

# Marko Pesola

## List of Publications by Year in descending order

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23  
papers

1,011  
citations

516710  
16  
h-index

677142  
22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1617  
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole Brain Adiabatic T 1rho 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.	3.4	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.	3.0	23
3	Prediction of prostate cancer aggressiveness using 18F-Fluciclovine (FACBC) PET and multisequence multiparametric MRI. <i>Scientific Reports</i> , 2020, 10, 9407.	3.3	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.	2.9	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.	2.5	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.	2.9	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.	6.4	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.	3.0	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.	3.4	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.	3.0	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.	3.0	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.	3.0	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.	3.0	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.	2.5	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.	2.9	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.	1.8	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.	3.4	37

#	ARTICLE	IF	CITATIONS
19	Microscopic structure of oxygen defects in gallium arsenide. Physical Review B, 1999, 60, R16267-R16270.	3.2	12
20	Computational study of interstitial oxygen and vacancy-oxygen complexes in silicon. Physical Review B, 1999, 60, 11449-11463.	3.2	103
21	Vibrations of the Interstitial Oxygen Pairs in Silicon. Physical Review Letters, 1999, 82, 4022-4025.	7.8	36
22	Convergence of supercell calculations for point defects in semiconductors: Vacancy in silicon. Physical Review B, 1998, 58, 1318-1325.	3.2	233
23	Spin-density study of the silicon divacancy. Physical Review B, 1998, 58, 1106-1109.	3.2	41