

Matthew Orton

List of Publications by Year in descending order

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10
papers

544
citations

1040056

9
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

1210
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion-weighted Imaging of the Liver with Multiple <i>b</i> Values: Effect of Diffusion Gradient Polarity and Breathing Acquisition on Image Quality and Intravoxel Incoherent Motion Parameters” A Pilot Study. <i>Radiology</i> , 2013, 266, 920-929.	7.3	167
2	Diffusion-weighted imaging outside the brain: Consensus statement from an ISMRM-sponsored workshop. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 521-540.	3.4	146
3	Advanced Solid Tumors Treated with Cediranib: Comparison of Dynamic Contrast-enhanced MR Imaging and CT as Markers of Vascular Activity. <i>Radiology</i> , 2012, 265, 426-436.	7.3	51
4	Robust estimation of the apparent diffusion coefficient (ADC) in heterogeneous solid tumors. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 420-429.	3.0	50
5	Assessment of renal function using intravoxel incoherent motion diffusion-weighted imaging and dynamic contrast-enhanced MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 317-326.	3.4	37
6	Bayesian estimation of changes in transverse relaxation rates. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 914-921.	3.0	28
7	Improving apparent diffusion coefficient estimates and elucidating tumor heterogeneity using Bayesian adaptive smoothing. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 438-447.	3.0	24
8	A clinical radiomic model for improved prognostication of surgical candidates with colorectal liver metastases. <i>Journal of Surgical Oncology</i> , 2020, 121, 357-364.	1.7	24
9	Evaluation of diffusion models in breast cancer. <i>Medical Physics</i> , 2015, 42, 4833-4839.	3.0	16
10	Descriptive analysis of MRI functional changes occurring during reduced dose radiotherapy for myxoid liposarcomas. <i>British Journal of Radiology</i> , 2021, 94, 20210310.	2.2	1