

# Recent Research Papers on Wireless Radiation Electromagnetic Fields

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Dr. Joel Moscovitz, University of California Berkeley, has been circulating abstracts of newly-published scientific papers on radio frequency and other non-ionizing electromagnetic fields (EMF) monthly since 2016. The complete collection of these papers contains more than 2,000 abstracts with links to the papers. Several hundred EMF scientists around the world receive these updates.

**Volume 3** contains abstracts of papers published in 2024  
(including the new papers listed below) (217 page pdf):  
<https://bit.ly/EMFstudies-Nov2024>

**Volume 2** contains abstracts of papers published from 2021 through 2023  
(867 page pdf):  
<https://bit.ly/EMFStudies-2021-2023>

**Volume 1** contains abstracts of papers published from 2016 through 2020  
(875 page pdf):  
<https://bit.ly/EMFStudies-2016-2020>

## Recent Research on Wireless Radiation and Electromagnetic Fields include the following :

- Relationship between radiofrequency-electromagnetic radiation from cellular phones and brain tumor: meta-analyses using various proxies for RF-EMR exposure-outcome assessment
- Electromagnetic fields of cellular communication as risk factors able to produce negative effects on the central nervous system of children and adolescents (review)
- Assessing the risk of negative effects produced by electromagnetic fields of cellular communication on the central nervous system of children and adolescents (review). Part 2. Indicators of cognitive processes
- Autonomous nervous system responses to environmental-level exposure to 5G's first deployed band (3.5 GHz) in healthy human volunteers
- Does radiofrequency radiation impact sleep? A double-blind, randomised, placebo-controlled, crossover pilot study
- A review on the consequences of molecular & genomic alterations following exposure to EMF: Remodeling of neuronal network & cognitive changes
- Impact of non-ionising radiation of male fertility: a systematic review
- Exposure to Radiofrequency Electromagnetic Fields Enhances Melanin Synthesis by Activating the P53 Signaling Pathway in Mel-Ab Melanocytes
- Genotoxicity of radiofrequency electromagnetic fields on mammalian cells in vitro: A systematic review with narrative synthesis
- The role of digital device use on the risk of migraine: a univariable and multivariable Mendelian randomization study
- The Effect of Exposure to Mobile Phones on Electrical Cardiac Measurements: A Multivariate Analysis and a Variable Selection Algorithm to Detect the Relationship With Mean Changes
- Use of Mobile Phones and Radiofrequency-Emitting Devices in the COSMOS-France Cohort
- Effects of 1800 MHz and 2100 MHz mobile phone radiation on the blood-brain barrier of New Zealand rabbits

- Effects of 4G Long-Term Evolution Electromagnetic Fields on Thyroid Hormone Dysfunction and Behavioural Changes in Adolescent Male Mice
- Characterising core body temperature response of free-moving C57BL/6 mice to 1.95 GHz whole-body radiofrequency-electromagnetic fields
- Effects of radiofrequency electromagnetic radiation emitted by mobile phones on rat parotid gland histology – an experimental study
- Frequency-Dependent Antioxidant Responses in HT-1080 Human Fibrosarcoma Cells Exposed to Weak Radio Frequency Fields
- The influence of eyelashes on electric field distribution and absorbed power density in the cornea under millimeter-wave exposure
- Exploring the potential link between prostate cancer and magnetic fields
- Electromagnetic Field Exposure in the Public Space of the Slovakian City
- Development of electromagnetic pollution maps utilizing Gaussian process spatial models
- An Analysis of Radio Frequency Radiation Emitted by Smartphones
- The 5G-FR1 Signals: Beams of the Phased Antennas Array and Time-Recurrence of Emissions with Consequences on Human Exposure
- Preliminary Study on the Impact of 900MHz Radiation on Human Sperm: An In Vitro Molecular Approach
- Quantitative Assessment of Thermal Effects on the Auricle Region Caused by Mobile Phones Operating in Different Modes
- Rat brain and testicular tissue effects of radiofrequency radiation exposure: Histopathological, DNA damage of brain and qRT-PCR analysis
- Does Radiofrequency Radiation From Mobile Phones Affect the Formation of Parotid Gland Malignancy? An Experimental Study
- Blueberry anthocyanins regulate SIRT1/FoxO1 pathway to inhibit oxidative stress and reduce testicular tissue damage induced by microwave radiation in rats
- Effects of 4.9 GHz Radiofrequency Field Exposure on Brain Metabolomics and Proteomic Characterization in Mice
- Cellular signalling pathways in the nervous system activated by various mechanical and electromagnetic stimuli
- Neurobiological effects and mechanisms of magnetic fields: a review from 2000 to 2023
- Cellular and Molecular Effects of Magnetic Fields
- Morphological, biochemical and genotoxic effects of non-ionizing radiation at 1800 MHz and 2400 MHz frequencies in *Allium cepa* L
- Representations of 5G in the Chinese and British press: a corpus-assisted critical discourse analysis
- Magnetic fields from indoor transformer stations and risk of cancer in adults: a cohort study
- Exploring Non-Thermal Mechanisms of Biological Reactions to Extremely Low-Frequency Magnetic Field Exposure
- Migratory birds can extract positional information from magnetic inclination and magnetic declination alone
- Indoor & outdoor artificial light-at-night (ALAN) & cancer risk: A systematic review & meta-analysis of multiple cancer sites with a critical appraisal of exposure assessment



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Website – [Electromagnetic Radiation Safety](#)

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