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Research output: Scientific - peer-review › Conference contribution

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Mäntysalo, Matti; Vuorinen, Tiina; Suikkola, Jari / Printed epidermal electronic system.
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Research output: Scientific - peer-review › Conference contribution

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Korpinnen, Leena; Lähdetie, Artturi; Amundin, Åke; Piippo, Hannu; Sydänheimo, Lauri / Examples of extremely low-frequency magnetic fields in a Finnish metro station.
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Khonsari, Zahra; Björninen, Toni; Sydänheimo, Lauri; Tentzeris, Manos M.; Ukkonen, Leena / Inkjet-printed monopole antenna and voltage doubler on cardboard for RF energy harvesting.
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Research output: Scientific - peer-review › Article

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Research output: Scientific - peer-review › Conference contribution

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Pääkkönen, Rauno; Lundström, Marko; Mustaparta, Jari ; Korpinen, Leena / Exposure to RF fields during the remote readings of the smart meter in Finland.
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Akbari, Mitra; Sydänheim, Lauri; Juuti, Jari; Ukkonen, Leena / Flash Reduction of Inkjet Printed Graphene Oxide on Flexible Substrates for Electronic Applications.
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Vuorinen, Tiina; Niittynen, Juha; Kankkunen, Timo; Lammi, Toni; Mäntysalo, Matti / Inkjet-printed push-buttons for epidermal electronics.
Saghlatoon, Hossein; Björninen, Toni; Sydänheimo, Lauri; Tentzeris, Manos M.; Ukkonen, Leena / **Inkjet-printed wideband planar monopole antenna on cardboard for RF energy-harvesting applications.**
Research output: Scientific - peer-review › Article

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Pääkkönen, Rauno; Gobba, Fabriziomaria; Korpinen, Leena / **LED Lighting Interviews and Assessment in Forest Machines.**
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Tarao, Hiroo; Korpinen, Leena; Hayashi, Noriyuki; Isaka, Katsuo / **Measurements of magnetic fields and contact currents produced by domestic induction hobs.**
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Gobba, Fabriziomaria; Rossi, Paolo; Bravo, Giulia; Contessa, Gian Marco; Korpinen, Leena / **Occupational and environmental exposure to extremely low frequency magnetic fields in a large group of workers.**
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Akbar, Rehman; Filanovsky, Igor; Järvenhaara, Jani; Tchamov, Nikolay / **Operation and Design of VHF Self-Oscillating DC-DC Converter with Integrated Transformer.**
Research output: Scientific - peer-review › Conference contribution

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Björninen, Toni; Sydänheimo, Lauri; Ukkonen, Leena; Rahmat-Samii, Yahya / Advances in antenna designs for UHF RFID tags mountable on conductive items.
Research output: Scientific - peer-review › Article

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Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Article

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Research output: Scientific - peer-review › Conference contribution

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Zakrzewski, Mari; Joutsen, Atte; Hännikäinen, Jaana; Palovuori, Karri / A Versatile Synchronization System for Biomedical Sensor Development.
Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Conference contribution

Magne, Isabelle; Korpinen, Leena; Souques, Martine / Cardiac pacemakers and electromagnetic fields : comparison of experimental results in France and Finland.
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Amendola, Sara; Moradi, Elham; Koski, Karoliina; Björninen, Toni; Sydänheimo, Lauri; Ukkonen, Leena; Rabaey, Jan M.; Rahmat-Samii, Yahya / Design and Optimization of mm-Size Implantable and Wearable On-Body Antennas for Biomedical Systems. European Conference on Antennas and Propagation digest, 6-11 April, 2014, Hague, Netherlands. Institute of Electrical and Electronics Engineers IEEE, 2014. p. 520-524. Research output: Scientific - peer-review › Conference contribution
Gobba, Fabriziomaria; Korpinen, Leena / **Exposure to EMF and health issues.**  
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Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Conference contribution

Tamminen, Pasi; Viheräkoski, Toni; Reinvuo, Tuomas; Sydänheimo, Lauri; Ukkonen, Leena / **Field Collapse Event ESD Test Method.**  
Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Article

Gobba, Fabriziomaria; Korpinen, Leena / **Health surveillance according to the new EU directive 2013/35/EU: possible criteria.**  
Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Conference contribution

Zhang, Xiao Dong; Yang, Ming Hao; Virkki, Johanna; Björninen, Toni; Merilampi, Sari; Sydänheimo, Lauri; Chan, Yan-Cheong; Ukkonen, Leena / **Impact of antenna-fiber alignment and recurrent stretching on the performance of passive UHF RFID tags based on textile antennas.**  
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Sillanpää, Hannu; Vehkaoja, Antti; Vorobiev, Dmitri; Nurmentaus, Sampo; Lekkala, Jukka; Mäntysalo, Matti / Integration of inkjet and RF SoC technologies to fabricate wireless physiological monitoring system. 2014 Electronics System-Integration Technology Conference (ESTC), 16-18 September 2014, Helsinki, Finland. Institute of Electrical and Electronics Engineers IEEE, 2014. p. 1-5.

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Rao, Sudhakar; Llombart, Nuria; Moradi, Elham; Koski, Karolina; Björminen, Toni; Sydänheimo, Lauri; Rabaey, Jan M.; Carmena, Jose M.; Rahmat-Samii, Yahya; Ukkonen, Leena / Miniature implantable and wearable on-body antennas: Towards the new era of wireless body-centric systems.  

Janka, Marika; Raumonen, Pasi; Tuukkanen, Sampo; Lupo, Donald / Modelling of Joule heating based self-alignment method for metal grid line passivation.  


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Research output: Scientific - peer-review › Article

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Research output: Scientific - peer-review › Article


Occhionero, Vincenzo; Korpinen, Leena; Gobba, Fabriziomaria / Upper limb musculoskeletal disorders in healthcare personnel.
Research output: Scientific - peer-review › Article

Pensas, Harri; Vainio, Antti-Matti; Garschall, Markus; Kivimäki, Tero; Konakas, Stratis; Costicoglou, Socrates; Vanhala, Jukka / Using Ambient Communication and Social Networking Technologies to Reduce Loneliness of Elders.
Research output: Scientific - peer-review › Conference contribution

Moradi, Elham; Amendola, Sara; Björninen, Toni; Sydänheimo, Lauri; Ukkonen, Leena; Carmena, Jose M.; Rabaey, Jan M. / Wireless testing of ink-jet printed mm-size gold implant antennas for brain-machine interfaces.
Research output: Scientific - peer-review › Conference contribution

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