

Wei Zha

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

274
citations

1039406

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11
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354
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulmonary ventilation imaging in asthma and cystic fibrosis using oxygen-enhanced 3D radial ultrashort echo time MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1287-1297.	1.9	45
2	Structure-Function Imaging of Lung Disease Using Ultrashort Echo Time MRI. <i>Academic Radiology</i> , 2019, 26, 431-441.	1.3	37
3	Ventilation defect percent in helium-3 magnetic resonance imaging as a biomarker of severe outcomes in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1140-1141.e4.	1.5	36
4	Regional Heterogeneity of Lobar Ventilation in Asthma Using Hyperpolarized Helium-3 MRI. <i>Academic Radiology</i> , 2018, 25, 169-178.	1.3	29
5	Semiautomated Ventilation Defect Quantification in Exercise-induced Bronchoconstriction Using Hyperpolarized Helium-3 Magnetic Resonance Imaging. <i>Academic Radiology</i> , 2016, 23, 1104-1114.	1.3	28
6	Repeatability of regional pulmonary functional metrics of Hyperpolarized ^{129}Xe dissolved-phase MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1182-1190.	1.9	24
7	Three-dimensional Isotropic Functional Imaging of Cystic Fibrosis Using Oxygen-enhanced MRI: Comparison with Hyperpolarized ^3He MRI. <i>Radiology</i> , 2019, 290, 229-237.	3.6	24
8	Deep convolutional neural networks with multiplane consensus labeling for lung function quantification using UTE proton MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1169-1181.	1.9	22
9	A Comparison of Two Hyperpolarized ^{129}Xe MRI Ventilation Quantification Pipelines: The Effect of Signal to Noise Ratio. <i>Academic Radiology</i> , 2019, 26, 949-959.	1.3	21
10	Patient-Specific Computational Simulations of Hyperpolarized ^3He MRI Ventilation Defects in Healthy and Asthmatic Subjects. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 1318-1327.	2.5	5
11	Improved Right Ventricular Performance with Increased Tricuspid Annular Excursion in Athlete's Heart. <i>Frontiers in Cardiovascular Medicine</i> , 2015, 2, 8.	1.1	3