

Kiaran P Mcgee

List of Publications by Year in descending order

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32
papers

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430442

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docs citations

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1756
citing authors

#	ARTICLE	IF	CITATIONS
1	Leftâ€Right Intensity Asymmetries Vary Depending on Scanner Model for FLAIR and T 1 Weighted MRI Images. Journal of Magnetic Resonance Imaging, 2022, , .	1.9	3
2	TURBINEâ€MRE: A 3D hybrid radialâ€Cartesian EPI acquisition for MR elastography. Magnetic Resonance in Medicine, 2021, 85, 945-952.	1.9	12
3	Application of Adaptive Image Receive Coil Technology for Whole-Brain Imaging. American Journal of Roentgenology, 2021, 216, 552-559.	1.0	10
4	Whole-brain 3D MR fingerprinting brain imaging: clinical validation and feasibility to patients with meningioma. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2021, 34, 697-706.	1.1	2
5	Magnetic resonance biomarkers in radiation oncology: The report of AAPM Task Group 294. Medical Physics, 2021, 48, e697-e732.	1.6	16
6	Whole brain 3D MR fingerprinting in multiple sclerosis: a pilot study. BMC Medical Imaging, 2021, 21, 88.	1.4	5
7	Task group 284 report: magnetic resonance imaging simulation in radiotherapy: considerations for clinical implementation, optimization, and quality assurance. Medical Physics, 2021, 48, e636-e670.	1.6	67
8	Findings of the AAPM Ad Hoc committee on magnetic resonance imaging in radiation therapy: Unmet needs, opportunities, and recommendations. Medical Physics, 2021, 48, 4523-4531.	1.6	9
9	Soft tissue sarcoma stiffness and perfusion evaluation by MRE and DCE-MRI for radiation therapy response assessment: a technical feasibility study. Biomedical Physics and Engineering Express, 2019, 5, 047003.	0.6	13
10	Role and future of MRI in radiation oncology. British Journal of Radiology, 2019, 92, 20180505.	1.0	52
11	MR Elastography Analysis of Glioma Stiffness and <i>IDH1 </i>-Mutation Status. American Journal of Neuroradiology, 2018, 39, 31-36.	1.2	70
12	Cardiac MR elastography using reducedâ€FOV, singleâ€shot, spinâ€echo EPI. Magnetic Resonance in Medicine, 2018, 80, 231-238.	1.9	8
13	Characterization and evaluation of a flexible MRI receive coil array for radiation therapy MR treatment planning using highly decoupled RF circuits. Physics in Medicine and Biology, 2018, 63, 08NT02.	1.6	35
14	Regional assessment of in vivo myocardial stiffness using 3D magnetic resonance elastography in a porcine model of myocardial infarction. Magnetic Resonance in Medicine, 2018, 79, 361-369.	1.9	21
15	Quantifying Tumor Stiffness With Magnetic Resonance Elastography. Topics in Magnetic Resonance Imaging, 2018, 27, 353-362.	0.7	17
16	In vivo, highâ€frequency threeâ€dimensional cardiac MR elastography: Feasibility in normal volunteers. Magnetic Resonance in Medicine, 2017, 77, 351-360.	1.9	24
17	Quantitative assessment of lung stiffness in patients with interstitial lung disease using MR elastography. Journal of Magnetic Resonance Imaging, 2017, 46, 365-374.	1.9	45
18	Anatomic modeling using 3D printing: quality assurance and optimization. 3D Printing in Medicine, 2017, 3, 6.	1.7	83

#	ARTICLE	IF	CITATIONS
19	Automated low-contrast pattern recognition algorithm for magnetic resonance image quality assessment. <i>Medical Physics</i> , 2017, 44, 4009-4024.	1.6	4
20	Quantitative assessment of lung stiffness in patients with interstitial lung disease using MR elastography. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, spcone-spcone.	1.9	32
21	Application of Modified Spin-Echo-based Sequences for Hepatic MR Elastography: Evaluation, Comparison with the Conventional Gradient-Echo Sequence, and Preliminary Clinical Experience. <i>Radiology</i> , 2017, 282, 390-398.	3.6	46
22	Quantitative 3D magnetic resonance elastography: Comparison with dynamic mechanical analysis. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1184-1192.	1.9	29
23	EUS-guided ethanol lavage does not reliably ablate pancreatic cystic neoplasms (with video). <i>Gastrointestinal Endoscopy</i> , 2016, 83, 914-920.	0.5	70
24	MRI in radiation oncology: Underserved needs. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 11-14.	1.9	13
25	Three-dimensional Physical Modeling: Applications and Experience at Mayo Clinic. <i>Radiographics</i> , 2015, 35, 1989-2006.	1.4	134
26	Magnetic resonance elastography (MRE) in cancer: Technique, analysis, and applications. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2015, 90-91, 32-48.	3.9	69
27	MR elastography derived shear stiffness-a new imaging biomarker for the assessment of early tumor response to chemotherapy. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1834-1840.	1.9	47
28	Magnetic resonance assessment of parenchymal elasticity in normal and edematous, ventilator-injured lung. <i>Journal of Applied Physiology</i> , 2012, 113, 666-676.	1.2	23
29	Cardiac magnetic resonance parallel imaging at 3.0 Tesla: Technical feasibility and advantages. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 19, 291-297.	1.9	34
30	Autocorrection of Three-Dimensional Time-of-Flight MR Angiography of the Circle of Willis. <i>American Journal of Roentgenology</i> , 2001, 176, 513-518.	1.0	15
31	Image metric-based correction (Autocorrection) of motion effects: Analysis of image metrics. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 11, 174-181.	1.9	112
32	Rapid autocorrection using prescan navigator echoes. <i>Magnetic Resonance in Medicine</i> , 2000, 43, 583-588.	1.9	13