

After-effect induced by microwave radiation in human electroencephalographic signal : a feasibility study

Bachmann, Maie; Päske, Laura; Ioannides, Andreas A.; Lass, Jaanus; Hinrikus, Hiie International journal of radiation biology 2018 / p. 896–901 : ill <https://doi.org/10.1080/09553002.2018.1478164> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aspects on the International Commission on Non-Ionizing Radiation Protection (ICNIRP) 2020 Guidelines on Radiofrequency Radiation

Hardell, Lennart; Nilsson, Mona; Koppel, Tarmo; Carlberg, Michael Journal of Cancer Science and Clinical Therapeutics 2021 / p. 250-285 <https://doi.org/10.26502/jcsct.5079117>

Bispectrum for the detection of the effect of photic and microwave stimulation on human EEG

Parts, Maie; Lipping, Tarmo; Lass, Jaanus; Hinrikus, Hiie Proceedings of the 25th Annual International Conference of the IEEE Engineering in Medicine and Biology Society. Vol. 25, A New Beginning for Human Health : volume 3 of 4 : 17-21 September 2003, Cancun, Mexico 2003 / p. 2327-2330 : ill

Brain stimulation by modulated microwave radiation: a feasibility study

Bachmann, Maie; Bachmann, Jaanus; Ioannides, Andreas A.; Hinrikus, Hiie 2018 EMF-Med 1st World Conference on Biomedical Applications of Electromagnetic Fields (EMF-Med), 10-13 Sept. 2018 2018 / 2 p <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8526055&tag=1>

Changes in EEG caused by modulated microwave field

Hinrikus, Hiie; Lass, Jaanus; Parts, Maie; Tuulik, Viu EBEA 2003 : 6th International Congress of the European Bioelectromagnetics Association (EBEA) : 13-15 November 2003 : Budapest, Hungary : book of abstracts 2003 / p. 171

Changes in human EEG caused by low level modulated microwave stimulation

Hinrikus, Hiie; Parts, Maie; Lass, Jaanus; Tuulik, Viu Bioelectromagnetics 2004 / p. 431-440 : ill

Detection of the effect of weak stressors on human resting electroencephalographic signal = Nõrkade stressorite mõju avastamine inimese puhkeoleku elektroentsefalograafilises signaalis

Suhhova, Anna 2012

Effect of 450 MHz microwave modulated with 217 Hz on human EEG in rest

Bachmann, Maie; Säkki, Maksim; Kalda, Jaan; Lass, Jaanus; Tuulik, Viu; Hinrikus, Hiie The environmentalist 2005 / 2/4, p. 165-171

Effect of microwave radiation on human EEG at two different levels of exposure

Suhhova, Anna; Bachmann, Maie; Karai, Deniss; Lass, Jaanus; Hinrikus, Hiie Bioelectromagnetics 2012 / 11 p. : ill

Effect of modulated microwave radiation on electroencephalographic rhythms and cognitive processes

Hinrikus, Hiie; Bachmann, Maie; Lass, Jaanus; Tuulik, Viu Estonian journal of engineering 2008 / 2, p. 91-106 : ill

Effect of modulated microwave radiation on human resting electroencephalographic signal = Moduleeritud mikrolainekiirguse mõju inimese puhkeoleku elektroentsefalograafilisele signaalile

Bachmann, Maie 2008 http://www.eester.ee/record=b2373842*est

Effect of the microwave radiation on human EEG at different modulation frequencies [Electronic resource]

Hinrikus, Hiie; Bachmann, Maie; Lass, Jaanus; Tuulik, Viu Medicon and Health Telematics 2004 "Health in the Information Society" : Xth Mediterranean Conference on Medical and Biological Engineering : July 31 - August 5, 2004, Ischia, Naples-Italy 2004 / [4] p. : ill. [CD-ROM]

Exposure to radiofrequency electromagnetic fields from mobile networking in motor-cars

Koppel, Tarmo; Ahonen, Mikko Bulgarian journal of public health = Българско списание за обществено здраве 2015 / p. 24-30 : ill http://ncphp.government.bg/files/spisanie/BG_JURNAL_2015_2_1.pdf

Exposure to radiofrequency electromagnetic fields from mobile networking in motor-cars [Electronic resource]

Koppel, Tarmo; Ahonen, Mikko The 8th International Workshop on Biological Effects of Electromagnetic Fields : papers 2014 / [CD-ROM]

Influence of low-level microwave radiation on nerve pulse conduction velocity

Hinrikus, Hiie; Lass, Jaanus; Karai, Deniss; Kalda, Jaak; Tomson, Ruth; Tuulik, Viu Biological Effects of EMFs 3rd International Workshop : Kos, Greece, 4-8 October 2004 : proceedings. Volume 2 2004 / p. 641-648 : ill

Interaction of CuCl₂ with poly(ethylene glycol) under microwave radiation

Tverjanovich, Andrey; Grevtsev, A. S.; Bereznev, Sergei Materials research express 2017 / art. 015006, p. 1-6 : ill <https://doi.org/10.1088/2053-1591/aa52d0>

Interaction of low-level microwave radiation with nervous system - a quasi-thermal effect?

Hinrikus, Hiie; Lass, Jaanus; Tuulik, Viuu Proceedings of the Estonian Academy of Sciences. Engineering 2004 / 2, p. 82-94

Low-level microwave effect on nerve pulse propagation velocity

Hinrikus, Hiie; Lass, Jaanus; Tuulik, Viuu Proceedings of the 25th Annual International Conference of the IEEE Engineering in Medicine and Biology Society. Vol. 25, A New Beginning for Human Health : volume 4 of 4 : 17-21 September 2003, Cancun, Mexico 2003 / p. 3253-3256 : ill <https://doi.org/10.1109/IEMBS.2003.1280837>

Low-level microwave effects on EEG alpha and theta waves [Electronic resource]

Parts, Maie; Lass, Jaanus; Lipping, Tarmo; Tuulik, Viuu; Hinrikus, Hiie Proceedings of World Congress on Medical Physics and Biomedical Engineering : Sidney, Australia, 2003 2003 / [4] p. [CD-ROM]

Mechanism of low-level microwave radiation effect on brain : frequency limits

Hinrikus, Hiie; Bachmann, Maie; Lass, Jaanus EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 647-650 https://doi.org/10.1007/978-981-10-5122-7_162

Microwave reflection and absorption properties of wet snow

Koppel, Tarmo; Haldre, Heldur; Shishkin, Andrei Riga Technical University 57th International Scientific Conference : "Scientific Conference on Economics and Entrepreneurship" (SCEE'2016) : proceedings 2016 / p. 170-171 : ill

Microwave treatment against the attack of wood boring in timber structures

Mölder, Heigo; Järvik, Jaan; Pilt, Kalle; Märss, Mairo; Reiska, Rein Agronomy research 2013 / p. 497–504 : ill

Ohtlik või ohutu? : [mikrolainekeirguse mõju] kommenteerib Hiie Hinrikus

Hinrikus, Hiie Marie Claire 2010 / 3, lk. 63

Salt water sprayed paper microwave attenuation in shielding workplaces

Koppel, Tarmo; Shishkin, Andrei; Haldre, Heldur Riga Technical University 57th International Scientific Conference : "Scientific Conference on Economics and Entrepreneurship" (SCEE'2016) : proceedings 2016 / p. 172-173 : ill

Shielding inbound microwave electromagnetic radiation

Koppel, Tarmo; Haldre, Heldur 56th International Riga Technical University Conference "Scientific Conference on Economics and Entrepreneurship SCEE'2015" : proceedings 2015 / p. 151-153 : tab

Special Issue : Electromagnetic fields in biology and medicine

Hinrikus, Hiie; Karpowicz, Jolanta; Naarala, Jonne International journal of radiation biology 2018 / p. 873-876
<https://doi.org/10.1080/09553002.2018.1533359> <https://doi.org/10.1080/09553002.2018.1540815> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Understanding physical mechanism of low-level microwave radiation effect

Hinrikus, Hiie; Bachmann, Maie; Lass, Jaanus International journal of radiation biology 2018 / p. 877–882 : ill
<https://doi.org/10.1080/09553002.2018.1478158> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)