

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
Universitätsklinik für Neurologie, Medizinische Universität Wien

DI Dr. Georg NEUBAUER

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
Erkrankungen, Leiter der Schlafambulanz

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.-Prof. Dr. Stephan MADERSBACHER, FEBU

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

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

KONSENSUSBESCHLUSS

WBF-EXPERTENFORUM 2016

Präambel

Die Aussagen, die der WBF über mögliche Gesundheitseffekte – als Folge der Exposition gegenüber hochfrequenten elektromagnetischen Feldern (vor allem Mobilfunk) – macht, basieren auf den Ergebnissen von 151 wissenschaftlichen Arbeiten aus dem Zeitraum Februar 2015 bis inklusive Juni 2016.

Eine Schlüsselfunktion kommt der Qualität des Studiendesigns (wie etwa Exposition, Aufbau der Untersuchung, statistische Datenanalyse) zu.

Die wissenschaftliche Qualität der einzelnen Studien ist weiterhin sehr unterschiedlich, was bei der Gesamtbeurteilung berücksichtigt wurde.

Wie bisher muss festgestellt werden, dass selbst völlig unakzeptable Arbeiten den Weg in die wissenschaftliche Literatur gefunden haben.

Die divergierenden Ergebnisse in Tier- und Zellexperimenten lassen keine Schlüsse auf die Gesundheit des Menschen zu.

Mobilfunk und Befindlichkeit

Störungen der Befindlichkeit durch hochfrequente elektromagnetische Felder der Mobilfunkeinrichtungen sind nach heutigem Kenntnisstand nicht nachweisbar.

Sofern Studien qualitativ hochwertig waren, konnte kein Einfluss auf die Befindlichkeit objektiviert werden. Psychologische Effekte (wie z.B. der so genannte "Nocebo-Effekt") sind möglich. Die Art der Aufklärung beeinflusst die persönliche Risikowahrnehmung.

Personen mit behaupteter Überempfindlichkeit gegenüber HF-EMF scheinen eine Subgruppe von Personen mit behaupteter Überempfindlichkeit gegen Umwelteinflüsse zu sein.

Mobilfunk und Nervensystem

Kognitive Fähigkeiten

Nach dem derzeitigen Stand der Forschung sind negative Auswirkungen durch Mobilfunk auf kognitive Funktionen nicht anzunehmen.

Gehirnaktivität

Für einzelne physiologische Parameter im Wach- und Schlafzustand sowie in der Hirndurchblutung werden unterschiedliche Veränderungen ohne klinische Relevanz gefunden.

Mobilfunk und Gentoxizität

Bisher konnten gentoxische Wirkungen von Mobilfunkfeldern nicht eindeutig nachgewiesen werden.

Die Rolle von „oxidativem Stress“ ist nach wie vor nicht zweifellos geklärt.

Es gibt Hinweise darauf, dass „Adaptive Response“ auch von Mobilfunkfeldern induziert werden kann.

Mobilfunk und Kinder/Jugendliche

Es gibt keine neuen relevanten Studien, die belegbare Aussagen über die häufig angenommene erhöhte Empfindlichkeit von Kindern gegenüber EMF erlauben würden.

Sofern Verhaltensänderungen bei Kindern und Jugendlichen nach Gebrauch von Mobiltelefonen gefunden wurden, können diese nicht zwangsläufig auf elektromagnetische Strahlung zurückgeführt werden. Sie sind wahrscheinlich durch andere Faktoren, wie z.B. geändertes Sozialverhalten bedingt.

Mobiltelefone und männliche Fertilität

Die bisher vorliegenden Studien können konklusiv einen negativen Einfluss von Mobilfunk auf die Zeugungsfähigkeit von Männern nicht nachweisen.

Mobilfunk und HNO

Untersuchungen beim Menschen über funktionelle Beeinflussungen im HNO-Bereich zeigen keine Auswirkungen der EMF auf klinisch-funktioneller Ebene. Auf der Proteinebene und auf der ultrastrukturellen Ebene lassen sich Veränderungen darstellen. Insgesamt ist die Bedeutung für den Handygebrauch - auch wegen methodischer Mängel - derzeit nicht beurteilbar.

Mobilfunk und Tumorentwicklung

Aus epidemiologischer Sicht kann derzeit keine gesicherte und endgültige Aussage zur Mobilfunk-Technologie im Hinblick auf das Risiko für Krebserkrankungen getätigt werden.

Aufgrund der Unsicherheit (lange Latenzzeit, Problematik der geeigneten Expositionserfassung) bisher vorliegender Ergebnisse von Studien zum Zusammenhang von Mobilfunknutzung mit der Entstehung von Krebserkrankungen wird weiterhin ein sorgsamer Umgang mit der Mobiltelefonie empfohlen, bis eine hinreichend große Anzahl qualitativ hochwertiger Studien vorliegt und eine endgültige Einschätzung eines möglichen Risikos gegeben ist.

Dosimetrie

Die Unterschiede in der Qualität der Expositionserfassung in dosimetrischen Studien haben sich vergrößert.

Die Verkleinerung der Zellengröße (Femtozellen, Pikozenen) kann zu einer bedeutenden Reduktion der Exposition des Nutzers durch das Mobiltelefon führen.

Messungen an Basisstationen in mehreren Ländern zeigen, dass ihre Expositionen um Faktoren zwischen ca. tausend und zehn Millionen unterhalb der Grenzwerte von ICNIRP liegen.

Zu vielversprechenden Neuentwicklungen in der Dosimetrie gehören Textilantennen und neue qualitativ hochwertige Phantome von Kindern.

Allgemeine Aussagen

Die aktuelle Datenlage bestätigt die bisherigen Erkenntnisse des WBF:

- Eine unmittelbare Gefährdung der Gesundheit durch Mobilfunk ist nach wie vor nicht erwiesen.

Weiterhin gibt es offene Fragen:

- Mögliche gesundheitliche Langzeitfolgen für Erwachsene und Kinder
- Methodik der Expositionserfassung bei epidemiologischen und experimentellen Studien
- Umsetzung der Ergebnisse von Tierversuchen auf den Menschen
- Neue Überlegungen zum Mechanismus der Absorption im Gewebe

Empfehlungen des WBF:

- Optimierung und Standardisierung der Expositionserfassung
- Untersuchungen zu grundlegenden Mechanismen nur dann, wenn sich entscheidende neue Ansatzpunkte ergeben
- Durchgehende Beachtung der „Good Laboratory Practice“
- Umsichtiger Umgang bei Verwendung der Mobilfunktechnologien bis zur Klärung noch offener Fragen

Literaturliste WBF Expertenforum 2016

Recherche Zeitraum 07/15 - 07/16

Name der Studie	Datum der Veröffentlichung	Autor/Herausgeber	Beteiligte wissenschaftliche Institute	Quelle
Mobile phone use and the risk of parotid gland tumors: a retrospective case-control study	2016-01	Al-Qahtani K	Department of Otolaryngology-Head & Neck Surgery, College of Medicine, King Saud University, KSA	The Gulf Journal of Oncology, Issue 20, Jan 2016, pp. 71-78
Analysis of the Genotoxic Effects of Mobile Phone Radiation using Buccal Micronucleus Assay: A Comparative Evaluation	2016-03	Banerjee S, Singh NN, Sreedhar G, Mukherjee S	Department of Oral Pathology and Oral Microbiology, Dental College, Regional Institute of Medical Sciences, Lamphelpat, Imphal, Manipur, India; Department of Oral Pathology, Kothiwal Dental College and Research Center, Moradabad, Uttar Pradesh, India; Department of Oral and Maxillofacial Pathology and Microbiology, Babu Banarasi Das College of Dental Sciences, Lucknow, Uttar Pradesh, India; Department of Biochemistry, Manipur University, Imphal, Manipur, India	Journal of Clinical and Diagnostic Research, Vol. 10 (3), Mar 2016, pp. 82-85
Instruments to assess and measure personal and environmental radiofrequency-electromagnetic field exposures	2016-03	Bhatt CR, Redmayne M, Abramson MJ, Benke G	Centre for Population Health Research on Electromagnetic Energy (PRESEE), School of Public Health and Preventive Medicine, Monash University, Melbourne, Australia	Australasian Physical & Engineering Sciences in Medicine, Vol 39 (1), Mar 2016, pp. 29-42
Parallel beta-sheet vibration band increases with proteins dipole moment under exposure to 1765 MHz microwaves	2016-02	Calabro E, Magazu S	Department of Physics and Earth Sciences, University of Messina, Messina, Italy	Bioelectromagnetic s, Vol 37 (2), Feb 2016, pp. 99-107
Does exposure to environmental radiofrequency electromagnetic fields cause cognitive and behavioral effects in 10-year-old boys?	2016-01	Calvente I, Perez-Lobato R, Nunez MI, Ramos R, Guxens M, Villalba J, Olea N, Fernandez MF	Instituto de Investigacion Biosanitaria (ibs.GRANADA), Granada, Spain; Department of Radiology, University of Granada, Spain; CIBERde Epidemiologlay Salud Publica (CIBERESP), Granada, Madrid, Spain; Center for Research in Environmental Epidemiology (CREAL), Barcelona, Spain; Pompeu Fabra University, Barcelona, Spain	Bioelectromagnetic s, Vol 37 (1), Jan 2016, pp. 25-36
Has the incidence of brain cancer risen in Australia since the introduction of mobile phones 29 years ago?	2016-06	Chapman S, Azizi L, Luo Q, Sitas F	School of Public Health, University of Sydney, Australia; Cancer Council NSW, Sydney, Australia; School of Public Health and Community Medicine, University of New South Wales, Australia	Cancer Epidemiology, Vol 42, Jun 2016, pp. 199-205

Focal points for improving communications about electromagnetic fields and health: a mental models approach	2016-02	Claassen L, Bostrom A, Timmermans DRM	Department of Public and Occupational Health and the EMGO Institute for Health and Care Research, VU University Medical Center, Amsterdam, The Netherlands; Evans School of Public Affairs, University of Washington, Seattle, USA	Journal of Risk Research, Vol 19 (2), Feb 2016, pp. 246-269
Infants and young children modeling method for numerical dosimetry studies: application to plane wave exposure	2016-02	Dahdouh S, Varsier N, Nunez Ochoa MA, Wiart J, Peyman A, Bloch I	LTCI, CNRS, Télécom ParisTech, Université Paris Saclay, Paris, France; Whist Lab, Paris, France; Orange Labs, Issy les Moulineaux, France; Institut Mines-Telecom, Telecom Bretagne, Brest, France; Center for Radiation, Chemicals and Environmental Hazards, Public Health England, Chilton, Didcot, UK	Physics in Medicine and Biology, Vol 61 (4), Feb 2016, pp. 1500-1514
Does electromagnetic hypersensitivity originate from nocebo responses? Indications from a qualitative study	2016-01	Dieudonne M	Centre Max Weber and Université Lumière-Lyon 2, Lyon, France	Bioelectromagnetics, Vol 37 (1), Jan 2016, pp. 14-24
The effects of the duration of mobile phone use on heart rate variability parameters in healthy subjects	2016-04 published online	Ekici B, Tanindi A, Ekici G, Diker E	Department of Cardiology, Faculty of Medicine, Ufuk University, Ankara, Turkey; Department of Occupational Therapy, Hacettepe University, Faculty of Health Sciences, Ankara, Turkey; Department of Cardiology, Medicana International Ankara Hospital, Ankara, Turkey	The Anatolian Journal of Cardiology, published online Apr 2016
Association between overuse of mobile phones on quality of sleep and general health among occupational health and safety students	2016-03	Eyvazlou M, Zarei E, Rahimi A, Abazari M	Department of Occupational Health Engineering, Tehran University of Medical Sciences, Iran; Department of Occupational Health and Safety Engineering, Research Center for Health Sciences, Hamadan University of Medical Sciences, Iran; School of Allied-Health Sciences, Tehran University of Medical Sciences, Tehran, Iran; Department of Public Health, School of Public Health, Ardabil University of Medical Sciences, Ardabil, Iran	Chronobiology International: The Journal of Biological and Medical Rhythm Research, Vol 33 (2), Mar 2016, pp. 293-300
Characterisation of exposure to non-ionising electromagnetic fields in the Spanish INMA birth cohort: study protocol	2016-02 published online	Gallastegi M, Guxens M, Jimenez-Zabala A, Calvente I, Fernandez M, Birks L, Struchen B, Vrijheid M, Estarlich M, Fernandez MF, Torrent M, Ballester F, Aurrekoetxea JJ, Ibarluzea J, Guerra D, Gonzalez J, Rööslä M, Santa-Marina L	BIODONOSTIA Health Research Institute, Paseo Dr. Beguiristain, San Sebastian, Spain; University of the Basque Country (UPV/EHU), Faculty of Pharmacy, Vitoria-Gasteiz, Spain; ISGlobal, Centre for Research in Environmental Epidemiology (CREAL), Barcelona, Spain; Pompeu Fabra University, Barcelona, Spain; Spanish Consortium for Research on Epidemiology and Public Health (CIBERESP), Instituto de Salud Carlos III, Madrid, Spain; Department of Child and Adolescent Psychiatry/Psychology, Erasmus University Medical Centre-Sophia Children's Hospital, Rotterdam, The Netherlands; BIODONOSTIA Health Research Institute, Paseo Dr. Beguiristain, San Sebastian, Spain; and more	BMC Public Health, Vol 16 (167), published online Feb 2016
Effect of GSTM1 and GSTT1 Polymorphisms on Genetic Damage in Humans Populations Exposed to Radiation From Mobile Towers	2016-04	Gulati S, Yadav A, Kumar N, Kanupriya, Aggarwal NK, Kumar R, Gupta R	Department of Biochemistry, Kurukshetra University, Kurukshetra, Haryana, India; Department of Biotechnology, Kurukshetra University, Kurukshetra, Haryana, India; Department of Microbiology, Kurukshetra University, Kurukshetra, Haryana, India; Department of Forensic Medicine, PGIMER, Chandigarh, India	Archives of Environmental Contamination and Toxicology, Vol 70 (3), Apr 2016, pp. 615-625
Drone based measurement system for radiofrequency exposure assessment	2016-03 published online	Joseph W, Aerts S, Vandenbossche M, Thielens A, Martens L	Department of Information Technology, Ghent University/iMinds, Ghent, Belgium	Bioelectromagnetics, published online Mar 2016, pp. 195-199
Large scale study on the variation of RF energy absorption in the head & brain regions of adults and children and evaluation of the SAM phantom conservativeness	2016-04	Keshvari J, Kivento M, Christ A, Bit-Babik G	Department of applied Physics and COMP Center of Excellence, Aalto University, School of Science, Aalto, Finland; Department of Biomedical Engineering, Tampere University of Technology, Tampere, Finland	Physics in Medicine and Biology, Vol 61 (8), Apr 2016, pp. 2991-3008

The use of cell phone and insight into its potential human health impacts	2016-04	Kim KH, Kabir E, Jahan SA	Department of Civil and Environmental Engineering, Hanyang University, Seoul, Republic of Korea; Department of Farm, Power and Machinery, Bangladesh Agricultural University, Mymensingh, Bangladesh; BRAC Clinic, Rayerbazar, Dhada, Bangladesh	Environmental Monitoring and Assessment, Apr 2016, pp. 188-221
Statistical analysis of electromagnetic radiation measurements in the vicinity of indoor microcell GSM/UMTS base stations in Serbia	2016-01	Koprivica M, Petric M, Neskovic N, Neskovic A	Department of Telecommunications, Radiocommunications Laboratory, School of Electrical Engineering, University of Belgrade, Belgrade, Serbia	Bioelectromagnetics, Vol 37 (1), Jan 2016, pp. 69-76
Statistical analysis of electromagnetic radiation measurements in the vicinity of GSM/UMTS base station installed on buildings in Serbia	2016-03	Koprivica M, Slavkovic V, Neskovic N, Neskovic A	Radiocommunications Laboratory, Telecommunications Department, School of Electrical Engineering, University of Belgrade, Belgrade, Serbia	Radiation Protection Dosimetry, Vol 168 (4), Mar 2016, pp. 489-502
Etiology of Pituitary Tumors: A Case Control Study	2016	Leng L, Zhang Y	Beijing Neurosurgical Institute, Beijing, China; Capital Medical University, Beijing, China	Turkish Neurosurgery, Vol 26 (2), 2016, pp. 195-199
Effect of radiofrequency radiation in cultured mammalian cells: A review	2016-04 published online	Manna D, Ghosh R	Department of Biochemistry & Biophysics, University of Kalyani, Kalyani, India	Electromagnetic Biology and Medicine, published online Apr 2016
Residential exposure to RF-EMF from mobile phone base stations: Model predictions versus personal and home measurements	2016-04	Martens AL, Slotje P, Meima MY, Beekhuizen J, Timmermans D, Kromhout H, Smid T, Vermeulen RC	Institute for Risk Assessment Sciences (IRAS), Division Environmental Epidemiology, Utrecht University, Utrecht, The Netherlands; Department of Public and Occupational Health, EMGO + Institute for Health and Care Research, VU University Medical Center, Amsterdam, The Netherlands; Department of General Practice and Elderly Care, EMGO + Institute for Health and Care Research, VU University Medical Center, Amsterdam, The Netherlands; National Institute for Public Health and the Environment (RIVM), Bilthoven, The Netherlands; KLM Health Services, Schiphol, The Netherlands; Imperial College, Department of Epidemiology and Public Health, London, United Kingdom; ulius Center for Health Sciences and Primary Care, University Medical Center Utrecht (UMCU), Utrecht, The Netherlands	Science of The Total Environment, Vol 550, Apr 2016, pp. 987-993
Tinnitus and cell phones: the role of electromagnetic radiofrequency radiation	2016-02_01	Medeiros LN, Sanchez TG	Department of Otolaryngology, Faculdade de Medicina, Universidade de São Paulo (USP), São Paulo, Brazil; Association for Interdisciplinary Research and Divulgarion of Tinnitus, São Paulo, Brazil	Brazilian Journal of Otorhinolaryngology, Vol 82 (1), Jan-Feb 2016, pp. 97-104
Letter to the Editor: Tinnitus and cell phones: the role of electromagnetic radiofrequency radiation	2016-04_03	Mortazavi SM, Mortazavi SA	Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Student Research Committee, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	Brazilian Journal of Otorhinolaryngology, Vol 82 (2), Mar-Apr 2016, pp. 248-249

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Comments on Meo et al. Association of exposure to radio-frequency electromagnetic field radiation (RF-EMFR) generated by mobile phone base stations with glycated hemoglobin (HbA1c) and risk of type 2 diabetes mellitus	2016-02	Mortazavi SA, Mortazavi G, Mortazavi SM	Student Research Committee, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Tangestan Health Network, Bushehr University of Medical Sciences, Bushehr, Iran; Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics and Medical Engineering Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	International Journal of Environmental Research and Public Health, Vol 13 (3), Feb 2016
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Does chronic exposure to mobile phones affect cognition?	2016-03_01	Mohan M, Khaliq F, Panwar A, Vaney N	Department of Physiology, SSR Medical College, Mauritius; Department of Physiology, UCMS & GTB Hospital, Delhi, India	Functional Neurology, Vol 31 (1), Jan-Mar 2016, pp. 47-51
Increased release of mercury from dental amalgam fillings due to maternal exposure to electromagnetic fields as a possible mechanism for the high rates of autism in the offspring: introducing a hypothesis	2016-03	Mortazavi G, Haghani M, Rastegarian N, Zarei S, Mortazavi SM	Pahlavankoshi Health Center, Ahrum Health Network, Buser University of Medical Sciences, Bushehr, Iran; Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Student Research Committee, School of Rehabilitation, Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Biomedical & Physics Engineering, Vol 6 (1), Mar 2016, pp. 41-46
The Fundamental Reasons Why Laptop Computers should not be Used on Your Lap	2016 published online	Mortazavi SAR, Taeb S, Mortazavi SMJ, Zarei S, Haghani M, Habibzadeh P, Shojaei-fard MB	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; Medical Physics Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Speech Pathology Department, School of rehabilitation, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Physiology, Fasa University of Medical Sciences, Fasa, Iran	Journal of Biomedical & Physics Engineering, published online 2016
Analysis of circadian properties and healthy levels of blue light from smartphones at night	2015-06	Oh JH, Yoo H, Park HK, Do YR	Department of Chemistry, Kookmin University, Seoul, Republik of Korea	Scientific Reports, 5:11325, Jun 2015
Letter to the Editor: Is it Blue Light or Increased Electromagnetic Fields which Affects the Circadian Rhythm in People who Use Smartphones at Night	2016-03	Mortazavi SM, Mortazavi SA, Habibzadeh P, Mortazavi G	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, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Tangestan Health Network, Bushehr University of Medical Sciences, Bushehr, Iran	Iranian Journal of Public Health, Vol 45 (3), Mar 2016, pp. 405-406

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"Hot Nano Spots" as an Interpretation of So-Called Non-Thermal Biological Mobile Phone Effects	2016-03 published online	Pfützner H	Institute for Electrodynamics, Microwave & Circuit Engineering, Technische Universität Wien, Vienna, Austria	Journal of Electromagnetic Analysis and Applications, Vol 8 (3), published online Mar 2016, pp. 62-69
Descriptive epidemiology and risk factors of primary central nervous system tumors: Current knowledge	2016-01	Pouchieu C, Baldi I, Gruber A, Berteaud E, Carles C, Loiseau H	ISPED, Équipe Santé Travail Environnement, Université de Bordeaux, Bordeaux, France; Inserm, ISPED, Centre Inserm U1219, Bordeaux Population Health Center, Bordeaux, France; Service de médecine du travail, CHU de Bordeaux, Bordeaux, France; Service de neurochirurgie, CHU de Bordeaux, Bordeaux, France	Revue Neurologique, Vol 172 (1), Jan 2016, pp. 46-55
Sperm DNA damage - the effect of stress and everyday life factors	2016-04	Radwan M, Jurewicz J, Merecz-Kot D, Sobala W, Radwan P, Bochenek M, Hanke W	Department of Gynecology and Reproduction, 'Gameta' Hospital, Rzgów, Poland; Department of Environmental Epidemiology, Nofer Institute of Occupational Medicine, Lodz, Poland; Department of Health and Work Psychology, Nofer Institute of Occupational Medicine, Lodz, Poland; Department of Biotechnology of Animal Reproduction, National Research Institute of Animal Production, Kraków Balice, Poland	International Journal of Impotence Research, Apr 2016
Use of mobile and cordless phones and cognition in Australian primary school children: a prospective cohort study	2016-02	Redmayne M, Smith CL, Benke G, Croft RJ, Dalecki A, Dimitriadis C, Kaufman J, Macleod S, Sim MR, Wolfe R, Abramson MJ	Population Health Research on Electromagnetic Energy (PRESEE), School of Public Health and Preventive Medicine, Monash University, Melbourne, Australia; School of Psychology, University of Wollongong, Northfields Avenue, Wollongong, Australia; Swinburne University of Technology, John Street, Hawthorn, Australia	Environmental Health, Vol 15 (1), Feb 2016
The 2100 MHz radiofrequency radiation of a 3G-mobile phone and the DNA oxidative damage in brain	2016-01 published online	Sahin D, Ozgur E, Guler G, Tomruk A, Unlu I, Sepici-Dincel A, Seyhan N	Department of Medical Biochemistry, Başkent University Faculty of Medicine, Ankara, Turkey; Department of Biophysics, Gazi University Faculty of Medicine and Gazi Non-Ionizing Radiation Protection Center, Ankara, Turkey; Department of Otorhinolaryngology, Düzce University Faculty of Medicine, Düzce, Turkey; Department of Medical Biochemistry, Gazi University, Faculty of Medicine, Ankara, Turkey	Journal of Chemical Neuroanatomy, published online Jan 2016
Effect of long-term exposure to mobile phone radiation on alpha-Int1 gene sequence of Candida albicans	2016-05 published online	Shahin-Jafari A, Bayat M, Shahhosseiny MH, Tajik P, Roudbar-Mohammadi S	Department of Pathobiology, Faculty of Veterinary Specialized Sciences, Science and Research Branch, Islamic Azad University, Tehran, Iran; Department of Microbiology, Shahr-e-Qods Branch, Islamic Azad University, Tehran, Iran; Faculty of Medical Mycology, Tarbiat Modares University, Tehran, Iran	Saudi Journal of Biological Sciences, Vol 23 (3), published online May 2015, pp. 426-433

Short-term exposure to electromagnetic fields generated by mobile phone jammers decreases the fasting blood sugar in adult male rats	2016-03	Shekoohi Shooli F, Mortazavi SA, Jarideh S, Nematollahii S, Yousefi F, Haghani M, Mortazavi SM	Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Student Research Committee, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics Department, School of Medicine, Shiraz, Iran; Department of Physiology, Fasa University of Medical Sciences, Fasa, Iran	Journal of Biomedical & Physics Engineering, Vol 6 (1), Mar 2016, pp. 27-32
Effect of electromagnetic radiations from mobile phone base stations on general health and salivary function	2016-02_01	Singh K, Nagaraj A, Yousuf A, Ganta S, Pareek S, Vishnani P	Department of Public Health Dentistry, Jaipur Dental College, Jaipur, Rajasthan, India; Department of Public Health Dentistry, Government Dental College, Srinagar, Jammu and Kashmir, India	Journal of International Society of Preventive & Community Dentistry, Vol 6 (1), Jan-Feb 2016, pp. 54-59
Cell phone use is associated with an inflammatory cytokine profile of parotid gland saliva	2016-02 published online	Siqueira EC, de Souza FT, Ferreira E, Souza RP, Macedo SC, Friedman E, Gomez MV, Gomes CC, Gomez RS	Department of Oral Surgery and Pathology, School of Dentistry, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil; Department of Social and Preventive Dentistry, School of Dentistry, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil; Department of General Biology, Biological Sciences Institute, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil; The Susanne Levy Gertner Oncogenetics Unit, Sheba Medical Center Tel Hashomer and the Sackler School of Medicine, Tel-Aviv University, Tel-Aviv, Israel; School of Medicine, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil; Department of Pathology, Institute of Biological Sciences, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil	Journal of Oral Pathology & Medicine, published online Feb 2016
Mobile Phone Usage and its Health Effects Among Adults in a Semi-Urban Area of Southern India	2016-01	Stalin P, Abraham SB, Kanimozhy K, Prasad RV, Singh Z, Purty AJ	Department of Community Medicine, Pondicherry Institute of Medical Sciences, Puducherry, India	Journal of Clinical and Diagnostic Research, Vol. 10 (1), Jan 2016, pp. 14-16
Assessing electromagnetic radiation in our environment	2016-04_03	Teixeira TA, Hasan SF	University of Massachusetts Amherst, USA; School of Engineering and Advanced Technology, Massey University, New Zealand	IEEE Potentials, Vol 35 (2), Mar-Apr 2016, pp. 22-25
The role of electromagnetic fields in neurological disorders	2016-04 published online	Terzi M, Ozberk B, Deniz OG, Kaplan S	Department of Neurology, Faculty of Medicine, Ondokuz Mayıs University, Samsun, Turkey; Department of Histology and Embryology, Faculty of Medicine, Ondokuz Mayıs University, Samsun, Turkey	Journal of Chemical Neuroanatomy, published online Apr 2016

A Personal, Distributed Exosimeter: Procedure for Design, Calibration, Validation, and Application	2016-02	Thielens A, Vanveerdeghem P, Van Torre P, Gangler S, Rössli M, Rogier H, Martens L, Joseph W	Department of Information Technology, Ghent University/iMinds, Ghent, Belgium; Department of Epidemiology and Public Health, Swiss Tropical and Public Health Institute, Basel, Switzerland; University of Basel, Basel, Switzerland	Sensors, Vol 16 (2), Feb 2016
A source-based measurement database for occupational exposure assessment of electromagnetic fields in the INTEROCC study: a literature review approach	2016-03	Vila J, Bowman JD, Richardson L, Kincl L, Conover DL, McLean D, Mann S, Vecchia P, van Tongeren M, Cardis E	Center for Research in Environmental Epidemiology (CREAL), Barcelona, Spain; Universitat Pompeu Fabra (UPF), Barcelona, Spain; CIBER Epidemiología y Salud Pública (CIBERESP), Barcelona, Spain; National Institute for Occupational Safety and Health (NIOSH), Cincinnati, OH, USA; University of Montreal Hospital Research Centre (CRCHUM), Montreal, Canada; Oregon State University (OSU), Corvallis, OR, USA; Massey University, Wellington, New Zealand; Public Health England (PHE), Chilton, UK; National Institute of Health (ISS), Rome, Italy; Institute of Occupational Medicine (IOM), Edinburgh, UK	The Annals of Occupational Hygiene, Vol 60 (2), Mar 2016, pp. 184-204
Effects of electromagnetic fields exposure on plasma hormonal and inflammatory pathway biomarkers in male workers of a power plant	2016-01	Wang Z, Fei Y, Liu H, Zheng S, Ding Z, Jin W, Pan Y, Chen Z, Wang L, Chen G, Xu Z, Zhu Y, Yu Y	Department of Epidemiology and Health Statistics, School of Public Health, School of Medicine, Zhejiang University, Hangzhou, Zhejiang, China; Chronic Disease Research Institute, School of Public Health, School of Medicine, Zhejiang University, Hangzhou, Zhejiang, China; Bioelectromagnetics Laboratory, School of Medicine, Zhejiang University, Hangzhou, Zhejiang, China; Department of Neurosurgery, The Second Affiliated Hospital of Zhejiang University School of Medicine, Hangzhou, Zhejiang, China	International Archives of Occupational and Environmental Health, Vol 89 (1), Jan 2016, pp. 33-42
Effects of electromagnetic fields on serum lipids in workers of a power plant	2016-02	Wang Z, Wang L, Zheng S, Ding Z, Liu H, Jin W, Pan Y, Chen Z, Fei Y, Chen G, Xu Z, Yu Y	Department of Epidemiology and Health Statistics, School of Public Health, Faculty of Medicine, Zhejiang University, Hangzhou, Zhejiang, China; Chronic Disease Research Institute, School of Public Health, Faculty of Medicine, Zhejiang University, Hangzhou, Zhejiang, China; Bioelectromagnetics Laboratory, Faculty of Medicine, Zhejiang University, Hangzhou, Zhejiang, China	Environmental Science and Pollution Research, Vol 23 (3), Feb 2016, pp. 2495-2504
Controversies on electromagnetic field exposure and the nervous systems of children	2016-05	Warille AA, Onger ME, Turkmen AP, Deniz OG, Altun G, Yurt KK, Altunkaynak BZ, Kaplan S	Department of Anatomy, College of Medicine, University of Hail, Hail, Kingdom of Saudi Arabia; Department of Histology and Embryology, Medical School, Ondokuz Mayıs University, Samsun, Turkey	Histology and Histopathology, Vol 31 (5), May 2016, pp. 461-468

Long-Term Evolution electromagnetic fields exposure modulates the resting state EEG on alpha and beta bands	2016-04 published online	Yang L, Chen Q, Lv B, Wu T	Bioelectromagnetic Lab, China Academy of Telecommunication Research of Ministry of Industry and Information Technology, Beijing, China; Department of Radiology, Beijing Tongren Hospital, Capital Medical University, Beijing, China	Clinical EEG and Neuroscience, published online Apr 2016
Effects of cell phone use on semen parameters: results from the MARHCS cohort study in Chongqing, China	2016-05	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	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	Environment International, Vol. 91, May 2016, pp. 116-121
Effects of electromagnetic fields from mobile phones on depression and anxiety after titanium mesh cranioplasty among patients with traumatic brain injury	2016-01	Zhu Y, Jin W, Liu H, Peng D, Ding Z, Tang Z, Zhu L, Yu Y	Department of Neurosurgery, Second Affiliated Hospital of Zhejiang University School of Medicine, Hangzhou, Zhejiang, China; Department of Epidemiology & Health Statistics, Zhejiang University, Hangzhou, Zhejiang, China; Chronic Disease Research Institute, School of Public Health, School of Medicine, Zhejiang University, Hangzhou, Zhejiang, China	Brain Injury, Vol 30 (1), Jan 2016, pp. 66-73
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Electromagnetic fields from mobile phone base station - variability analysis	2015-09	Bienkowski P, Zubrzak B	Electromagnetic Environment Protection Laboratory, Wrocław University of Technology, Wrocław, Poland	Electromagnetic Biology and Medicine, Vol 34 (3), Sep 2015, pp. 257-261
Influence of electromagnetic field (1800 MHz) on lipid peroxidation in brain, blood, liver and kidney in rats	2015	Bodera P, Stankiewicz W, Antkowiak B, Paluch M, Kieliszek J, Sobiech J, Niemcewicz M	Military Institute of Hygiene and Epidemiology, Department of Microwave Safety, Warszawa, Poland; Military Institute of Hygiene and Epidemiology, Department of Pharmacology and Toxicology, Warszawa, Poland; Military Institute of Hygiene and Epidemiology, Biological Threat Identification and Countermeasure Center, Puławy, Poland	International Journal of Occupational Medicine and Environmental Health, Vol 28 (4), 2015, pp. 751-759
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Measurement of human exposure to LTE base stations: present status and future challenges in measurement methodology	2015-09	Bornkessel C, Hein M, Wuschek M	RF & Microwave Lab., Tech. Univ. Ilmenau, Ilmenau, Germany; Electrical Engineering & Media Technology, Technische Hochschule Deggendorf, Deggendorf, Germany	IEEE European Microwave Conference (EuMC) 2015, Sep 2015, pp. 881-884

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The link between radiofrequencies emitted from wireless technologies and oxidative stress	2015-09 published online	Dasdag S, Akdag MZ	Department of Biophysics, Medical School of Istanbul Medeniyet University, Istanbul, Turkey; Department of Biophysics, Medical School of Dicle University, Diyarbakir, Turkey	Journal of Chemical Neuroanatomy, published online Sep 2015
Effects of mobile phone exposure (GSM 900 and WCDMA/UMTS) on polysomnography based sleep quality: An intra- and inter-individual perspective	2016-02	Danker-Hopfe H, Dorn H, Bolz T, Peter A, Hansen ML, Eggert T, Sauter C	Competence Center of Sleep Medicine and Sleep Research, Department of Psychiatry and Psychotherapy, Charité – Universitaetsmedizin Berlin, Campus Benjamin Franklin, Berlin, Germany; Institute of Mobile and Satellite communication Technology GmbH, Kamp-Lintfort, Germany	Environmental Research, Vol 145, Feb 2016, pp. 50-60
A numerical analysis of temperature distribution in human eye when exposed to electromagnetic radiation	2015-07	Deepika B, Ramya V, Yamuna T, Kalpana R	Department of Biomedical Engineering, Rajalakshmi Engineering College, Chennai, India	2015 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT), Jul 2015, pp. 1-5
New Horizons in Enhancing the Proliferation and Differentiation of Neural Stem Cells Using Stimulatory Effects of the Short Time Exposure to Radiofrequency Radiation	2015-09	Eghlidospour M, Mortazavi SM, Yousefi F, Mortazavi SA	Medical Physics and Medical Engineering 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, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Biomedical & Physics Engineering, Vol 5 (3), Sep 2015, pp. 95-104
Dosimetric Simulations of Brain Absorption of Mobile Phone Radiation - The Relationship Between psSAR and Age	2015-11	Fernandez-Rodriguez CE, Almeida de Salles AA, Davis DL	Federal Institute of Education, Science and Technology of Rio Grande do Sul, Canoas, Brazil; Electrical Engineering Department, Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil; Environmental Health Trust, Teton Village, Wyoming, USA	IEEE Access, Vol 3, Nov 2015, pp. 2425-2430
Exposure Knowledge and Perception of Wireless Communication Technologies	2015-11	Freudenstein F, Correia LM, Oliveira C, Sebastiao D, Wiedemann PM	Institute for Technology Assessment and Systems Analysis, Karlsruhe Institute of Technology, Berlin, Germany; Instituto Superior Técnico/INOV-INESC, University of Lisbon, Lisbon, Portugal; Faculty of Social Sciences, University of Wollongong, Wollongong, New South Wales, Australia	International Journal of Environmental Research and Public Health, Vol 12 (11), Nov 2015, pp. 14177-14191
Exposure perception as a key indicator of risk perception and acceptance of sources of radio frequency electromagnetic fields	2015-07 published online	Freudenstein F, Wiedemann PM, Brown TW	Institute for Technology Assessment and Systems Analysis, Karlsruhe Institute of Technology, Berlin, Germany; School of Social Sciences, University of Wollongong, Wollongong, New South Wales, Australia; Institute for Communication Systems Research, University of Surrey, Guildford, Surrey, UK	Journal of Environmental and Public Health, published online Jul 2015

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Validating self-reported mobile phone use in adults using a newly developed smartphone application	2015-11	Goedhart G, Kromhout H, Wiart J, Vermeulen R	Department of Environmental Epidemiology, Institute for Risk Assessment Sciences, Utrecht University, Utrecht, The Netherlands; Whist Lab, Institut Mines Telecom and Orange Labs, Paris, France; Department of Environmental Epidemiology, Institute for Risk Assessment Sciences, Utrecht University, Utrecht, The Netherlands; School of Public Health, Imperial College London, London, UK	Occupational & Environmental Medicine, Vol 72 (11), Nov 2015, pp. 812-818
Using software-modified smartphones to validate self-reported mobile phone use in young people: a pilot study	2015-10	Goedhart G, Vrijheid M, Wiart J, Hours M, Kromhout H, Cardis E, Eastman Langer C, de Llobet Viladoms P, Massardier-Pilonchery A, Vermeulen R	Department of Environmental Epidemiology, Utrecht University, Institute for Risk Assessment Sciences (IRAS), Utrecht, The Netherlands; Centre for Research in Environmental Epidemiology (CREAL), Barcelona, Spain; Biomedical Research Centre Network for Epidemiology and Public Health (CIBERESP), Barcelona, Spain; Universitat Pompeu Fabra (UPF), Barcelona, Spain; Whist Lab, Institute Mines-T, é, lécom/Orange, Paris, France; Epidemiological Research and Surveillance Unit in Transport, Occupation and Environment (UMRESTTE), Université de Lyon/The French Institute of science and technology for transport, development and networks (IFSTTAR), Lyon, France	Bioelectromagnetics, Vol 36 (7), Oct 2015, pp. 538-543
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Neurodegenerative changes and apoptosis induced by intrauterine and extrauterine exposure of radiofrequency radiation	2015-10 published online	Guler G, Ozgur E, Keles H, Tomruk A, Vural SA, Seyhan N	Department of Biophysics, Gazi University School of Medicine and Gazi Non-Ionizing Radiation Protection Center, Ankara, Turkey; Department of Pathology, Faculty of Veterinary Medicine, Afyon Kocatepe University, Afyonkarahisar, Afyon, Turkey; Department of Pathology, Faculty of Veterinary Medicine, Ankara University, Ankara, Turkey	Journal of Chemical Neuroanatomy, published online Oct 2015
Millimeter-wave electromagnetic field exposure from mobile terminals	2015-07_06	Guraliuc AR, Zhadobov M, Sauleau R, Marnat L, Dussopt L	Institute of Electronics and Telecommunications of Rennes, University of Rennes, France; Univ. Grenoble Alpes, Grenoble, France; CEA, LETI, Minatoc Campus, Grenoble, France	European Conference on Networks and Communications (EuCNC) 2015, Jun-Jul 2015, pp. 82-85
Assessment of Personal Exposure to Wireless Communication Technologies in Different Microenvironments	2015-09	Hamiti E, Ibrani M, Ahma L, Halili R, Berisha D, Shala V	Faculty of Electrical and Computer Engineering, University of Prishtina, Prishtina, Republic of Kosovo	9th International Conference on Next Generation Mobile Applications, Services and Technologies, Sep 2015, pp. 188-192

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Response to Ahlbom et al. Comments on Hardell and Carlberg Increasing Rates of Brian Tumors in the Swedish National Inpatient Register and the Causes of Death Register	2015-09	Hardell L, Carlberg M	Department of Oncology, Faculty of Medicine and Health, Örebro University, Örebro, Sweden	International Journal of Environmental Research and Public Health, Vol 12 (9), Sep 2015, pp. 11665-11669
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An historical overview of the activities in the field of exposure and risk assessment of non-ionizing radiation in Bulgaria	2015-09	Israel M	National Centre of Public Health and Analyses-Sofia, Medical University-Pleven, Sofia, Bulgaria	Electromagnetic Biology and Medicine, Vol 34 (3), Sep 2015, pp. 183-189
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Power Level Distributions of Radio Base Station Equipment and User Devices in a 3G Mobile Communication Network in India and the Impact on Assessments of Realistic RF EMF Exposure	2015-07	Joshi P, Agrawal M, Thors B, Colombi D, Kumar A, Tornevik C	Ericsson Research, Ericsson AB, Stockholm, Sweden; Ericsson India, Gurgaon, India	IEEE Access, Vol 3, Jul 2015, pp. 1051-1059
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A study of SAR pattern in biological tissues due to RF exposure	2015-12	Kaur B, Singh S, Kumar J	Department of Electronics and Communication Engineering, PEC University of Technology, Chandigarh, India; Department of Electrical Engineering, PEC University of Technology, Chandigarh, India;	2nd International Conference on Recent Advances in Engineering & Computational Sciences (RAECS) 2015, Dec 2015, pp. 1-5
The effect of superposition of 900 MHz and incoherent noise electromagnetic fields on the induction of reactive oxygen species in SP2/0 cell line	2015-07	Kazemi E, Mortazavi SMJ, Ghanbari AA, Mozdarani H, Sharif Zadeh S, Mostafavi pour Z, Zal F, Haghdoost S	Department of Radiology, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Medical Physics and Medical Engineering, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Electrical Engineering, School of Engineering, Shiraz University, Shiraz, Iran; Department of Medical Genetics, Faculty of Medical Sciences, Tarbiat Modares University, Tehran, Iran; Department of Immunology, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Biochemistry, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Molecular Bioscience, Wenner-Gren Institute, Stockholm University, Stockholm Sweden	International Journal of Radiation Biology, Jul 2015, Vol 13 (3), pp 275-280
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Synoptic Analysis of Epidemiologic Evidence of Glioma Risk from Mobile Phones	2015-09	Leitgeb N	Institute of Health Care Engineering, Graz University of Technology, Graz, Austria	Journal of Electromagnetic Analysis and Applications, Vol 7 (9), Sep 2015, pp. 233-243
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Effect of short-term mobile phone base station exposure on cognitive performance, body temperature, heart rate and blood pressure of Malaysians	2015-08	Malek F, Rani KA, Rahim HA, Omar MH	School of Electrical System Engineering, Universiti Malaysia Perlis (UniMAP), Pauh Putra, Arau, Perlis, Malaysia; School of Computer and Communication Engineering, Universiti Malaysia Perlis (UniMAP), Pauh Putra, Arau, Perlis, Malaysia; Faculty of Engineering Technology, Universiti Malaysia Perlis (UniMAP), Pauh Putra, Arau, Perlis, Malaysia	Scientific Reports, 5:13206, Aug 2015

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Electromagnetic fields in working life. A guide to risk assessment	2015	Mild KH, Sandström M	Department of Radiation Sciences, Umeå University, Sweden; Department of Occupational and Environmental Medicine, Public Health & Clinical Medicine, Umeå University, Sweden	European Trade Union Institute, 2015, ISBN 978-2-87452-336-6
Computation of effective dielectric constant and electric field in the human head: A preliminary study for electromagnetic wave effect	2015-12	Mishra V, Kumar N, Puthucheri S, Agarwala V, Singh D	Microwave Imaging and Space Technology Application Laboratory, Department of Electronics and Communication Engineering, Indian Institute of Technology Roorkee, Uttarakhand, India; Department of Metallurgical and Materials Engineering, Indian Institute of Technology Roorkee, Uttarakhand, India	IEEE 10th International Conference on Industrial and Information Systems (ICIIS) 2015, Dec 2015
A regularised boundary element formulation for contactless SAR evaluations within homogeneous and inhomogeneous head phantoms	2015-11	Mitharwal R, Andriulli FP	Computational Electromagnetics Research Laboratory, Microwave Department, Télécom Bretagne, Brest, France	Comptes Rendus Physique, Vol 16 (9), Nov 2015, pp. 776-788
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Survey of the Effects of Exposure to 900 MHz Radiofrequency Radiation Emitted by a GSM Mobile Phone on the Pattern of Muscle Contractions in an Animal Model	2015-09	Mortazavi SM, Rahimi S, Talebi A, Soleimani A, Rafati A	Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics and Medical Engineering Department, School of Medicine Shiraz University, Shiraz, Iran; Department of Epidemiology, School of Health, Tabriz University of Medical Sciences, Tabriz, Iran; Physiology Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Biomedical & Physics Engineering, Vol 5 (3), Sep 2015, pp. 121-132
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Effects of prenatal exposure to a 900 MHz electromagnetic field on 60-day-old rat testis and epididymal sperm quality	2016	Odaci E, Hanci H, Yulug E, Turedi S, Aliyazicioglu Y, Kaya H, Colakoglu S	Department of Histology and Embryology, Karadeniz Technical University, Trabzon, Turkey; Department of Medical Biochemistry, Faculty of Medicine, Karadeniz Technical University, Trabzon, Turkey; Department of Electrical and Electronic Engineering, Faculty of Engineering, Karadeniz Technical University, Trabzon, Turkey; Department of Anatomy, Faculty of Medicine, Düzce University, Düzce, Turkey	Biotechnic & Histochemistry, Vol 91 (1), 2016, pp. 9-19

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Effects of chronic exposure to electromagnetic waves on the auditory system	2015-08	Ozgur A, Tumkaya L, Terzi S, Kalkan Y, Erdivanli OC, Dursun E	Department of Otorhinolaryngology and Department of Histology and Embryology, Medical Faculty, Recep Tayyip Erdogan University, Rize, Turkey	Acta Oto-Laryngologica, Vol 135 (8), Aug 2015, pp. 765-770
Microwave frequency electromagnetic fields (EMFs) produce widespread neuropsychiatric effects including depression	2015-08 published online	Pall ML	Professor Emeritus of Biochemistry and Basic Medical Sciences, Washington State University, Portland, Oregon, USA	Journal of Chemical Neuroanatomy, published online Aug 2015
Real versus Simulated Mobile Phone Exposures in Experimental Studies	2015-08 published online	Panagopoulos DJ, Johansson O, Carlo GL	National Center for Scientific Research "Demokritos", Athens, Greece; Department of Biology, University of Athens, Athens, Greece; Radiation and Environmental Biophysics Research Centre, Athens, Greece; Experimental Dermatology Unit, Department of Neuroscience, Karolinska Institute, Stockholm, Sweden; The Science and Public Policy Institute, Institute for Healthful Adaptation, Falls Church, Virginia, USA	BioMed Research International, published online Aug 2015
Exposure of farm workers to electromagnetic radiation from cellular network radio base stations situated on rural agricultural land	2015-12 published online	Pascuzzi S, Santoro F	University of Bari 'Aldo Moro', Italy	International Journal of Occupational Safety and Ergonomics, Vol 21 (3), published online Dec 2015, pp. 351-358
Assessment of contribution of other users to own total whole-body RF absorption in train environment	2015-12	Plets D, Joseph W, Aerts S, Vermeeren G, Varsier N, Wiart J, Martens L	Department of Information Technology, Ghent University/iMinds, Ghent, Belgium; Orange Labs Networks and Carriers, Issy-Les-Moulineaux, France	Bioelectromagnetics, Vol 36 (8), Dec 2015, pp. 597-602
Exposure to Radiofrequency Radiation Emitted from Common Mobile Phone Jammers Alters the Pattern of Muscle Contractions: an Animal Model Study	2015-09	Rafati A, Rahimi S, Talebi A, Soleimani A, Haghani M, Mortazavi SMJ	Physiology Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics and Medical Engineering Department, School of Medicine Shiraz University, Shiraz, Iran; Department of Epidemiology, School of Health, Tabriz University of Medical Sciences, Tabriz, Iran; Ionizing and Non-ionizing Radiation Protections Research Center (INIR-PRC), Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Biomedical & Physics Engineering, Vol 5 (3), Sep 2015, pp. 133-142
Radiofrequency exposure in young and old: different sensitivities in light of age-relevant natural differences	2015-12	Redmayne M, Johansson O	Population Health Research on Electromagnetic Energy (PRESEE), Department of Epidemiology and Preventive Medicine, Monash University, Melbourne, Australia; The Experimental Dermatology Unit, Department of Neuroscience, Karolinska Institute, Stockholm, Sweden	Reviews on Environmental Health, Vol 30 (4), Dec 2015, pp. 323-335
A statistical assessment of ambient electromagnetic field using body-worn multiaxial sensors	2015-11	Roblin C	LTCI, Télécom ParisTech & CNRS, Communications & Electronics Dept., Paris, France	Comptes Rendus Physique, Vol 16 (9), Nov 2015, pp. 802-818

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Opinion on potential health effects of exposure to electromagnetic fields	2015-09	Scientific Committee on Emerging Newly Identified Health Risks (SCENIHR)	European Commission, DG Health and Food Safety, Directorate C: Public Health, Luxembourg	Bioelectromagnetics, Vol 36 (6), Sep 2015, pp. 480-484
Comments on SCENIHR: Opinion on potential health effects of exposure to electromagnetic fields	2016-04	Sage C, Carpenter D, Hardell L	Sage Associates, Santa Barbara, California, USA; University of Albany, New York Institute for Health and the Environment, Albany, New York, USA; Department of Oncology, Orebro University Hospital, Orebro, Sweden	Bioelectromagnetics, Vol 37 (3), Apr 2016, pp. 190-192
Reply to comment of Sage et al. on SCENIHR's opinion on potential health effects of exposure to electromagnetic fields	2016-04	Leitgeb N	Member of European Commission's Scientific Committee of Emerging and Newly Identified Health Risks (SCENIHR), Institute of Health Care Engineering, Graz University of Technology, Graz, Austria	Bioelectromagnetics, Vol 37 (3), Apr 2016, pp. 193-194
Controversies related to electromagnetic field exposure on peripheral nerves	2015-12 published online	Say F, Altunkaynak BZ, Coskun S, Deniz OG, Yildiz C, Altun G, Kaplan AA, Kaya SE, Piskin A	Department of Orthopedics and Traumatology, Medical School, Ondokuz Mayıs University, Samsun, Turkey; Department of Histology and Embryology, Medical School, Ondokuz Mayıs University, Samsun, Turkey	Journal of Chemical Neuroanatomy, published online Dec 2015
Memory performance, wireless communication and exposure to radiofrequency electromagnetic fields: A prospective cohort study in adolescents	2015-12	Schoeni A, Roser K, Rössli M	Swiss Tropical and Public Health Institute, Department of Epidemiology and Public Health, Basel, Switzerland; University of Basel, Basel, Switzerland	Environment International, Vol 85, Dec 2015, pp. 343-351
Exposure to non-ionizing electromagnetic radiation from mobile telephony and the association with psychiatric symptoms	2015-10	Silva DF, Barros WR, Almeida MD, Rego MA	Centro de Pesquisas Gonçalo Moniz, Fundação Oswaldo Cruz, Salvador, Brasil; Faculdade de Medicina da Bahia, Universidade Federal da Bahia, Salvador, Brasil.	Cadernos de Saúde Pública, Vol 31 (10), Oct 2015
Effect of cell phone-like electromagnetic radiation on primary human thyroid cells	2016-02	Silva V, Hilly O, Strenov Y, Tzabari C, Hauptman Y, Feinmesser R	Laboratory of Otorhinolaryngology Research, The Felsenstein Medical Research Center, The Sackler School of Medicine, Tel Aviv University, Petach Tikva; Department of Otorhinolaryngology Head and Neck Surgery, Rabin Medical Center, Beilinson Campus, Petach Tikva; Department of Pathology, Rabin Medical Center, Beilinson Campus, Petach Tikva; Galsafe Ltd, Or'Yehuda, Israel	International Journal of Radiation Biology, Vol 92 (2), Feb 2016, pp. 107-115
Effects of GSM modulated radio-frequency electromagnetic radiation on permeability of blood-brain barrier in male & female rats	2015-12 published online	Sirav B, Seyhan N	Gazi University, Faculty of Medicine, Department of Biophysics, Ankara, Turkey; Gazi Non-Ionizing Radiation Protection Center, Ankara, Turkey	Journal of Chemical Neuroanatomy, published online Dec 2015
Whole-Body Averaged Specific Absorption Rate Estimation Using a Personal, Distributed Exposimeter	2015-07	Thielens A, Vanveerdeghem P, Agneessens S, Van Torre P, Vermeeren G, Rogier H, Martens L, Joseph W	Department of Information Technology, Ghent University/iMinds, Ghent, Belgium	IEEE Antennas and Wireless Propagation Letters, Vol 14, Jul 2015, pp. 1534-1537
Effects of concurrent caffeine and mobile phone exposure on local target probability processing in the human brain	2015-09 published online	Trunk A, Stefanics G, Zentai N, Bacskay I, Felinger A, Thuoroczy G, Hernadi I	Department of Experimental Neurobiology, 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; Szentágothai Research Centre, University of Pécs, Hungary; National Institute for Radiobiology and Radiohygiene (NIRR), Budapest, Hungary	Scientific Reports, 5: 14434, published online Sep 2015

Activity and expression of acetylcholinesterase in PC12 cells exposed to intermittent 1.8 GHz 217-GSM mobile phone signal	2016-01	Valbonesi P, Franzellitti S, Bersani F, Contin A, Fabbri E	Interdepartmental Centre for Environmental Science Research, University of Bologna, Campus of Ravenna, Italy; Department of Biological, Geological and Environmental Sciences, University of Bologna, Bologna, Italy; Department of Physics, University of Bologna, Bologna, Italy	International Journal of Radiation Biology, Vol 92 (1), Jan 2016, pp. 1-10
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Mobile phone use and risk of glioma: a case-control study in Korea for 2002-2007	2015-12 published online	Yoon S, Choi JW, Lee E, Ahn H, Kim HS, Choi HD, Kim N	Department of Preventive Medicine, Korea University College of Medicine, Seoul, Korea; Department of Biostatistics, Korea University College of Medicine, Seoul, Korea; Electronics and Telecommunications Research Institute, Daejeon, Korea; Department of Information and Communication Engineering, Chungbuk National University, Cheongju, Korea	Environment Health and Toxicology, Vol 30, published online Dec 2015
A Challenging Issue in the Etiology of Speech Problems: The Effect of Maternal Exposure to Electromagnetic Fields on Speech Problems in the Offspring	2015-09	Zarei S, Mortazavi SMJ, Mehdizadeh AR, Jalalipour M, Borzou S, Taeb S, Haghani M, Mortazavi SAR, Shojaei-fard MB, Nematollahi S, Alighanbari N, Jarideh S	Speech and Language Pathology Department, School of Rehabilitation, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Medical Physics and Engineering, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics and Medical Engineering Department, School of Medicine Shiraz University, Shiraz, Iran; Ionizing and Non-ionizing Radiation Protections Research Center (INIR-PRC), Shiraz University of Medical Sciences, Shiraz, Iran; Student Research Committee, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Biostatistics Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Occupational Health Department, School of Health, Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Biomedical & Physics Engineering, Vol 5 (3), Sep 2015, pp. 151-154
Habits of cell phone usage and sperm quality - does it warrant attention?	2015-09	Zilberlicht A, Wiener-Megnazi Z, Sheinfeld Y, Grach B, Lahav-Baratz S, Dirnfeld M	Division of Fertility-In Vitro Fertilization, Department of Obstetrics and Gynecology, Carmel Medical Center, Faculty of Medicine, Technion, Haifa, Israel	Reproductive BioMedicine Online, Vol 31 (3), Sep 2015, pp. 421-426
Effects of microwaves (900 MHz) on peroxidase systems: a comparison between lactoperoxidase and horseradish peroxidase	2016-04	Barteri M, De Carolis R, Marinelli F, Tomassetti G, Montemiglio LC	Department of Chemistry, "Sapienza" University of Rome, Rome, Italy; National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), Rome, Italy; National Research Council of Italy (CNR), Istituto di Genetica Molecolare (IGM), Bologna, Italy; SC Laboratory of Muscoloskeletal Cell Biology, Istituto Ortopedico Rizzoli (IOR), Bologna, Italy; Institute of Radioastronomy, Italian National Institute for Astrophysics (INAF), Bologna, Italy; Department of Biochemistry, "Sapienza" University of Rome, Rome, Italy	Electromagnetic Biology and Medicine, Vol 35 (2), Apr 2016, pp. 126-133
Acute effects of 3G mobile phone radiations on frontal haemodynamics during a cognitive task in teenagers and possible protective value of Om chanting	2016-06 published online	Bhargav H, N K M, Varambally S, Mooventhan A, Bista S, Singh D, Chhabra H, Venkatasubramanian G, T M S, H R N	Anvesana Research Laboratories, Division of Yoga and Life Sciences, S-VYASA Yoga University, Bangalore, India; Department of Psychiatry, National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore, India; S-VYASA Yoga University, Bangalore, India	International Review of Psychiatry, published online Jun 2016

The Effects of Precautionary Messages about Electromagnetic Fields from Mobile Phones and Base Stations Revisited: The Role of Recipient Characteristics	2016-05 published online	Boehmert C, Wiedemann P, Pye J, Croft R	Department of Science Communication, Karlsruhe Institute of Technology, Karlsruhe, Germany; Australian Centre for Electromagnetic Bioeffects Research, School of Psychology, University of Wollongong, Wollongong, Australia; School of Psychology, University of Wollongong, Wollongong, Australia; Healthy Brain Ageing Program, Brain and Mind Centre, University of Sydney, Sydney, Australia; Centre for Health Initiatives, Illawarra Health and Medical Research Institute, University of Wollongong, Wollongong, Australia	Risk Analysis, published online May 2016
Neurobiological effects of repeated radiofrequency exposures in male senescent rats	2016-05 published online	Bouji M, Lecomte A, Gamez C, Blazy K, Villegier AS	Unité de Toxicologie Expérimentale, Institut National de l'Environnement Industriel et des Risques (INERIS), Verneuil-en-Halatte, France; PERITOX EA 4285-UM INERIS 01 UFR de médecine, Amiens, France	Biogerontology, published online May 2016
Modern Electronic Devices: An Increasingly Common Cause of Skin Disorders in Consumers	2016-06_05	Corazza M, Minghetti S, Bertoldi AM, Martina E, Virgili A, Borghi A	Dipartimento di Scienze Mediche, Sezione di Dermatologia e Malattie Infettive, Università di Ferrara; Dermatological Clinic, Department of Clinical and Molecular Medicine, Polytechnic University of Marche, Torrette, Ancona, Italy	Dermatitis, Vol 27 (3), May-Jun 2016, pp. 82-89
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Histological and histochemical study of the protective role of rosemary extract against harmful effect of cell phone electromagnetic radiation on the parotid glands	2016-05 published online	Ghoneim FM, Arafat EA	Department of Histology and Cell Biology, Faculty of Medicine, Mansoura University, Egypt; Department of Anatomy, Taif University, Saudi Arabia	Acta Histochemica, published online May 2016
Association between Exposure to Smartphones and Ocular Health in Adolescents	2016-06 published online	Hwang Y, Kang S, Kim M, Kim TS, Seo J, Ahn H, Yoon S, Yun JP, Lee YL, Ham H, Yu HG, Park SK	Seoul National University College of Medicine, Seoul, Korea; Department of Preventive Medicine, Seoul National University College of Medicine, Seoul, Korea; Cancer Research Institute, Seoul National University, Seoul, Korea; Department of Biomedical Science, Seoul National University Graduate School, Seoul, Korea; Department of Ophthalmology, Seoul National University, Seoul, Korea	Ophthalmic Epidemiology, published online Jun 2016
Mobile phones and seizures: drug-resistant epilepsy is less common in mobile-phone-using patients	2016-06 published online	Nagarjunakonda S, Amalakanti S, Uppala V, Gajula RK, Tata RS, Bolla HB, Rajanala L, Athina S, Daggumati R, Lavu H, Devanaboina AK	Department of Neurology, Guntur Medical College, Guntur, Andhra Pradesh, India	Postgraduate Medical Journal, published online Jun 2016
Effects of 1950 MHz W-CDMA-like signal on human spermatozoa	2016-06 published online	Nakatani-Enomoto S, Okutsu M, Suzuki S, Suganuma R, Groiss SJ, Kadowaki S, Enomoto H, Fujimori K, Ugawa Y	Department of Neurology, School of Medicine, Fukushima Medical University, Fukushima, Japan; Department of Obstetrics and Gynecology, School of Medicine, Fukushima Medical University, Fukushima, Japan; Department of Neurology, Center for Movement Disorders and Neuromodulation, and Institute of Clinical Neuroscience and Medical Psychology, Medical Faculty, Heinrich-Heine University, Düsseldorf, Germany; JST, Research Seeds Program, Fukushima, Japan	Bioelectromagnetics, published online Jun 2016

Personal exposure to radiofrequency electromagnetic fields: University of Barcelona study	2016-04	Vidal N, Garcia-Miquel A, Rios A, Lopez-Villegas JM, Roca E	Electronics Department, University of Barcelona, Spain; 3IMSE-CNM, CSIC and University of Seville, Seville, Spain	10th European Conference on Antennas and Propagation (EuCAP) 2016, Apr 2016, pp. 1-4
The microwave syndrome or electro-hypersensitivity: historical background	2015-12	Carpenter DO	Institute for Health and the Environment, University at Albany, New York, USA	Reviews on Environmental Health, Vol 30 (4), Dez 2015, pp. 217-222
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Increased mercury release from dental amalgam restorations after exposure to electromagnetic fields as a potential hazard for hypersensitive people and pregnant women	2015-12	Mortazavi G, Mortazavi SMJ	Tangestan Health Network, Bushehr University of Medical Sciences, Bushehr, Iran; Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics and Medical Engineering Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	Reviews on Environmental Health, Vol 30 (4), Dec 2015, pp. 287-292
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Effects of cell phone radiation on lipid peroxidation, glutathione and nitric oxide levels in mouse brain during epileptic seizure	2016-02 published online	Esmekaya MA, Tuysuz MZ, Tomruk A, Canseven AG, Yucel E, Aktuna Z, Keskil S, Seyhan N	Department of Biophysics, Gazi University, Ankara, Turkey; Department of Neurosurgery, Baskent University, Alanya Training and Research Hospital, Antalya, Turkey; Department of Medical Pharmacology, Kirikkale University, Kirikkale, Turkey; Department of Neurosurgery, Kirikkale University, Kirikkale, Turkey	Journal of Chemical Neuroanatomy, published online Feb 2016
Thirty-minutes' exposure to smartphone call triggers neutrophil activation in vitro	2016-02 published online	Lippi G, Danese E, Brocco G, Benati M, Salvagno GL, Montagnana M, Franchini M	Section of Clinical Biochemistry, University of Verona, Verona, Italy; Department of Transfusion Medicine and Hematology, Carlo Poma Hospital, Mantova, Italy	Clinical Chemistry and Laboratory Medicine, published online Feb 2016
GSM 900 MHz Microwave Radiation-Induced Alterations of Insulin Level and Histopathological Changes of Liver and Pancreas in Rat	2016 published online	Mortazavi SMJ, Owji SM, Shojaie-fard MB, Ghader-Panah M, Mortazavi SAR, Tavakoli-Golpayegani A, Haghani M, Taeb S, Shokrpour N, Koohi O	Medical Physics and Medical Engineering 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; Pathology Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Radiology, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Laboratory Animals, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Physiology, Fasa University of Medical Sciences, Fasa, Iran	Journal of Biomedical Physics and Engineering, published online 2016

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Frequent cellular phone use modifies hypothalamic-pituitary-adrenal axis response to a cellular phone call after mental stress in healthy children and adolescents: A pilot study	2015-12	Geronikolou SA, Chamakou A, Mantzou A, Chrousos G, Kanaka-Gantenbein C	First Department of Paediatrics, University of Athens Medical School, "Aghia Sophia" Children's Hospital, Athens, Greece; Clinical, Experimental Surgery and Translational Research Centre, Biomedical Research Foundation Academy of Athens, Athens, Greece; Department of Endocrinology, Eugenideion Hospital, University of Athens, Athens, Greece	Science of The Total Environment, Vol 536, Dec 2015, pp. 182-188
Effect of 900 MHz Electromagnetic Radiation on the Induction of ROS in Human Peripheral Blood Mononuclear Cells	2015-09	Kazemi E, Mortazavi SMJ, Ali-Ghanbari A, Sharifzadeh S, Ranjbaran R, Mostafavi-Pour Z, Zal F, Haghani M	Radiobiology department, School of paramedical sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; The Center for Research on Protection against Ionizing and Non-ionizing Radiation, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Telecommunication Department, School of Engineering, Shiraz University, Shiraz, Iran; Diagnostic Laboratory Sciences and Technology Research Center, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Biochemistry Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Biomedical & Physics Engineering, Vol 5 (3), Sep 2015, pp. 105-114
Exposure to 3G mobile phone signals does not affect the biological features of brain tumor cells	2015-08	Liu YX, Li GQ, Fu XP, Xue JH, Ji SP, Zhang ZW, Zhang Y, Li AM	Department of Neurosurgery, First Affiliated Hospital of PLA General Hospital, Beijing, China; Department of Cell Biology, Institute of Basic Medical Sciences, Beijing, China; China Telecommunication Technology Labs, Beijing, China; Department of blood molecular biology, Institute of blood transfusion medicine, Beijing, China	BMC Public Health, Vol 15, Aug 2015
Cell oxidation-reduction imbalance after modulated radiofrequency radiation	2015-10	Marjanovic AM, Pavicic I, Trosic I	Radiation Dosimetry and Radiobiology Unit, Institute for Medical Research and Occupational Health, Zagreb, Croatia	Electromagnetic Biology and Medicine, Vol 34 (4), Oct 2015, pp. 381-386
The Effect of Sub-Chronic Whole-Body Exposure to a 1,950 MHz Electromagnetic Field on the Hippocampus in the Mouse Brain	2015-07	Son Y, Jeong YJ, Kwon JH, Choi HD, Paek JK, Kim N, Lee YS, Lee HJ	Division of Radiation Effects, Korea Institute of Radiological & Medical Sciences, 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, Korea; Graduate School of Pharmaceutical Sciences, Ewha Womans University, Seoul, Korea	Journal of Electromagnetic Engineering and Science, Vol 15 (3), Jul 2015, pp. 151-157
8-oxoG DNA Glycosylase-1 Inhibition Sensitizes Neuro-2a Cells to Oxidative DNA Base Damage Induced by 900 MHz Radiofrequency Electromagnetic Radiation	2015-09 published online	Wang X, Liu C, Ma Q, Feng W, Yang L, Lu Y, Zhou Z, Yu Z, Li W, Zhang L	Department of Military Nursing, School of Nursing, Third Military Medical University, Chongqing; Department of Occupational Health, Third Military Medical University, Chongqing, People's Republic of China	Cellular Physiology and Biochemistry, Vol 37 (3), published online Sep 2015, pp. 1075-1088
Acute effects of 30 minutes of exposure to a smartphone call on in vitro platelet function	2016-05 published online	Lippi G, Danese E, Brocco G, Gelati M, Salvagno GL, Montagnana M	Section of Clinical Biochemistry, University of Verona, Verona, Italy	Blood Transfusion, published online May 2016
Adaptive response in mouse bone-marrow stromal cells exposed to 900-MHz radiofrequency fields: Gamma-radiation-induced DNA strand breaks and repair	2016-05	Ji Y, He Q, Sun Y, Tong J, Cao Y	School of Public Health, Medical College of Soochow University, Suzhou, Jiangsu Province, People's Republic of China	Journal of Toxicology and Environmental Health, Vol 79 (9-10), May 2016, pp. 419-426