tehran, Iran	Saudi Journal of Biological Sciences, Vol 24 (4), May 2017, pp. 907-914
Assessment of fetal exposure to 4G LTE tablet in realistic scenarios using stochastic dosimetry	2017-05	Chiaranello E, Parazzini M, Ravazzani P, Wiart J	Istituto di Elettronica e di Ingegneria dell'Informazione e delle Telecomunicazioni, Italy; Telecom ParisTech, France	Applied Computational Electromagnetics Society Symposium, May 2017
Use of cell phones and brain tumors: a true association?	2017-05	Beghi E	Laboratorio di Malattie Neurologiche, IRCCS-Istituto di Ricerche Farmacologiche Mario Negri, Italy	Neurological Sciences, Vol 38 (5), May 2017, pp. 713714
Effects of Mobile Phones on Children's and Adolescents' Health: A Commentary	2017-05 published online	Hardell L	Örebro University, Örebro, Sweden	Child Development, published online May 2017
Corrigendum to "Inferring the 1985-2014 impact of mobile phone use on selected brain cancer subtypes using Bayesian structural time series and synthetic controls" [Environ. Int. (2016), 97, 100107]	2017-04	de Vocht F	School of Social and Community Medicine, University of Bristol, UK	Environment International, Vol 101, Apr 2017, pp. 201-202
Maternal cell phone use during pregnancy and child behavioral problems in five birth cohorts	2017-04 published online	Birks L, Guxens M, Papadopoulou E, Alexander J, Ballester F, Estarlich M, Gallastegi M, Ha M, Haugen M, Huss A, Kheifets L, Lim H, Olsen J, Santa-Marina L, Sudan M, Vermeulen R,	ISGlobal Center for Research in Environmental Epidemiology, Spain; Domain of Infection Control and Environmental Health, Norwegian Institute of Public Health, Norway; Spanish Consortium for Research on Epidemiology and Public Health; Instituto de Salud Carlos III, Spain;	Environment International, Vol 104, published online Apr 2017, pp. 122-132
Radiofrequency exposure levels in Amsterdam schools	2017-04 published online	van Wel L, Vermeulen R, van Eijsden M, Vrijkotte T, Kromhout H, Huss A	Institute for Risk Assessment Sciences (IRAS), Division Environmental Epidemiology, Utrecht University, Netherlands; Department of Public Health, Academic Medical Center.	Bioelectromagnetics, Vol 38(5), published online Apr 2017, pp. 397-400
Letter to the editor: "Neuroprotective effects of melatonin and omega-3 on hippocampal cells prenatally exposed to 900 MHz electromagnetic fields"	2017-04 published online	Mortazavi S, Mortazavi S, Paknahad M	Medical Physics Department, School of Medicine, Shiraz University of Medical Sciences, Iran; Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Iran; Dentomaxillofacial Radiology, School of Dentistry, Shiraz University of Medical Sciences, Iran	International Journal of Radiation Biology, published online Apr 2017

Modeled and Perceived Exposure to Radio-Frequency Electromagnetic Fields From Mobile-Phone Base Stations and the Development of Symptoms Over Time in a General Population Cohort	2017-04 published online	Martens AL, Slotte P, Timmermans DR, Kromhout H, Reedijk M, Vermeulen RC, Smid T	Institute for Risk Assessment Sciences, Universiteit Utrecht, Netherlands	American Journal of Epidemiology, published online Apr 2017
Exposure to mobile phone (900-1800 MHz) during pregnancy: tissue oxidative stress after childbirth	2017-04 published online	Bahreyni Toossi MH, Sadeghnia HR, Mohammad Mahdizadeh Feyzabadi M, Hosseini M, Hedayati M, Mosallanejad R, Beheshti F, Alizadeh	Medical Physics Research Center, Pharmacological Research Center of Medicinal Plants, Division of Neurocognitive Sciences, Psychiatry and Behavioral Sciences Research Center, Neurogenic Inflammation Research Center, Mashhad University of Medical	The Journal of Maternal-Fetal & Neonatal Medicine, published online Apr 2017
Questionnaire-based evaluation of mobile phone interference with medical-electrical equipment in Swedish hospitals	2017-04 published online	Wiinberg S, Samuelsson G, Larsson S, Nilsson B, Jönsson PX, Ivarsson B, Olofsson PÅ	Department of Cardiothoracic Surgery, Lund University, Sweden	Technology and Healthcare, published online Apr 2017
Mobile phone types and SAR characteristics of the human brain	2017-04	Lee AK, Hong SE, Kwon JH, Choi HD, Cardis E	Radio Technology Research Department, Electronics and Telecommunications Research Institute, Republic of Korea	Physics in Medicine & Biology, Vol 62 (7), Apr 2017, pp. 2741-2761
High radiofrequency radiation at Stockholm Old Town: An exposimeter study including the Royal Castle, Supreme Court, three major squares and the Swedish Parliament	2017-04	Hardell L, Carlberg M, Koppel T, Hedendahl L	Department of Oncology, Faculty of Medicine and Health, Örebro University, Sweden; Department of Labour Environment and Safety, Tallinn	Molecular and clinical oncology, Vol 6, Apr 2017, pp. 462-476
Current Understanding of the Health Effects of Electromagnetic Fields	2017-04	Miah T, Kamat D		Pediatric annals, Vol 46 (4), Apr 2017
Acute effects of radiofrequency electromagnetic field emitted by mobile phone on brain function	2017-04	Zhang J, Sumich A, Wang GY	School of Electrical Engineering and Automation, Tianjin University, China; Division of Psychology, School of Social Sciences, Nottingham Trent University, UK; Department of Psychology, AUT University, New Zealand	Bioelectromagnetics, Vol 38 (5), Apr 2017, pp. 329-338
Letter to the editor: Can body-worn devices be used for measuring personal exposure to mm waves?	2017-04	Thielens A, Martens L, Joseph W	Department of Information Technology, Ghent University, Belgium	Bioelectromagnetics, Vol 28(3), Apr 2017, pp. 239-242

<p>Symptoms and the use of wireless communication devices: a prospective cohort study in Swiss adolescents</p>	<p>2017-04</p>	<p>Schoeni A, Roser K, Rösli M</p>	<p>Swiss Tropical and Public Health Institute, University of Basel, Switzerland</p>	<p>Environmental Research, Vol 154, Apr 2017, pp. 275-283</p>
<p>SAR Variation Due to Exposure From a Smartphone Held at Various Positions Near the Torso</p>	<p>2017-04</p>	<p>Takei R, Nagaoka T, Saito K, Watanabe S, Takahashi M</p>	<p>Graduate School of Engineering, Chiba University, Japan; National Institute of Information and Communications Technology, Japan</p>	<p>IEEE Transactions on Electromagnetic Compatibility, Vol 59 (2), Apr 2017, pp. 747-753</p>
<p>ELF exposure from mobile and cordless phones for the epidemiological MOBI-Kids study</p>	<p>2017-04</p>	<p>Calderon C, Ichikawa H, Taki M, Wake K, Addison D, Mee T, Maslanyj M, Kromhout H, Lee AK, Sim MR, Wiert J, Cardis E</p>	<p>Public Health England, Centre for Radiation, Chemical and Environmental Hazards, UK; Department of Electrical Engineering, Graduate School of Engineering, Tokyo Metropolitan University, Japan; Public Health England, Centre for Radiation, Chemical and Environmental Hazards, UK; Institute for Risk Assessment Science, Utrecht University, Netherlands; Radio Technology Research Department, Electronics and Telecommunications Research Institute, Republic of Korea; Department of Epidemiology and Preventive Medicine, Faculty of Medicine, Nursing and Health Science, Monash University, Australia; Telecom ParisTech, France; Barcelona Institute for Global Health, Universitat Pompeu Fabra, Spain</p>	<p>Environmental International, Vol 101, Apr 2017, pp. 59-69</p>
<p>Analysis of mobile phone use among young patients with brain tumors in Japan</p>	<p>2017-03 published online</p>	<p>Sato Y, Kojimahara N, Yamaguchi N</p>	<p>Department of Public Health, School of Medicine, Tokyo Women's Medical University, Japan</p>	<p>Bioelectromagnetics, Vol 38 (5), published online Mar 2017, pp. 349-355</p>
<p>Low SAR planar inverted-F antenna for mobile phone</p>	<p>2017-03 published online</p>	<p>Hossain MI, Faruque MRI, Islam MT</p>	<p>Space Science Center (ANGKASA), Universiti Kebangsaan Malaysia (UKM), Malaysia; Department of Electrical, Electronic, and System Engineering, Universiti Kebangsaan Malaysia (UKM), Malaysia</p>	<p>2016 International Conference on Advances in Electrical, Electronic and System Engineering, published online Mar 2017, pp. 572-576</p>

Analysis of EM absorption reduction using paper based negative indexed metamaterial shielding	2017-03 published online	Alam T, Alam MS, Misran N, Mansor MF, Islam MT	Dept. Of Electrical, Electronic and Systems Engineering, Universiti Kebangsaan Malaysia (UKM), Malaysia	2016 International Conference on Advances in Electrical, Electronic and System Engineering, published online Mar 2017, pp. 563-566
Radiofrequency electromagnetic radiation from cell phone causes defective testicular function in male Wistar rats	2017-03 published online	Oyewopo AO, Olaniyi SK, Oyewopo CI, Jimoh AT	Department of Anatomy, College of Health Sciences, University of Ilorin, Nigeria; Department of Physiology, University of Ilorin, Nigeria; Department of Anesthesia, University of Ilorin Teaching Hospital, University of Ilorin, Nigeria	Andrologia, published online Mar 2017
A study on the effect of prolonged mobile phone use on pure tone audiometry thresholds of medical students of Sikkim	2017-03 published online	Das S, Chakraborty S, Mahanta B	Department of ENT, Sikkim Manipal Institute of Medical Sciences, India	Journal of postgraduate medicine, published online Mar 2017
Effect of 1.8 GHz radiofrequency electromagnetic radiation on novel object associative recognition memory in mice	2017-03 published online	Wang K, Lu JM, Xing ZH, Zhao QR, Hu LQ, Xue L, Zhang J, Mei YA	State Key Laboratory of Medical Neurobiology, School of Life Sciences and Institutes of Brain Science, Fudan University, China; Physics department, East China Normal University, China	Scientific Reports, published online Mar 2017
A Radio Frequency Radiation Exposure System for Rodents Based on Reverberation Chambers	2017-03 published online	Capstick MH, Kuehn S, Berdinas-Torres V, Gong Y, Wilson PF, Ladbury JM, Koepke G, McCormick DL, Gauger J, Melnick RL, Kuster N	IT'IS Foundation, Zurich, Switzerland	IEEE Transactions on Electromagnetic Compatibility, Vol 59 (4), published online Mar 2017, pp. 1041-1052
Characterizing and mapping of exposure to radiofrequency electromagnetic fields (20-3,000 Mhz) in Chengdu, China	2017-03	Zhu G, Gong X, Luo R	School of Electrical Engineering and Information, Sichuan University, China; University Park, the University of Nottingham, UK	Health Physics, Vol 112 (3), Mar 2017, pp. 266-275
A Technical Approach to the Evaluation of Radiofrequency Radiation Emissions from Mobile Telephony Base Stations	2017-03	Buckus R, Strukcinskiene B, Raistenskis J, Stukas R, Sidlauskienė A, Cerkauskiene R, Isopescu DN, Stabryla J, Cretescu I	Faculty of Medicine, Vilnius University, Lithuania; Faculty of Health Sciences, Klaipeda University, Lithuania; Faculty of Civil Engineering, "Gheorghe Asachi" Technical University of Iași, Romania; Faculty of Technical Sciences, University of Warmia and Mazury in Olsztyn, Poland; Faculty of Chemical Engineering and Environmental Protection, "Gheorghe Asachi" Technical University of Iași, Romania	International Journal of Environmental Research and Public Health, Vol 14(3), Mar 2017

Activation of autophagy at cerebral cortex and apoptosis at brainstem are differential responses to 835 MHz RF-EMF exposure	2017-03	Kim JH, Yu DH, Kim HR	Department of Pharmacology, College of Medicine, Dankook University, Korea	Korean Journal of Physiology and Pharmacology, Vol 21 (2), Mar 2017, pp. 179-188
Letter to the editor: Electromagnetic interference of mobile phones: insight into heart rate variability	2017-03	Mert KU, Dural M, Mert GÖ, Iskenderov K	Department of Cardiology, Faculty of Medicine, Eskişehir Osmangazi University, Turkey	Anatolian journal of cardiology, Vol 17 (3), Mar 2017, p. 248
Life-Time Dosimetric Assessment for Mice and Rats Exposed in Reverberation Chambers for the Two-Year NTP Cancer Bioassay Study on Cell Phone Radiation	2017-03	Gong Y, Capstick MH, Kuehn S, Wilson PF, Ladbury JM, Koepke G, McCormick DL, Melnick RL, Kuster N	IT'IS Foundation, Zurich, Switzerland	IEEE Transactions on Electromagnetic Compatibility, Vol pp (99), Mar 2017, pp. 1-11
Radiation measurements at repeated intervals for various locations of SIU campus and calculation of compliance distance from cell tower	2017-03	Jain A, Tupe-Waghmare P	Department of E&TC Engineering, Symbiosis Institute of Technology, Symbiosis International University, India	International Conference on Automatic Control and Dynamic Optimization Techniques, Mar 2017, pp. 804808
An investigation of SAR inside human heart for antenna directivity, surface current variations and effect on antenna frequency in presence of heart	2017-03 published online	Rashid MMU, Sarkar AK, Paul LC, Bouazizi A, Sen R, Podder B	Dept. of Electronic & Telecommunication Engineering, Rajshahi University of Engineering & Tech., Bangladesh	International Conference on Electrical, Computer & Telecommunication Engineering (ICECTE), published online Mar 2017
Evaluation of Mobile Phone and Cordless Phone Use and Glioma Risk Using the Bradford Hill Viewpoints from 1965 on Association or Causation	2017-03	Carlberg M, Hardell L	Department of Oncology, Faculty of Medicine and Health, Örebro University, Sweden	BioMed Research International, Vol 2017, Mar 2017
Effect of Exposure to 900 MHz GSM Mobile Phone Radiofrequency Radiation on Estrogen Receptor Methylation Status in Colon Cells of Male Sprague Dawley Rats	2017-03	Mokarram P, Sheikhi M, Mortazavi SMJ, Saeb S, Shokrpour N	Department of Biochemistry/Department of Radiobiology/Ionizing and Non-ionizing Radiation Protection Research Center/Department of clinical biochemistry, Shiraz University of Medical Sciences, Iran	Journal of Biomedical Physics & Engineering, Vol 7(1), Mar 2017, pp. 79-86
Letter to the editor: Self-reported mobile phone use and semen parameters among men from a fertility clinic	2017-02 published online	Mortazavi SM, Mortazavi S, Paknahad M	Medical Physics Department, School of Medicine, Shiraz University of Medical Sciences, Iran; Oral and Dental Disease Research Center, Oral and Maxillofacial Radiology Department, School of Dentistry, Shiraz University of Medical Sciences, Iran	Reproductive Toxicology, published online Feb 2017

<p>Response to Correspondence by Mortazavi et al. Re: "Self- Reported Mobile Phone Use and Semen Parameters among Men from a Fertility Clinic"</p>	<p>2017-02 published online</p>	<p>Lewis RC, Mmguez-Alarcon L, Meeker JD, Williams PL, Mezei G, Ford JB, Hauser R</p>	<p>Center for Health Sciences, Exponent Inc, USA; Department of Environmental Health, Harvard T.H. Chan School of Public Health, USA; Department of Environmental Health Sciences, University of Michigan School of Public Health, USA; Department of Biostatistics, Harvard T.H. Chan School of Public Health, USA</p>	<p>Reproductive Toxicology, published online Feb 2017</p>
<p>On the sensitivity of the skull thickness for the SAR assessment in the intracranial tissues</p>	<p>2017-02 published online</p>	<p>Fernandez-Rodriguez CE, Almeida de Salles AA</p>	<p>Federal Institute of Education, Science and Technology of Rio Grande do Sul, Brazil; Electrical Engineering Department, Federal University of Rio Grande do Sul, Brazil</p>	<p>IEEE MTT-S Latin America Microwave Conference (LAMC-2016), published online Feb 2017</p>
<p>Can cell phone electromagnetic radiation harm human health?</p>	<p>2017-02 published online</p>	<p>Thajjiam C, Woradit K, Leela N, Kaewwibool P</p>	<p>Department of Electrical Engineering, Faculty of Engineering, Srinakharinwirot University, Thailand</p>	<p>IEEE 9th Biomedical Engineering International Conference (BMEiCON), published online Feb 2017</p>
<p>A comparative study of the PIFA and printed monopole antenna EM absorption</p>	<p>2017-02</p>	<p>Hossain MI, Iqbal Faruque MR, Islam MT</p>	<p>Space Science Center, Universiti Kebangsaan Malaysia, Malaysia; Department of Electrical, Electronic and Systems Engineering, Universiti Kebangsaan Malaysia, Malaysia</p>	<p>Biomedical Engineering, Vol 62 (1), Feb 2017, pp. 13-21</p>
<p>When theory and observation collide: Can non-ionizing radiation cause cancer?</p>	<p>2017-02</p>	<p>Havas M</p>	<p>Trent School of the Environment, Trent University, Canada</p>	<p>Environmental Pollution, Vol 221, Feb 2017, pp. 501-505</p>
<p>Effect of electromagnetic waves from mobile phone on immune status of male rats: possible protective role of vitamin D</p>	<p>2017-02</p>	<p>El-Gohary OA, Said MA</p>	<p>Department of Medical Physiology, Faculty of Medicine, Benha University, Egypt</p>	<p>Canadian Journal of Physiology and Pharmacology, Vol 95 (2), Feb 2017, pp. 152-156</p>
<p>Semi-quantitative proteomics of mammalian cells upon short-term exposure to non-ionizing electromagnetic fields</p>	<p>2017-02</p>	<p>Kuzniar A, Laffeber C, Eppink B, Bezstarosti K, Dekkers D, Woelders H, Zwamborn AP, Demmers J, Lebbink JH, Kanaar R</p>	<p>Department of Molecular Genetics, Cancer Genomics Netherlands, Erasmus University Medical Center, Netherlands; Netherlands eScience Center, Netherlands; Proteomics Center, Erasmus University Medical Center, Netherlands; Department of Radiation Oncology, Erasmus University Medical Center, Netherlands</p>	<p>PLOS ONE, Vol 12(2), Feb 2017</p>
<p>Letter to the editor: Association between electromagnetic field exposure and abortion in pregnant women living in Tehran</p>	<p>2017-02</p>	<p>Mortazavi SMJ, Mortazavi SA, Paknahad M</p>	<p>Medical Physics Department/Ionizing and Non-ionizing Radiation Protection Research Center/Dentomaxillofacial Radiology Department, Shiraz University of Medical Sciences, Iran</p>	<p>International Journal of Reproductive BioMedicine, Vol 15 (2), Feb 2017, pp. 115-116</p>

<p>Evaluation of the Effect of Radiofrequency Radiation Emitted From Wi-Fi Router and Mobile Phone Simulator on the Antibacterial Susceptibility of Pathogenic Bacteria <i>Listeria monocytogenes</i> and <i>Escherichia coli</i></p>	<p>2017-01</p>	<p>Taheri M, Mortazavi SM, Moradi M, Mansouri S, Hatam GR, Nouri F</p>	<p>Department of Microbiology, School of Medicine, Kerman University of Medical Sciences, Iran; Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Iran; Basic Sciences, School of Advanced Medical Sciences and Technologies, Shiraz University of Medical Sciences, Iran; Department of Pharmaceutical Biotechnology and Pharmaceutical Sciences Research Center, School of Pharmacy, Shiraz University of Medical Scienc, Iran</p>	<p>Dose response, Vol 15 (1), Jan 2017</p>
<p>Electromagnetic Interference in Cardiac Implantable Electronic Devices: Is the Use of Smartphones Safe?</p>	<p>2017-01</p>	<p>Lennerz C, Pavaci H, Grebmer C, Semmler V, Bourier F, Haller B, Reents T, Hessling G, Deisenhofer I, Kolb C</p>	<p>Deutsches Herzzentrum München, Germany</p>	<p>Journal of the American College of Cardiology, Vol 69 (1), Jan 2017, pp. 108-110</p>
<p>The NTP cell phone RF radiation health effects project</p>	<p>2017-01</p>	<p>Lin JC</p>	<p>University of Illinois at Chicago, USA</p>	<p>IEEE Microwave Magazine, Vol 18(1), Jan-Feb 2017, pp. 15-17</p>
<p>Self-reported mobile phone use and semen parameters among men from a fertility clinic</p>	<p>2017-01</p>	<p>Lewis RC, Minguéz-Alarcon L, Meeker JD, Williams PL, Mezei G, Ford JB, Hauser R</p>	<p>Center for Health Sciences, Exponent, Inc, USA; Department of Environmental Health, Harvard T.H. Chan School of Public Health, USA; Department of Environmental Health Sciences, University of Michigan School of Public Health, USA; Department of Biostatistics, Harvard T.H. Chan School of Public Health, USA;</p>	<p>Reproductive Toxicology, Vol 67, Jan 2017, pp. 42-27</p>
<p>Reply to comment on "Effects of cell phone use on semen parameters: Results from the MARHCS cohort study in Chongqing, China"</p>	<p>2017-01</p>	<p>Zhang G, Yan H, Chen Q, Liu K, Ling X, Sun L, Zhou N, Wang Z, Zou P, Wang X, Tan L, Cui Z, Zhou Z, Liu J, Ao L, Cao J</p>	<p>Institute of Toxicology, College of Preventive Medicine, Third Military Medical University, Chongqing, China; Department of Environmental Health, College of Preventive Medicine, Third Military Medical University, Chongqing, China</p>	<p>Environment International, Vol. 98, Jan 2017, pp. 231232</p>
<p>Letter to the editor:"Effects of cell phone use on semen parameters: Results from the MARHCS cohort study in Chongqing, China"</p>	<p>2017-01</p>	<p>Mortazavi SAR, Shekoohi-Shooli F, Mortazavi G, Mortazavi SMJ</p>	<p>School of Medicine, Shiraz University of Medical Sciences, Iran; Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Iran; Medical Physics Department, School of Medicine, Shiraz University of Medical Sciences, Iran</p>	<p>Environment International, Vol. 98, Jan 2017, pp. 229230</p>

Comment on "Long-term exposure to electromagnetic radiation from mobile phones and Wi-Fi devices decreases plasma prolactin, progesterone, and estrogen levels but increases uterine oxidative stress in pregnant rats and their offspring"	2017-01	Mortazavi S, Mortazavi S, Paknahad M	Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Iran; School of Dentistry, Shiraz University of Medical Sciences, Iran	Endocrine, Vol 55 (1), Jan 2017, pp. 324-325
Oxidative effects of extremely low frequency magnetic field and radio frequency radiation on testes tissues of diabetic and healthy rats	2017	Kuzay D, Ozer C, Sirav B, Canseven AG, Seyhan N	Department of Biophysics, Faculty of Medicine, Gazi University, Turkey	Bratislava Medical Journal, Vol 188 (5), 2017, pp. 278282
The effect of Base Transceiver Station waves on some immunological and hematological factors in exposed persons	2017	Taheri M, Roshanaei G, Ghaffari J, Rahimnejad S, Khosroshahi BN, Aliabadi M, Eftekharian MM	Department of Medical Genetics, Shahid Beheshti University of Medical Sciences, Iran; Modeling of No Communicable Diseases Research Center, Department of Biostatistics and Epidemiology, School of Public Health, Hamadan University of Medical Sciences, Iran; Department of Occupational Health Engineering, School of Health, Hamadan University of Medical Sciences, Iran	Human Antibodies, Vol 25 (1-2), 2017, pp. 31-37
Effects of Simulated Mobile Phone Electromagnetic Radiation on Fertilization and Embryo Development	2017	Chen H, Qu Z, Liu W	Zhongnan Hospital of Wuhan University, China; The First Affiliated Hospital of Kunming Medical University, China	Fetal and Pediatric Pathology, Vol 36 (2), 2017, pp. 123129
Personal radiofrequency electromagnetic field exposure measurements in Swiss adolescents	2016-12 published online	Roser K, Schoeni A, Struchen B, Zahner M, Eeftens M, Fröhlich J, Rössli M	Swiss Tropical and Public Health Institute, Switzerland; Institute for Electromagnetic Fields, Eidgenössische Technische Hochschule Zürich, Switzerland; Swiss Tropical and Public Health Institute, University of Basel, Switzerland	Environmental International, Vol 99, published online Dec 2016, pp. 303-314
Letter to the editor_Biochemical and histological studies on adverse effects of mobile phone radiation on rat's brain	2016-12	Mortazavi SM, Mortazavi SA, Paknahad M	Medical Physics Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Student Research Committee, Shiraz University of Medical Sciences, Shiraz, Iran; Oral and Maxillofacial Radiology, School of Dentistry, Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Chemical Neuroanatomy, Vol 78, Dec 2016, pp. 34-35

<p>The effects of radiofrequency electromagnetic radiation on sperm function</p>	<p>2016-12</p>	<p>Houston BJ, Nixon B, King BV, De luliis GN, Aitken RJ</p>	<p>Priority Research Centre for Reproductive Science School of Environmental and Life Sciences, Australia; School of Mathematical and Physical Sciences University of Newcastle, Australia</p>	<p>Reproduction, Vol152(6), Dec 2016, R263-R276</p>
<p>Adverse effects in lumbar spinal cord morphology and tissue biochemistry in Sprague Dawley male rats following exposure to a continuous 1-h a day 900-MHz electromagnetic field throughout adolescence</p>	<p>2016-12</p>	<p>Kerimoglu G, Aslan A, Bas O, Colakoglu S, Odaci E</p>	<p>Department of Histology and Embryology, Faculty of Medicine, Karadeniz Technical University, Turkey; Department of Physiology, Faculty of Medicine, Ordu University, Turkey; Department of Anatomy, Faculty of Medicine, Ordu University, Turkey</p>	<p>Journal of Chemical Neuroanatomy, Vol 78, Dec 2016, pp. 125-130</p>
<p>Glial markers and emotional memory in rats following acute cerebral radiofrequency exposures</p>	<p>2016-12</p>	<p>Barthelemy A, Mouchard A, Bouji M, Blazy K, Puigsegur R, Villegier AS</p>	<p>Institut national de l'environnement industriel et des risques (INERIS), Unite de Toxicologie Experimentale, France; Institut des Neurosciences Cellulaires et Integratives, France; Institut des Maladies Neurodegeneratives, Universite de Bordeaux, France; Campus des sciences et technologies, Universite Saint-Joseph, Lebanon; Institut national de l'environnement industriel et des risques (INERIS), Unite de Toxicologie Experimentale, France</p>	<p>Environmental Science and Pollution Research, Vol 23 (24), Dec 2016, pp. 25343-25355</p>
<p>Elektrosmog: Quellen-Wirkung-Vorsorge</p>	<p>2016-12</p>	<p>Ministerium für Umwelt, Landwirtschaft, Natur- und Verbraucherschutz des Landes Nordrhein-Westfalen</p>		<p>Informationsbroschüre Ministerium für Umwelt, Landwirtschaft, Natur- und Verbraucherschutz des Landes Nordrhein-Westfalen, Dec 2016</p>
<p>Inferring the 1985-2014 impact of mobile phone use on selected brain cancer subtypes using Bayesian structural time series and synthetic controls</p>	<p>2016-12 published online</p>	<p>de Vocht F</p>	<p>School of Social and Community Medicine, University of Bristol, UK</p>	<p>Environment International, Vol 97, published online Dec 2016, pp. 100-107</p>

Does cell phone use increase the chances of parotid gland tumor development? A systematic review and meta-analysis	2016-12 published online	de Siqueira EC, de Souza FT, Gomez RS, Gomes CC, de Souza RP	Department of Pathology, Biological Sciences Institute, Universidade Federal de Minas Gerais, Brazil; Department of Oral Surgery and Pathology, School of Dentistry, Universidade Federal de Minas Gerais-UFMG, Brazil; Grupo de Pesquisa em Bioestatística e Epidemiologia Molecular, Department of General Biology, Biological Sciences Institute, Universidade Federal de Minas Gerais- UFGM, Brazil	Journal of Oral Pathology & Medicine, published online Dec 2016
Absorption rate analysis of cellular phone radiation on the human head	2016-12	Imran A, Islam MR, Hassan MN, Shibli NH, Ahmad S, Ali MT	Department of Electrical and Electronics Engineering, American International University-Bangladesh, Bangladesh	5th International Conference on Informatics, Electronics and Vision (ICIEV), Dec 2016
Monitoring and assessment of electromagnetic pollution in Samsun (Turkey)	2016-12	Kurnaz C, Engiz BK	Department of Electrical and Electronics Engineering, Ondokuz Mayıs University, Turkey	39th International Conference on Telecommunications and Signal Processing (TSP), Dec 2016, pp. 219-222
Assessment of General Public Exposure to LTE signals compared to other Cellular Networks Present in Thessaloniki, Greece	2016-12	Gkonis F, Boursianis A, Samaras T	Radiocommunications Laboratory, Department of Physics, Aristotle University of Thessaloniki, Greece; Department of Physics, University of Malta, Malta	Radiation Protection Dosimetry, Dec 2016, pp. 1-6
Major influences in households and business spaces - Wi-Fi, telecommunication masts outputs and electrical pollution	2016-12	Markho F, Tuleasca I	School of Science, Technology and Engineering Open Polytechnic of New Zealand, New Zealand	International Conference and Exposition on Electrical and Power Engineering (EPE 2016), Dec 2016, pp. 815-822
TLM numerical thermal dosimetry in realistic environment	2016-12	Makhlouf O, Cueille M, Dubard JL	University Nice Sophia-Antipolis, France	IEEE Radio and Antenna Days of the Indian Ocean (RADIO), Dec 2016
Effect of Low Level Subchronic Microwave Radiation on Rat Brain	2016-12	Deshmukh PS, Megha K, Nasare N, Banerjee BD, Ahmed RS, Abegaonkar MP, Tripathi AK, Mediratta PK	Environmental Biochemistry and Molecular Biology Laboratory, Department of Biochemistry, University College of Medical Sciences & G.T.B. Hospital (University of Delhi), India; Centre for Applied Research in Electronics (CARE), Indian Institute of Technology, India; Department of Pharmacology, University College of Medical Sciences & G.T.B. Hospital (University of Delhi), India	Biomedical and Environmental Sciences, Vol 29 (12), Dec 2016, pp. 858-867
Evaluation of the real-life exposure due to mobile phones in an indoor environment	2016-12	Monebhurrun V, Rojatkara A	EXPOSE/PIEM/GEEPS CentraleSupélec, France	IEEE Radio and Antenna Days of the Indian Ocean (RADIO), Dec 2016
EM exposure study on an inhomogeneous human model considering different hand positions	2016-12	Jeladze V, Tsverava M, Nozadze T, Tabatadze V, Prishvin M, Zaridze R	Laboratory of Applied Electrodynamics and Radio-engineering, Iv. Javakishvili Tbilisi State University, Georgia	2016 XX1st International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory (DIPED), Dec 2016, pp. 9-12

Study on the influence of wireless communication technology on infusion pumps	2016-12	Luca C, Andri'oi D, Corciova C, Ciorap R	Faculty of Medical Bioengineering, University of Medicine and Pharmacy "Grigore T. Popa", Romania	IEEE International Conference and Exposition on Electrical and Power Engineering (EPE), Dec 2016, pp. 403-407
An overview of RF-EMF monitoring systems and associated monitoring data	2016-12	Lunca E, Salceanu A	Department of Electrical Measurements and Materials, Faculty of Electrical Engineering, Technical University of Iasi, Romania	IEEE International Conference and Exposition on Electrical and Power Engineering (EPE), Dec 2016, pp. 418-421
RF exposure survey of children and adults: First results from Slovenia	2016-12	Gajsek P, Struchen B, Valic B	Institute of Nonionizing Radiation (INIS), Romania; Swiss Tropical and Public Health Institute, Switzerland	IEEE Radio and Antenna Days of the Indian Ocean (RADIO), Dec 2016
Siebter Bericht der Bundesregierung über die Forschungsergebnisse in Bezug auf die Emissionsminderungsmöglichkeiten der gesamten Mobilfunktechnologie und in Bezug auf gesundheitliche Auswirkungen	2016-12	Deutscher Bundestag	Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit	Verhandlungen des Deutschen Bundestages / Drucksachen 2016; 18:10600, published Dec 2016
The Effects of Exposure to Low Frequency Electromagnetic Fields in the Treatment of Migraine Headache: A Cohort Study	2016-12	Mohammadianinejad SE, Babaei M, Nazari P	Department of Neurology, Ahvaz Jundishapur University of Medical Sciences, Iran	Electronic Physician, Vol 8 (12), Dec 2016, pp. 34453449
Meta-analysis of association between mobile phone use and glioma risk	2016-12	Wang Y, Guo X	Department of Neurology, Huaihe Hospital, Henan University, China	Journal of Cancer Research and Therapeutics, Vol 12 (8), Dec 2016, pp. 298-300
A follow-up study of the association between mobile phone use and symptoms of ill health	2016-12 published online	Cho YM, Lim HJ, Jang H, Kim K, Choi JW, Shin C, Lee SK, Kwon JH, Kim N	Institute for Life and Environment Technology, Smartive Corporation, Korea; Institute for Occupational and Environmental Health, Korea University, Korea; Institute of Human Genome Study, Korea University Ansan Hospital, Korea; EM Environment Research Team, Electronics and Telecommunications Research Institute, Korea; Division of Information and Communication Engineering, Chungbuk National University, Korea	Environmental Health and Toxicology, Vol 32, published online Dec 2016, pp. 1-8
Variographic analysis of public exposure to electromagnetic radiation due to cellular base stations	2016-12	Lemaire T, Wiart J, De Doncker P	OPERA Department, Universite Libre de Bruxelles, Belgium; Telecom ParisTech, France	Bioelectromagnetics, Vol 37 (8), Dec 2016, pp. 557-562
Long-term electromagnetic field measurement and assessment for a shopping mall	2016-11 published online	Engiz BK, Kurnaz C	Ondokuz Mayıs University, Department of Electrical and Electronics Engineering, Turkey	Radiation Protection Dosimetry, published online Nov 2016, pp. 1-9
Promoting fluoroscopic personal radiation protection equipment: unfamiliarity, facts and fears	2016-11 published online	Balter S	Columbia University Medical Center, USA	Radiation Protection Dosimetry, Vol 173 (1-3), published online Nov 2016, pp. 180-184

<p>The Intracranial Distribution of Gliomas in Relation to Exposure From Mobile Phones: Analyses From the INTERPHONE Study</p>	<p>2016-11</p>	<p>Grell K, Frederiksen K, Schüz J, Cardis E, Armstrong B, Siemiatycki J, Krewski DR, McBride ML, Johansen C, Auvinen A, Hours M, Blettner M, Sadetzki S, Lagorio S, Yamaguchi N, Woodward A, Tynes T, Feychting M, Fleming SJ, Swerdlow AJ, Andersen PK</p>	<p>Department of Public Health, Faculty of Health and Medical Sciences, University of Copenhagen, Denmark</p>	<p>American Journal of Epidemiology, Vol184 (11), Nov 2016, pp. 818-828</p>
<p>Pernicious effects of long-term, continuous 900-MHz electromagnetic field throughout adolescence on hippocampus morphology, biochemistry and pyramidal neuron numbers in 60- day-old Sprague Dawley male rats</p>	<p>2016-11</p>	<p>Kerimoglu G, Hanci H, Bas O, Aslan A, Erol HS, Turgut A, Kaya H, Cankaya S, Sönmez OF, Odaci E</p>	<p>Department of Histology and Embryology, Faculty of Medicine, Karadeniz Technical University, Turkey; Department of Anatomy, Faculty of Medicine, Ordu University, Turkey; Department of Physiology, Faculty of Medicine, Ordu University, Turkey; Department of Biochemistry, Faculty of Veterinary, Atatürk University, Turkey; Department of Electrical and Electronic Engineering, Faculty of Engineering, Karadeniz Technical University, Turkey; Department of Biostatistics and Medical Informatics, Faculty of Medicine, Ordu University, Turkey; Department of Neurosurgery, Tepecik Education and Research Hospital, Turkey; Department of Histology and Embryology, Faculty of Medicine, Karadeniz Technical University, Turkey</p>	<p>Journal of Chemical Neuroanatomy, Vol 77, Nov 2016, pp. 169-175</p>

<p>Assessment of personal exposure from radiofrequency-electromagnetic fields in Australia and Belgium using on-body calibrated exposimeters</p>	<p>2016-11</p>	<p>Bhatt CR, Thielens A, Billah B, Redmayne M, Abramson MJ, Sim MR, Vermeulen R, Martens L, Joseph W, Benke G</p>	<p>Centre for Population Health Research on Electromagnetic Energy (PRESEE), School of Public Health and Preventive Medicine, Monash University, Australia; Department of Information Technology, Ghent University/iMinds, Belgium; Department of Epidemiology and Preventive Medicine, School of Public Health and Preventive Medicine, Monash University, Australia; Institute for Risk Assessment Sciences (IRAS), Division Environmental Epidemiology, Utrecht University, Netherlands</p>	<p>Environmental Research, Vol 151, Nov 2016, pp. 547563</p>
<p>Mobile phone use, behavioural problems and concentration capacity in adolescents: A prospective study</p>	<p>2016-11</p>	<p>Roser K, Schoeni A, Rösli M</p>	<p>Swiss Tropical and Public Health Institute, University of Basel, Switzerland</p>	<p>International Journal of Hygiene and Environmental Health, Vol 219 (8), Nov 2016, pp. 759-769</p>
<p>Mapping of radio frequency electromagnetic field exposure levels in outdoor environment and comparing with reference levels for general public health</p>	<p>2016-11</p>	<p>Cansiz M, Abbasov T, Kurt MB, Celik AR</p>	<p>Department of Electrical and Electronics Engineering, Dicle University, Turkey; Department of Electrical and Electronics Engineering, inönü University, Turkey</p>	<p>Journal of Exposure Science and Environmental Epidemiology, Nov 2016</p>
<p>Mobile phone signal exposure triggers a hormesis-like effect in Atm^{+/+} and Atm^{-/-} mouse embryonic fibroblasts</p>	<p>2016-11</p>	<p>Sun C, Wei X, Fei Y, Su L, Zhao X, Chen G, Xu Z</p>	<p>Bioelectromagnetics Laboratory, Zhejiang University School of Medicine, China; Collaborative Innovation Center for Diagnosis and Treatment of Infectious Diseases, Zhejiang University, China; Institute of Environmental Health, Zhejiang University School of Public Health, China</p>	<p>Scientific Reports, 6:34723, Nov 2016</p>

<p>Multiple assessment methods of prenatal exposure to radio frequency radiation from telecommunication in the Mothers and Children's Environmental Health (MOCEH) study</p>	<p>2016-11</p>	<p>Choi KH, Ha M, Burm E, Ha EH, Park H, Kim Y, Lee AK, Kwon JH, Choi HD, Kim N</p>	<p>Hallym University, Chunchun, Korea (Hallym Research Institute of Clinical Epidemiology); Dankook University, Cheonan, Korea (College of Medicine, Department of Preventive Medicine); Moonkyung College, Moonkyung, Korea (Department of Nursing); Ewha Womans University, Seoul, Korea (College of Medicine, Department of Preventive Medicine); Electronics and Telecommunications Research Institute, Korea; Chungbuk National University, Cheongju, Korea (College of Electrical and Computer Engineering, School of Information and Communication Engineering)</p>	<p>International Journal of Occupational Medicine and Environmental Health, Vol 29(6), Nov 2016, pp. 959-972</p>
<p>GSM-like radiofrequency exposure induces apoptosis via caspase-dependent pathway in infant rabbits</p>	<p>2016-11</p>	<p>Meral O, Ozgur E, Kismali G, Guler G, Alpay M, Sel T, Seyhan N</p>	<p>Department of Biochemistry, Faculty of Veterinary Medicine, Ankara University, Turkey</p>	<p>Bratislava Medical Journal Vol 117 (11), Nov 2016, pp. 672-676</p>
<p>Environmental Exposure and Risk of Childhood Leukemia: An Overview</p>	<p>2016-11</p>	<p>Schüz J, Erdmann F</p>	<p>International Agency for Research on Cancer, Section of Environment and Radiation, France; Danish Cancer Society Research Center, Unit of Survivorship, Denmark</p>	<p>Archives of Medical Research, Vol 47 (8), Nov 2016, pp. 607-614</p>
<p>Age-dependent acute interference with stem and progenitor cell proliferation in the hippocampus after exposure to 1800 MHz electromagnetic radiation</p>	<p>2016-10 published online</p>	<p>Xu F, Bai Q, Zhou K, Ma L, Duan J, Zhuang F, Xie C, Li W, Zou P, Zhu C</p>	<p>Department of Neonatology, The Third Affiliated Hospital of Zhengzhou University, China; Henan Key Laboratory of Child Brain Injury, Zhengzhou University, China; Department of Pediatrics, Zhengzhou Children's Hospital, China; Center for Brain Repair and Rehabilitation, Institute of Neuroscience and Physiology, University of Gothenburg, Sweden; Department of Radio Physics, College of Information Engineering, Zhengzhou University, China; Department of Pediatrics, Xuchang Central Hospital, China</p>	<p>Electromagnetic Biology and Medicine, published online Oct 2016</p>

<p>A cross-sectional study of the association between mobile phone use and symptoms of ill health</p>	<p>2016-10 published online</p>	<p>Cho YM, Lim HJ, Jang H, Kim K, Choi JW, Shin C, Lee SK, Kwon JH, Kim N</p>	<p>Institute for Life and Environment Technology, Smartive Corporation, Korea; Institute for Occupational and Environmental Health, Korea University, Korea; Institute of Human Genome Study, Korea University Ansan Hospital, Korea; Division of Information and Communication Engineering, Chungbuk National University, Korea</p>	<p>Environmental Health and Toxicology, Vol 31, published online Oct 2016</p>
<p>Effects of exposure to 2100MHz GSM-like radiofrequency electromagnetic field on auditory system of rats</p>	<p>2016-10 published online</p>	<p>Celiker M, Ozgur A, Tumkaya L, Terzi S, Yilmaz M, Kalkan Y, Erdogan E</p>	<p>Recep Tayyip Erdogan University Research and Training Hospital, Department of Otorhinolaryngology, Turkey; Recep Tayyip Erdogan University, Medical Faculty, Department of Histology and Embryology, Turkey; Selguk University, Medical Faculty, Department of Histology and Embryology, Turkey</p>	<p>Brazilian Journal of Otorhinolaryngology, published online Oct 2016</p>
<p>Radiofrequency radiation (900 MHz)-induced DNA damage and cell cycle arrest in testicular germ cells in swiss albino mice</p>	<p>2016-10 published online</p>	<p>Pandey N, Giri S, Das S, Upadhaya P</p>	<p>Molecular Cytogenetic Laboratory, Department of Life Science and Bioinformatics, Assam University, India</p>	<p>Toxicology and Industrial Health, Vol 33 (4), published online Oct 2016, pp. 373-384</p>
<p>Use of portable exposimeters to monitor radiofrequency electromagnetic field exposure in the everyday environment</p>	<p>2016-10</p>	<p>Sagar S, Struchen B, Finta V, Eeftens M, Röösli M</p>	<p>Swiss Tropical and Public Health Institute, Department of Epidemiology and Public Health, Switzerland; Eötvös Lorand University, Faculty of Science, Center of Environmental Studies Budapest; Swiss Tropical and Public Health Institute, Department of Epidemiology and Public Health, Switzerland</p>	<p>Environmental Research, Vol 150, Oct 2016, pp. 289-298</p>

Outdoor and indoor sources of residential radiofrequency electromagnetic fields, personal cell phone and cordless phone use, and cognitive function in 5-6 years old children	2016-10	Guxens M, Vermeulen R, van Eijsden M, Beekhuizen J, Vrijkotte TG, van Strien RT, Kromhout H, Huss A	Institute for Risk Assessment Sciences, Division of Environmental Epidemiology, Utrecht University, Netherlands; Institute for Risk Assessment Sciences, Division of Environmental Epidemiology, Utrecht University, Netherlands; Department of Epidemiology and Health Promotion, Public Health Service of Amsterdam, Netherlands; Department of Public Health, Academic Medical Center, University of Amsterdam, Netherlands; Department of Environmental Health, Public Health Service of Amsterdam, Netherlands	Environmental Research 2016, Vol 150, Oct 2016, pp. 364-374
Acute Exposure to Terrestrial Trunked Radio (TETRA) has effects on the electroencephalogram and electrocardiogram, consistent with vagal nerve stimulation	2016-10	Burgess AP, Fouquet NC, Seri S, Hawken MB, Heard A, Neasham D, Little MP, Elliott P	Aston Brain Centre, School of Life & Health Sciences, Aston University, UK; Research Institute for Sport & ExMRC- PHE Centre for Environment and Health, School of Public Health, Imperial College London, UK; Radiation Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, USA	Environmental Research, Vol 150, Oct 2016, pp. 461-469
Letter to the editor: Has the incidence of brain cancer risen in Australia since the introduction of mobile phones 29 years ago?	2016-10	Morgan LL, Miller AB, Davis DL	Environmental Health Trust, USA; Dalla Lana School of Public Health, University of Toronto, Canada; Environmental Health Trust, USA	Cancer Epidemiology, Vol 44, Oct 2016, pp. 112-113
Letter to the editor: Mobile phone use and the brain cancer incidence rate in Australia	2016-10	Bandara P		Cancer Epidemiology, Vol 44, Oct 2016, pp. 110-111
Letter to the editor: Primary brain tumors and mobile cell phone usage	2016-10	Wojcik DP	Northland Environmental Health Clinic, New Zealand	Cancer Epidemiology, Vol 44, Oct 2016, pp. 123-124
A New High-Resolution Electromagnetic Human Head Model : A useful resource for a new specific-absorption-rate assessment model	2016-10	Yu W, Zhao L, Ye Q, Chen G, Wu KL	Jiangsu Normal University, China	IEEE Antennas and Propagation Magazine, Vol 58(5), Oct 2016, pp. 32-42
Dental Implants and Mobile Phone Use: How implant presence and position affect antenna parameters, specific absorption rate, and current density	2016-10	Safari M, Abdolali A	Iran university of science and technology, Iran	IEEE Antennas Propagation Magazine Vol 58(5), Oct 2016, pp. 43-51
Primary Salvage Survey of the Interference of Radiowaves Emitted by Smartphones on Medical Equipment	2016-10	Takao H, Yeh YC, Arita H, Obatake T, Sakano T, Kurihara M, Matsuki A, Ishibashi T, Murayama Y	Department of Innovation for Medical Information Technology, Jikei University School of Medicine, Japan	Health Physics, Vol 111(4), Oct 2016, pp. 381-392
Response from the authors to correspondence related to 'Has the incidence of brain cancer risen in Australia since the introduction of mobile phones 29 years ago?'	2016-10	Chapman S, Azizi L, Luo Q, Sitas F	School of Public Health, University of Sydney, Australia	Cancer Epidemiology, Vol 44, Oct 2016, pp. 138-140

Microwaves and Alzheimer's disease	2016-10	Zhang X, Huang WJ, Chen WW	Department of Neurology, Xuzhou Central Hospital, China	Experimental and Therapeutic Medicine, Vol 12 (4), Oct 2016, pp. 1969-1972
Environmental risk factors for dementia: a systematic review	2016-10	Killin LO, Starr JM, Shiue J, Russ TC	Alzheimer Scotland Dementia Research Centre & Centre for Cognitive Ageing & Cognitive Epidemiology & Division of Psychiatry, Centre for Clinical Brain Sciences, University of Edinburgh, University of Edinburgh, UK; Scottish Dementia Clinical Research Network, UK; Faculty of Health and Life Sciences, Northumbria University, UK	BMC Geriatrics Vol 16 (175), Oct 2016
Improving Precautionary Communication in the EMF Field? Effects of Making Messages Consistent and Explaining the Effectiveness of Precautions	2016-10	Boehmert C, Wiedemann P, Croft R	Department of Science Communication, Karlsruhe Institute of Technology, Germany; Australian Centre for Electromagnetic Bioeffects Research, University of Wollongong, Australia; School of Psychology, University of Wollongong; Australia; Australian Centre for Electromagnetic Bioeffects Research, University of Wollongong, Australia; Illawarra Health and Medical Research Institute, University of Wollongong, Australia	International Journal of Environmental Research and Public Health, Vol 13 (10), Oct 2016
Radiofrequency Exposure Amongst Employees of Mobile Network Operators and Broadcasters	2016-10	Litchfield I, van Tongeren M, Sorahan T	Institute of Applied Health Research, College of Medical and Dental Sciences, University of Birmingham, UK; Institute of Occupational Medicine, Research Avenue North, UK; Institute of Applied Health Research, College of Medical and Dental Sciences, University of Birmingham, UK	Radiation Protection Dosimetry, Oct 2016, pp. 1-8
Radiofrequency-electromagnetic field exposures in kindergarten children	2016-10	Bhatt CR, Redmayne M, Billah B, Abramson MJ, Benke G	Centre for Population Health Research on Electromagnetic Energy (PRESEE), School of Public Health and Preventive Medicine, Monash University, Australia; Department of Epidemiology and Preventive Medicine, School of Public Health and Preventive Medicine, Monash University, Australia	Journal of Exposure Science and Environmental Epidemiology, Oct 2016

Analyzing Exposures to Electromagnetic Fields in an Intensive Care Unit	2016-10	Gökmen N, Erdem S, Toker KA, Öcmen E, Gökmen BI, Özkurt A	Department of Anaesthesiology and Reanimation, Dokuz Eylül University School of Medicine, Turkey; Dokuz Eylül University School of Business, Turkey; Department of Software Engineering, izmir University School of Engineering, Turkey; Dokuz Eylül University Graduate School of Natural and Applied Sciences Biomedical Engineering Master Science Student, Turkey; Department of Electrical and Electronic Engineering, Dokuz Eylül University, Turkey	Turkish Journal of the Anaesthesiology and Reanimation, Vol 44 (5), Oct 2016, pp. 236-240
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No adverse effects detected for simultaneous whole-body exposure to multiple-frequency radiofrequency electromagnetic fields for rats in the intrauterine and pre- and post-weaning periods	2016-09 published online	Shirai T, Wang J, Kawabe M, Wake K, Watanabe SI, Takahashi S, Fujiwara O	Nagoya City Rehabilitation Center, Yatomi-cho, Mizuho-ku, Japan; Graduate School of Medical Sciences, Nagoya City University, Japan; Graduate School of Engineering, Nagoya Institute of Technology, Japan; DIMS Institute of Medical Science; National Institute of Information and Communications Technology, Japan	Journal of Radiation Research, Vol 58 (1), published online Sep 2016, pp. 48-58
Lessons learnt on biases and uncertainties in personal exposure measurement surveys of radiofrequency electromagnetic fields with exposimeters	2016-09	Bolte JF	Centre for Sustainability, Environment and Health, National Institute for Public Health and the Environment, Netherlands	Environment international, Vol 94, Sep 2016, pp. 724735
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Bioelectromagnetics Research within an Australian Context: The Australian Centre for Electromagnetic Bioeffects Research (ACEBR)	2016-09	Loughran SP, Al Hossain MS, Bentvelzen A, Elwood M, Finnie J, Horvat J, Iskra S, Ivanova EP, Manavis J, Mudiyansele CK, Lajevardipour A, Martinac B, McIntosh R, McKenzie R, Mustapic M, Nakayama Y, Pirogova E, Rashid MH, Taylor NA, Todorova N, Wiedemann PM, Vink R, Wood A, Yarovsky I, Croft RJ	Australian Centre for Electromagnetic Bioeffects Research, Australia; School of Psychology and Illawarra Health & Medical Research Institute, University of Wollongong, Australia; School of Engineering, RMIT University, Australia; School of Population Health, University of Auckland, Australia; School of Health Sciences, Swinburne University of Technology, Australia; Victor Chang Cardiac Research Institute, Australia; School of Engineering, RMIT University, Australia; School of Psychology and Illawarra Health & Medical Research Institute, University of Wollongong, Australia	International Journal of Environmental Research and Public Health, Vol 13 (10), Sep 2016
Effects of electromagnetic fields emitted by GSM phones on working memory: a meta-analysis	2016-09 published online	Zubko O, Gould RL, Gay HC, Cox HJ, Coulson MC, Howard RJ	Department of Old Age Psychiatry, King's College London, UK; Department of Psychology, Middlesex University, UK; Division of Psychiatry, University College London, UK	International Journal of Geriatric Psychiatry, Vol 32 (2), published online Sep 2016, pp. 125-135
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Design of PIFA with metamaterials for body-SAR reduction in wearable applications	2016-08 published online	Il Kwak S, Sim DU, Kwon JH, Yoon YJ	Yonsei University, Korea	IEEE Transactions on Electromagnetic Compatibility, Vol 59 (1), published online Aug 2016, pp. 297-300
Dual-Band Dual-Mode Textile Antenna on PDMS Substrate for Body-Centric Communications	2016-08 published online	Simorangkir RBVB, Yang Y, Matekovits L, Esselle K	Department of Engineering, Macquarie University, Australia	IEEE Antennas and Wireless Propagation Letters, Vol 16, published online Aug 2016, pp. 677-680

Pulse modulated radiofrequency exposure influences cognitive performance	2016-08	Verrender A, Loughran SP, Dalecki A, McKenzie R, Croft RJ	Australian Centre for Electromagnetic Bioeffects Research, Australia; Centre for Health Initiatives, School of Psychology, Illawarra Health & Medical Research Institute, University of Wollongong, Australia; Population Health Research on Electromagnetic Energy, Wollongong, Australia; Australian Mobile Telecommunications Association, Melbourne, Australia	International Journal of Radiation Biology, Vol 92(10), Aug 2016, pp. 603-610
Exposure to RF EMF from Array Antennas in 5G Mobile Communication Equipment	2016-08	Thors B, Colombi D, Ying Z, Bolin T, Tornevik C	Ericsson Research, Sweden; Network Technology Laboratory, Sony Mobile Communications, Sweden	IEEE Access, Vol 4, Aug 2016, pp. 7469-7478
Effects on auditory function of chronic exposure to electromagnetic fields from mobile phones	2016-08	Bhagat S, Varshney S, Bist SS, Goel D, Mishra S, Jha VK	Department of ENT, Government Medical	CEar, Nose & Throat Journal, Vol 95, Aug 2016, pp. 18-22
Effects of Long Term Exposure of 900-1800 MHz Radiation Emitted from 2G Mobile Phone on Mice Hippocampus- A Histomorphometric Study	2016-08	Mugunthan N, Shanmugasamy K, Anbalagan J, Rajanarayanan S, Meenachi S	Department of Anatomy, Mahatma Gandhi Medical College and Research Institute, India; Department of Pathology, Mahatma Gandhi Medical College and Research Institute, India; Department of Biotechnology, St. Michael College of Engineering and Technology, India	Journal of Clinical&Diagnostic Research, Vol 10(8), Aug 2016, pp. 1-6
Effects of long-term exposure to 900 megahertz electromagnetic field on heart morphology and biochemistry of male adolescent rats	2016-08	Kerimoglu G, Mercantepe T, Erol HS, Turgut A, Kaya H, Colakoglu S, Odaci E	Department of Histology and Embryology, Faculty of Medicine, Karadeniz Technical University, Turkey; Department of Biochemistry, Faculty of Veterinary, Atatürk University, Turkey; Department of Electrical and Electronic Engineering, Faculty of Engineering, Karadeniz Technical University, Turkey; Department of Anatomy, Faculty of Medicine, Düzce University, Turkey	Biotechnic & Histochemistry, Vol 91 (7), Aug 2016, pp. 445-454
Response to "Children Absorb Higher Doses of Radio Frequency Electromagnetic Radiation From Mobile Phones Than Adults" and "Yes the Children Are More Exposed to Radiofrequency Energy From Mobile Telephones Than Adults"	2016-08	Foster KR, Chou CK	Department of Bioengineering, University of Pennsylvania, USA	IEEE Access, Vol 4, Aug 2016, pp. 5322-5326
SAR reduction using a single SRR superstrate for a dual-band antenna	2016-07 published online	Rosaline I, Singaravelu R	Department of Electronics and Communication Engineering, National Institute of Technology, India	Electromagnetic Biology and Medicine, Vol 36 (1), published online Jul 2016, pp. 39-44

The antioxidant effect of Green Tea Mega EGCG against electromagnetic radiation-induced oxidative stress in the hippocampus and striatum of rats	2016-07 published online	Ahmed NA, Radwan NM, Aboul Ezz HS, Salama NA	Zoology Department, Faculty of Science, Cairo University, Egypt	Electromagnetic Biology and Medicine, Vol 36 (1), published online Jul 2016, pp. 63-73
Measurement and mapping of the GSM-based electromagnetic pollution in the Black Sea region of Turkey	2016-07 published online	Tuysuz B, Mahmutoglu Y	Department of Electrical & Electronics Engineering, Department of Energy Systems Engineering, Recep Tayyip Erdogan University, Turkey	Electromagnetic Biology and Medicine, Vol 36 (2), published Jul 2016, pp. 132-140
Survival assessment of mouse preimplantation embryos after exposure to cell phone radiation	2016-07	Safian F, Khalili MA, Khoradmehr A, Anbari F, Soltani S, Halvaei I	Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Iran	Journal of Reproduction & Infertility, Vol 17(3), Jul 2016, pp. 138-143
Comparison of average global exposure of population induced by a macro 3G network in different geographical areas in France and Serbia	2016-07	Huang Y, Varsier N, Niksic S, Kocan E, Pejanovic-Djurisic M, Popovic M, Koprivica M, Neskovic A, Milinkovic J, Gati A, Person C, Wiart J	Orange Labs, Chatillon, France; Institut Mines-Telecom Telecom Bretagne, Brest, France; Institut Mines-Telecom Telecom ParisTech, LTCI, Chaire C2m, Paris, France; Orange Labs, Meylan, FranceTelekom Srbija, Belgrade, SerbiaUniversity of Montenegro, Podgorica, MontenegroSchool of Electrical Engineering, University of Belgrade, Belgrade, Serbia	Bioelectromagnetics Vol 37(6), Jul 2016, pp. 382-390
Increasing incidence of thyroid cancer in the Nordic countries with main focus on Swedish data	2016-07 published online	Carlberg M, Hedendahl L, Ahonen M, Koppel T, Hardell L	Department of Oncology, Faculty of Medicine and Health, Örebro University, Sweden; Independent Environment and Health Research Lulea; Sweden; Institute of Environmental Health and Safety, Estonia; Department of Labour Environment and Safety, Tallinn University of Technology, Estonia; Department of Oncology, Faculty of Medicine and Health, Örebro University, Sweden	BMC Cancer, Vol 16:426, published online Jul 2016
Symptoms in Swiss adolescents in relation to exposure from fixed site transmitters: a prospective cohort study	2016-07 published online	Schoeni A, Roser K, Bürgi A, Rössli M	Swiss Tropical and Public Health Institute, Switzerland; University of Basel, Switzerland	Environmental Health, Vol 15, published online Jul 2016
Trigeminal neurons detect cellphone radiation: Thermal or nonthermal is not the question	2016-07	Marino AA, Kim PY, Frilot li C	Department of Neurology, Louisiana State University Health Sciences Center, USA; School of Allied Health Professions, Louisiana State University Health Sciences Center, USA	Electromagnetic Biology and Medicine, Vol 36 (2), Jul 2016, pp. 123-131

<p>Letter to the Editor_Histological and histochemical study of the protective role of rosemary extract against harmful effect of cell phone electromagnetic radiation on the parotid glands</p>	<p>2016-07</p>	<p>Mortazavi SM, Mortazavi G, Paknahad M</p>	<p>Medical Physics Department, School of Medicine, Shiraz University of Medical Sciences, Iran; Oral and Maxillofacial Radiology Department, School of Dentistry, Shiraz University of Medical Sciences, Shiraz, Iran</p>	<p>Acta Histochemica, Vol 118 (6), Jul 2016, pp. 657-658</p>
<p>Radiofrequency radiation at Stockholm Central Railway Station in Sweden and some medical aspects on public exposure to RF fields</p>	<p>2016-07</p>	<p>Hardell L, Koppel T, Carlberg M, Ahonen M, Hedendahl L</p>	<p>Department of Oncology, Faculty of Medicine and Health, Örebro University, Sweden; Department of Labour Environment and Safety, Tallinn University of Technology, SCO351 Ehitajate tee 5, Estonia; Institute of Environmental Health and Safety, Estonia; Independent Environment and Health Research Lulea, Sweden</p>	<p>International Journal of Oncology, Vol 49, Jul 2016, pp. 1315-1324</p>
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