

Request for Information on Electromagnetic Fields (EMFs), Radiofrequency (RF) Radiation, and Wireless Radiation Exposure

Public Experiences and Reported Potential Adverse Health Effects

AR Brearley: Attachment 2 for Question 3g

A. List of Research Publications

The following list of research papers, mostly peer reviewed, are those that I have obtained in full during my investigations into the health effects I suffered as a result of having digital electricity meters installed in my home:

1. Belpomme D, Irigaray P. "Why electrohypersensitivity and related symptoms are caused by non-ionizing man-made electromagnetic fields: An overview and medical assessment." *Environ Res.* 2022 Sep;212(Pt A):113374. doi: 10.1016/j.envres.2022.113374. Epub 2022 May 7. PMID: 35537497.
2. Belpomme, Dominique & Campagnac, Christine & Irigaray, Philippe. (2015). "Reliable disease biomarkers characterizing and identifying electrohypersensitivity and multiple chemical sensitivity as two etiopathogenic aspects of a unique pathological disorder." *Reviews on environmental health.* 30. 251-271. 10.1515/reveh-2015-0027.
3. Dart P, Cordes K, Elliott A, Knackstedt J, Morgan J, Wible P, Baker S. (2013) "Biological and health effects of microwave radio frequency transmissions. A review of the research literature." apps.fcc.gov/.../GetAtt.html
4. Ebrahim, Shaban & Azab, Azab & Albasha, Mohamed & Albishti, Naser. (2016). "The Biological Effects of Electromagnetic Fields on Human and Experimental Animals." *International Research Journal of Natural and Applied Sciences.* 3. 106-121.
5. Greco, F.; Garnier, O.; Macioce, V.; Picot, M.C. "Prevalence of Migraine Disease in Electrohypersensitive Patients." *J. Clin. Med.* 2023, 12, 4092. doi.org/.../jcm12124092
6. Havas M. "Radiation from wireless technology affects the blood, the heart, and the autonomic nervous system." *Rev Environ Health.* 2013;28(2-3):75-84. doi: 10.1515/reveh-2013-0004. PMID: 24192494.
7. Havas, Magda. (2006). "Electromagnetic Hypersensitivity: Biological Effects of Dirty Electricity with Emphasis on Diabetes and Multiple Sclerosis." *Electromagnetic biology and medicine.* 25. 259-68. 10.1080/15368370601044192.
8. He Z, Qiu F, Yang J and Zhao M (2024) "The role of digital device use on the risk of migraine: a univariable and multivariable Mendelian randomization study." *Front. Neurol.* 15:1462414. doi: 10.3389/fneur.2024.1462414
9. Hecht K, Kern M, Richter K, Scheiner H-C. 2012 "Health Implications of Long-term Exposure to Electrosmog." *Competence Initiative for the Protection of Humanity, the Environment and Democracy e.V.* ISBN 978-3-9812598-4-1

10. Legros A, Modolo J, Brown S, Roberston J, Thomas AW (2015) "Effects of a 60 Hz Magnetic Field Exposure Up to 3000 μ T on Human Brain Activation as Measured by Functional Magnetic Resonance Imaging." PLoS ONE 10(7): e0132024. doi:10.1371/journal.pone.0132024
11. Mevissen M, Ducray A, Ward JM, Kopp-Schneider A, McNamee JP, Wood AW, Rivero TM, Straif K. Effects of radiofrequency electromagnetic field exposure on cancer in laboratory animal studies, a systematic review. Environ Int. 2025 May;199:109482. doi: 10.1016/j.envint.2025.109482. Epub 2025 Apr 25. PMID: 40339346.
12. Maisch D., "Chronic Fatigue Syndrome (CFS) and sleep disorders: Evidence that extremely low frequency magnetic fields and radiofrequency electromagnetic fields are factors to investigate in treatment", ACNEM Journal Vol. 39, No. 1, April 2020.
13. Michael Bevington (2025), "Diagnosing electromagnetic hypersensitivity (EHS)", Open Access Government July 2025, pp.72-73. [doi.org/.../OAG-047-11816](https://doi.org/10.1002/OAG-047-11816)
14. Milham S. "Attention deficit hyperactivity disorder and dirty electricity." J Dev Behav Pediatr. 2011 Oct;32(8):634. doi: 10.1097/DBP.0b013e31822f8da7. PMID: 21904211.
15. Milham S. "Evidence that dirty electricity is causing the worldwide epidemics of obesity and diabetes." Electromagn Biol Med. 2014 Jan;33(1):75-8. doi: 10.3109/15368378.2013.783853. Epub 2013 Jun 19. PMID: 23781992.
16. Pall ML. "Electromagnetic fields act via activation of voltage-gated calcium channels to produce beneficial or adverse effects." J Cell Mol Med. 2013 Aug;17(8):958-65. doi: 10.1111/jcmm.12088. Epub 2013 Jun 26. PMID: 23802593; PMCID: PMC3780531.
17. Panagopoulos DJ, Karabarbounis A, Yakymenko I, Chrousos GP. "Human-made electromagnetic fields: Ion forced-oscillation and voltage-gated ion channel dysfunction, oxidative stress and DNA damage (Review)." Int J Oncol. 2021 Nov;59(5):92. doi: 10.3892/ijo.2021.5272. Epub 2021 Oct 7. PMID: 34617575; PMCID: PMC8562392.
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19. Peter Hensinger / Bernd I. Budzinski (2024): "Why electrohypersensitivity (EHS) is a biologically expected reaction to harmful radiation", environment-medicine-society 2/2024
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