

- Farah, J. et al. "A correlation study of eye lens dose and personal dose equivalent for interventional cardiologists". *Radiation Protection Dosimetry*. 2013, 157(4). 561-569. <https://doi.org/10.1093/rpd/nct180>
- Koljonen, Ville et al. "A mathematical model and iterative inversion for fluorescent optical projection tomography". *Physics in Medicine and Biology*. 2019. 64(4). <https://doi.org/10.1088/1361-6560/aafd63>
- Vorwerk, J. et al. "A Mixed Finite Element Method to Solve the EEG Forward Problem". *IEEE Transactions on Medical Imaging*. 2017, 36(4). 930-941. <https://doi.org/10.1109/TMI.2016.2624634>
- Betrouni, Nacim et al. "A model to estimate the outcome of prostate cancer photodynamic therapy with TOOKAD soluble WST11". *Physics in Medicine and Biology*. 2011, 56(15). 4771-4783. <https://doi.org/10.1088/0031-9155/56/15/009>
- Farah, J. et al. "Application of the ELDO approach to assess cumulative eye lens doses for interventional cardiologists". *Radiation Protection Dosimetry*. 2015, 164(1-2). 84-88. <https://doi.org/10.1093/rpd/ncu315>
- Pursiainen, S., F. Lucka ja C. H. Wolters. "Complete electrode model in EEG: Relationship and differences to the point electrode model". *Physics in Medicine and Biology*. 2012, 57(4). 999-1017. <https://doi.org/10.1088/0031-9155/57/4/999>
- Marmin, C. et al. "Computed tomography of the parathyroids: The value of density measurements to distinguish between parathyroid adenomas of the lymph nodes and the thyroid parenchyma". *Diagnostic and interventional imaging*. 2012, 93(7-8). 597-603. <https://doi.org/10.1016/j.diii.2012.05.008>
- Boulouis, G. et al. "CT and MRI imaging at the acute phase of inaugural non-traumatic hepatic haemorrhages". *JOURNAL DE RADIOLOGIE DIAGNOSTIQUE ET INTERVENTIONNELLE*. 2013, 94(3). 292-299. <https://doi.org/10.1016/j.diii.2012.09.004>
- Brander, Antti et al. "Diffusion tensor imaging of the cervical spinal cord in healthy adult population: Normative values and measurement reproducibility at 3t mri". *Acta Radiologica*. 2014, 55(4). 478-485. <https://doi.org/10.1177/0284185113499752>
- Jäntti, Ville et al. "Electroencephalographic signals during anesthesia recorded from surface and depth electrodes". *International Journal of Radiation Biology*. 2018, 94(10). 934-943. <https://doi.org/10.1080/09553002.2018.1478159>
- Laaksomaa, Marko et al. "Evaluation of overall setup accuracy and adequate setup margins in pelvic image-guided radiotherapy: Comparison of the male and female patients". *MEDICAL DOSIMETRY*. 2014, 39(1). 74-78. <https://doi.org/10.1016/j.meddos.2013.09.009>
- Marqa, Mohamad Feras et al. "Focal Laser Ablation of Prostate Cancer: Numerical Simulation of Temperature and Damage Distribution". *BioMedical Engineering Online*. 2011. 10. <https://doi.org/10.1186/1475-925X-10-45>
- Kauppi, Jukka-Pekka et al. "Functional brain segmentation using inter-subject correlation in fMRI". *Human Brain Mapping*. 2017, 38(5). 2643-2665. <https://doi.org/10.1002/hbm.23549>
- Ernst, O. et al. "Iron overload of hematological origin: validation of a screening procedure for cardiac overload by MRI in routine clinical practice.". *Diagnostic and interventional imaging*. 2013, 94(6). 601-608.
- Böttrich, Marcel, Jarno M.A. Tanskanen, ja Jari A.K. Hyttinen. "Lead field theory provides a powerful tool for designing microelectrode array impedance measurements for biological cell detection and observation". *BioMedical Engineering Online*. 2017. 16(1). <https://doi.org/10.1186/s12938-017-0372-5>
- Pyysalo, Liisa M. et al. "Long-term MRI findings of patients with embolized cerebral aneurysms". *Acta Radiologica*. 2011, 52(2). 204-210. <https://doi.org/10.1258/ar.2010.100127>

Paci, Michelangelo et al. "Mathematical modelling of the action potential of human embryonic stem cell derived cardiomyocytes". *BioMedical Engineering Online*. 2012. 11. <https://doi.org/10.1186/1475-925X-11-61>

Borges, Lucas R. et al. "Method for Simulating Dose Reduction in Digital Breast Tomosynthesis". *IEEE Transactions on Medical Imaging*. 2017, 36(11). 2331-2342. <https://doi.org/10.1109/TMI.2017.2715826>

Sikiö, Minna et al. "MR image texture in Parkinson's disease: A longitudinal study". *Acta Radiologica*. 2015, 56(1). 97-104. <https://doi.org/10.1177/0284185113519775>

Rezaei, A., A. Koulouri, ja S. Pursiainen. "Randomized Multiresolution Scanning in Focal and Fast E/MEG Sensing of Brain Activity with a Variable Depth". *Brain Topography*. 2020, 33(2). 161-175. <https://doi.org/10.1007/s10548-020-00755-8>

Tarao, Hiroo et al. "Simple estimation of induced electric fields in nervous system tissues for human exposure to non-uniform electric fields at power frequency". *Physics in Medicine and Biology*. 2016, 61(12). 4438-4451. <https://doi.org/10.1088/0031-9155/61/12/4438>

Lenk, Kerstin et al. "Simulation of developing human neuronal cell networks". *BioMedical Engineering Online*. 2016. 15(1). <https://doi.org/10.1186/s12938-016-0226-6>

Ilvesmäki, Tero et al. "Spinal cord injury induces widespread chronic changes in cerebral white matter". *Human Brain Mapping*. 2017, 38(7). 3637-3647. <https://doi.org/10.1002/hbm.23619>

Abu Khamidakh, Amna E. et al. "Wound healing of human embryonic stem cell-derived retinal pigment epithelial cells is affected by maturation stage". *BioMedical Engineering Online*. 2018. 17(1). <https://doi.org/10.1186/s12938-018-0535-z>