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Subject: 33 New Papers on Electromagnetic Fields and Biology or Health  
To: CHE-EMF (Collaborative on Health and the Environment - EMF) <[cheemf@healthandenvironment.org](mailto:cheemf@healthandenvironment.org)>

## **33 New Papers on Electromagnetic Fields and Biology or Health** **[Electromagnetic Radiation Safety](#)**

June 10, 2024

I have 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.

**To see abstracts for the most recent papers or to download volumes 1 to 3 of this collection go to:**  
**<https://www.saferemr.com/2022/06/recent-research-on-wireless-radiation.html>**

### **[Recent Research on Wireless Radiation and Electromagnetic Fields](#)**

- Evaluation of oxidative stress and genetic instability among residents near mobile phone base stations in Germany**
- Analysis of the metabolic profile of humans naturally exposed to RF-EM radiation**
- Investigation of the Adverse Health Effects of Cell Phone Radiation and Propose Solutions to Minimize Them: A Systematic Review**
- Evaluation of neonatal outcomes according to the specific absorption rate values of phones used during pregnancy**
- 1.7 GHz LTE radiofrequency EMF with stable power monitoring and efficient thermal control has no effect on the proliferation of various human cell types**
- The effects of radiofrequency exposure on cognition: A systematic review and meta-analysis of human observational studies**
- Effects of recall and selection biases on modeling cancer risk from mobile phone use: Results from a case-control simulation study**
- Validation of mobile phone use recall in the multinational MOBI-kids study**
- Micro-environmental personal radio-frequency electromagnetic field exposures in Melbourne: A longitudinal trend analysis**
- Evaluating radiofrequency electromagnetic field exposure in confined spaces: a systematic review of recent studies and future directions**
- Optimal design of electromagnetic field exposure maps in large areas**
- Electromagnetic field exposure monitoring of commercial 28-GHz band 5G base stations in Tokyo, Japan**
- The exposure of nonhuman living organisms to mobile communication emissions: A survey to establish European stakeholders' policy option preferences**
- RF-EMF Exposure Assessment of Fetus During The First Trimester of Pregnancy**
- Regression calibration of self-reported mobile phone use to optimize quantitative risk estimation in the COSMOS study**
- Monitoring of the exposure to electromagnetic fields with autonomous probes installed outdoors in France**
- Statistical Analysis of RF-EMF Exposure Induced by Cellular Wireless Networks in Public Transportation Facilities of the Paris Regionx**
- Expression levels of tam receptors and ligands in the testes of rats exposed to short and middle-term 2100 MHz radiofrequency radiation**
- Effects of non-ionizing radio frequency electromagnetic radiation on the development and behavior of early embryos of *Danio rerio* (zebrafish)**
- Multi-frequency electromagnetic radiation induces anxiety in mice via inflammation in the cerebral cortex**
- The endocannabinoid system is involved in the anxiety-like behavior induced by dual-frequency 2.65/0.8 GHz electromagnetic radiation in mice**
- Assessment of the potential threats to brain health posed by the radiation from 5G sub-6 GHz base stations in China using dosimetric methods**
- Whole-body SAR measurements of millimeter-wave base station in reverberation chambers**
- Retraction notice to "Exercise ameliorates hippocampal damage induced by Wi-Fi radiation; A biochemical, histological, and immunohistochemical study"**
- Review on the impact of cell phone radiation effects on green plants**
- Effect of moisture content variation on dielectric properties of various plant leaves at microwave frequencies**
- How the Impact of Electromagnetic Fields on Plants Can Greatly Increase Severity of and Even Occurrence of "Wildfires": A Four-Part Structure**

**Oxidative Stress Response of Honey Bee Colonies during Long-Term Exposure at a Frequency of 900 MHz under Field Conditions**

**The Cellular Response Is Determined by a Combination of Different ELF-EMF Exposure Parameters: A Scope Review  
Modulation of Zebrafish Heart Rate by Alternating Magnetic Fields With Frequencies Close to Heart Rhythm**

**Prey can detect predators via electroreception in air**

**Associations between solar and geomagnetic activity and cognitive function in the Normative Aging study  
ICNIRP Statement on Short Wavelength Light Exposure from Indoor Artificial Sources and Human Health**

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#### **Recent Posts on Electromagnetic Radiation Safety**

- [Brain Tumor Rates Are Rising in the US: The Role of Cell Phone and Cordless Phone Use](#)
- [Effects of Exposure to Electromagnetic Fields: Thirty Years of Research \(Henry Lai's collection\)](#)
- [Effect of Mobile Phones on Sperm Quality](#)
- [Pregnancy & Wireless Radiation Risks](#)
- [Webinar: Health Hazards of Wireless Technologies: What do we know now?](#)

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#### **Electromagnetic Radiation Safety**

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