



## Scientific Citations on Effects of Wi-Fi Radiation

Pall M., [Wi-Fi is an important threat to human health](#), Environmental Research Volume 164, July 2018, Pages 405-416

Clegg, Frank M. et al. 2019. ["Building Science and Radiofrequency Radiation:What Makes Smart and Healthy Buildings."](#) Building and Environment: 106324.

Hedendahl, Lena K., et al. ["Measurements of Radiofrequency Radiation with a body-borne exposimeter in Swedish schools with Wi-Fi."](#) Frontiers in Public Health 5 (2017): 279.

Fahmy, H., & Mohammed, F. (2020). [Hepatic injury induced by radio frequency waves emitted from conventional Wi-Fi devices in Wistar rats.](#) Human & Experimental Toxicology. <https://doi.org/10.1177/0960327120946470>

Ibitayo, A., Afolabi, O., Akinyemi, A., Ojiezeh, T., Adekoya, K. and Ojewunmi, O., 2017. [RAPD Profiling, DNA Fragmentation, and Histomorphometric Examination in Brains of Wistar Rats Exposed to Indoor 2.5 Ghz Wi-Fi Devices Radiation.](#) BioMed Research International, 2017, pp.1-6.

Afolabi Olakunle Bamikole, Obajuluwa Adejoke Olukayode, Tiwa Obajuluwa, Okiki Pius, Oloyede Omotade Ibidun, Fadaka Oluwaseun Adewale, Ojo Oluwafemi Adeleke. [Exposure to a 2.5 GHz Non-ionizing Electromagnetic Field Alters Hematological Profiles, Biochemical Parameters, and Induces Oxidative Stress in Male Albino Rats \[J\].](#) Biomedical and Environmental Sciences, 2019, 32(11): 860-863.

Atasoy H.I. et al. ["Immunohistopathologic demonstration of deleterious effects on growing rat testes of radiofrequency waves emitted from conventional Wi-Fi devices."](#) Journal of Pediatric Urology, vol. 9, no. 2, 2012, pp. 223-9.

Avendaño, C., et al. ["Use of laptop computers connected to internet through Wi-Fi decreases human sperm motility and increases sperm DNA fragmentation."](#) Fertility and Sterility, vol. 97, no. 1, 2012, pp. 39-45.

Li ZQ et al., [Testing of behavioral and cognitive development in rats after prenatal exposure to 1800 and 2400 MHz radiofrequency fields.](#) J Radiat Res. 2020 Mar 23;61(2):197-206.

Yüksel, M. et al. ["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, vol. 52, no. 2, 2015, pp. 352-62.

Siervo, B. [Numerical evaluation of human exposure to WiMax patch antenna in tablet or laptop](#), Bioelectromagnetics. 2018

Gupta SK, Patel SK, Tomar MS, Singh SK, Mesharam MK, Krishnamurthy S. [Long-term exposure of 2450 MHz electromagnetic radiation induces stress and anxiety like behavior in rats.](#) Neurochemistry International. Publ. online Apr 4, 2019.

Shahin, Saba, et al. ["2.45 GHz Microwave radiation impairs hippocampal learning and spatial memory: Involvement of local stress mechanism induced suppression of iGluR/ERK/CREB signaling."](#) Toxicological Sciences (2017).

Hassanshahi, A., et al. ["The effect of Wi-Fi electromagnetic waves in unimodal and multimodal object recognition tasks in male rats."](#) Neurological Sciences, 2017, pp. 1-8.

Akdag, M.Z., et al. ["Does prolonged radiofrequency radiation emitted from Wi-Fi devices induce DNA damage in various tissues of rats?"](#) Journal of Chemical Neuroanatomy, vol. 75, pt. B, 2016, pp. 116-22.

Kuybulu, A.E., et al. ["Effects of long-term pre- and post-natal exposure to 2.45GHz wireless devices on developing male rat kidney."](#) Renal Failure, vol. 38, no. 4, 2016, pp. 571-80.

Celik, O., M.C. Kahya and M. Naziroglu. ["Oxidative stress of brain and liver is increased by Wi-Fi \(2.45GHz\) exposure of rats during pregnancy and the development of newborns."](#) Journal of Chemical Neuroanatomy, vol. 75, pt. B, 2015, pp. 134-9.

Dasdag, S., et al. ["Effects of 2.4 GHz radiofrequency radiation emitted from Wi-Fi equipment on microRNA expression in brain tissue."](#) International Journal of Radiation Biology, vol 91, no. 7, 2015, pp. 555-61.

Deshmukh, P.S., et al. ["Cognitive impairment and neurogenotoxic effects in rats exposed to low-intensity microwave radiation."](#) International Journal of Toxicology, vol. 34, no. 3, 2015, pp. 284-90.

Megha, K., et al. ["Low intensity microwave radiation induced oxidative stress, inflammatory response and DNA damage in rat brain."](#) Neurotoxicology, vol. 51, 2015, pp. 158-65.

Misa-Agustiño, M.J. et al. "[Exposure to non-ionizing radiation provokes changes in rat thyroid morphology and expression of HSP-90.](#)" Experimental Biology and Medicine, vol. 240, no. 9, 2015, pp. 1123-35.

Saili, L., et al. "[Effects of acute exposure to WIFI signals \(2.45GHz\) on heart variability and blood pressure in Albinos rabbit.](#)" Environmental Toxicology and Pharmacology, vol. 40, no. 2, 2015, pp. 600-5.

Sangun, O., et al. 2015. "[The effects of long-term exposure to a 2450 MHz electromagnetic field on growth and pubertal development in female Wistar rats.](#)" Electromagnetic Biology and Medicine, vol. 34, no. 1, 2015, pp. 63-7.

Shahin, S., et al. "[2.45GHz microwave radiation impairs learning and spatial memory via oxidative/nitrosative stress induced p53 dependent/independent hippocampal apoptosis: molecular basis and underlying mechanism.](#)" Toxicology Science, vol. 148, no. 2, 2015, pp. 380-99.

Papageorgio, C.C., et al. "[Effects of Wi-Fi signals on the p300 component of event-related potentials during an auditory hayling task.](#)" Journal of Integrative Neuroscience, vol. 10, no. 2, 2011, pp. 189-202.

Kesari, K.K. and J. Behari. "[Effects of microwave at 2.45 GHz radiations on reproductive system of male rats.](#)" Toxicological and Environmental Chemistry, vol. 92, no. 6, 2010, pp. 1135-47.

Maganioti, A. E., et al. "[Wi-Fi electromagnetic fields exert gender related alterations on EEG.](#)" 6th International Workshop on Biological Effects of Electromagnetic fields, 2010.

Gumral, N., et al. "[Effects of selenium and L-carnitine on oxidative stress in blood of rat induced by 2.45-GHz radiation from wireless devices.](#)" Biological Trace Elements Research, vol. 132, no. 1-3, 2009, pp. 153-63.

Naziroğlu, M. and N. Gumral. "[Modulator effects of L-carnitine and selenium on wireless devices \(2.45 GHz\)-induced oxidative stress and electroencephalography records in brain of rat.](#)" International Journal of Radiation Biology, vol 85, no. 8, 2009, pp. 680-9.

Sinha, R.K. "[Chronic non-thermal exposure of modulated 2450 MHz microwave radiation alters thyroid hormones and behavior of male rats.](#)" International Journal of Radiation Biology, vol. 84, no. 6, 2008, pp. 505-13.

Paulraj, R. and J. Behari. "[Single strand DNA breaks in rat brain cells exposed to microwave radiation.](#)" Mutation Research, vol 596, no. 1-2, 2006, pp. 76-80.