

Wei Zha

List of Publications by Year in descending order

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11
papers

274
citations

1039406

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1281420

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g-index

11
all docs

11
docs citations

11
times ranked

354
citing authors

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