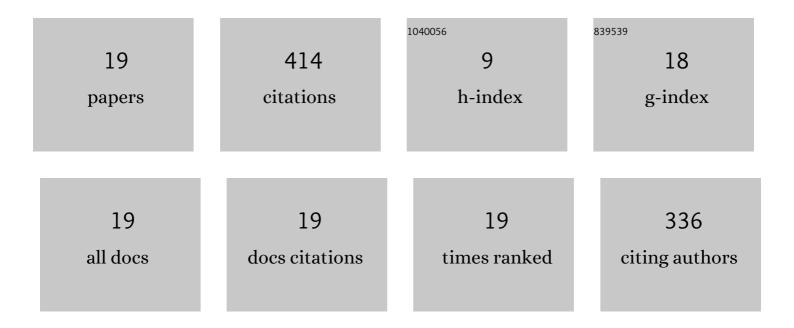
## Ziyi Wang

## List of Publications by Year in descending order

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ZIVI WANG

#	Article	IF	CITATIONS
1	Using hyperpolarized <sup>129</sup> Xe MRI to quantify regional gas transfer in idiopathic pulmonary fibrosis. Thorax, 2018, 73, 21-28.	5.6	110
2	Quantitative analysis of hyperpolarized <sup>129</sup> Xe gas transfer MRI. Medical Physics, 2017, 44, 2415-2428.	3.0	65
3	Diverse cardiopulmonary diseases are associated with distinct xenon magnetic resonance imaging signatures. European Respiratory Journal, 2019, 54, 1900831.	6.7	47
4	Hyperpolarized <sup>129</sup> Xe gas transfer MRI: the transition from 1.5T to 3T. Magnetic Resonance in Medicine, 2018, 80, 2374-2383.	3.0	27
5	Correlation of Regional Lung Ventilation and Gas Transfer to Red Blood Cells: Implications for Functional-Avoidance Radiation Therapy Planning. International Journal of Radiation Oncology Biology Physics, 2018, 101, 1113-1122.	0.8	24
6	Using hyperpolarized <sup>129</sup> Xe gas-exchange MRI to model the regional airspace, membrane, and capillary contributions to diffusing capacity. Journal of Applied Physiology, 2021, 130, 1398-1409.	2.5	23
7	129Xenon Gas Exchange Magnetic Resonance Imaging as a Potential Prognostic Marker for Progression of Idiopathic Pulmonary Fibrosis. Annals of the American Thoracic Society, 2020, 17, 121-125.	3.2	22
8	Mapping cardiopulmonary dynamics within the microvasculature of the lungs using dissolved <sup>129</sup> Xe MRI. Journal of Applied Physiology, 2020, 129, 218-229.	2.5	13
9	Regional Gas Exchange Measured by <scp> <sup> 129 </sup> Xe </scp> Magnetic Resonance Imaging Before and After Combination Bronchodilators Treatment in Chronic Obstructive Pulmonary Disease. Journal of Magnetic Resonance Imaging, 2021, 54, 964-974.	3.4	12
10	Hyperpolarized <sup>129</sup> Xe MRI and Spectroscopy of Gas-Exchange Abnormalities in Nonspecific Interstitial Pneumonia. Radiology, 2021, 301, 211-220.	7.3	11
11	Quantitative 129Xe MRI detects early impairment of gas-exchange in a rat model of pulmonary hypertension. Scientific Reports, 2020, 10, 7385.	3.3	10
12	Generalized Linear Binning to Compare Hyperpolarized 129Xe Ventilation Maps Derived from 3D Radial Gas Exchange Versus Dedicated Multislice Gradient Echo MRI. Academic Radiology, 2020, 27, e193-e203.	2.5	9
13	Pediatric <scp><sup>129</sup>Xe Gasâ€Transfer MRI</scp> —Feasibility and Applicability. Journal of Magnetic Resonance Imaging, 2022, 56, 1207-1219.	3.4	9
14	Best Window Width Determination and Glioma Analysis Application of Dynamic Brain Network Measure on Resting-State Functional Magnetic Resonance Imaging. Journal of Medical Imaging and Health Informatics, 2016, 6, 1735-1740.	0.3	7
15	Bias field correction in hyperpolarized <sup>129</sup> Xe ventilation MRI using templates derived by RFâ€depolarization mapping. Magnetic Resonance in Medicine, 2022, 88, 802-816.	3.0	7
16	Hyperpolarized 129Xe Magnetic Resonance Imaging for Functional Avoidance Treatment Planning in Thoracic Radiation Therapy: A Comparison of Ventilation- and Gas Exchange-Guided Treatment Plans. International Journal of Radiation Oncology Biology Physics, 2021, 111, 1044-1057.	0.8	6
17	A thermally polarized 129 Xe phantom for quality assurance in multiâ€center hyperpolarized gas MRI studies. Magnetic Resonance in Medicine, 2019, 82, 1961-1968.	3.0	5
18	Noninvasive diagnosis of pulmonary hypertension with hyperpolarised <sup>129</sup> Xe magnetic resonance imaging and spectroscopy. ERJ Open Research, 2022, 8, 00035-2022.	2.6	4

#	Article	IF	CITATIONS
19	Dynamic features extraction method of resting-state BOLD-fMRI signal and its application to brain data classification between normal and glioma. , 2014, , .		3