

Isabel Dregely

List of Publications by Year in descending order

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20
papers

876
citations

566801

15
h-index

752256

20
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20
all docs

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docs citations

20
times ranked

1303
citing authors

#	ARTICLE	IF	CITATIONS
1	Distortion-free 3D diffusion imaging of the prostate using a multishot diffusion-prepared phase-cycled acquisition and dictionary matching. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1441-1454.	1.9	1
2	Accelerated 3D T ₂ -weighted imaging of the prostate with 1-millimeter isotropic resolution in less than 3 minutes. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 721-731.	1.9	11
3	Accelerated 3D T ₂ mapping with dictionary-based matching for prostate imaging. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 1795-1805.	1.9	16
4	Free-breathing liver fat quantification using a multiecho 3D stack-of-radial technique. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 370-382.	1.9	40
5	Imaging biomarkers in oncology: Basics and application to MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 13-26.	1.9	39
6	Irreversible Electroporation: Defining the MRI Appearance of the Ablation Zone With Histopathologic Correlation in a Porcine Liver Model. <i>American Journal of Roentgenology</i> , 2017, 208, 1141-1146.	1.0	16
7	Observations With Simultaneous 18F-FDG PET and MR Imaging in Peripheral Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 709-711.	2.3	7
8	Optimization and evaluation of reference region variable flip angle (RRVFA) and T ₁ Mapping in the Prostate at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 751-760.	1.9	8
9	Rapid quantitative T ₂ mapping of the prostate using three-dimensional dual echo steady state MRI at 3T. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1720-1729.	1.9	22
10	A 16-channel MR coil for simultaneous PET/MR imaging in breast cancer. <i>European Radiology</i> , 2015, 25, 1154-1161.	2.3	42
11	Self-gated MRI motion modeling for respiratory motion compensation in integrated PET/MRI. <i>Medical Image Analysis</i> , 2015, 19, 110-120.	7.0	103
12	Single-breath xenon polarization transfer contrast (SBXTC): Implementation and initial results in healthy humans. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 457-470.	1.9	31
13	Hybrid PET/MR Imaging of the Heart: Potential, Initial Experiences, and Future Prospects. <i>Journal of Nuclear Medicine</i> , 2013, 54, 402-415.	2.8	144
14	Convenient Synthesis of ⁶⁸ Ga-Labeled Gadolinium(III) Complexes: Towards Bimodal Responsive Probes for Functional Imaging with PET/MRI. <i>Chemistry - A European Journal</i> , 2013, 19, 12602-12606.	1.7	23
15	T ₂ mapping with the transient phase of unbalanced steady-state free precession. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1515-1523.	1.9	15
16	32-channel phased-array receive with asymmetric birdcage transmit coil for hyperpolarized xenon-129 lung imaging. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 576-583.	1.9	22
17	Self-gated Radial MRI for Respiratory Motion Compensation on Hybrid PET/MR Systems. <i>Lecture Notes in Computer Science</i> , 2013, 16, 17-24.	1.0	33
18	Multiple-exchange time xenon polarization transfer contrast (MXTC) MRI: Initial results in animals and healthy volunteers. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 943-953.	1.9	42

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19	Hyperpolarized Xenon-129 gas exchange imaging of lung microstructure: First case studies in subjects with obstructive lung disease. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 1052-1062.	1.9	85
20	Simultaneous magnetic resonance imaging of ventilation distribution and gas uptake in the human lung using hyperpolarized xenon-129. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21707-21712.	3.3	176