

# Marko Pesola

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4270756/publications.pdf>

Version: 2024-02-01

23  
papers

1,011  
citations

516215

16  
h-index

676716

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1617  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Whole Brain Adiabatic T1rho and Relaxation Along a Fictitious Field Imaging in Healthy Volunteers and Patients With Multiple Sclerosis: Initial Findings. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 866-879.                                       | 1.9 | 1         |
| 2  | Repeatability of radiomics and machine learning for DWI: Short-term repeatability study of 112 patients with prostate cancer. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 2293-2309.  | 1.9 | 23        |
| 3  | Prediction of prostate cancer aggressiveness using 18F-Fluciclovine (FACBC) PET and multisequence multiparametric MRI. <i>Scientific Reports</i> , 2020, 10, 9407.  | 1.6 | 3         |
| 4  | Validation of automated magnetic resonance image segmentation for radiation therapy planning in prostate cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2020, 13, 14-20.  | 1.2 | 14        |
| 5  | Radiomics and machine learning of multisequence multiparametric prostate MRI: Towards improved non-invasive prostate cancer characterization. <i>PLoS ONE</i> , 2019, 14, e0217702.   | 1.1 | 76        |
| 6  | Assessment of dosimetric and positioning accuracy of a magnetic resonance imaging-only solution for external beam radiotherapy of pelvic anatomy. <i>Physics and Imaging in Radiation Oncology</i> , 2019, 11, 1-8.   | 1.2 | 23        |
| 7  | Prospective evaluation of 18F-FACBC PET/CT and PET/MRI versus multiparametric MRI in intermediate- to high-risk prostate cancer patients (FLUCIPRO trial). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 355-364.                 | 3.3 | 66        |
| 8  | Fitting methods for intravoxel incoherent motion imaging of prostate cancer on region of interest level: Repeatability and gleason score prediction. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1249-1264.   | 1.9 | 48        |
| 9  | MR signal-fat-fraction analysis and T2* weighted imaging measure BAT reliably on humans without cold exposure. <i>Metabolism: Clinical and Experimental</i> , 2017, 70, 23-30.  | 1.5 | 48        |
| 10 | Relaxation along fictitious field, diffusion-weighted imaging, and T <sub>2</sub> mapping of prostate cancer: Prediction of cancer aggressiveness. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2130-2140.   | 1.9 | 15        |
| 11 | Diffusion weighted imaging of prostate cancer: Prediction of cancer using texture features from parametric maps of the monoexponential and kurtosis functions. , 2016, , .  |     | 6         |
| 12 | Rotating frame relaxation imaging of prostate cancer: Repeatability, cancer detection, and Gleason score prediction. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 337-344.   | 1.9 | 16        |
| 13 | Mathematical models for diffusion-weighted imaging of prostate cancer using b values up to 2000 s/mm <sup>2</sup> : Correlation with Gleason score and repeatability of region of interest analysis. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 1116-1124. | 1.9 | 53        |
| 14 | Evaluation of different mathematical models for diffusion-weighted imaging of normal prostate and prostate cancer using high b-values: A repeatability study. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1988-1998.  | 1.9 | 72        |
| 15 | Somatostatin receptor subtype 2 in high-grade gliomas: PET/CT with 68Ga-DOTA-peptides, correlation to prognostic markers, and implications for targeted radiotherapy. <i>EJNMMI Research</i> , 2015, 5, 25.   | 1.1 | 20        |
| 16 | Serum levels of GFAP and EGFR in primary and recurrent high-grade gliomas: correlation to tumor volume, molecular markers, and progression-free survival. <i>Journal of Neuro-Oncology</i> , 2015, 124, 237-245.  | 1.4 | 42        |
| 17 | Diffusion-weighted imaging of prostate cancer: effect of b-value distribution on repeatability and cancer characterization. <i>Magnetic Resonance Imaging</i> , 2015, 33, 1212-1218.  | 1.0 | 23        |
| 18 | Optimization of b-value distribution for biexponential diffusion-weighted MR imaging of normal prostate. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1213-1222.  | 1.9 | 37        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Microscopic structure of oxygen defects in gallium arsenide. Physical Review B, 1999, 60, R16267-R16270.                               | 1.1 | 12        |
| 20 | Computational study of interstitial oxygen and vacancy-oxygen complexes in silicon. Physical Review B, 1999, 60, 11449-11463.          | 1.1 | 103       |
| 21 | Vibrations of the Interstitial Oxygen Pairs in Silicon. Physical Review Letters, 1999, 82, 4022-4025.                                  | 2.9 | 36        |
| 22 | Convergence of supercell calculations for point defects in semiconductors: Vacancy in silicon. Physical Review B, 1998, 58, 1318-1325. | 1.1 | 233       |
| 23 | Spin-density study of the silicon divacancy. Physical Review B, 1998, 58, 1106-1109.   | 1.1 | 41        |