

Kiaran P Mcgee

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,133
citations

430442

18
h-index

414034

32
g-index

33
all docs

33
docs citations

33
times ranked

1756
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional Physical Modeling: Applications and Experience at Mayo Clinic. <i>Radiographics</i> , 2015, 35, 1989-2006.	1.4	134
2	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
3	Anatomic modeling using 3D printing: quality assurance and optimization. <i>3D Printing in Medicine</i> , 2017, 3, 6.	1.7	83
4	EUS-guided ethanol lavage does not reliably ablate pancreatic cystic neoplasms (with video). <i>Gastrointestinal Endoscopy</i> , 2016, 83, 914-920.	0.5	70
5	MR Elastography Analysis of Glioma Stiffness and IDH1-Mutation Status. <i>American Journal of Neuroradiology</i> , 2018, 39, 31-36.	1.2	70
6	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
7	Task group 284 report: magnetic resonance imaging simulation in radiotherapy: considerations for clinical implementation, optimization, and quality assurance. <i>Medical Physics</i> , 2021, 48, e636-e670.	1.6	67
8	Role and future of MRI in radiation oncology. <i>British Journal of Radiology</i> , 2019, 92, 20180505.	1.0	52
9	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
10	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
11	Quantitative assessment of lung stiffness in patients with interstitial lung disease using MR elastography. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 365-374.	1.9	45
12	Characterization and evaluation of a flexible MRI receive coil array for radiation therapy MR treatment planning using highly decoupled RF circuits. <i>Physics in Medicine and Biology</i> , 2018, 63, 08NT02.	1.6	35
13	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
14	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
15	Quantitative 3D magnetic resonance elastography: Comparison with dynamic mechanical analysis. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1184-1192.	1.9	29
16	In vivo, high-frequency three-dimensional cardiac MR elastography: Feasibility in normal volunteers. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 351-360.	1.9	24
17	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
18	Regional assessment of in vivo myocardial stiffness using 3D magnetic resonance elastography in a porcine model of myocardial infarction. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 361-369.	1.9	21

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19	Quantifying Tumor Stiffness With Magnetic Resonance Elastography. Topics in Magnetic Resonance Imaging, 2018, 27, 353-362.	0.7	17
20	Magnetic resonance biomarkers in radiation oncology: The report of AAPM Task Group 294. Medical Physics, 2021, 48, e697-e732.	1.6	16
21	Autocorrection of Three-Dimensional Time-of-Flight MR Angiography of the Circle of Willis. American Journal of Roentgenology, 2001, 176, 513-518.	1.0	15
22	Rapid autocorrection using prescan navigator echoes. Magnetic Resonance in Medicine, 2000, 43, 583-588.	1.9	13
23	MRI in radiation oncology: Underserved needs. Magnetic Resonance in Medicine, 2016, 75, 11-14.	1.9	13
24	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
25	TURBINEâ€MRE: A 3D hybrid radialâ€Cartesian EPI acquisition for MR elastography. Magnetic Resonance in Medicine, 2021, 85, 945-952.	1.9	12
26	Application of Adaptive Image Receive Coil Technology for Whole-Brain Imaging. American Journal of Roentgenology, 2021, 216, 552-559.	1.0	10
27	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
28	Cardiac MR elastography using reducedâ€FOV, singleâ€shot, spinâ€echo EPI. Magnetic Resonance in Medicine, 2018, 80, 231-238.	1.9	8
29	Whole brain 3D MR fingerprinting in multiple sclerosis: a pilot study. BMC Medical Imaging, 2021, 21, 88.	1.4	5
30	Automated lowâ€contrast pattern recognition algorithm for magnetic resonance image quality assessment. Medical Physics, 2017, 44, 4009-4024.	1.6	4
31	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
32	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