

Mobile Phones

The Mobile Phones set of articles is separated into 9 sections, each of which can be individually downloaded. It is a 'work in progress' incorporating new information whenever time permits.

Section 9 References

1. Introduction; children and safety; mobile phone addiction; tracking and tapping phones; the impact of adverse weather patterns on phone calls; the environmental impact of the technology
2. Are mobile phones a health problem? Is the data trustworthy?
3. Brain tumours and other cancers; 13-nation Interphone study findings, and others; brain tumours; eye cancer; leukaemia; melanoma; personal experiences; pituitary; prostate; salivary gland tumours; skin tumours; stem cells; thyroid cancer; implications; Legal viewpoints
4. Dementia; reproductive effects; neurological effects; cognitive effects; brain activity, children
5. Biological control systems; heat shock protein; DNA; interaction with other environmental exposures and indirect affects; cellular mechanisms; blood changes; oxidative stress
6. Other health effects; general; allergies; babies; bacteria; balance and mobility; bladder; bone growth; bone healing; brain changes; cardiovascular changes; chronic fatigue syndrome (CFS); CNS effects; depression; diabetes; ear effects and hearing; emotionality; epilepsy and seizures; eye effects; gastric effects; growth; hand and arm effects; headaches; heart; hormone effects; immune system; kidney damage; life span; liver; migraines; mouth; multiple sclerosis; neuropathic pain; nose; pain perception; personality changes; physical activity; salivary gland effects; skin; sleep; stress; tendonitis; tinnitus; other effects; drug and other interactions; complexities of study design that may result in finding 'no effects'; animal, insect and plant experiments and effects; indirect effects; protective effects
7. UK and international regulations and guidelines; exposure places and bans, hospitals, physical therapies, prisons, railways, rural areas; Austria; Belgium; EU; France; Germany; India; Israel; Italy; Japan; Poland; Russia; Taiwan; USA
8. Things you can do to reduce your RF exposure. Phone, time, signal strength, switching off Blackberrys; vulnerable areas; texting; standby; other people; when travelling; headsets; SARs; antennas; electromagnetic noise; protective gizmos; jammers; supplements
9. References – 740 references

References

- Aalto S** et al 2006 - *Mobile Phone affects cerebral blood flow in humans* J Cereb Blood Flow Metab 26(7):885-90 PMID: 16495939
- Abdus-salam A** et al 2008 - *Mobile phone radiation and the risk of cancer; a review* Afr J Med Med Sci. 37(2):107-18 PMID: 18939393
- Aboul Ezz HS** et al 2013 - *The effect of pulsed electromagnetic radiation from mobile phone on the levels of monoamine neurotransmitters in four different areas of rat brain* Eur Rev Med Pharmacol Sci 17(13):1782-8 PMID: 23852905
- Abramson MJ** et al 2009 - *Mobile telephone use is associated with changes in cognitive function in young adolescents* Bioelectromagnetics 30(8):678-86 PMID: 19644978
- Abu Khadra KM** et al 2014 - *Evaluation of selected biochemical parameters in the saliva of young males using mobile phones* Electromagn Biol Med 34(1):72-6 PMID: 24499288
- Adams JA** et al 2014 - *Effect of mobile telephones on sperm quality: a systematic review and meta-analysis* Environ Int 70:106-12 PMID: 24927498
- Adams SK & TS Kisler** 2013 - *Sleep quality as a mediator between technology-related sleep quality, depression, and anxiety* Cyberpsychol Behav Soc Netw 16(1):25-30 PMID: 23320870
- Adey WR** et al 1999 - *Incidence of spontaneous and nitrosourea-induced primary tumors of the central nervous system in Fischer 344 rats chronically exposed to modulated microwaves* Radiat Res 152(3): 293-302 PMID: 10453090
- Adibzadeh F** et al 2015 - *Impact of head morphology on local brain specific absorption rate from exposure to mobile phone radiation* Bioelectromagnetics 36(1):66-76 PMID: 25399806
- Agarwal A & D Durairajanayagam** 2015 - *Are men talking their reproductive health away?* Asian J Androl 17(3):433-4 PMID: 25432495
- Agarwal A** et al 2009 - *Effects of radiofrequency electromagnetic waves (RF-EMW) from cellular phones on human ejaculated semen: an in vitro pilot study* Fertil Steril 92(4):1318-25 PMID: 18804757
- Agarwal A** et al 2008 - *Effect of cell phone usage on semen analysis in men attending infertility clinic: an observational study* Fertil Steril 89(1):124-8 PMID: 17482179
- Ahamed VI** et al 2008 - *Effect of mobile phone radiation on heart rate variability* Comput Biol Med 38(6):709-12 PMID: 18486937
- Ahlbom A** et al 2009 - *Epidemiologic evidence on mobile phones and tumor risk: a review* Epidemiology 20(5):639-52 PMID: 19593153
- Aitken RJ** et al 2005 - *Impact of radiofrequency electromagnetic radiation on DNA integrity in the male germline* Int J Androl 28(3): 171-9 PMID: 15910543
- Akar A** et al 2013 - *Effects of low level electromagnetic field exposure at 2.45 GHz on rat cornea* Int J Radiat Biol 89(4):243-9 PMID: 23206266
- Akdag M** et al 2018 - *Exposure to non-ionizing electromagnetic fields emitted from mobile phones induced DNA damage in human ear canal hair follicle cells* Electromagn Biol Med 37(2):66-75 PMID: 29667447
- Akhavan-Sigari R** et al 2014 - *Connection between cell phone use, p53 gene expression in different zones of glioblastoma multiforme and survival prognoses* Rare Tumors 6(3):5350 PMID: 25276320
- Akkaya N** et al 2015 - *Ultrasonographic Evaluation of the Flexor Pollicis Longus Tendon in Frequent Mobile Phone Texters* Am J Phys Med Rehabil 94(6):444-8 PMID: 25171661
- Al-Ali BM** et al 2013 - *Cell phone usage and erectile function* Cent European J Urol 66(1):75-7 PMID: 24578997
- Aldad TS** et al 2012 - *Fetal radiofrequency radiation exposure from 800-1900 mhz-rated cellular telephones affects neurodevelopment and behavior in mice* Sci Rep 2:312 PMID: 22428084

- Alekseev SI** et al 2008 - *Millimeter wave dosimetry of human skin* Bioelectromagnetics 2008 Jan;29(1):65-70 PMID: 17929264
- Alhusseiny A** et al 2012 - *Electromagnetic energy radiated from mobile phone alters electrocardiographic records of patients with ischemic heart disease* Ann Med Health Sci Res 2(2):146-51 PMID: 23440607
- Ali M** et al 2014 - *Frequency of De Quervain's tenosynovitis and its association with SMS texting* Muscles Ligaments Tendons J 4(1):74-8 PMID: 24932451
- Ali Kahn A et al** 2003 - *The anatomical distribution of cerebral gliomas in mobile phone users* Ir Med J 96(8):240-2 PMID: 14653376
- Aliyev F** et al 2010 - *Electromagnetic interference with electrocardiogram recording of exercise test equipment* Turk Kardiyol Dern Ars 38(5):352-4 PMID: 21200106
- Al-Khlaiwi T & SA Meo** 2004 - *Association of mobile phone radiation with fatigue, headache, dizziness, tension and sleep disturbance in Saudi population* Saudi Med J 25(6):732-6 PMID: 15195201
- Al-Qahtani K** 2016 - *Mobile phone use and the risk of parotid gland tumors: a retrospective case-control study* Gulf J Onocolog 1(20):71-78 PMID: 27050182
- Alsanosi AA** et al 2013 - *The acute auditory effects of exposure for 60 minutes to mobile's electromagnetic field* Saudi Med J 34(2):142-146 PMID: 23396459
- Ammari M** et al 2010 - *GFAP expression in the rat brain following sub-chronic exposure to a 900 MHz electromagnetic field signal* Int J Radiat Biol 86(5):367-75 PMID: 20397841
- Ammari M** et al 2008 - *Effect of a chronic GSM 900 MHz exposure on glia in the rat brain* Biomed Pharmacother 62(4):273-81 PMID: 18424058
- Ammari M** et al 2008 - *Effect of head-only sub-chronic and chronic exposure to 900-MHz GSM electromagnetic fields on spatial memory in rats* Brain Inj 22(13-14):1021-9 PMID: 19117181
- Ammari M** et al 2008b - *Exposure to GSM 900 MHz electromagnetic fields affects cerebral cytochrome c oxidase activity* Toxicology 250(1):70-4 PMID: 18585429
- Anderson V & J Rowley** 2007 - *Measurements of skin surface temperature during mobile phone use* Bioelectromagnetics 28:159-62 PMID: 17080453
- Andrzejak R** et al 2008 - *The influence of the call with a mobile phone on heart rate variability parameters in healthy volunteers* Ind Health 46(4):409-17 PMID: 18716391
- Arbabi-Kalati F** et al 2014 - *Effect of mobile phone usage time on total antioxidant capacity of saliva and salivary immunoglobulin a* Iran J Public Health 43(4):480-4 PMID: 26005658
- Archer NP** et al 2016 - *Family-based exome-wide assessment of maternal genetic effects on susceptibility to childhood B-cell acute lymphoblastic leukemia in Hispanics* Cancer 122(23):3697-3704 PMID: 27529658
- Arendash GW** et al 2010 - *Electromagnetic field treatment protects against and reverses cognitive impairment in Alzheimer's disease mice* J Alzheimers Dis 19(1):191-210 PMID: 20061638
- Arnetz BB** et al 2007 - *The effects of 884 MHz GSM wireless communication signals on self-reported symptom and sleep (EEG) - an experimental provocation study* PERS Online 3(7):1148-1150 PMID: 18044740
- Arns M** et al 2007 - *Electroencephalographic, personality, and executive function measures associated with frequent mobile phone use* Int J Neurosci 117(9):1341-60 PMID: 17654096
- Aryal B** et al 2011 - *Effect of Ginseng on Calretinin Expression in Mouse Hippocampus Following Exposure to 835 MHz Radiofrequency* J Ginseng Res 35(2):138-48 PMID: 23717055
- Aslan A** et al 2013 - *Effect of 900MHz electromagnetic fields emitted from cellular phones on fracture healing: an experimental study on rats* Acta Orthop Traumatol Turc 47(4):273-280 PMID: 23999516
- Atay T** et al 2009 - *Effect of Electromagnetic Field Induced by Radio Frequency Waves at 900 MHz on Bone Mineal Density of Iliac Bone Wings* J Craniofac Surg 20(5):1556-60 PMID: 19816295
- Aurora SK** et al 1999 - *The occipital cortex is hyperexcitable in migraine: experimental evidence* Headache 39(7):469-76 PMID: 11279929

- Auvinen A** et al 2002 – *Brain tumors and salivary gland cancers among cellular telephone users* Epidemiology 13(3):356-9 PMID: 11964939
- Avci B** et al 2012 - *Oxidative stress induced by 1.8 GHz radio frequency electromagnetic radiation and effects of garlic extract in rats* Int J Radiat Biol 88(11):799-805 PMID: 22788526
- Aydoğan F** et al 2015 – *The effects of 2100-MHz radiofrequency radiation on nasal mucosa and mucociliary clearance in rats* Int Forum Allergy Rhinol 5(7):626-32 PMID: 25885019
- Aydoğan F** et al 2015 – *The effect of 2100 MHz radiofrequency radiation of a 3G mobile phone on the parotid gland of rats* Am J Otolaryngol 36(1):39-46 PMID: 25456509
- Azadi Oskouyi E** et al 2015 – *Effects of microwaves (950 MHz mobile phone) on Morphometric and apoptotic changes of rabbit epididymis* Andrologia 47(6):700-5 PMID: 25060044
- Baan R** et al 2011 - *Carcinogenicity of radiofrequency electromagnetic fields* Lancet Oncol 12(7):624-6 PMID: 21845765
- Babadi-Akashé Z** et al 2014 – *The relationship between mental health and addiction to mobile phones among university students of Shahrekord, Iran* Addict Health 6(3-4):93-9 PMID: 25984275
- Bae S** 2015 – *The relationships between perceived parenting style, learning motivation, friendship satisfaction, and the addictive use of smartphones with elementary school students of South Korea: Using multivariate latent growth modelling* School Psychology International September 9
- Baghianimoghadam MH** et al 2013 – *Attitude and Usage of Mobile Phone among Students in Yazd University of Medical Science* Iran Red Crescent Med J 15(8):752-4 PMID: 24578848
- Bahreyni Toossi MH** et al 2018 – *Exposure to mobile phone (900-1800 MHz) during pregnancy: tissue oxidative stress after childbirth* J Matern Fetal Neonatal Med 31(10):1298-1303 PMID: 28434276
- Bak M** et al 2010 - *Effects of GSM signals during exposure to event related potentials (ERPs)* Int J Occup Med Environ Health 23(2):191-9 PMID: 20682490
- Balakrishnan K** et al 2014 – *Hsp70 is an independent stress marker among frequent users of mobile phones* J Environ Pathol Toxicol Oncol 33(4):339-47 PMID: 25404380
- Balik HH** et al 2005 – *Some ocular symptoms and sensations experienced by long term users of mobile phones* Pathol Biol (Paris) 53(2):88-91 PMID: 15708652
- Balikci K** et al 2005 – *A survey study on some neurological symptoms and sensations experienced by long term users of mobile phones* Pathol Biol (Paris) 53(1):30-4 PMID: 15620607
- Bamiou DE** et al 2008 - *Mobile telephone use effects on peripheral audiovestibular function: a case-control study* Bioelectromagnetics 29(2):108-17 PMID: 17929266
- Banerjee S** et al 2016 – *Analysis of the genotoxic effects of mobile phone radiation using Buccal Micronucleus Assay: A comparative evaluation* J Clin Diagn Res 10(3):ZC82-5 PMID: 27135009
- Banz-Jansen C** et al 2012 – *Incidence of testicular malignancies and correlation to risk factors in a TESE population of subfertile men* Arch Gynecol Obstet 285(1):247-53 PMID: 21643980
- Baranchuk A** et al 2009 – *Electromagnetic Interference of Communication Devices on ECG Machines* Clin Cardiol 32(10):588-92 PMID: 19824066
- Barcal J** et al 2005 - *Effect of whole-body exposure to high-frequency electromagnetic field on the brain electrogeny in neurodefective and healthy mice* Prague Med Rep 106(1):91-100 PMID: 16007915
- Barchana M** et al 2012 – *Changes in brain glioma incidence and laterality correlates with use of mobile phones – a nationwide population based study in Israel* Asian Pac J Cancer Prev 13(11):5857-63 PMID: 23317269
- Barkana Y** et al 2004 - *Visual field attention is reduced by concomitant hands-free conversation on a cellular telephone* Am J Ophthalmol 138(3):347-53 PMID: 15364215
- Barteri M** et al 2005 – *Structural and kinetic effects of mobile phone microwaves on acetylcholinesterase activity* Biophys Chem 113(3):245-53 PMID: 15620509
- Barth A** et al 2012 – *No effects of short-term exposure to mobile phone electromagnetic fields on human cognitive performance: A meta-analysis* Bioelectromagnetics 33(2):159-65 PMID: 21853449

- Barth A** et al 2008 – *A meta-analysis for neurobehavioral effects due to electromagnetic field exposure emitted by GSM mobile phones* Occup Environ Med 65(5):342-6 PMID: 17928386
- Bartsch H** et al 2010 - *Effect of chronic exposure to a GSM-like signal (mobile phone) on survival of female Sprague-Dawley rats: modulatory effects by month of birth and possibly stage of the solar cycle* Neuro Endocrinol Lett 31(4):457-73 PMID: 20802457
- Barutcu I** et al 2011 – *Do mobile phones pose a potential risk to autonomic modulation of the heart?* Pacing Clin Electrophysiol 34(11):1511-1514 PMID: 21797894
- Bas O** et al 2009 – *900 MHz electromagnetic field exposure affects qualitative and quantitative features of hippocampal pyramidal cells in the adult female rat* Brain Res 1265:178-85 PMID: 19230827
- Bas O** et al 2009 - *Chronic prenatal exposure to the 900 megahertz electromagnetic field induces pyramidal cell loss in the hippocampus of newborn rats* Toxicol Ind Health 25(6):377-84 PMID: 19671630
- Batellier F** et al 2008 – *Effects of exposing chicken eggs to a cell phone in “call” position over the entire incubation period* Theriogenology 69(6):737-45 PMID: 18255134
- Beason RC & P Semm** 2002 – *Responses of neurons to an amplitude modulated microwave stimulus* Neurosci Lett 333(3):175-8 PMID: 12429376
- Bedir R** et al 2015 – *The effect of exposure of rats during prenatal period to radiation spreading from mobile phones on renal development* Ren Fail 37(2):305-9 PMID: 25691088
- Belyaev IY** et al 2009 – *Microwaves from UMTS/GSM mobile phones induce long-lasting inhibition of 53BP1/gamma-H2AX DNA repair foci in human lymphocytes* Bioelectromagnetics 30(2):129-41 PMID: 18839414
- Belyaev IY & YG Grigoriev** 2007 – *Problems in assessment of risks from exposures to microwaves of mobile communication* Radiats Biol Radioecol 47(6):727-32 PMID: 18380333
- Belyaev IY** et al 2006 – *Exposure of rat brain to 915 MHz GSM microwaves induces changes in gene expression but not double stranded DNA breaks or effects on chromatin conformation* Bioelectromagnetics 27(4):295-306 PMID: 16511873
- Belyaev IY** et al 2005 – *915 MHz microwaves and 50 Hz magnetic field affect chromatin conformation and 53BP1foci in human lymphocytes from hypersensitive and healthy persons* Bioelectromagnetics 26(3):173-84 PMID: 15768430
- Berk DR** et al 2011 - *Cellular phone and cellular phone accessory dermatitis due to nickel allergy: report of five cases* Pediatr Dermatol 28(3):327-31 PMID: 21453303
- Bhatt CR** et al 2016 – *Measuring personal exposure from 900 MHz mobile phone base stations in Australia and Belgium using a novel personal distributed exposimeter* Environ Int 92-93:388-97 PMID: 27136346
- Bielsa-Fernández P & B Rodríguez-Martín** 2018 – *[Association between radiation from mobile phones and tumour risk in adults]* Gac Sanit 32(1):81-91 PMID: 28411874
- Bilgici B** et al 2013 - *Effect of 900 MHz radiofrequency radiation on oxidative stress in rat brain and serum* Electromagn Biol Med 32(1):20-9 PMID: 23301880
- Billieux J** et al 2015 – *Is Dysfunctional Use of the Mobile Phone a Behavioural Addiction? Confronting Symptom-Based Versus Process-Based Approaches* Clin Psychol Psychother 22(5):460-8 PMID: 24947201
- Blackman C** 2009 – *Cell phone radiation: Evidence from ELF and RF studies supporting more inclusive risk identification and assessment* Pathophysiology 16(2-3):205-16 PMID: 19264460
- Bodera P** et al 2013 – *Changes in antioxidant capacity of blood due to mutual action of electromagnetic field (1800 MHz) and opioid drug (tramadol) in animal model of persistent inflammatory state* Pharmacol Rep 65(2):421-8 PMID: 23744426
- Boehmert C** et al 2017 – *The effects of precautionary messages about electromagnetic fields from mobile phones and base stations revisited: The role of recipient characteristics* Risk Anal 37(3):583-597 PMID: 27163281
- Borbély AA** et al 1999 - *Pulsed high-frequency electromagnetic field affects human sleep and sleep electroencephalogram.* Neuroscience letters, 275 (3): 207-210 PMID: 10580711

- Bortkiewicz A** et al 2017 – *Mobile phone use and risk for intracranial tumors and salivary gland tumors – A meta-analysis* Int J Occup Med Environ Health 30(1):27-43 PMID: 28220905
- Buckus R** et al 2016 – *Modelling and assessment of the electric field strength caused by mobile phone to the human head* Vojnosanit Pregl 73(6):538-43 PMID: 27498445
- Buckus R** et al 2014 – *The assessment of electromagnetic field radiation exposure for mobile phone users* Vojnosanit Pregl 71(12):1138-43 PMID: 25639003
- Budak GG** et al 2009 - *Effects of intrauterine and extrauterine exposure to GSM-like radiofrequency on distortion product otoacoustic emissions in infant male rabbits* Int J Pediatr Otorhinolaryngol 73(3):391-399 PMID: 19108901
- Budak GG** et al 2009 - *Effects of GSM-like radiofrequency on distortion product otoacoustic emissions of rabbits: comparison of infants versus adults* Int J Pediatr Otorhinolaryngol 73(8):1143-1147 PMID: 19477533
- Burch JB** et al, 2002 – *Melatonin metabolite excretion among cellular telephone users.* Int J Radiat Biol. 78(11):1029-36 PMID: 12456290
- Burgess AP** et al 2016 – *Acute exposure to Terrestrial Trunked Radio (TETRA) has effects on the electroencephalogram and electrocardiogram, consistent with vagal nerve stimulation* Environ Res 150:461-9 PMID: 27419367
- Burlaka A** et al 2013 – *Overproduction of free radical species in embryonal cells exposed to low intensity radiofrequency radiation* Exp Oncol 35(3):219-25 PMID: 24084462
- Calabró E** et al 2012 – *Modulation of heat shock protein response in SH-SY5Y by mobile phone microwaves* World J Biol Chem 3(2):34-40 PMID: 22371824
- Çam ST & N Seyhan** 2012 - *Single-strand DNA breaks in human hair root cells exposed to mobile phone radiation* Int J Radiat Biol 88(5):420-4 PMID: 22348707
- Cammaerts MC** et al 2011 – *Changes in Paramecium caudatum (Protozoa) near a switched-on GSM telephone* Electromagne Biol Med 30(1):57-66 PMID: 21554102
- Cancer Atlas of the United Kingdom and Ireland 1991-2000** – UK National Statistics office
- Cao Z** et al 2000 – *Effects of electromagnetic radiation from handsets of cellular telephone on neurobehavioral function* Wei Sheng Yan Jiu 29(2):102-103 PMID: 12725088
- Cao Z** et al 2000 – *Effects of electromagnetic radiation from cellular telephone handsets on symptoms of neurasthenia* Wei Sheng Yan Jiu 29(6):366-8 PMID: 12520956
- Cardis E** et al 2011 - *Acoustic neuroma risk in relation to mobile telephone use: results of the INTERPHONE international case-control study* Cancer Epidemiol 35(5):453-64 PMID: 21862434
- Cardis E** et al 2011 - *Risk of brain tumours in relation to estimated RF dose from mobile phones: results from five Interphone countries* Occup Environ Med 68(9):631-40 PMID: 21659469
- Cardis E** et al 2011 - *Estimation of RF energy absorbed in the brain from mobile phones in the Interphone Study* Occup Environ Med 68(9):686-93 PMID: 21659468
- Cardis E** et al 2010 – *Brain tumour risk in relation to mobile telephone use: results of the INTERPHONE international case-control study* Int J Epidemiol 39(3):675-94 PMID: 20483835
- Cardis E** et al 2008 – *Distribution of RF energy emitted by mobile phones in anatomical structures of the brain* Phys Med Biol 53(11):2771-2783 PMID: 18451464
- Carlberg M** et al 2016 – *Increasing incidence of thyroid cancer in the Nordic countries with main focus on Swedish data* BMC Cancer Jul 7;16:426 PMID: 27388603
- Carlberg M & L Hardell** 2014 – *Decreased survival of glioma patients with astrocytoma grade IV (glioblastoma multiforme) associated with long-term use of mobile and cordless phones* Int J Res Public Health 11(10):10790-805 PMID: 25325361
- Carlberg M** 2013 - *Meningioma patients diagnosed 2007--2009 and the association with use of mobile and cordless phones: a case--control study* Environ Health 12(1):60 PMID: 23870102
- Carlo G & Schram** 2001 - *Cell Phones: Invisible Hazards in the Wireless Age, 2001* (Carroll & Graf)

- Carrubba S** et al 2010 – *Mobile-phone pulse triggers evoked potentials* Neurosci Lett 469(1):164-8 PMID: 19961898
- Çeliker M** et al 2017 – *Effects of exposure to 2100 MHz GSM-like radiofrequency electromagnetic field on auditory system of rats* Braz J Otorhinolaryngol 83(6):691-696 PMID: 27865708
- Censi F** et al 2007 – *Interference between mobile phones and pacemakers: a look inside* Ann Ist Super Sanita 43(3):254-9 PMID: 17938456
- Cetin H** et al 2014 - *Liver antioxidant stores protect the brain from electromagnetic radiation (900 and 1800 MHz)-induced oxidative stress in rats during pregnancy and the development of offspring* J Matern Fetal Neonatal Med 27(18):1915-21 PMID: 24580725
- Çetkin M** et al 2017 – *Quantitative changes in testicular structure and function in rat exposed to mobile phone radiation* Andrologia 49(10) PMID:28124386
- Charlton A & C Bates** 2000 – *Decline in teenage smoking with rise in mobile phone ownership: hypothesis* BMJ 321(7269):1155 PMID: 11061747
- Chauhan V** et al 2007 - *Analysis of gene expression in two human-derived cell lines exposed in vitro to a 1.9 GHz pulse-modulated radiofrequency field* Proteomics 7(21):3896-905 PMID: 17902192
- Chen AY** et al 2009 – *Increasing incidence of differentiated thyroid cancer in the United States, 1988-2005* Cancer 115(16):3801-7 PMID: 19598221
- Chen C** et al 2014 – *Exposure to 1800 MHz radiofrequency radiation impairs neurite outgrowth of embryonic neural stem cells* Sci Rep 4:5103 PMID: 24869783
- Chen H** et al 2017 – *Effects of simulated mobile phone electromagnetic radiation on fertilization and embryo development* Fetal Pediatr Pathol 36(2):123-129 PMID: 27983879
- Cherry Dr Neil** 2001 - *Cell phone radiation poses serious biological and health risks*
available from: www.neilcherry.com
- Chia SE** et al 2000 - *Prevalence of headache among handheld cellular telephone users in Singapore: a community study* Environ Health Perspect 108(11):1059-62 PMID: 11102297
- Cho YM** et al 2016 – *A cross-sectional study of the association between mobile phone use and symptoms of ill health* Environ Health Toxicol 31:e2016022 PMID: 27788568
- Christ A** et al 2007 - *SAR distribution in human beings when using body-worn RF transmitters* Radiat prot Dosimetry 124(1):6-14 PMID: 17652110
- Christensen HC** et al 2005 – *Cellular telephones and risk for brain tumors: a population-based, incident case-control study* Neurology 64:1189-95 PMID: 15824345
- Chu MK** et al 2011 – *Clinical features of headache associated with mobile phone use: a cross-sectional study in university students* BMC Neurol Sep 26;11:115 PMID: 21943309
- Cinar N** et al 2013 – *What is the impact of electromagnetic waves on epileptic seizures?* Med Sci Monit Basic Res 19:141-5 PMID: 23676765
- Cinel C** et al 2008 – *Exposure to Mobile Phone Electromagnetic Fields and Subjective Symptoms: A Double-Blind Study* Psychosom Med 70(3):345-8 PMID: 18378872
- Cinel C** et al 2007 – *Effects of mobile phone electromagnetic fields on an auditory order threshold task* Bioelectromagnetics 28(6):493-6 PMID: 17492763
- Col-Araz N** 2013 - *Evaluation of factors affecting birth weight and preterm birth in southern Turkey* J Pak Med Assoc 63(4):459-462 PMID: 23905441
- Colip FM** 2013 – *Cell phone induced femoral nerve neuropathy* Kansas Journal of Medicine Commentary pp 84-88
- Colletti V** et al 2011 - *Intraoperative observation of changes in cochlear nerve action potentials during exposure to electromagnetic fields generated by mobile phones* J Neurol Neurosurg Psychiatry 82(7):766-71 PMID: 21172864
- Cook CM** et al 2009 – *Changes in human EEG alpha activity following exposure to two different pulsed magnetic field sequences* Bioelectromagnetics 30(1):9-20 PMID: 18663700

- Cook CM** et al 2006 - *Exposure to ELF magnetic and ELF-modulated radiofrequency fields: the time course of physiological and cognitive effects observed in recent studies (2001-2005)* *Bioelectromagnetics* 27(8):613-27 PMID: 16724317
- Cooke R** et al 2010 - *A case-control study of risk of leukaemia in relation to mobile phone use* *Br J Cancer* 103(11):1729-35 PMID: 20940717
- Cooper JM & DL Strayer** 2008 - *Effects of simulator practice and real-world experience on cell-phone-related driver distraction* *Hum Factors* 50(6):893-902 PMID: 19292012
- Coureau G** et al 2014 - *Mobile phone use and brain tumours in the CERENAT case-control study* *Occup Environ Med* 71(7):514-22 PMID: 24816517
- Cox RA & LM Luxon** 2000 - *Cerebral symptoms from mobile telephones* *Occup Environ Med* 57(6):431 PMID: 10917712
- Cranfield CG** et al 2003 - *Exposure of magnetic bacteria to simulated mobile phone-type RF radiation has no impact on mortality* *IEEE Trans Nanobioscience* 2(3):146-9 PMID: 15376948
- Cranfield CG** et al 2003 - *Preliminary evaluation of nanoscale biogenic magnetite-based ferromagnetic transduction mechanisms for mobile phone bioeffects* *IEEE Trans Nanobioscience* 2(1):40-3 PMID: 15382422
- Croft RJ** et al 2008 - *The effect of mobile phone electromagnetic fields on the alpha rhythm of human electroencephalogram* *Bioelectromagnetics* 29(1):1-10 PMID: 17786925
- Croft RJ** et al 2002 - *Acute mobile phone operation affects neural function in humans* *Clin Neurophysiol* 113(10):1623-32 PMID: 12350439
- Curcio G** et al 2012 - *Effects of mobile phone signals over BOLD response while performing a cognitive task* *Clin Neurophysiol* 123(1):129-36 PMID: 21741302
- Curcio G** et al 2008 - *Psychomotor performance is not influenced by brief repeated exposures to mobile phones* *Bioelectromagnetics* 29(3):237-41 PMID: 18163437
- Curcio G** et al 2005 - *Is the brain influenced by a phone call? An EEG study of resting wakefulness*, *Neurosci Res* 53(3): 265-70 PMID: 16102863
- Dama MS & MN Bhat** 2013 - *Mobile phones affect multiple sperm quality traits: a meta-analysis* *F1000Res* Feb 12;2:40 PMID: 24327874
- D'Ambrosio G** et al 2002 - *Cytogenetic damage in human lymphocytes following GSM phase modulated microwave exposure* *Bioelectromagnetics* 23(1):7-13 PMID: 11793401
- Daniels WM** et al 2009 - *The effect of electromagnetic radiation in the mobile phone range on the behaviour of the rat* *Metab Brain Dis* 24(4):629-41 PMID: 19823925
- Danker-Hopfe H** et al 2016 - *Effects of mobile phone exposure (GSM 900 and WCDMA/UMTS) on polysomnography based sleep quality: An intra- and inter-individual perspective* *Environ Res* 145:50-60 PMID: 26618505
- Danker-Hopfe H** et al 2010 - *Effects of electromagnetic fields emitted by mobile phones (GSM 900 and WCDMA/UMTS) on the macrostructure of sleep* *J Sleep Res* 20(1 Pt 1):73-81 PMID: 20561179
- Daroit NB** et al 2015 - *Cell phone radiation effects on cytogenetic abnormalities of oral mucosal cells* *Braz Oral Res* 29:1-8 PMID: 26486771
- Dasdag S & MZ Akdag** 2016 - *The link between radiofrequencies emitted from wireless technologies and oxidative stress* *J Chem Neuroanat* 75(Pt B):85-93 PMID: 26371078
- Dasdag S** et al 2015 - *Long term and excessive use of 900 MHz radiofrequency radiation alter microRNA expression in brain* *Int J Radiat Biol* 91(4):306-11 PMID: 25529971
- Dasdag S** et al 2012 - *Effect of 900 MHz radio frequency radiation on beta amyloid protein, protein carbonyl, and malondialdehyde in the brain* *Electromagn Biol Med* 31(1):67-74 PMID: 22268730
- Davis DL** et al 2013 - *Swedish review strengthens grounds for concluding that radiation from cellular and cordless phones is a probable human carcinogen* *Pathophysiology* 20(2):123-9 PMID: 23664410
- Dawe AS** et al 2008 - *Continuous wave and simulated GSM exposure at 1.8 W/kg and 1.8 GHz do not induce hsp16-1 heat-shock gene expression in *Caenorhabditis elegans** *Bioelectromagnetics* 29(2):92-9 PMID: 17902155

- D'Costa H** et al 2003 - *Human brain wave activity during exposure to radiofrequency field emissions from mobile phones*, Australas Phys Eng Sci Med 26(4): 162-7 PMID: 14995060
- De Caires Júnior LC** et al 2014 - *Behavior and memory evaluation of Wistar rats exposed to 1.8 GHz radiofrequency electromagnetic radiation* Neurol Res 36(9):800-3 PMID: 24620965
- de Gannes FP** et al 2009 - *Effects of head-only exposure of rats to GSM-900 on blood-brain barrier permeability and neuronal degeneration* Radiat Res 172(3):359-67 PMID: 19708785
- De Iuliis GN** et al 2009 - *Mobile phone radiation induces reactive oxygen species production and DNA damage in human spermatozoa in vitro* PloS One 4(7):e6446 PMID: 19649291
- Deltour I** et al 2009 - *Time trends in brain tumor incidence rates in Denmark, Finland, Norway and Sweden 1974-2003* J Natl Cancer Inst 101(24):1721-4 PMID: 19959779
- Demirci K** et al 2015 - *relationship of smartphone use severity with sleep quality, depression, and anxiety in university students* J Behav Addict 4(2):85-92 PMID: 26132913
- Demirel S** et al 2012 - *Effects of third generation mobile phone-emitted electromagnetic radiation on oxidative stress parameters in eye tissue and blood of rats* Cutan Ocul Toxicol 31(2):89-94 PMID: 22335472
- Denny-Bas V** et al 2014 - *The role of anxiety in the perception of technological hazards - A cross-sectional study on cell phones and masts* Rev Epidemiol Sante Publique 62(2):135-43 PMID: 24646673
- De Pomerai D** et al 2002 - *Growth and maturation of the nematode c.elegans following exposure to weak microwave fields* Enzyme and Microbial Technology 30; pp 73-79
- De Pomerai D** et al 2000 - *Non-thermal heat-shock response to microwaves*. Nature 405: 417-418 PMID: 10839528
- Deshmukh PS** et al 2013 - *Effect of low level microwave radiation exposure on cognitive function and oxidative stress in rats* Indian J Biochem Biophys 50(2):114-9 PMID: 23720885
- De Siqueira EC** et al 2017 - *Does cell phone use increase the chances of parotid gland tumor development? A systematic review and meta-analysis* J Oral Pathol Med 46(7):480-483 PMID: 27935126
- De Tommaso M** et al 2009 - *Mobile phones exposure induces changes of contingent negative variation in humans* Neurosci Lett 464(2):79-83 PMID: 19699778
- De Vocht F** 2016 - *Inferring the 1985-2014 impact of mobile phone use on selected brain cancer subtypes using Bayesian structural time series and synthetic controls* Environ Int 97:100-107 PMID: 27835750
- Diem E** et al 2005 - *Non-thermal DNA breakage by mobile-phone radiation (1800 MHz) in human fibroblasts and in transformed GFSH-R17 rat granulosa cells in vitro* Mutat Res 583(2):178-83 PMID: 15869902
- Dir AL** et al 2013 - *Understanding Differences in Sexting Behaviors Across Gender, Relationship Status, and Sexual Identity, and the Role of Expectancies in Sexting* Cyberpsychol Behav Soc Netw 16(8):568-74 PMID: 23675996
- Divan HA** et al 2012 - *Cell phone use and behavioural problems in young children* J Epidemiol Community Health 66(6):524-9 PMID: 21138897
- Divan HA** et al 2008 - *Prenatal and postnatal exposure to cell phone use and behavioural problems in children* Epidemiology 19(4):523-9 PMID: 18467962
- Djeridane Y** et al 2008 - *Influence of electromagnetic fields emitted by GSM-900 cellular telephones on the circadian patterns of gonadal, adrenal and pituitary hormones in men* Radiat Res 169(3):337-43 PMID: 18302481
- Dobes M** et al 2011 - *Increasing incidence of glioblastoma multiforme and meningioma, and decreasing incidence of Schwannoma (2000-2008): Findings of a multicenter Australian study* Surg Neurol Int 2:176 PMID: 22276231
- Dobes M** et al 2011 - *A multicenter study of primary brain tumor incidence in Australia (2000-2008)* Neuro Oncol 13(7):783-90 PMID: 21727214
- Dogan M** et al 2011 - *Effects of electromagnetic radiation produced by 3G mobile phones on rat brains: magnetic resonance spectroscopy, biochemical, and histopathological evaluation* Hum Exp Toxicol 31(6):557-64 PMID: 21659345
- Dossey L** 2014 - *FOMO, digital dementia, and our dangerous experiment* Explore (NY) 10(2):69-73 PMID: 24607071

- Dovrat A** et al 2005 – *Localized effects of microwave radiation on the intact eye lens in culture conditions* Bioelectromagnetics 26(5):398-405 PMID: 15887253
- Drews FA** et al 2008 – *Passenger and cell phone conversations in simulated driving* J Exp Psychol Appl 14(4):392-400 PMID: 19102621
- Duan Y** et al 2011 – *Correlation between cellular phone use and epithelial parotid gland malignancies* Int J Oral Maxillofac Surg 40(9):966-72 PMID 21474287
- Eapen C** et al 2014 – *Extensor Pollicis Longus Injury in Addition to De Quervain's with Text Messaging on Mobile Phones* J Clin Diagn Res 8(11):LCO1-4 PMID: 25584249
- Eberhardt JL** et al 2008 – *Blood-Brain Barrier Permeability and Nerve Cell Damage in Rat Brain 14 and 28 days after exposure to microwaves from GSM mobile phones* Electromagn Biol Med 27(3):215-29 PMID: 18821198
- Edelstyn N & A Oldershaw** 2002 – *The acute effects of exposure to the electromagnetic field emitted by mobile phones on human attention* Neuroreport 13(1): 119-121 PMID: 11924872
- Ekici B** et al 2016 – *The effects of the duration of mobile phone use on heart rate variability parameters in healthy subjects* Anatol J Cardiol 16(11):833-838 PMID: 27109242
- El-Bediwi AB** et al 2013 – *Influence of electromagnetic radiation produced by mobile phone on some biophysical blood properties in rats* Cell Biochem Biophys 65(3):297-300 PMID: 23054912
- El-Gohary OA & MA Said** 2017 – *Effect of electromagnetic waves from mobile phone on immune status of male rats: possible protective role of vitamin D* Can J Physiol Pharmacol 95(2):151-156 PMID: 27901344
- Eliyahu I** et al 2006 – *Effects of radiofrequency radiation emitted by cellular telephones on the cognitive functions of humans* Bioelectromagnetics 27(2):119-26 PMID: 16304688
- El Kholly SE & EM El Hussein** 2012 – *Effect of 60 minutes exposure to electromagnetic field on fecundity, learning and memory, speed of movement and whole body protein of the fruit fly Drosophila melanogaster* J Egypt Soc Parasitol 42(3):639-48 PMID: 23469637
- Eris AH** et al 2015 – *Effect of short-term 900 MHz low level electromagnetic radiation exposure on blood serotonin and glutamate levels* Bratisl Lek Listy 116(2):101-3 PMID: 25665475
- Erkut A** et al 2016 – *The effect of prenatal exposure to 1800 MHz electromagnetic field on calcineurin and bone development in rats* Acta Cir Bras 31(2):74-83 PMID: 26959616
- Erogul O** et al 2006 – *Effects of electromagnetic radiation from a cellular phone on human sperm motility: an in vitro study* Arch Med Research 2006 Oct;37(7):840-3 PMID: 16971222
- Esen F & H Esen** 2006 – *Effect of electromagnetic fields emitted by cellular phones on the latency of evoked electrodermal activity* Int J Neurosci 116(3):321-9 PMID: 16484058
- Eskander EF** et al 2012 – *How does long term exposure to base stations and mobile phones affect human hormone profiles?* Clin Biochem 45(1-2):157-61 PMID: 22138021
- Esmekaya MA** et al 2011 – *900 MHz pulse-modulated radiofrequency radiation induces oxidative stress on heart, lung, testis and liver tissues* gen Physiol Biophys 30(1):84-9 PMID: 21460416
- Esmekaya MA** et al 2010 – *Pulse modulated 900 MHz radiation induces hypothyroidism and apoptosis in thyroid cells: a light, electron microscopy and immunohistochemical study* Int J Radiat Biol 86(12):1106-16 PMID: 20807179
- Exelmans L & J Van den Bulck** 2016 – *Bedtime mobile phone use and sleep in adults* Soc Sci Med 148:93-101 PMID: 26688552
- Eyvazlou M** et al 2016 – *Association between overuse of mobile phones on quality of sleep and general health among occupational health and safety students* Chronobiol Int 33(3):293-300 PMID: 26942630
- Fakhri Y** et al 2016 – *Survey on different Samsung with Nokia smart mobile phones in the Specific Absorption Rate electrical field of head* Glob J Health Sci 8(9):53967 PMID: 27157169
- Falzone N** et al 2008 – *In vitro effect of pulsed 900 MHz GSM radiation on mitochondrial membrane potential and motility of human spermatozoa* Bioelectromagnetics 29(4):268-76 PMID: 18163440
- Fattahi-Asl J** et al 2012 – *Effects of radiofrequency radiation on human ferritin: an in vitro enzymun assay* J Med Signals Sens 2(4):235-40 PMID: 23724375

- Fayos-Fernandez J** et al 2006 - *Effect of pierced metallic objects on SAR distributions at 900 MHz* Bioelectromagnetics 27(5):337-53 PMID: 16724318
- Fejes I** et al 2005 - *Is there a relationship between cell phone use and semen quality?* Arch Androl 51(5): 385-93 PMID: 16087567
- Ferreira AR** et al 2006 - *Ultra high frequency-electromagnetic field irradiation during pregnancy leads to an increase in erythrocytes micronuclei incidence in rat offspring* Life Sci 80(1):43-50 PMID: 16978664
- Ferreri F** et al 2006 - *Mobile phone emissions and human brain excitability* Ann Neurol 60(2):188-96 PMID: 16802289
- Font R** et al 2011 - *Thermogravimetric kinetic analysis and pollutant evolution during the pyrolysis and combustion of mobile phone case* Chemosphere 85(3):516-24 PMID: 21906775
- Fragopoulou AF** et al 2010 - *Whole body exposure with GSM 900MHz affects spatial memory in mice* Pathophysiology 17(3):179-87 PMID: 19954937
- Fragopoulou AF** et al 2009 - *Cranial and postcranial skeletal variations induced in mouse embryos by mobile phone radiation* Pathophysiology 17(3):169-77 PMID: 19854628
- Franzellitti S** et al 2010 - *Transient DNA damage induced by high frequency electromagnetic fields (GSM 1.8GHz) in the human trophoblast HTR-8/SVneo cell line evaluated with the alkaline Comet assay* Mutat Res 683(1-2):35-42 PMID: 19822160
- Franzellitti S** et al 2008 - *HSP70 Expression in Human Trophoblast cells exposed to different 1.8 GHz mobile phone signals* Rad Res 170(4):488-497 PMID: 19024656
- Frei P** et al 2011 - *Use of mobile phones and risk of brain tumours: update of Danish cohort study* BMJ 343:d6387 PMID: 22016439
- French PW** et al 2001 - *Mobile phones, heat shock proteins and cancer* Differentiation 67(4-5):93-7 PMID: 11683499
- Freude G** et al 2000 - *Microwaves emitted by cellular telephones affect human slow brain potentials.* Eur J Appl Physiol. 81(1-2), 18-27 PMID: 10552262
- Friedman J** et al 2007 - *Mechanism of short term ERK activation by electromagnetic fields at mobile phone frequencies* Biochem J 405(3):559-68 PMID: 17456048
- Gadhia PK** et al 2003 - *A preliminary study to assess possible chromosomal damage among users of digital mobile phones* Electromagn Biol Med 22(2-3):149-159
- Gajski G** et al 2009 - *Radioprotective effects of honeybee venom (Apis mellifera) against 915-MHz microwave radiation-induced DNA damage in wistar rat lymphocytes: in vitro study* Int J Toxicol 28(2):88-98 PMID: 19482833
- Gandhi G & P Singh** 2005 - *Cytogenetic damage in mobile phone users: preliminary data* Int J Hum Genet 5(4):259-265
- G Gandhi & A Gandhi** 2005 - *Genetic damage in mobile phone users: some preliminary findings* Indian J Hum Genet 11(2):99-104
- Gao X** et al 2013 - *[Interference of vitamin E on the brain tissue damage by electromagnetic radiation of cell phone in pregnant and fetal rats]* Wei Sheng Yan Jiu 42(4):642-6 PMID: 24024380
- Gerner C** et al 2010 - *Increased protein synthesis by cells exposed to a 1,800-MHz radio-frequency mobile phone electromagnetic field, detected by proteome profiling* Int Arch Occup Environ Health 83(6):691-702 PMID: 20145945
- Ghanmi A** et al 2014 - *Analysis of the influence of handset phone position on RF exposure of brain tissue* Bioelectromagnetics 35(8):568-79 PMID: 25263784
- Ghosn R** et al 2015 - *Radiofrequency signal affects alpha band in resting electroencephalogram* J Neurophysiol 113(7):2753-9 PMID: 25695646
- Giota KG & G Kleftras** 2013 - *The role of personality and depression in problematic use of social networking sites in Greece* Cyberpsychology 7(3), article 6

- Goldberg G** 2006 – Would you put your head in a microwave oven? – 2.46 Gigahertz microwave radiation: and emerging healthcare crisis ISBN 1425904807
- Goldwein) & DJ Aframian** 2010 - *The influence of handheld mobile phones on human parotid gland secretion* Oral Dis 16(2):146-50 PMID: 19744173
- Gong X** et al 2014 – *[Long-term use of mobile phone and its association with glioma: a systematic review and meta-analysis]* Zhonghua Yi Xue Za Zhi 94(39):3102-6 PMID: 25549689
- Goodwin AH** et al 2012 - *Effect of North Carolina's restriction on teenage driver cell phone use two years after implementation* Accid Anal Prev 48:363-7 PMID: 22664702
- Gorpinchenko I** et al 2014 – *The influence of direct mobile phone radiation on sperm quality* Cent European J Urol 67(1):65-71 PMID: 24982785
- Grafström G** et al 2008 – *Histopathological examinations of rat brains after long-term exposure to GSM-900 mobile phone radiation* Brain Res Bull 77(5):257-63 PMID: 18782606
- Grell K** et al 2016 – *The Intercranial distribution of gliomas in relation to exposure from mobile phones: Analyses from the INTERPHONE study* Am J Epidemiol 184(11):818-828 PMID: 27810856
- Grigoriev YG** 2014 – *[Fundamentally new electromagnetic pollution and the lack of adequate regulatory framework – on the risk assessment (analysis of modern domestic and foreign data)]* Gig Sanit May-Jun;(3):11-6 PMID: 25306691
- Grigor'ev Iug** 2003 - *Biological effects of mobile phone electromagnetic field on chick embryo (risk assessment using the mortality rate)* Radiats Biol Radioecol 43(5):541-3 PMID: 14658287
- Gryz K** et al 2013 - *[Measurement and assessment of electromagnetic fields near radiophones in line with provisions of European Directive 2013/35/EU and Polish labour law]* Med Pr 64(5):671-80 PMID: 24502130
- Gul A** et al 2009 – *The effects of microwave emitted by cellular phones on ovarian follicles in rats* Arch Gynecol Obstet 280(5):729-33 PMID: 19241083
- Gutschi T** et al 2011 – *Impact of cell phone use on men's semen parameters* Andrologia 43(5):312-6 PMID: 21951197
- Haarala C** et al 2007 – *Pulsed and continuous wave mobile phone exposure over left versus right hemisphere: effects on human cognitive function* Bioelectromagnetics 28(4):289-95 PMID: 17203481
- Haarala C** et al 2005 – *Electromagnetic field emitted by 902 MHz mobile phones shows no effects on children's cognitive function* Bioelectromagnetics Suppl 7:S144-50 PMID: 16059918
- Haarala C** et al 2004 – *902 MHz mobile phone does not affect short term memory in humans* Bioelectromagnetics 25(6):452-6 PMID: 15300731
- Haarala C** et al 2003 – *Effect of a 902 MHz electromagnetic field emitted by mobile phones on human cognitive function: A replication study* Bioelectromagnetics 24(4): 283-8 PMID: 12696088
- Haarala C** et al 2003 – *Effects of a 902 MHz mobile phone on cerebral blood flow in humans: A PET study* Neuroreport 14: 2019-2023 PMID: 14600490
- Habash RW** et al 2009 – *Recent advances in research on radiofrequency fields and health: 2004-2007* J Toxicol Environ Health B Crit Rev 12(4):250-88 PMID: 20183523
- Haghani M** et al 2013 - *Maternal mobile phone exposure adversely affects the electrophysiological properties of Purkinje neurons in rat offspring* Neuroscience 250:588-98 PMID: 2390663
- Halgamuge MN** 2017 – *Review: weak radiofrequency radiation exposure from mobile phone radiation on plants* Electromagn Biol Med 36(2):213-235 PMID: 27650031
- Hallberg O** 2007 – *Adverse health indicators correlating with sparsely populated areas in Sweden* Eur J Cancer Prev 16(1):71-6 PMID: 17220707
- Hamblin DL** et al 2004 – *Examining the effects of electromagnetic fields emitted by GSM mobile phones on human event-related potentials and performance during an auditory task* Clin Neurophysiol 115(1):171-8 PMID: 14706485

- Hamzany Y** et al 2013 - *Is human saliva an indicator of the adverse health effects of using mobile phones?* Antioxid Redox Signal 18(6):622-7 PMID: 22894683
- Hancı H** et al 2013 - *The effect of prenatal exposure to 900-MHz electromagnetic field on the 21-old-day rat testicle* Reprod Toxicol 42:203-9 PMID: 24095929
- Hans N & FN Kapadia** 2008 - *Effects of mobile phone use on specific intensive care unit devices* Indian J Crit Care Med 12(4):170-3 PMID: 19742260
- Hao D** et al 2013 - *Effects of long-term electromagnetic field exposure on spatial learning and memory in rats* Neurol Sci 34(2):157-64 PMID: 22362331
- Harbo Poulsen A** 2012 - *Mobile phones and multiple sclerosis - a nationwide cohort study in denmark* PloS One 7(4):e34453 PMID: 22558088
- Hardell L & M Carlberg** 2015 - *Increasing rates of brain tumours in the Swedish National Inpatient Register and the Causes of death Register* Int J Environ Res Public Health 12(4):3793-813 PMID: 25854296
- Hardell L & M Carlberg** 2015b - *Mobile phone and cordless phone use and the risk for glioma - Analysis of pooled case-control studies in Sweden, 1997-2003 and 2007-2009* Pathophysiology 22(1):1-13 PMID: 25466607
- Hardell L & M Carlberg** 2013 - *Using the Hill viewpoints from 1965 for evaluating strengths of evidence of the risk for brain tumors associated with use of mobile and cordless phones* Rev Environ Health 28(2-3):97-106 PMID: 24192496
- Hardell L** et al 2013c - *Case-control study of the association between malignant brain tumours diagnosed between 2007 and 2009 and mobile and cordless phone use* Int J Oncol 43(6):1833-45 PMID: 24064953
- Hardell L** et al 2013 - *Pooled analysis of case-control studies on acoustic neuroma diagnosed 1997-2003 and 2007-2009 and use of mobile and cordless phones* Int J Oncol 43(4):1036-44 PMID: 23877578
- Hardell L** et al 2013 - *Use of mobile phones and cordless phones is associated with increased risk for glioma and acoustic neuroma* Pathophysiology 20(2):85-110 PMID: 23261330
- Hardell L** et al 2011 - *Case-control study on the use of mobile and cordless phones and the risk for malignant melanoma in the head and neck region* Pathophysiology 18(4):325-33 PMID: 21764571
- Hardell L** et al 2011 - *Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects* Int J Oncol 38(5):1465-74 PMID: 21331446
- Hardell L** et al 2010 - *Exposure to wireless phone emissions and serum beta-trace protein* Int J Mol Med 26(2):301-6 PMID: 20596612
- Hardell L** et al 2010 - *Mobile Phone Use and the Risk for Malignant Brain Tumors: A Case-Control Study on Deceased Cases and Controls* Neuroepidemiology 35(2):109-114 PMID: 20551697
- Hardell L** et al 2009 - *Epidemiological evidence for an association between use of wireless phones and tumor diseases* Pathophysiology 16(2-3):113-122 PMID: 19268551
- Hardell L & M Carlberg** 2009 - *Mobile phones, cordless phones and the risk for brain tumours* Int J Oncol 35(1):5-17 PMID: 19513546
- Hardell L** et al 2008 - *Meta-analysis of long-term mobile phone use and the association with brain tumours* Int J Oncol 32(5):1097-103 PMID: 18425337
- Hardell L** et al 2006b - *Pooled analysis of two case-control studies on use of cellular and cordless telephones and the risk for malignant brain tumours diagnosed in 1997-2003* Int Arch Occup Environ Health 79:630-9 PMID: 16541280
- Hardell L** et al 2006 - *Pooled analysis of two case-control studies on the use of cellular and cordless telephones and the risk of benign brain tumours diagnosed during 1997-2003* Int J Oncol 28:509-518 PMID: 16391807
- Hardell L** et al 2006 - *Case-control study of the association between the use of cellular and cordless telephones and malignant brain tumors diagnosed during 2000-2003* Environ Res 100(2):232-41 PMID: 16023098
- Hardell L** et al 2006 - *Tumour risk associated with use of cellular telephones or cordless desktop telephones* World Journal of Surgical Oncology 4: 74 PMID: 17034627

- Hardell L** et al 2005 – *Case-control study on cellular and cordless telephones and the risk for acoustic neuroma or meningioma in patients diagnosed 2000-2003* Neuroepidemiology 25(3):120-8 PMID: 15956809
- Hardell L** et al 2005 – *Use of cellular telephones and brain tumour risk in urban and rural areas* Occup Environ Med 62(6):390-4 PMID: 15901886
- Hardell L** et al 2004 – *Cellular and cordless telephone use and the association with brain tumors in different age groups* Arch Environ Health 59(3):132-7 PMID: 16121902
- Hardell L** et al 2003 - *Further aspects on cellular and cordless phones and brain tumours, An update on their earlier study* Int. J Oncol 22(2):399-407 PMID: 12527940
- Hardell L** et al 2003 - *Vestibular schwannoma, tinnitus and cellular telephones* Neuroepidemiology 22(2):124-9 PMID: 12629278
- Hardell L** et al 2002 - *Cellular and cordless telephones and the risk for brain tumours*, Eur J Cancer Prev 11(4):377-386 PMID: 12195165
- Hardell L** 2002 - *Use of cellular telephones and the risk for astrocytoma*, International Journal of Radiation Biology
- Hardell L** et al 2002 – *Case-control study on the use of cellular and cordless phones and the risk for malignant brain tumours* Int J Radiat Biol 78(10):931-6 PMID: 12465658
- Hardell L** et al 2001 - *Ionizing Radiation, cellular telephones and the risk for brain tumours* Eur J Cancer Prev10(6):523-9 PMID: 11916351
- Hardell L** et al 2000 - *Case-control study on radiological work, medical X-ray investigations, and use of cellular telephones as risk factors for brain tumours*. MedGenMed, 2(2):E2 PMID: 11104448
- Hartikka H** et al 2009 – *Mobile phone use and location of glioma: a case-case analysis* Bioelectromagnetics 30(3):176-82 PMID: 19142876
- Harvey C & P W French** 2000 - *Effects on protein kinase C and gene expression in a human mast cell line, HMC-1, following microwave exposure* Cell Biology International 23(11); 739-48 PMID: 10736198
- Hashemipour MS** et al 2014 – *Effect of mobile phone use on salivary concentrations of protein, amylase, lipase, immunoglobulin A, lysozyme, lactoferrin, peroxidase and C-reactive protein of the parotid gland* J Laryngol Otol 128(5):454-62 PMID: 24739140
- Heikkinen P** et al 2003 – *effects of mobile phone radiation on UV-induced skin tumourigenesis in ornithine decarboxylase transgenic and non-transgenic mice* Int J Radiat Biol 79(4):221-33 PMID: 12775446
- Hekmat A** et al 2013 - *The toxic effects of mobile phone radiofrequency (940MHz) on the structure of calf thymus DNA* Ecotoxicol Environ Saf 88:35-41 PMID: 23164448
- Henshaw D** 2002 - *Health Effects of EMFs - Evidence and Mechanisms*, available free at www.electric-fields.bris.ac.uk
- Hepworth S J** et al 2006 - *Mobile phone use and risk of glioma in adults: case-control study* BMJ 332(7546):883-7 PMID: 16428250
- Hidisoglu E** et al 2016 – *2100-MHz electromagnetic fields have different effects on visual evoked potentials and oxidant/antioxidant status depending on exposure duration* Brain Res 1635:1-11 PMID: 26776477
- Hietanen M & V Sibakov** 2007 – *Electromagnetic interference from GSM and TETRA phones with life-support medical devices* Ann 1st Super Sanita 43(3):204-7 PMID: 17938449
- Hillert L** et al 2008 – *The effects of 884 MHz GSM wireless communication signals on headache and other symptoms: An experimental provocation study* Bioelectromagnetics 29(3):185-96 PMID: 18044740
- Hillert L** et al 2006 – *Call-related factors influencing output power from mobile phones* J Expo Sci Environ Epidemiol 16(6):507-14 PMID: 16670713
- Hinrichs H & HJ Heinze** 2004 - *Effects of GSM electromagnetic field on the MEG during an encoding-retrieval task* Neuroreport 15(7):1191-4 PMID: 15129172
- Hinrikus H** et al 2011 - *Parametric mechanism of excitation of the electroencephalographic rhythms by modulated microwave radiation* Int J Radiat Biol 87(11):1077-85 PMID: 21913816

- Hirata A** et al 2010 - *Acute Dosimetry and estimation of threshold Inducing Behavioral Signs of Thermal Stress in Rabbits at 2.45-GHz Microwave Exposure* IEEE Trans Biomed Eng 57(5):1234-42 PMID: 20172806
- Hocking B & R Westerman** 2002 - *Neurological changes induced by a mobile phone* Occup Med (Lond) 52(7):413-5 PMID: 12422029
- Hondou Tsuyoshi** 2002 - *Rising Level of Public Exposure to Mobile Phones: Accumulation through Additivity and Reflectivity*, Journal Physical Society of Japan 71:432-435
- Hossain MI** et al 2015 - *Analysis on the effect of distances and inclination angles between human head and mobile phone on SAR* Prog Biophys Mol Biol 119(2):103-10 PMID: 25863147
- Hou Q** et al 2014 - *Oxidative changes and apoptosis induced by 1800-MHz electromagnetic radiation in NIH/3T3 cells* Electromagn Biol Med 34(1):85-92 PMID: 24665905
- Hours M** et al 2007 - *[Cell phones and risk of brain and acoustic nerve tumours: the French INTERPHONE case-control study]* Rev Epidemiol Sante Publique 55(5):321-32 PMID: 17851009
- Houston BJ** et al 2016 - *The effects of radiofrequency electromagnetic radiation on sperm function* Reproduction 152(6):R263-R276 PMID: 27601711
- Höytö A** et al 2008a - *Proliferation, oxidative stress and cell death in cells exposed to 872 MHz radiofrequency radiation and oxidants* Radiat Res 170(2):235-43 PMID: 18666817
- Höytö A** et al 2008b - *Radiofrequency radiation does not significantly affect ornithine decarboxylase activity, proliferation, or caspase-3 activity of fibroblasts in different physiological conditions* Int J Radiat Biol 84(9):727-33 PMID: 18821386
- Huang TQ** et al 2008 - *Molecular responses of Jurkat T-cells to 1763 MHz radiofrequency radiation* Int J Radiat Biol 84(9):734-41 PMID: 18821387
- Huber R** et al 2005 - *Exposure to pulse-modulated radio frequency electromagnetic fields affects regional cerebral blood flow* Eur J Neurosci 21(4):1000-6 PMID: 15787706
- Huber R** et al 2003 - *Radio frequency electromagnetic field exposure in humans: Estimation of SAR distribution in the brain, effects on sleep and heart rate* Bioelectromagnetics 24(4):262-76 PMID: 12696086
- Huber R** et al 2002 - *Electromagnetic fields, such as those from mobile phones, alter regional cerebral blood flow and sleep and waking EEG* J Sleep Res 11: 289-295 PMID: 12464096
- Huber R** et al 2000 - *Exposure to pulsed high-frequency electromagnetic field during waking affects human sleep EEG* Neuroreport 11(15):3321-5 PMID: 11059895
- Hung CS** et al 2007 - *Mobile phone 'talk-mode' signal delays EEG-determined sleep onset* Neurosci Lett 421(1):82-6 PMID: 17548154
- Huss A** et al 2006 - *Source of Funding and Results of Studies of Health Effects of Mobile Phone Use: Systematic Review of Experimental Studies* Cien Saude Colet 13(3):1005-12 PMID: 18813593
- Hussein S** et al 2016 - *Biochemical and histological studies on adverse effects of mobile phone radiation on rat's brain* J Chem Neuroanat 78:10-19 PMID: 27474378
- Hutter HP** et al 2010 - *Tinnitus and mobile phone use* Occup Environ Med 67(12):804-8 PMID: 20573849
- Hyland G** 2000 - *Physics and Biology of Mobile Telephony* The Lancet 356(9244):1833-6 PMID: 11117927
- Iakimenko IL** et al 2011 - *[Metabolic changes in cells under electromagnetic radiation of mobile communication systems]* Ukr Biokhim Zh 83(2):20-8 PMID: 21851043
- Ingole IV & SK Ghosh** 2012 - *Effect of exposure to radio frequency radiation emitted by cell phone on the developing dorsal root ganglion of chick embryo: a light microscopic study* Nepal Med Coll J 14(4):337-41 PMID: 24579548
- Interphone** 2010 - *Brain tumour risk in relation to mobile telephone use: results of the INTERPHONE international case-control study* Int J Epidemiol 39(3):675-94 PMID: 20483835
- Irmak MK** et al 2002 - *Effects of electromagnetic radiation from a cellular telephone on the oxidant and antioxidant levels in rabbits* Cell Biochem Funct 20(4):279-83 PMID: 12415560

- Jelodar G** et al 2013 – *The prophylactic effect of vitamin C in induced oxidative stress in rat testis following exposure to 900 MHz radio frequency wave generated by a BTS antenna model* Electromagn Biol Med 32(3):409-16 PMID: 23323690
- Jha MK** et al 2013 - *Recovery of lithium and cobalt from waste lithium ion batteries of mobile phone* Waste Manag 33(9):1890-7 PMID: 23773705
- Ji S** et al 2004 – *DNA damage of Lymphocytes in Volunteers after 4 hours Use of Mobile Phone* J Prev Med Public Health 37(4):373-80 PMID: 25175620
- Jin YB** et al 2011 - *One-year, simultaneous combined exposure of CDMA and WCDMA radiofrequency electromagnetic fields to rats* Int J Radiat Biol 87(4):416-23 PMID: 21171939
- Jing J** et al 2012 – *The influence of microwave radiation from cellular phone on fetal rat brain* Electromagn Biol Med 31(1):57-66 PMID: 22268709
- Johansen C** et al 2002 – *Mobile phones and malignant melanoma of the eye* Br J Cancer 86(3):348-9 PMID: 11875697
- Johansson A** et al 2008 – *No effect of mobile phone-like exposure on patients with atopic dermatitis* Bioelectromagnetics 29(5):353-62 PMID: 18240288
- Joó E** et al 2006 – *Metal-framed spectacles and implants and specific absorption rate among adults and children using mobile phones at 900/1800/2100 MHz* Electromagn Biol Med 25(2): 103-12 PMID: 16771299
- Jurewicz J** et al 2014 – *Lifestyle and semen quality: role of modifiable risk factors* Syst Biol Reprod Med 60(1):43-51 PMID: 24074254
- Kahya MC** et al 2014 – *Selenium reduces mobile phone (900 MHz)-induced oxidative stress, mitochondrial function, and apoptosis in breast cancer cells* Biol Trace Elem Res 160(2):285-93 PMID: 24965080
- Kapdi M** et al 2008 - *Health hazards of mobile phones: an Indian perspective* J Assoc Physicians India 56:893-7 PMID: 19263689
- Kaplan S** et al 2016 – *Electromagnetic field and brain development* J Chem Neuroanat 75(Pt B):52-61 PMID: 26686296
- Karaca E** et al 2011 - *The genotoxic effect of radiofrequency waves on mouse brain* J Neurooncol 106(1):53-8 PMID: 21732071
- Karaman MI** et al 2014 – *The effects of electromagnetic waves emitted by the cell phones on the testicular tissue* Arch Ital Urol Androl 86(4):274-7 PMID: 25641450
- Karinen A** et al 2008 – *Mobile phone radiation might alter protein expression in human skin* BMC Genomics Feb 11; 9:77 PMID: 18267023
- Kayabasoglu G** et al 2010 – *Effect of chronic exposure to cellular telephone electromagnetic fields on hearing in rats* J Laryngol Otol 125(4):348-53 PMID: 21059276
- Keetley V** et al 2006 – *Neuropsychological sequelae of digital mobile phone exposure in humans* Neuropsychologia 44(10):1843-8 PMID: 16616941
- Kelsh MA** et al 2010 – *Measured radiofrequency exposure during various mobile-phone use scenarios* J Expo Sci Environ Epidemiol 21(4):343-54 PMID: 20551994
- Kerimoğlu G** et al 2016 – *Effects of long-term exposure to 900 megahertz electromagnetic field on heart morphology and biochemistry of male adolescent rats* Biotech Histochem 11:1-10 PMID: 27715326
- Kerimoğlu G** et al 2016 – *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* J Chem Neuroanat 77:169-175 PMID: 27430379
- Kesari KK** et al 2014 – *Effect of 3G cell phone exposure with computer controlled 2-D stepper motor on non-thermal activation of the hsp27/p38MAPK stress pathway in rat brain* Cell Biochem Biophys 68(2):347-58 PMID: 23949848
- Kesari KK** et al 2013 - *Cell phone radiation exposure on brain and associated biological systems* Indian J Exp Biol 51(3):187-200 PMID: 23678539

- Kesari KK** et al 2013 – *Biophysical evaluation of radiofrequency electromagnetic field effects on male reproductive pattern* Cell Biochem Biophys 65(2):85-96 PMID: 22926544
- Kesari KK** et al 2011 – *Effects of Radiofrequency Electromagnetic Wave Exposure from Cellular Phones on the Reproductive Pattern in Male Wistar Rats* Appl Biochem Biotechnol 164(4):546-59 PMID: 21240569
- Kesari KK** et al 2011 - *900-MHz microwave radiation promotes oxidation in rat brain* Electromagn Biol Med 30(4):219-34 PMID: 22047460
- Khan MM** 2008 – *Adverse effects of excessive mobile phone use* Int J Occup Med Environ Health 21(4):289-93 PMID: 19228576
- Khullar S** et al 2013 – *Auditory brainstem responses and EMFs generated by mobile phones* Indian J Otolaryngol Head Neck Surg 65(Suppl 3):645-9 PMID: 24427730
- Khurana VG** et al 2009 – *Cell phones and brain tumors: a review including the long-term epidemiologic data* Surg Neurol 72(3):205-14 PMID: 19328536
- Kim JY** et al 2008 - *In vitro assessment of clastogenicity of mobile-phone radiation (835 MHz) using the alkaline comet assay and chromosomal aberration test* Environ Toxicol 23(3):319-27 PMID: 18214898
- Kim K** et al 2014 - *Risk perception and public concerns of electromagnetic waves from cellular phones in Korea* Bioelectromagnetics 35(4):235-44 PMID: 24500860
- Kimata H** 2002 - *Enhancement of allergic skin wheal responses by microwave radiation from mobile phones in patients with atopic eczema/dermatitis syndrome* Int Arch Allergy Immunol 129(4):348-50 PMID: 12483040
- King AL** et al 2014 – *“Nomophobia”: impact of cell phone use interfering with symptoms and emotions of individuals with panic disorder compared with a control group* Clin Pract Epidemiol Ment Health 10:28-35 PMID: 24669231
- Koca O** et al 2014 – *A new problem in inflammatory bladder diseases: Use of mobile phones!* Int Braz J Urol 40(4):520-525 PMID: 25251956
- Koca O** et al 2013 - *Effects of intensive cell phone (Philips Genic 900) use on the rat kidney tissue* Urol J 10(2):886-91 PMID: 23801472
- Koivisto M** et al 2001 – *GSM phone signal does not produce subjective symptoms* Bioelectromagnetics 22(3):212-5 PMID: 11255218
- Koivisto M** et al 2000 – *Effects of 902MHz electromagnetic field emitted by cellular telephones on response times in humans* Neuroreport 11(2):413-5 PMID: 10674497
- Koivisto M** et al 2000 – *Effects of electromagnetic field emitted by GSM phones on working memory* Neuroreport 11(8):1641-3 PMID: 10757515
- Kolesnyk IuM** et al 2008 – *[Effect of mobile phone electromagnetic emission on characteristics of cerebral blood circulation and neurohumoral regulations in humans]* Fiziol Zh 54(2):90-3 PMID: 18589692
- Korpinen L & R Pääkkönen** 2012 - *Accidents and close call situations connected to the use of mobile phones* Accid Anal Prev 45(2):75-82 PMID: 22269487
- Kositsky NN** et al 2001 - *Influence of High-frequency Electromagnetic Radiation at Non-thermal Intensities on the Human Body*
- Kouchaki E** et al 2016 – *Effect of mobile phone radiation on pentylenetetrazole-induced seizure threshold in mice* Iran J Basic Med Sci 19(7):800-3 PMID: 27635206
- Koyu A** et al 2009 – *The protective effect of caffeic acid phenethyl ester (CAPE) on oxidative stress in rat liver exposed to the 900 MHz electromagnetic field* Toxicol Ind Health 25(6):429-34 PMID: 19671636
- Kramarenko AV & U Tan** 2003 – *Effects of high-frequency electromagnetic fields on human EEG: a brain mapping study* Int J Neurosci 113(7):1007-19 PMID: 12881192
- Krause CM** et al 2007 – *Effects of pulsed and continuous wave 902 MHz mobile phone exposure on brain oscillatory activity during cognitive processing* Bioelectromagnetics 28(4):296-308 PMID: 17203478
- Krause CM** et al 2006 - *Mobile phone effects on children's event-related oscillatory EEG during an auditory memory task* Int J Radiat Biol 82(6): 443-50 PMID: 16846979

- Krause CM** et al 2004 – *Effects of electromagnetic field emitted by cellular phones on the EEG during an auditory memory task: a double blind replication study* Bioelectromagnetics 25(1):33-40 PMID: 14696051
- Krause CM** et al 2000 - *Effects of electromagnetic fields emitted by cellular phones on the electroencephalogram during a visual working memory task.* Int J Radiat Biol 76(12):1659-67 PMID: 11133048
- Krause CM** et al 2000 - *Effects of electromagnetic field emitted by a cellular phone on the EEG during a memory task.* Neuroreport 11 (4); 761-4 PMID: 10757515
- Küçer N & T Pamukçu** 2014 – *Self-reported symptoms associated with exposure to electromagnetic fields: a questionnaire study* Electromagn Biol Med 33(1):15-7 PMID: 23730819
- Küçer N** 2008 – *Some ocular symptoms experienced by users of mobile phones* Electromagn Biol Med 27(2):205-9 PMID: 18568938
- Kumar G** et al 2010 – *Evaluation of hematopoietic system effects after in vitro radiofrequency radiation exposure in rats* Int J Radiat Biol 87(2):231-40 PMID: 21050077
- Kumar NR** et al 2011 – *Exposure to cell phone radiations produces biochemical changes in worker honey bees* Toxicol Int 18(1):70-2 PMID: 21430927
- Kumar S** et al 2014 – *Effect of electromagnetic irradiation produced by 3G mobile phone on male rat reproductive system in a simulated scenario* Indian J Exp Biol 52(9):890-7 PMID: 25241589
- Kumari K** et al 2012 – *radiofrequency electromagnetic field exposure effects on antioxidant enzymes and liver function tests* International Journal of Life Sciences 1(3):233-239 DOI: 10.5958/j.2319-118X.1.3.021
- Kumlin T** et al 2007 - *Mobile phone radiation and the developing brain: behavioral and morphological effects in juvenile rats* Radiat Res 168(4):471-9 PMID: 17903040
- Kundi M** 2009 - *The Controversy about a Possible Relationship between Mobile Phone Use and Cancer* Environ Health Perspect 117(3):316-24 PMID: 19337502
- Kundi M** 2004 - *Mobile phone use and cancer* Occup Environ Med 61:560-570 PMID: 15150403
- Kundi M** 2004 - *Mobile telephones and cancer - a review of epidemiological evidence* J Toxicol Environ Health B Crit Rev 7(5):351-384 PMID: 15371240
- Kwee S** et al 2001 – *Changes in cellular proteins due to environmental non-ionizing radiation I. Heat-shock proteins* Electro- and Magnetobiology 20:141-152
- Kwon D** et al 2016 – *Scalable video streaming relay for smart mobile devices in wireless networks* PLoS One 11(12):e0167403 PMID: 27907113
- Kwon MS** et al 2011 - *GSM mobile phone radiation suppresses brain glucose metabolism* J Cereb Blood Flow Metab 31(12):2293-301 PMID: 21915135
- Kwon MS** et al 2010 – *No effects of mobile phone electromagnetic field on auditory brain stem response* Bioelectromagnetics 31(1):48-55 PMID: 19610044
- Laatar R** et al 2017 – *the effect of cell phone use on postural balance and mobility in older compared to young adults* Physiol Behav 173:293-297 PMID: 28238776
- Lagorio S & M Röösl** 2014 – *Mobile phone use and risk of intracranial tumors: a consistency analysis* Bioelectromagnetics 35(2):79-90 PMID: 24375548
- Lahkola A** et al 2007 – *Mobile phone use and risk of glioma in 5 North European countries* Int J Cancer 120(8):1769-75 PMID: 17230523
- Lai H** 2004 – *Interaction of microwaves and a temporally incoherent magnetic field on spatial learning in the rat* Physiol Behav 82(5):785-9 PMID: 15451642
- (Wang B) & H Lai** 2000 – *Acute exposure to pulsed 2450-MHz microwaves affects water-maze performance of rats* Bioelectromagnetics 21(1):52-6 PMID: 10615092
- Lamberg EM & LM Muratori** 2012 - *Cell phones change the way we walk* Gait Posture 35(4):688-90 PMID: 22226937
- Lantow M** et al 2006 – *Comparative study of cell cycle kinetics and induction of apoptosis or necrosis after exposure of human mono mac 6 cells to radiofrequency radiation* Radiat Res 166(3):539-43 PMID: 16953672

- Larjavaara S** et al 2011 – *Location of gliomas in relation to mobile telephone use: a case-case and case-specular analysis* Am J Epidemiol 174(1):2-11 PMID: 21610117
- La Vignera S** et al 2011 – *Effects of the exposure to mobile phones on male reproduction: A review of the literature* J Androl 33(3):350-6 PMID: 21799142
- Lazebnik LB & AÉ Lychkova** 2013 – *[Effects of radiation of decimetre range on the motor function of the gastrointestinal and biliary tracts]* Eksp Klin Gastroenterol (8):68-71 PMID: 24933952
- Lee KS** et al 2008 – *Mobile phone electromagnetic radiation activates MAPK signalling and regulates viability in Drosophila* Bioelectromagnetics 29(5):371-9 PMID: 18286519
- Lee S** et al 2005 – *2.45 GHz radiofrequency fields alter gene expression in cultured human cells* FEBS Lett 579(21):4829-36 PMID: 16107253
- Lee YJ** et al 2013 - *Contamination rates between smart cell phones and non-smart cell phones of healthcare workers* J Hosp Med 8(3):144-7 PMID: 23418134
- Lehrer S** et al 2011 – *Association between number of cell phone contracts and brain tumor incidence in nineteen U.S. States* J Neurooncol 101(3):505-7 PMID: 20589524
- Leng L & Y Zhang** 2016 – *Etiology of pituitary tumors: A case-control study* Turk Neurosurg 26(2):195-9 PMID: 26956811
- Lepp A** et al 2013 – *The relationship between cell phone use, physical and sedentary activity, and cardiorespiratory fitness in a sample of U.S. college students* Int J Behav Nutr Phys Act 10:79 PMID: 23800133
- Lerchl A** et al 2015 – *Tumor promotion by exposure to radiofrequency electromagnetic fields below exposure limits for humans* Biochem Biophys Res Commun 459(4):585-90 PMID: 25749340
- Lerchl A & AF Wilhelm** 2010 – *Critical comments on DNA breakage by mobile-phone electromagnetic fields (Diem et al., Mutation Research 2005, 583, 178-183)* Mutat Res 697(1-2):60-65 PMID: 20100594
- Leszczynski D** et al 2002 - *Non-thermal activation of the hsp27/p38MAPK stress pathway by mobile phone radiation in human endothelial cells: Molecular mechanism for cancer and blood-brain barrier-related effects.* Differentiation 70:120-129 PMID: 12076339
- Levis AG** et al 2011 – *Mobile phones and head tumours. The discrepancies in cause-effect relationships in the epidemiological studies – how do they arise?* Environ Health Jun 17; 10:59 PMID: 21679472
- Li JR** et al 1999 – *TP53 tumor suppressor protein in normal human fibroblasts does not respond to 837 MHz microwave exposure* Radiat Res 151(6):710-6 PMID: 10360791
- Lin YH** et al 2015 – *Time distortion associated with smartphone addiction: identifying smartphone addiction via a mobile application (App)* J Psychiatr Res 65:139-45 PMID: 25935253
- Lin YH** et al 2013 – *Prevalent hallucinations during medical internships: phantom vibration and ringing syndromes* PLoS One 8(6):e65152 PMID: 23762302
- Lippi G** et al 2016b – *Acute effects of 30 minutes of exposure to a smartphone call on in vitro platelet function* Blood Transfus May 6:1-5 PMID: 27177410
- Lippi G** et al 2016 – *Thirty-minutes' exposure to smartphone call triggers neutrophil activation in vitro* Clin Chem Lab Med 54(9):1497-501 PMID: 26872316
- Little MP** et al 2012 – *Mobile phone use and glioma risk: comparison of epidemiological study results with incidence trends in the United States* BMJ Mar 8;344:e1147 PMID: 22403263
- Liu C** et al 2013 - *Mobile phone radiation induces mode-dependent DNA damage in a mouse spermatocyte-derived cell line: a protective role of melatonin* Int J Radiat Biol 89(11):993-1001 PMID: 23952262
- Liu C** et al 2013 – *Exposure to 1800 MHz radiofrequency electromagnetic radiation induces oxidative DNA base damage in a mouse spermatocyte-derived cell line* Toxicol Lett 218(1):2-9 PMID: 23333639
- Liu K** et al 2014 – *Association between mobile phone use and semen quality: a systemic review and meta-analysis* Andrology 2(4):491-501 PMID: 24700791
- Liu Q** et al 2015 – *Electromagnetic radiation at 900 MHz induces sperm apoptosis through bcl-2, bax and caspase-3 signaling pathways in rats* Reprod Health 12:65 PMID: 26239320

- Liu W** et al 2012 – *Effect of 935-MHz phone-simulating electromagnetic radiation on endometrial glandular cells during mouse embryo implantation* J Huazhong Univ Sci Technolog Med Sci 32(5):755-9 PMID: 23073809
- Liu XY** et al 2007 – *[Risk factors in the living environment of early spontaneous abortion pregnant women]* Zhongguo Yi Xue Ke Xue Yuan Xue Bao 29(5):661-4 PMID: 18051725
- Liu YX** et al 2012 – *Exposure to 1950-MHz TD-SCDMA electromagnetic fields affects the apoptosis of astrocytes via caspase-3-dependent pathway* PLoS One 7(8):e42332 PMID: 22870319
- Lloyd Morgan L** 2009 – *Estimating the risk of brain tumors from cellphone use: Published case-control studies* Pathophysiology 16(2-3):137-47 PMID: 19356911
- Lönn S** et al 2006 - *Mobile phone use and risk of parotid gland tumor* Am J Epidemiol 164(7):637-43 PMID: 16818464
- Lönn S** et al 2004 - *Mobile phone use and the risk of acoustic neuroma* Epidemiology 15(6):653-9 PMID: 15475713
- Loos N** et al 2013 – *Is the effect of mobile phone radiofrequency waves on human skin perfusion non-thermal?* Microcirculation 20(7):629-36 PMID:23590124
- Lopez-Fernandez O** et al 2014 – *Prevalence of problematic mobile phone use in British adolescents* Cyberpsychol Behav Soc Netw 17(2):91-8 PMID: 23981147
- Loughran SP** et al 2012 – *Individual differences in the effects of mobile phone exposure on human sleep: Rethinking the problem* Bioelectromagnetics 33(1):86-93 PMID: 21812009
- Lowden A** et al 2010 – *Sleep after mobile phone exposure in subjects with mobile-phone related symptoms* Bioelectromagnetics 32(1):4-14 PMID: 20857453
- Lu Y** et al 2014 – *Differential pro-inflammatory responses of Astrocytes and Microglia involve STAT3 activation in response to 1800 MHz radiofrequency fields* PLoS One 9(9):e108318
- Lu YS** et al 2012 – *reactive oxygen species formation and apoptosis in human peripheral blood mononuclear cell induced by 900 MHz mobile phone radiation* Oxid Med Cell Longev 2012:740280 PMID: 22778799
- Luo Q** et al 2013 – *Proteomic analysis on the alteration of protein expression in the early-stage placental villous tissue of electromagnetic fields associated with cell phone exposure* Reprod Sci 20(9):1055-61 PMID: 23420827
- Luo YP** et al 2014 – *[Effect of American Ginseng Capsule on the liver oxidative injury and the Nrf2 protein expression in rats exposed by electromagnetic radiation of frequency of cell phone]* Zhongguo Zhong Xi Yi Jie He Za Zhi 34(5):575-80 PMID: 24941847
- Luria R** et al 2009 – *Cognitive effects of radiation emitted by cellular phones: The influence of exposure side and time* Bioelectromagnetics 30(3):198-204 PMID: 19194860
- Lv B** et al 2014b – *Whole brain EEG synchronization likelihood modulated by long term evolution electromagnetic fields exposure* Conf Proc IEEE Eng Med Biol Soc Aug;2014:986-9 PMID: 25570126
- Lv B** et al 2014a - *The alteration of spontaneous low frequency oscillations caused by acute electromagnetic fields exposure* Clin Neurophysiol 125(2):277-86 PMID: 24012322
- Ma HR** et al 2015 – *Impacts of exposure to 900 MHz mobile phone radiation on liver function in rats* Zhongguo Ying Yong Sheng Li Xue Za Zhi 31(6):567-71 PMID: 27215026
- Ma HR** et al 2014 – *[Effect of Guilingji Capsule on the fertility, liver functions, and serum LDH of male SD rats exposed by 900 MHz cell phone]* Zhongguo Zhong Xi Yi Jie He Za Zhi 34(4):475-9 PMID: 24812908
- Maaroufi K** et al 2014 – *Spatial learning, monoamines and oxidative stress in rats exposed to 900 MHz electromagnetic field in combination with iron overload* Behav Brain Res 258:80-9 PMID: 24144546
- Maby E** et al 2006 – *Short-term effects of GSM mobile phones on spectral components of the human electroencephalogram* Conf Proc IEEE Eng Med Biol Soc 1:3751-4 PMID: 17946579
- Mahmoudabadi FS** et al 2015 – *Use of mobile phone during pregnancy and the risk of spontaneous abortion* J Environ Health Sci Eng 13:34 PMID: 25937931
- Maier R** et al 2004 - *Effects of pulsed electromagnetic fields on cognitive processes - a pilot study on pulsed field interference with cognitive regeneration* Acta Neurol Scand 110(1):46-52 PMID: 15180806

- Maier R** 2001 - [Is CNS activity modified by pulsed electromagnetic fields?] *Biomed Tech (Berl)* 46(1-2):18-23 PMID: 11258136
- Mailankot M** et al 2009 - *Radio frequency electromagnetic radiation (RF-EMR) from GSM (0.9/1.8GHz) mobile phones induces oxidative stress and reduces sperm motility in rats* *Clinics (Sao Paulo)* 64(6):561-5 PMID: 19578660
- Mancinelli F** et al 2004 - *Non-thermal effects of electromagnetic fields at mobile phone frequency on the refolding of an intracellular protein: myoglobin* *J Cell Biochem* 93(1):188-96 PMID: 15352175
- Mandalà M** et al 2014 - *Effect of bluetooth headset and mobile phone electromagnetic fields on the human auditory nerve* *Laryngoscope* 124(1):255-9 PMID: 23619813
- Manta AK** et al 2017 - *Mobile-phone radiation-induced perturbation of gene-expression profiling, redox equilibrium and sporadic-apoptosis control in the ovary of Drosophila melanogaster Fly (Austin)* 11(2):75-95 PMID: 27960592
- Manti L** et al 2008 - *Effects of Modulated Microwave Radiation at Cellular Telephone Frequency (1.95 GHz) on X-Ray-Induced Chromosome Aberrations in Human Lymphocytes In Vitro* *Radiat Res* 169(5):575-83 PMID: 18439037
- Marinelli F** et al 2004 - *Exposure to 900 MHz electromagnetic field induces an unbalance between pro-apoptotic and pro-survival signals in T-lymphoblastoid leukemia CCRF-CEM cells* *J Cell Physiol* 198(2):324-332 PMID: 14603534
- Marino AA** et al 2017 - *Trigeminal neurons detect cellphone radiation: Thermal or nonthermal is not the question* *Electromagn Biol Med* 36(2):123-131 PMID: 27419655
- Marino AA** et al 2003 - *Nonlinear changes in brain electrical activity due to cell phone radiation* *Bioelectromagnetics* 24(5):339-346 PMID: 12820291
- Marjanovic AM** et al 2015 - *Cell oxidation-reduction imbalance after modulated radiofrequency radiation* *Electromagn Biol Med* 34(4):381-6 PMID: 25119294
- Mark D** et al 2014 - *Mobile phones in clinical practice: reducing the risk of bacterial contamination* *Int J Clin Pract* 68(9):1060-4 PMID: 24837250
- Markov M & YG Grigoriev** 2013 - *Wi-Fi technology - an uncontrolled global experiment on the health of mankind* *Electromagn Biol Med* 32(2):200-8 PMID: 23675623
- Marková E** et al 2010 - *Microwaves from Mobile Phones Inhibit 53BP1 Focus Formation in Human Stem Cells more strongly than in Differentiated Cells: Possible Mechanistic Link to Cancer Risk* *Environ Health Perspect* 118(3):394-9 PMID: 20064781
- Marková E** et al 2005 - *Microwaves from GSM mobile telephones affect 53BP1 and gamma-H2AX foci in human lymphocytes from hypersensitive and healthy persons* *Environ Health Perspect* 113(9):1172-7 PMID: 16140623
- Marone JR** et al 2014 - *Frontal plane margin of stability is increased during texting while walking* *Gait Posture* 40(1):243-6 PMID: 24798610
- Mashevich M** et al 2003 - *Exposure of human peripheral blood lymphocytes to electromagnetic fields associated with cellular phones leads to chromosomal instability.* *Bioelectromagnetics* 24:82-90 PMID: 12524674
- Maskey D** et al 2014 - *Alteration of glycine receptor immunoreactivity in the auditory brainstem of mice following three months of exposure to radiofrequency radiation at SAR 4.0 W/kg* *Int J Mol Med* 34(2):409-419 PMID: 24866721
- Maskey D** et al 2012 - *Calcium-binding proteins and GFAP immunoreactivity alterations in murine hippocampus after 1 month of exposure to 835MHz radiofrequency at SAR values of 1.6 and 4.0W/kg* *Neurosci Lett* 506(2):292-6 PMID: 22133805
- Maskey D** et al 2010 - *Chronic 835-MHz radiofrequency exposure to mice hippocampus alters the distribution of calbindin and GFAP immunoreactivity* *Brain Res* 1346:237-46 PMID: 20546709
- Masuda H** et al 2011 - *Local exposure of the rat cortex to radiofrequency electromagnetic fields increases local cerebral blood flow along with temperature* *J Appl Physiol* 110(1):142-8 PMID: 21030669
- Masuda H** et al 2009 - *Effects of 915 MHz electromagnetic-field radiation in TEM cell on the blood-brain barrier and neurons in the rat brain* *Radiat res* 172(1):66-73 PMID: 19580508

- Matthews R** et al 2003 – *The effect of cell phone type on drivers subjective workload during concurrent driving and conversing* *Accid Anal Prev* 35(4):451-7 PMID: 12729809
- Mausset-Bonnefont AL** et al 2004 – *Acute exposure to GSM 900-MHz electromagnetic fields induces glial reactivity and biochemical modifications in the rat brain* *Neurobiol Dis* 17(3):445-54 PMID: 15571980
- Mazloomi Mahmoodabad SS** et al 2009 – *Survey of ownership and use of mobile phones among medical science students in Yazd Pak J Biol Sci* 12(21):1430-3 PMID: 20128515
- Meadow JF** et al 2014 – *Mobile phones carry the personal microbiome of their owners* *PeerJ* Jun 24;2:e447 PMID: 25024916
- Megha K** et al 2015 – *Effect of low-intensity microwave radiation on monoamine neurotransmitters and their key regulating enzymes in rat brain* *Cell Biochem Biophys* 73(1):93-100 PMID: 25672490
- Meo SA & KA Rubeaan** 2013 - *Effects of exposure to electromagnetic field radiation (EMFR) generated by activated mobile phones on fasting blood glucose* *Int J Occup Med Environ Health* 26(2):235-41 PMID: 23771861
- Meo SA** et al 2010 – *Effects of mobile phone radiation on serum testosterone in Wistar albino rats* *Saudi Med J* 31(8):869-73 PMID: 20810065
- Meo SA & AM Al-Drees** 2005 – *Mobile phone-related hazards and subjective hearing and vision symptoms in the Saudi population* *Int J Med Environ Health* 18(1):53-7 PMID: 16052891
- Meral I** et al 2007 – *Effects of 900-MHz electromagnetic field emitted from cellular phone on brain oxidative stress and some vitamin levels of guinea pigs* *Brain Res* 1169:120-4 PMID: 17674954
- Mohammadi G** 2011 – *Prevalence of seat belt and mobile phone use and road accident injuries amongst college students in Kerman, Iran* *Chin J Traumatol* 143):165-9 PMID: 21635804
- Mohammadbeigi A** et al 2016 – *Sleep quality in medical students; the impact of over-use of mobile cell-phone and social networks* *J Res Health Sci* 16(1):46-50 PMID: 27061997
- Mohammadianinejad SE** et al 2016 – *The effects of exposure to low frequency electromagnetic fields in the treatment of migraine headache: A cohort study* *Electron Physician* 8(12):3445-3449 PMID: 28163863
- Moltó J** et al 2011 - *Thermal decomposition of electronic wastes: mobile phone case and other parts* *Waste Manag* 31(12):2546-52 PMID: 21885272
- Monfrecola G** et al 2003 – *Non-ionizing electromagnetic radiations emitted by a cellular phone, modify cutaneous blood flow* *Dermatology* 207:10-14 PMID: 12835541
- Moon IS** et al 2014 - *Association between vestibular schwannomas and mobile phone use* *Tumour Biol* 35(1):581-7 PMID: 23975478
- Moradi M** et al 2016 – *Effects of the effect of ultra high frequency mobile phone radiation on human health* *Electron Physician* 8(5):2452-7 PMID: 27382458
- Moretti D** et al 2013 - *In-vitro exposure of neuronal networks to the GSM-1800 signal* *Bioelectromagnetics* 34(8):571-8 PMID: 23913345
- Morgan LL** et al 2015 – *Mobile phone radiation causes brain tumors and should be classified as a probable human carcinogen (2A) (review)* *Int J Oncol* 46(5):1865-71 PMID: 25738972
- Mortazavi SM** et al 2016 – *GSM 900 MHz microwave radiation-induced alterations of insulin level and histopathological changes of liver and pancreas in rat* PMID: 28144593
- Mortazavi SM** et al 2016 – *Is it blue light or increased electromagnetic fields which affects the circadian rhythm in people who use smartphones at night* *Iran J Public Health* 45(3):405-6 PMID: 27141511
- Mortazavi S** et al 2013 – *Male reproductive health under threat: short term exposure to radiofrequency radiations emitted by common mobile jammers* *J Hum Reprod Sci* 6(2):124-8 PMID: 24082653
- Mortazavi SM** et al 2012 - *Human short-term exposure to electromagnetic fields emitted by mobile phones decreases computer-assisted visual reaction time* *Acta Neurol Belg* 112(2):171-5 PMID: 22426673

- Mortazavi SM** et al 2011 - *An old issue and a new look: electromagnetic hypersensitivity caused by radiations emitted by GSM mobile phones* Technol Health Care 19(6):435-43 PMID: 22129944
- Mortazavi SM** et al 2008 - *Mercury release from dental amalgam restorations after magnetic resonance imaging and following mobile phone use* Pak J Biol Sci 11(8):1142-6 PMID: 18819554
- Motawi TK** et al 2014 - *Biochemical modifications and neuronal damage in brain of young and adult rats after long-term exposure to mobile phone radiations* Cell Biochem Biophys 70(2):845-55 PMID: 24801773
- Mousavy SJ** et al 2009 - *Effects of mobile phone radiofrequency on the structure and function of the normal human hemoglobin* Int J Biol Macromol 44(3):278-85 PMID: 19263507
- Moustafa YM** et al 2001 - *Effects of acute exposure to the radiofrequency fields of cellular phones on plasma lipid peroxide and antioxidant activities in human erythrocytes* J Pharm Biomed Anal 26(4):605-608 PMID: 11516912
- Mugunthan N** et al 2016 - *Effects of long term exposure of 900-1800 MHz radiation emitted from 2G mobile phone on mice hippocampus - a histomorphometric study* J Clin Diagn Res 10(8):AF01-6 PMID: 27656427
- Mugunthan N** et al 2015 - *Effects of chronic exposure to 2G and 3G cell phone radiation on mice testis - a randomized controlled trial* Int J Curr Res Rev 7(4):36-47
- Mugunthan N** et al 2014 - *Exposure of mice to 900-1900 MHz radiations from cell phone resulting in microscopic changes in the kidney* IJCRR 6(16):44-49
- Mugunthan N** et al 2014 - *Effects of long term exposure to a 2G cell phone radiation (900 - 1900 MHz) on mouse testis* Int J Sci Res (Raipur) 3(9):523-529
- Muscat J E** et al 2000 - *Handheld Cellular Telephone Use and Risk of Brain Cancer* JAMA Journal of the American Medical Association 284:3001-3007 PMID: 11122586
- Muscat J E** et al 2002 - *Handheld cellular telephones and risk of acoustic neuroma*, Neurology 58:1304-1306 PMID: 11971109
- Muscat J E** et al 2006 - *Mobile telephones and rates of brain cancer* Neuroepidemiology 27(1):55-6 PMID: 16825795
- Myung SK** et al 2009 - *Mobile phone use and risk of tumors: a meta-analysis* J Clin Oncol 27(33):5565-72 PMID: 19826127
- Nakamura H** et al 2000 - *Uteroplacental circulatory disturbance mediated by prostaglandin f2alpha in rats exposed to microwaves*. hiro-n@po.incl.ne.jp Reprod Toxicol 14(3):235-40 PMID: 10838124
- Narayanan SN** et al 2014 - *Evaluation of oxidant stress and antioxidant defense in discrete brain regions of rats exposed to 900 MHz radiation* Bratisl Lek Listy 115(5):260-6 PMID: 25174055
- Narayanan SN** et al 2013 - *Analysis of emotionality and locomotion in radio-frequency electromagnetic radiation exposed rats* Neurol Sci 34(7):1117-24 PMID: 22976773
- Narayanan SN** et al 2010 - *Effect of radio-frequency electromagnetic radiations (RF-EMR) on passive avoidance behaviour and hippocampal morphology in Wistar rats* Ups J Med Sci 115(2):91-96 PMID: 20095879
- Narayanan SN** et al 2009 - *Spatial memory performance of Wistar rats exposed to mobile phone* Clinics (Sao Paulo) 64(3):231-4 PMID: 19330250
- National Toxicology Program 2001** - Report of the Endocrine Disruptors Low-dose peer review <http://ntpserver.niehs.nih.gov/htdocs/liason/LowDosePeerFinalRpt.pdf>
- Nikolova T** et al 2005 - *Electromagnetic fields affect transcript levels of apoptosis-related genes in embryonic stem cell-derived neural progenitor cells* FASEB J 19(12):1686-8 PMID: 16116041
- Nirwane A** et al 2016 - *Neurobehavioural changes and brain oxidative stress induced by acute exposure to GSM900 mobile phone radiations in Zebrafish (Danio rerio)* Toxicol Res 32(2):123-32
- Nittby H** et al 2009 - *Increased blood-brain barrier permeability in mammalian brain 7 days after exposure to the radiation from a GSM-900 mobile phone* Pathophysiology 16(2-3):103-12 PMID: 19345073
- Nittby H** et al 2008 - *Radiofrequency and extremely low-frequency electromagnetic field effects on the blood-brain barrier* Electromagn Biol Med 27(2):103-26 PMID: 18568929

- Nittby H** et al 2008 – *Cognitive impairment in rats after long-term exposure to GSM-900 mobile phone radiation* Bioelectromagnetics 29(3):219-32 PMID: 18044737
- Noor NA** et al 2011 – *Variations in amino acid neurotransmitters in some brain areas of adult and young male albino rats due to exposure to mobile phone radiation* Eur Rev Med Pharmacol Sci 15(7):729-42 PMID: 21780540
- Ntzouni MP** et al 2013 - *Transient and cumulative memory impairments induced by GSM 1.8 GHz cell phone signal in a mouse model* Electromagn Biol Med 32(1):95-120 PMID: 23320614
- Ntzouni MP** et al 2011 – *Short-term memory in mice is affected by mobile phone radiation* Pathophysiology 18(3):193-9 PMID: 21112192
- Nylund R** et al 2010 – *Analysis of proteome response to the mobile phone radiation in two types of human primary endothelial cells* Proteome Sci 8:52 PMID: 20955554
- Nylund R & D Leszczynski** 2006 - *Mobile phone radiation causes changes in gene and protein expression in human endothelial cell lines and the response seems to be genome- and proteome-dependent* Proteomics 6(17):4769-80 PMID: 16878295
- Nylund R & D Leszczynski** 2004 - *Proteomics analysis of human endothelial cell line EA.hy926 after exposure to GSM 900 radiation* Proteomics 4(5):1359-65 PMID: 15188403
- Odaci E** et al 2015 – *Pathological effects of prenatal exposure to a 900 MHz electromagnetic field on the 21-day-old male rat kidney* Biotech Histochem 90(2):93-101 PMID: 25158858
- Odaci E** et al 2016 – *Maternal exposure to a continuous 900-MHz electromagnetic field provokes neuronal loss and pathological changes in cerebellum of 32-day-old female rat offspring* J Chem Neuroanat 75(Pt B):105-10 PMID: 26391347
- Odaci E** et al 2008 – *Effects of prenatal exposure to a 900 MHz electromagnetic field on the dentate gyrus of rats: a stereological and histopathological study* Brain Res 1238:224-9 PMID: 18761003
- Oftedal G** et al 2007 - *Mobile phone headache: a double blind, sham-controlled provocation study* Cephalalgia 27(5):447-55 PMID: 17359515
- Oftedal G** et al 2000 - *Symptoms experienced in connection with mobile phone use* Occup Med (Lond) 50(4):237-245 PMID: 10912374
- Ogawa K** et al 2009 – *Effects of gestational exposure to 1.95-GHz W-CDMA signals for IMT-2000 cellular phones: Lack of embryotoxicity and teratogenicity in rats* Bioelectromagnetics 30(3):205-12 PMID: 19194858
- Ohtani S** et al 2015 – *The effects of radio-frequency electromagnetic fields on T cell function during development* J Radiat Res 56(3):467-74 PMID: 25835473
- Okano T** et al 2010 – *the effect of electromagnetic field emitted by a mobile phone on the inhibitory control of saccades* Clin Neurophysiol 121(4):603-11 PMID: 20083428
- Oktay MF & S Dasdag** 2006 - *Effects of intensive and moderate cellular phone use on hearing function* Electromagn Biol Med 25(1):13-21 PMID: 16595330
- Oktem F** et al 2005 - *Oxidative damage in the kidney induced by 900-MHz-emitted mobile phone: protection by melatonin* Arch Med Res 36(4):350-5 PMID: 15950073
- Oliver JP** et al 2003 – *Testing the effectiveness of small radiation shields for mobile phones* Bioelectromagnetics 24(1):66-9 PMID: 12483667
- Oral B** et al 2006 – *Endometrial apoptosis induced by a 900MHz mobile phone: preventive effects of vitamins E and C* Adv Ther 23(6):957-73 PMID: 17276964
- Orendáčová J** et al 2011 – *Effects of short-duration electromagnetic radiation on early postnatal neurogenesis in rats: Fos and NADPH-d histochemical studies* Acta Histochem 113(7):723-8 PMID: 20950843
- Oyewopo AO** 2017 – *Radiofrequency electromagnetic radiation from cell phone causes defective testicular function in male Wistar rats* Andrologia 49(10) PMID: 28261838
- Ozgüner F** et al 2005 – *Mobile phone-induced myocardial oxidative stress: protection by a novel antioxidant agent caffeic acid phenethyl ester* Toxicol Ind Health 21(9):223-30 PMID: 16342473

- Ozgüner F** et al 2005 – *A novel antioxidant agent caffeic acid phenethyl ester prevents long-term mobile phone exposure-induced renal impairment in rat. Prognostic value of malondialdehyde, N-acetyl-beta-D-glucosaminidase and nitric oxide determination* mol Cell Biochem 277(102):73-80 PMID: 16132717
- Özgür A** et al 2015 – *Effects of chronic exposure to electromagnetic waves on the auditory system* Acta Otolaryngol 135(8):765-70 PMID: 25836770
- Özgür E** et al 2014 – *The Effects of N-acetyl-L-cysteine and Epigallocatechin-3-gallate on Liver Tissue Protein Oxidation and Antioxidant Enzyme Levels After the Exposure to Radio Frequency Radiation* Int J Radiat Biol Sep 24:1-19 PMID: 25249432
- Özgür E** et al 2010 – *Mobile phone radiation-induced free radical damage in the liver is inhibited by the antioxidants N-acetyl cysteine and epigallocatechin-gallate* Int J Radiat Biol 86(11):935-45 PMID: 20807176
- Pacini S** et al 2002 – *Exposure to global system for mobile communication (GSM) cellular phone radiofrequency alters gene expression, proliferation, and morphology of human skin fibroblasts* Oncol Res 13(1):19-24 PMID: 12201670
- Paglialonga A** et al 2007 – *Effects of mobile phone exposure on time frequency fine structure of transiently evoked otoacoustic emissions* J Acoust Soc Am 122(4):2174-82 PMID: 17902853
- Panagopoulos DJ** et al 2013 – *Evaluation of specific absorption rate as a dosimetric quantity for electromagnetic fields bioeffects* PLoS One 8(6):e62663 PMID: 23750202
- Panagopoulos DJ** et al 2007 – *Cell death induced by GSM 900-MHz and DCS 1800-MHz mobile telephony radiation* Mutat Res 626(1-2):69-78 PMID: 17045516
- Panagopoulos DJ** et al 2007 – *Comparison of bioactivity between GSM 900 MHz and DCS 1800 MHz mobile telephony radiation* Electromagn Biol Med 26(1):33-44 PMID: 17454081
- Panda NK** et al 2011 – *Auditory changes in mobile users: is evidence forthcoming?* Otolaryngol Head Neck Surg 144(4):581-5 PMID: 21493239
- Panda NK** et al 2010 – *Audiologic disturbances in long-term mobile phone users* J Otolaryngol Head Neck Surg 39(1):5-11 PMID: 20122338
- Pandey N** et al 2017 – *Radiofrequency radiation (900 MHz)-induced DNA damage and cell cycle arrest in testicular germ cells in swiss albino mice* Toxicol ind Health 33(4):373-384 PMID: 27738269
- Papageorgiou CC** et al 2004 – *Gender related differences on the EEG during a simulated mobile phone signal* Neuroreport 15(16): 2557-60 PMID: 15538195
- Paredi P** et al 2001 – *Local vasodilator response to mobile phones* Laryngoscope 111(1):159-62 PMID: 11192886
- Parkar MA** et al 2010 – *Effect of cell phone exposure on physiologic and hematologic parameters of male medical students of Bijapur (Karnataka) with reference to serum lipid profile* J Basci Clin Physiol Pharmacol 21(2):201-10 PMID: 20853601
- Parr ND** et al 2014 – *Cellular phone texting impairs gait in able-bodied young adults* J Appl Biomech 30(6):685-8 PMID: 25010143
- Partsvania B** et al 2008 – *Extremely low-frequency magnetic fields effects on the snail single neurons* Electromagn Biol Med 27(4):409-17 PMID: 19037790
- Pawlak K** et al 2014 – *Plasma thyroid hormones and corticosterone levels in blood of chicken embryos and post hatch chickens exposed during incubation to 1800 MHz electromagnetic field* Int J Occup Med Environ Health 27(1):114-22 PMID: 24488772
- Pedersen & Andersen** 1999 – *RF and ELF exposure from Cellular Phone Handsets: TDMA and CDMA systems, Radiation Protection Dosimetry Vol 83, Nos 1-2, pp 131-138, 1999 ISBN 1 870965 61 2*
- Pejovic NJ** et al 2013 – *Unexpected collapse of healthy newborn infants: risk factors, supervision and hypothermia treatment* Acta Paediatr 102(7):680-8 PMID: 23551812
- Perentos N** et al 2013 – *The alpha band of the resting electroencephalogram under pulsed and continuous radio frequency exposures* IEEE Trans Biomed Eng 60(6):1702-10 PMID: 23358937
- Perentos N** et al 2007 – *Comparison of the effects of continuous and pulsed mobile phone like RF exposure on the human EEG* Australas Phys Eng Sci Med 30(4):274-80 PMID: 18274067

- Peyman A** et al 2001 - *Changes in the dielectric properties of rat tissue as a function of age at microwave frequencies* Phys Med Biol 46(6): 1617-29 PMID: 11419623
- Phithakkitnukoon S** et al 2012 - *Weather effects on mobile social interactions: a case study of mobile phone users in lisbon, portugal* PLoS One 7(10):e45745 PMID: 23071523
- Polák M & L Drápalová** 2012 - *Estimation of end of life mobile phones generation: The case study of the Czech Republic* Waste Manag 32(8):1583-91 PMID: 22552041
- Pourlis AF** 2009 - *Reproductive and developmental effects of EMF in vertebrate animal models* Pathophysiology 16(2-3):179-89 PMID: 19272761
- Prasad M** et al 2017 - *Nomophobia: A cross-sectional study to assess mobile phone usage among dental students* J Clin Diagn Res 11(2):ZC34-ZC39 PMID: 28384977
- Preece A** et al 1999 - *Effect of a 915-MHz simulated mobile phone signal on cognitive function in man* Int J Radiat Biol 75(4): 447-56 PMID: 10331850
- Preece A** et al 2005 - *Effect of 902 MHz mobile phone transmission on cognitive function in children* Bioelectromagnetics Suppl 7: S138-143 PMID: 15931678
- Prisco MG** et al 2008 - *Effects of GSM-modulated radiofrequency electromagnetic fields on mouse bone marrow cells* Radiat Res 170(6):803-10 PMID: 19138032
- Qiao S** et al 2014 - *Reduction of phosphorylated synapsin 1 (ser-553) leads to spatial memory impairment by attenuating GABA release after microwave exposure in Wistar rats* PLoS One 9(4):e95503 PMID: 24743689
- Radwan M** et al 2016 - *Sperm DNA damage – the effect of stress and everyday life factors* Int J Impot Res 28(4):148-54 PMID: 27076112
- Rağbetli MC** et al 2010 - *The effect of mobile phone on the number of Purkinje cells: A stereological study* Int J Radiat Biol 86(7):548-54 PMID: 20545571
- Rago R** et al 2013 - *The semen quality of the mobile phone users* J Endocrinol Invest 36(11):970-4 PMID: 23722985
- Ragy MM** 2015 - *Effect of exposure and withdrawal of 900-MHz-electromagnetic waves on brain, kidney and liver oxidative stress and some biochemical parameters in male rats* Electromagn Biol Med Aug 21:1-6 PMID: 24712749
- Ramesh J** et al 2008 - *Use of mobile phones by medical staff at Queen Elizabeth Hospital, Barbados: evidence for both benefit and harm* Journal of Hospital Infection 70(2):160-5 PMID: 18701190
- Razavinasab M** et al 2016 - *Maternal mobile phone exposure alters intrinsic electrophysiological properties of CA1 pyramidal neurons in rat offspring* Toxicol Ind Health 32(6):968-79 PMID: 24604340
- Redmayne M** et al 2017 - *Where's your phone? A survey of where women aged 15-40 carry their smartphone and related risk perception: A survey and pilot study* PLoS One 12(1):e0167996 PMID: 28060844
- Redmayne M** et al 2010 - *Cordless telephone use: implications for mobile phone research* J Environ Monit 12(4):809-12 PMID: 20383359
- REFLEX Project** – see www.powerwatch.org.uk/news/20041222_reflex.asp
- Remondini D** et al 2006 - *Gene expression changes in human cells after exposure to mobile phone microwaves* Proteomics 6(17):4745-54 PMID: 16878293
- Repacholi M** et al 2011 - *Systematic review of wireless phone use and brain cancer and other head tumors* Bioelectromagnetics 33(3):187-206 PMID: 22021071
- Rezk AY** et al 2008 - *Fetal and neonatal responses following maternal exposure to mobile phones* Saudi Med J 29(2):218-23 PMID: 18246230
- Ribeiro** et al 2007 - *Effects of subchronic exposure to radio frequency from a conventional cellular telephone on testicular function in adult rats* The Journal of Urology 177(1): 395-399 PMID: 17162098
- Rice E** et al 2011 - *Cell phone use among homeless youth: potential for new health interventions and research* J Urban Health 88(6):1175-82 PMID: 22076445

- Richardson C** et al 2014 – *Mobile phone dermatitis in children and adults: A Review of the literature* *Pediatr Allergy Immunol Pulmonol* 27(2):60-69 PMID: 24963454
- Roberts JA** et al 2014 – *The invisible addiction: Cell-phone activities and addiction among male and female college students* *J Behav Addict* 3(4):254-265 PMID: 25595966
- Roggeveen S** et al 2015 – *EEG changes due to experimentally induced 3G mobile phone radiation* *PLoS One* 10(6):e0129496 PMID: 26053854
- Rossi C** et al 2011 – *new perspectives in cell communication: Bioelectromagnetic interactions* *Semin Cancer Biol* 21(3):207-14 PMID: 21569849
- Rumiantsev GI** et al 2004 – *[An analysis of the pathogenetic significance of irradiations from mobile phones]* *Vestn Ross Akad Med Nauk* 6:31-5 PMID: 15327059
- Russo R** et al 2006 – *Does acute exposure to mobile phones affect human attention?* *Bioelectromagnetics* 27(3):215-20 PMID: 16304701
- Sadetzki S** et al 2008 – *Cellular phone use and risk of benign and malignant parotid gland tumors – a nationwide case-control study abstract* *Am J Epidemiol* 167(4):457-67 PMID: 18063591
- Safian F** et al 2016 – *Survival assessment of mouse preimplantation embryos after exposure to cell phone radiation* *J Reprod Infertil* 17(3):138-43 PMID: 27478766
- Sahin S** et al 2013 – *Evaluation of mobile phone addiction level and sleep quality in university students* *Pak J Med Sci* 29(4):913-8 PMID: 24353658
- Saikhedkar N** et al 2014 – *Effects of mobile phone radiation (900 MHz radiofrequency) on structure and functions of rat brain* *Neurol Res* 36(12):1072-9 PMID: 24861496
- Sakurai T** et al 2011 – *Analysis of gene expression in a human-derived glial cell line exposed to 2.45 GHz continuous radiofrequency electromagnetic fields* *Radiat Res (Tokyo)* 52(2):185-92 PMID: 21343680
- Salahaldin AH & A Bener** 2006 – *Long-term and frequent cellular phone use and risk of acoustic neuroma* *Int Tinnitus J* 12(2):145-8 PMID: 17260880
- Salama N** et al 2010 – *Effects of exposure to a mobile phone on sexual behavior in adult male rabbit: an observational study* *Int J Impot Res* 22(2):127-33 PMID: 19940851
- Salama N** et al 2010 – *Effects of exposure to a mobile phone on testicular function and structure in adult rabbit* *Int J Androl* 33(1):88-94 PMID: 19076254
- Salama N** et al 2009 – *The mobile phone decreases fructose but not citrate in rabbit semen: a longitudinal study* *Syst Biol Reprod Med* 55(5-6):181-7 PMID: 19938952
- Salama OE & RM Abou El Naga** 2004 – *Cellular phones: are they detrimental?* *J Egypt Public Health Assoc* 79(3-4):197-223 PMID: 16918147
- Salford LG** et al 2003 – *Nerve Cell Damage in Mammalian Brain after Exposure to Microwaves from GSM Mobile Phones*, *Environmental Health Perspectives* 111(7):881-3 doi:10.1289/ehp.6039, 29 January 2003, Journal of the USA Institute of Environmental Health Sciences. See: http://www.powerwatch.org.uk/news/20030206_mobile_rat_brains.asp
- Sanchez S** et al 2008 – *Effect of GSM-900 and -1800 signals on the skin of hairless rats. III: Expression of heat shock proteins* *Int J Radiat Biol* 84(1):61-8 PMID: 17852563
- Sandrini L** et al 2004 – *RF dosimetry: a comparison between power absorption of female and male numerical models from 0.1 to 4 GHz* *Phys Med Biol* 49(22):5185-201 PMID: 15609567
- Sandström M** et al 2001 – *Mobile phone use and subjective symptoms. Comparison of symptoms experienced by users of analogue and digital mobile phones* *Occup Med (Lond)* 51(1):25-35 PMID: 11235824
- Sansone RA and LA Sansone** 2013 – *Cell phones: the psychosocial risks* *Innov Clin Neurosci* 10(1):33-7 PMID: 23439568
- Santini R** et al 2002 – *Symptoms experienced by users of digital cellular phones: a study of a French engineering school* *Electromagn Biol Med* 21(1):81-88

- Saracci R & J Samet** 2010 – *Commentary: Call me on my mobile phone...or better not? - a look at the INTERPHONE study results* Int J Epidemiol 39(3):695-8 PMID: 20483832
- Saravi FD** 2011 - *Asymmetries in hip mineralization in mobile cellular phone users* J Craniofac Surg 22(2):706-10 PMID: 21415640
- Sato Y et al** 2011 – *A case-case study of mobile phone use and acoustic neuroma in Japan* Bioelectromagnetics 32(2):85-93 PMID: 21225885
- Sauter C et al** 2011 – *Effects of exposure to electromagnetic fields emitted by GSM 900 and WCDMA mobile phones on cognitive function in young male subjects* Bioelectromagnetics 32(3):179-90 PMID: 21365662
- Schabrun SM et al** 2014 – *Texting and walking: strategies for postural control and implications for safety* PLoS One 9(1):e84312 PMID: 24465402
- Schmid MR et al** 2012 – *Sleep EEG alterations: effects of different pulse-modulated radio frequency electromagnetic fields* J Sleep Res 21(1):50-8 PMID: 21489004
- Schoemaker M J et al** 2005 - *Mobile phone use and risk of acoustic neuroma: results of the Interphone case-control study in five North European countries* Br J Cancer 93(7):842-8 PMID: 16136046
- Schoeni A et al** 2015 – *Memory performance, wireless communication and exposure to radiofrequency electromagnetic fields: A prospective cohort study in adolescents* Environ Int 85:343-51 PMID: 26474271
- Schrader T et al** 2011 - *Spindle disturbances in human-hamster hybrid (A(L)) cells induced by the electrical component of the mobile communication frequency range signal* Bioelectromagnetics 32(4):291-301 PMID: 21452359
- Schüz J et al** 2011 – *Long-term mobile phone use and the risk of vestibular schwannoma: a Danish nationwide cohort study* Am J Epidemiol 174(4):416-22 PMID: 21712479
- Schüz J et al** 2009 – *Risks for central nervous system diseases among mobile phone subscribers: A Danish retrospective cohort study* PLoS One 4(2):e4389 PMID: 19194493
- Schüz J et al** 2006 - *Cellular Phones, Cordless Phones, and the Risks of Glioma and Meningioma (Interphone Study Group, Germany)* Am J Epidemiol 163(6):512-520 PMID: 16443797
- Schüz J et al** 2006 – *Cellular telephone use and cancer risk: update of a nationwide Danish cohort* J Natl Cancer Inst 98(23):1707-13 PMID: 17148772
- Schüz J & C Johansen** 2007 – *A Comparison of Self-Reported Cellular Telephone Use with Subscriber Data: Agreement Between the Two Methods and Implications for Risk Estimation* Bioelectromagnetics 28: 130-136 PMID: 17019732
- Schwarz C et al** 2008 – *Radiofrequency electromagnetic fields (UMTS, 1,950 MHz) induce genotoxic effects in vitro in human fibroblasts but not in lymphocytes* Int Arch Occup Environ Health 81(6):755-67 PMID: 18278508
- Seckin E et al** 2014 – *The effect of radiofrequency radiation generated by a Global System for Mobile Communications source on cochlear development in a rat model* J Laryngol Otol 128(5):400-5 PMID: 24784924
- Sekijima M et al** 2010 – *2-GHz band CW and W-CDMA modulated radiofrequency fields have no significant effect on cell proliferation and gene expression profile in human cells* J Radiat Res (Tokyo) 51(3):277-84 PMID: 20215713
- Sepehrimanesh M et al** 2014 – *Analysis of rat testicular proteome following 30-day exposure to 900 MHz electromagnetic field radiation* Electrophoresis 35(23):3331-8 PMID: 25146694
- Sepehrimanesh M et al** 2014 – *Impact of 900 MHz electromagnetic field exposure on main male reproductive hormone levels: a Rattus norvegicus model* Int J Biometeorol 58(7):1657-63 PMID: 24357488
- Sernelius BE** 2002 - *Possible induced enhancement of dispersion forces by cellular phones*, Phys.Chem.Chem.Phys., 2004, 6, 1363-1368, DOI: 10.1039/b312859h
- Shahbazi-Gahrouei D et al** 2016 – *Effects of RF-EMF exposure from GSM mobile phones on proliferation rate of human adipose-derived stem cells: An in-vitro study* J Biomed Phys Eng 6(4):243-252 PMID: 28144594
- Shahbazi-Gahrouei D et al** 2012 – *Mobile phone radiation interferes laboratory immunoenzymometric assays: Example chorionic gonadotropin assays* Pathophysiology 19(1):43-7 PMID: 22325369

- Shivashankara AR** et al 2015 – *Effect of cell phone use on salivary total protein, enzymes and oxidative stress markers in young adults: a pilot study* J Clin Diagn Res 9(2):BC19-22 PMID: 25859446
- Sibella F** et al 2009 – *Assessment of SAR in the tissues near a cochlear implant exposed to radiofrequency electromagnetic fields* Phys Med Biol 54(8):N135-N141 PMID: 19321926
- Siddiqi N** et al 2016 – *Growth retardation of Chick Embryo exposed to a low dose of electromagnetic waves* J Ayub Med Coll Abbottabad 28(2):224-228 PMID: 28718553
- Sieroń-Stołtny K** et al 2015 – *The influence of electromagnetic radiation generated by a mobile phone on the skeletal system of rats* Biomed Res Int 2015:896019 PMID: 25705697
- Simon D** et al 2012 - *Exposure to acute electromagnetic radiation of mobile phone exposure range alters transiently skin homeostasis of a model of pigmented reconstructed epidermis* Int J Cosmet Sci 35(1):27-34 PMID: 22938144
- Şimşek V** et al 2003 – *The effects of cellular telephone use on serum PSA levels in men* Int Urol Nephrol 35(2):193-6 PMID: 15072492
- Singh K** 2015 – *Effect of electromagnetic waves emitted from mobile phone on brain stem auditory evoked potential in adult males* Indian J Physiol Pharmacol 59(4):402-6 PMID: 27530007
- Siqueira EC** et al 2016 – *Cell phone use is associated with an inflammatory cytokine profile of parotid gland saliva* J Oral Pathol Med 45(9):682-686 PMID: 26876491
- Sirav B & N Seyhan** 2016 – *Effects of GSM modulated radio-frequency electromagnetic radiation on permeability of blood-brain barrier in male and female rats* J Chem Neuroanat 75(Pt B):123-7 PMID: 26723545
- Sirav B & N Seyhan** 2011 - *Effects of radiofrequency radiation exposure on blood-brain barrier permeability in male and female rats* Electromagn Biol Med 30(4):253-60 PMID: 22047463
- Sirav B & N Seyhan** 2009 – *Blood-brain barrier disruption by continuous-wave radio frequency radiation* Electromagn Biol Med 28(2):215-22 PMID: 19811403
- Smith DC** et al 2013 – *Ambulatory cell phone injuries in the United States: an emerging national concern* J Safety Res 47:19-23 PMID: 24237866
- Smith P** et al 2007 - *GSM and DCS wireless communication signals: combined chronic toxicity/carcinogenicity study in the Wistar rat* Radiat Res 168(4):480-92 PMID: 17903030
- Söderqvist F** et al 2012 - *Use of wireless phones and the risk of salivary gland tumours: a case-control study* Eur J Cancer Prev 21(6):576-9 PMID: 22433632
- Söderqvist F** et al 2012 - *Use of wireless phones and serum β -trace protein in randomly recruited persons aged 18-65 years: a cross-sectional study* Electromagn Biol Med 31(4):416-24 PMID: 22989106
- Söderqvist F** et al 2010 – *Radiofrequency Fields, Transthyretin, and Alzheimer's Disease* J Alzheimers Dis 20(2):599-606 PMID: 20164553
- Söderqvist F** et al 2009 – *Mobile and cordless telephones, serum transthyretin and the blood-cerebrospinal fluid barrier: a cross-sectional study* Environ Health 8:19 PMID: 19383125
- Söderqvist F** et al 2009 – *Exposure to an 890-MHz mobile phone-like signal and serum levels of S100B and transthyretin in volunteers* Toxicol Lett 189(1):63-6 PMID: 19427372
- Sokolovic D** et al 2008 – *Melatonin reduces oxidative stress induced by chronic exposure of microwave radiation from mobile phones in rat brain* J Radiat Res 49(6):579-86 PMID: 18827438
- Sommer AM** et al 2009 - *Effects of Radiofrequency Electromagnetic Fields (UMTS) on Reproduction and Development of Mice: A Multi-generation Study* Radiat Res 171(1):89-95 PMID: 19138054
- Sonmez OF** et al 2010 – *Purkinje cell number decreases in the adult female rat cerebellum following exposure to 900 MHz electromagnetic field* Brain Res 1356:95-101 PMID: 20691167
- Souza LD** et al 2013 - *Assessment of nuclear abnormalities in exfoliated cells from the oral epithelium of mobile phone users* Electromagn Biol Med 33(2):98-102 PMID: 23713418
- Spichtig S** et al 2012 – *Assessment of intermittent UMTS electromagnetic field effects on blood circulation in the human auditory region using a near-infrared system* Bioelectromagnetics 33(1):40-54 PMID: 21695708

- Stalin P** et al 2016 – *Mobile phone usage and its health effects among adults in a semi-urban area of southern India* J Clin Diagn Res 10(1):LC14-6 PMID: 26894095
- Stam R** 2010 – *Electromagnetic fields and the blood-brain barrier* Brain Res Rev 65(1):80-97 PMID: 20550949
- Stang A** et al 2009 – *Mobile phone use and risk of uveal melanoma: results of the risk factors for uveal melanoma case-control study* J Natl Cancer Inst 101(2):120-3 PMID: 19141780
- Stang A** et al 2001 – *The possible role of radiofrequency radiation in the development of uveal melanoma* Epidemiology 12(1):7-12 PMID: 11138823
- Stefanics G** et al 2008 – *Effects of 20 min 3G mobile phone irradiation on event related potential components and early gamma synchronization in auditory oddball paradigm* Neuroscience 157(2):453-62 PMID: 18835335
- Stewart Report 2000** - ISBN 0 85951 450 1 Available from the UK NRPB for £20. Also at: www.iegmp.org.uk
- Stopczyk D** et al 2002 - *Effect of electromagnetic field produced by mobile phones on the activity of superoxide dismutase (SOD-1) and the level of malonyldialdehyde (MDA)--in vitro study* Med Pr 53(4):311-4 PMID: 12474410
- Strayer DL** et al 2006 – *A comparison of the cell phone driver and the drunk driver* Hum Factors 48(2):381-91 PMID: 16884056
- Strayer DL** et al 2004 – *Profiles in driver distraction: effects of cell phone conversations on younger and older drivers* Hum Factors 46(4):640-9 PMID: 15709326
- Strayer DL** et al 2003 - *Cell Phone-Induced Failures of Visual Attention During Simulated Driving* Journal of Experimental Psychology:Applied 9(1): 23–32 PMID: 12710835
- Subba SH** et al 2013 - *Ringxiety and the Mobile Phone Usage Pattern among the Students of a Medical College in South India* J Clin Diagn Res 7(2):205-9 PMID: 23542709
- Suhhova A** et al 2013 – *Effect of microwave radiation on human EEG at two different levels of exposure* Bioelectromagnetics 34(4):264-74 PMID: 23280729
- Sun LX** et al 2006 – *[DNA damage and repair induced by acute exposure of microwave from mobile phone on cultured human lens epithelial cells]* Zhonghua Yan Ke Za Zhi 42(12):1084-8 PMID: 17415965
- Suresh S** et al 2011 – *Cell-phone use and self-reported hypertension: national health interview survey 2008* Int J Hypertens 2011:360415 PMID 21629867
- Swerdlow AJ** et al 2011 - *Mobile phones, brain tumors, and the interphone study: where are we now?* Environ Health Perspect 119(11):1534-8 PMID: 22171384
- Szyjkowska A** et al 2017 – *[Effect of stress and intensity of mobile phone using on the health and subjective symptoms in GSM workers]* Med Pr 68(5):617-628 PMID: 28731073
- Szyjkowska A** et al 2014 – *The risk of subjective symptoms in mobile phone users in Poland – an epidemiological study* Int J Occup Med Environ Health 27(2):293-303 PMID: 24692074
- Szyjkowska A** et al 2005 – *Subjective symptoms related to mobile phone use – a pilot study* Pol Merkur Lekarski 19(112):529-32 PMID: 16379318
- Taal** 2001 - Fifth International Congress of the European Bioelectromagnetics Association, Helsinki, 2001
- Tahvanainen K** et al 2007 - *Effects of cellular phone use on ear canal temperature measured by NTC thermistors* Clin Physiol Funct Imaging 27(3):162-72 PMID: 17445067
- Takahashi S** et al 2010 – *Lack of adverse effects of whole-body exposure to a mobile telecommunication electromagnetic field on the rat fetus* Radiat Res 173(3):362-72 PMID: 20199221
- Takao M** 2014 – *Problematic mobile phone use and big-five personality domains* 39(2):111-3 PMID: 24963228
- Takebayashi T** et al 2008 - *Mobile phone use, exposure to radiofrequency electromagnetic field, and brain tumour: a case-control study* Br J Cancer 98(3):652-9 PMID: 18256587
- Takebayashi T** et al 2006 - *Mobile phone use and acoustic neuroma risk in Japan* Occup Environ Med 63(12):802-7 PMID: 16912083

- Tan BY** et al 2012 - *Mobile and Landline Telephone Performance Outcomes among Telephone-Using Cochlear Implant Recipients* *Otolaryngol Head Neck Surg* 146(2):283-8 PMID: 21969279
- Tan TC** et al 2014 - *Lifestyle risk factors associated with threatened miscarriage: A case-control study* *J Fertil In Vitro* 2(2):100123
- Tang J** et al 2015 - *Exposure to 900 MHz electromagnetic fields activates the mcp-1/ERK pathway and causes blood-brain barrier damage and cognitive impairment in rats* *Brain Res* 1601:92-101 PMID: 25598203
- Tattersall JEH** et al 2001 - *Effects of Low Intensity Radiofrequency Electromagnetic Fields on Electrical Activity in Rat Hippocampal Slices* *Brain Research* (2001) 904:43-53 PMID: 11516410
- Thomas S** et al 2008 - *Personal exposure to mobile phone frequencies and well-being in adults: a cross-sectional study based on dosimetry* *Bioelectromagnetics* 29(6):463-70 PMID: 18393264
- Thomé S** et al 2011 - *Mobile phone use and stress, sleep disturbances, and symptoms of depression among young adults--a prospective cohort study* *BMC Public Health* 11:66 PMID: 21281471
- Tice RR** et al 2002 - *Genotoxicity of radiofrequency signals. 1. Investigation of DNA damage and micronuclei induction in cultured human blood cells* *Bioelectromagnetics* 23:113-126 PMID: 11835258
- Tillmann T** et al 2010 - *Indication of cocarcinogenic potential of chronic UMTS-modulated radiofrequency exposure in an ethylnitrosourea mouse model* *Int J Radiat Biol* 86(7):529-41 PMID: 20545575
- Tiwari R** et al 2008 - *Combinative exposure effect of radio frequency signals from CDMA mobile phones and aphidicolin on DNA integrity* *Electromagn Biol Med* 27(4):418-25 PMID: 19037791
- Tombini M** et al 2013 - *Mobile phone emissions modulate brain excitability in patients with focal epilepsy* *Brain Stimul* 6(3):448-54 PMID: 22889717
- Trade & Industry Select Committee** (UK Parliament) Minutes of 13th March 2001 (pub: 27.03.01), and Notice No. 12, 3 April 2001 HC 330
<http://www.publications.parliament.uk/pa/cm200001/cmselect/cmtrdind/330/33002.htm>
- Travasso C** 2014 - *India opens clinic to help people "addicted" to mobile phones and video games* *BMJ* Jul 4;349:g4439 PMID: 24996888
- Trigano A** et al 2007 - *Risk of cellular phone interference with an implantable loop recorder* *Int J Cardiol* 116(1):126-30 PMID: 16839630
- Trivino Pardo JC** et al 2012 - *Microwave electromagnetic field regulates gene expression in T-lymphoblastoid leukaemia CCRF-CEM cell line exposed to 900 MHz* *Electromagn Biol Med* 31(1):1-18 PMID: 22332889
- Tsybulin O** et al 2013 - *GSM 900 MHz cellular phone radiation can either stimulate or depress early embryogenesis in Japanese quails depending on the duration of exposure* *Int J Radiat Biol* 89(9):756-63 PMID: 23578013
- Tsybulin O** et al 2012 - *GSM 900 MHz microwave radiation affects embryo development of Japanese quails* *Electromagn Biol Med* 31(1):75-86 PMID: 22268787
- Türedi S** et al 2016 - *Disruption of the ovarian follicle reservoir of prepubertal rats following prenatal exposure to a continuous 900-MHz electromagnetic field* *Int J Radiat Biol* 92(6):329-37 PMID: 27007703
- Uloziene I** et al 2005 - *Assessment of potential effects of the electromagnetic fields of mobile phones on hearing* *BMC Public Health* 5(1):39 PMID: 15840162
- Umur AS** et al 2013 - *Evaluation of the effects of mobile phones on the neural tube development of chick embryos* *Turk Neurosurg* 23(6):742-752 PMID: 24310457
- Unterlechner M** et al 2008 - *No effect of an UMTS mobile phone-like electromagnetic field of 1.97 GHz on human attention and reaction time* *Bioelectromagnetics* 29(2):145-53 PMID: 17957702
- Uskalova DV** et al 2016 - *Intravital computer morphometry on protozoa: A method for monitoring of the morphofunctional disorders in cells exposed in the cell phone communication electromagnetic field* *Bull Exp Biol Med* 161(4):554-7 PMID: 27591872
- Valbonesi P** et al 2014 - *Effects of the exposure to intermittent 1.8 GHz radio frequency electromagnetic fields on HSP70 expression and MAPK signaling pathways in PC12 cells* *Int J Radiat Biol* 90(5):382-91 PMID: 24512569

- Valbonesi P** et al 2008 – *Evaluation of HSP70 expression and DNA damage in cells of a human trophoblast cell line exposed to 1.8 GHz amplitude-modulated radiofrequency fields* Radiat Res 169(3):270-9 PMID: 18302482
- Vanderstraeten J & L Verschaeve** 2008 - *Gene and protein expression following exposure to radiofrequency fields from mobile phones* Environ Health Perspect 116(9):1131-5 PMID: 18795152
- van Rongen E** et al 2009 – *Effects of radiofrequency electromagnetic fields on the human nervous system* J Toxicol Environ Health B Crit Rev 12(8):572-97 PMID: 20183535
- Vecchio F** et al 2012 – *Mobile phone emission increases inter-hemispheric functional coupling of electroencephalographic α rhythms in epileptic patients* Int J Psychophysiol 84(2):164-71 PMID: 22326594
- Vecchio F** et al 2012 - *Mobile phone emission modulates event-related desynchronization of alpha rhythms and cognitive-motor performance in healthy humans* Clin Neurophysiol 123(1):121-8 PMID: 21873111
- Vecsei Z** et al 2013 - *Effect of a single 30 min UMTS mobile phone-like exposure on the thermal pain threshold of young healthy volunteers* Bioelectromagnetics 34(7):530-41 PMID: 23787775
- Velayutham P** et al 2014 - *High-frequency hearing loss among mobile phone users* Indian J Otolaryngol Head Neck Surg 66(Suppl 1):169-72 PMID: 24533378
- Velizarov S** et al 1999 – *The effects of radiofrequency fields on cell proliferation are non-thermal* Bioelectrochem Bioenerg 48(1):177-80 PMID: 10228585
- Verschaeve L** 2009 - *Genetic damage in subjects exposed to radiofrequency radiation* Mutat Res 681(2-3):259-70 PMID: 19073278
- Volkov A** (ed.) 2006 - *Plant Physiology – Theory and Methods*, Pub. Springer ISBN 3540327177
- Volkow ND** et al 2011 - *Effects of cell phone radiofrequency signal exposure on brain glucose metabolism* JAMA 305(8):808-13 PMID: 21343580
- Vrijheid M** et al 2009 - *Determinants of mobile phone output power in a multinational study: implications for exposure assessment* Occup Environ Med 66(10):664-71 PMID: 19465409
- Vrijheid M** et al 2006 - *Validation of short term recall of mobile phone use for the Interphone study* Occup Environ Med 63(4): 237-243 PMID: 16556742
- Wang B & H Lai** 2000 - *Acute exposure to pulsed 2450-MHz microwaves affects water-maze performance of rats* Bioelectromagnetics 21(1): 52-56 PMID: 10615092
- Wang Q** et al 2005 – *Effect of 900 MHz electromagnetic fields on the expression of GABA receptor of cerebral cortical neurons in postnatal rats* Wei Sheng Yan Jiu 34(5):546-8
- Wang Q** et al 2005 - *Effect of 900 MHz electromagnetic fields on energy metabolism in postnatal rat cerebral cortical neurons* Wei Sheng Yan Jiu 34(2):155-8
- Wang Q** et al 2004 – *Effect of 900 MHz electromagnetic fields on energy metabolism of cerebral cortical neurons in postnatal rat* Wei Sheng Yan Jiu 33(4):428-9, 432
- Wang Y & X Guo** 2016 – *Meta-analysis of association between mobile phone use and glioma risk* J Cancer Res Ther 12(Supplement):C298-C300 PMID: 28230042
- Wdowiak A** et al 2007 – *Evaluation of the effect of using mobile phones on male fertility* Ann Agric Environ Med 14(1):169-72 PMID: 17655195
- Wessapan T & R Phadungsak** 2014 – *Influence of ambient temperature on heat transfer in the human eye during exposure to electromagnetic fields at 900 MHz* International Journal of Heat and Mass Transfer 70:378-388
- Wessapan T & R Phadungsak** 2013 – *Specific absorption rate and temperature increase in the human eye due to electromagnetic fields exposure at different frequencies* International Journal of Heat and Mass Transfer 64:426-435
- Westerman R & B Hocking** 2004 – *Diseases of modern living: neurological changes associated with mobile phones and radiofrequency radiation in humans* Neurosci Lett 361(1-3):13-6 PMID: 15135881
- Whittow WG** et al 2008 - *On the effects of straight metallic jewellery on the specific absorption rates resulting from face-illuminating radio communication devices at popular cellular frequencies* Phys Med Biol 53(5):1167-82 PMID: 18296756

- Wiholm C** et al 2009 - *Mobile phone exposure and spatial memory* Bioelectromagnetics 30(1):59-65 PMID: 18792947
- Wilén J** et al 2003 - *Subjective symptoms among mobile phone users--a consequence of absorption of radiofrequency fields?* Bioelectromagnetics 24(3):152-9 PMID: 12669297
- Wu W** et al 2008 - *[Blocking 1800 MHz mobile phone radiation-induced reactive oxygen species production and DNA damage in lens epithelial cells by noise magnetic fields]* Zhejiang Da Xue Xue Bao Yi Xue Ban 37(1):34-8 PMID: 18275117
- Xing F** et al 2016 - *1800 MHz microwave induces p53 and p53-mediated caspase-3 activation leading to cell apoptosis in vitro* PLoS One 11(9):e0163935 PMID: 27689798
- Xu S** et al 2010 - *Exposure to 1800 MHz radiofrequency radiation induces oxidative damage to mitochondrial DNA in primary cultured neurons* Brain Res 1311:189-96 PMID: 19879861
- Xu S** et al 2006 - *Chronic exposure to GSM 1800-MHz microwaves reduces excitatory synaptic activity in cultured hippocampal neurons* Neurosci Lett 398(3):253-7 PMID: 16443327
- Yadav S** et al 2014 - *Metal toxicity assessment of mobile phone parts using Milli Q water* Waste Manag 34(7):1274-8 PMID: 24685400
- Yadav AS & MK Sharma** 2008 - *Increased frequency of micronucleated exfoliated cells among humans exposed in vivo to mobile telephone radiations* Mutat Res 650(2):175-80 PMID: 18248768
- Yakymenko I & E Sidorik** 2010 - *Risks of carcinogenesis from electromagnetic radiation of mobile telephony devices* Exp Oncol 32(2):114-6 PMID: 20693976
- Yan JG** et al 2008 - *Upregulation of specific mRNA levels in rat brain after cell phone exposure* Electromagn Biol Med 27(2):147-54 PMID: 18568932
- Yan JG** et al 2007 - *Effects of cellular phone emissions on sperm motility in rats* Fertil Steril 88(4):957-64 PMID: 17628553
- Yang L** et al 2017 - *Long-term evolution electromagnetic fields exposure modulates the resting state EEG on alpha and beta bands* Clin EEG Neurosci 48(3):168-175 PMID: 27118764
- Yang L** et al 2012 - *Cellular neoplastic transformation induced by 916 MHz microwave radiation* Cell Mol Neurobiol 32(6):1039-46 PMID: 22395787
- Yang XS** et al 2012 - *Exposure to 2.45 GHz electromagnetic fields elicits an HSP-related stress response in rat hippocampus* Brain Res Bull 88(4):371-8 PMID: 22513040
- Yeolekar ME & A Sharma** 2004 - *Use of mobile phones in ICU - why not ban?* J Assoc Physicians India 52:311-3 PMID: 15636335
- Yildirim ME** et al 2015 - *What is harmful for male fertility: cell phone or the wireless Internet?* Kaohsiung J Med Sci 31(9):480-4 PMID: 26362961
- Yilmaz A** et al 2016 - *Lasting hepatotoxic effects of prenatal mobile phone exposure* J Matern Fetal Neonatal Med Aug 10:1-5 PMID: 27427155
- Yilmaz A** et al 2014 - *The effects of mobile phones on apoptosis in cerebral tissue: an experimental study on rats* Eur Rev Med Pharmacol Sci 18(7):992-1000 PMID: 24763879
- Yılmaz D & M Yıldız** 2010 - *Analysis of the mobile phone effect on the heart rate variability by using the largest Lyapunov exponent* J Med Syst 34(6):1097-103 PMID: 20703598
- Ylä-Mella J** et al 2015 - *Electronic waste recovery in Finland: Consumers' perceptions towards recycling and re-use of mobile phones* Waste Manag 45:374-84 PMID: 25797074
- Yogesh S** et al 2015 - *Mobile usage and sleep patterns among medical students* Indian J Physiol Pharmacol 58(1):100-3 PMID: 25508317
- Yüksel M** et al 2016 - *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* Endocrine 52(2):352-62 PMID: 26578367
- Yurekli AI** et al 2006 - *GSM base station electromagnetic radiation and oxidative stress in rats* Electromagn Biol Med 25(3):177-88 PMID: 16954120

- Zada G** et al 2012 – *Incidence trends in the anatomic location of primary malignant brain tumors in the United States: 1992-2006* World Neurosurg 77(3-4):518-24 PMID: 22120376
- Zajdel R** 2013 - *Cell phone ringtone, but not landline phone ringtone, affects complex reaction time* Int J Occup Med Environ Health 26(1):102-12 PMID: 23315472
- Zalata A** et al 2015 – *In vitro effect of cell phone radiation on motility, DNA fragmentation and clusterin gene expression in human sperm* Int J Fertil Steril 9(1):129-36 PMID: 25918601
- Zareen N** et al 2009 – *Derangement of chick embryo retinal differentiation caused by radiofrequency electromagnetic fields* Congenit Anom (Kyoto) 49(1):15-9 PMID: 19243412
- Zarghami M** et al 2015 – *The impact of using cell phones after light-out on sleep quality, headache, tiredness, and distractibility among students of a University in north of Iran* Iran J Psychiatry Behav Sci 9(4):e2010 PMID: 26834802
- Zeng QL** et al 2006 – *[Effects of GSM 1800 MHz radiofrequency electromagnetic fields on protein expression profile of human breast cancer cell MCF-7]* Zhonghua Yu Fang Yi Xue Za Zhi 40(3):153-8 PMID: 16836875
- Zhang DY** et al 2006 – *[Effects of GSM 1800 MHz radiofrequency electromagnetic fields on DNA damage in Chinese hamster lung cells]* Zhonghua Yu Fang Yi Xue Za Zhi 40(3):149-52 PMID: 16836873
- Zhang G** et al 2016 – *Effects of cell phone use on semen parameters: Results from the MARHCS cohort study in Chongqing, China* Environ Int 91:116-21 PMID: 26949865
- Zhang J** et al 2017 – *Acute effects of radiofrequency electromagnetic field emitted by mobile phone on brain function* Bioelectromagnetics 38(5):329-338 PMID: 28426166
- Zhang SZ** et al 2008 – *Effect of 1.8 GHz radiofrequency electromagnetic fields on gene expression of rat neurons* Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 26(8):449-52 PMID: 19358751
- Zhang YM** et al 2012 - *Altered expression of matrix metalloproteinases and tight junction proteins in rats following PEMF-induced BBB permeability change* Biomed Environ Sci 25(2):197-202 PMID: 22998827
- Zhao R** et al 2006 – *[Effect of 1.8 GHz radiofrequency electromagnetic fields on the expression of microtubule associated protein 2 in rat neurons]* Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 24(4):222-5 PMID: 16701035
- Zhao YL** et al 2003 – *[Effects of microwave irradiation on ATPase activity and voltage dependent ion channel of rat hippocampus cell membrane]* Space Med Med Eng (Beijing) 16(1):36-40 PMID: 12728960
- Zhijian C** et al 2009 – *Influence of 1.8-GHz (GSM) radiofrequency radiation (RFR) on DNA damage and repair induced by X-rays in human leukocytes in vitro* Mutat Res 677(1-2):100-4 PMID: 19501185
- Zhou Y** et al 2014 – *The relationship between parents addicted to mobile phone and adolescent addicted to the Internet* ICCE2014 Workshop pp 484-488
- Zhou Z** et al 2016 – *Social behavioural testing and brain magnetic resonance imaging in chicks exposed to mobile phone radiation during development* BMC Neurosci 17(1):36 PMID: 27287450
- Zhou ZD** et al 2008 - *[Surface markers and functions of human dendritic cells exposed to mobile phone 1800 MHz electromagnetic fields]* Zhejiang Da Xue Xue Bao Yi Xue Ban 37(1):29-33 PMID: 18275116
- Zilberlicht A** et al 2015 – *Habits of cell phone usage and sperm quality – does it warrant attention?* Reprod Biomed Online 31(3):421-6 PMID: 26206279