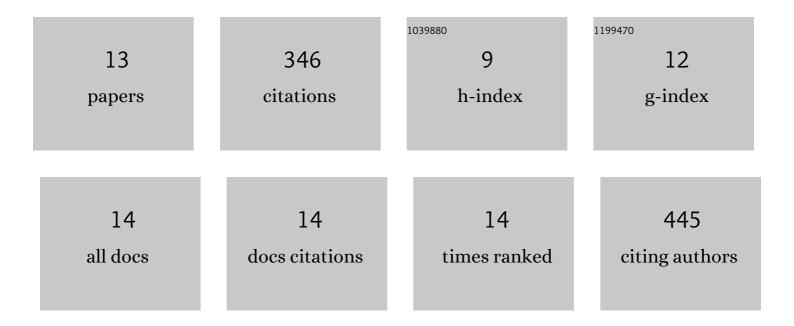
## Paul J C Hughes

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6214009/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Dissolved <sup>129</sup> Xe lung MRI with fourâ€echo 3D radial spectroscopic imaging: Quantification of regional gas transfer in idiopathic pulmonary fibrosis. Magnetic Resonance in Medicine, 2021, 85, 2622-2633.	1.9	28
2	MR properties of 19 F C 3 F 8 gas in the lungs of healthy volunteers: and apparent diffusion coefficient at 1.5T and at 3T. Magnetic Resonance in Medicine, 2021, 85, 1561-1570.	1.9	4
3	Integrated Cardiopulmonary MRI Assessment of Pulmonary Hypertension. Journal of Magnetic Resonance Imaging, 2021, , .	1.9	7
4	The assessment of short- and long-term changes in lung function in cystic fibrosis using 129Xe MRI. European Respiratory Journal, 2020, 56, 2000441.	3.1	25
5	3D Deep Convolutional Neural Network-Based Ventilated Lung Segmentation Using Multi-nuclear Hyperpolarized Gas MRI. Lecture Notes in Computer Science, 2020, , 24-35.	1.0	3
6	Single breathâ€held acquisition of coregistered 3D <sup>129</sup> Xe lung ventilation and anatomical proton images of the human lung with compressed sensing. Magnetic Resonance in Medicine, 2019, 82, 342-347.	1.9	14
7	Assessment of the influence of lung inflation state on the quantitative parameters derived from hyperpolarized gas lung ventilation MRI in healthy volunteers. Journal of Applied Physiology, 2019, 126, 183-192.	1.2	30
8	Comparison of <sup>3</sup> He and <sup>129</sup> Xe MRI for evaluation of lung microstructure and ventilation at 1.5T. Journal of Magnetic Resonance Imaging, 2018, 48, 632-642.	1.9	61
9	Spatial fuzzy câ€means thresholding for semiautomated calculation of percentage lung ventilated volume from hyperpolarized gas and <sup>1</sup> H MRI. Journal of Magnetic Resonance Imaging, 2018, 47, 640-646.	1.9	35
10	Patterns of regional lung physiology in cystic fibrosis using ventilation magnetic resonance imaging and multiple-breath washout. European Respiratory Journal, 2018, 52, 1800821.	3.1	35
11	Comparison of inhaled 19F C3F8 and hyperpolarized 129Xe lung ventilation MRI. , 2018, , .		0
12	Lung perfusion: MRI vs. SPECT for screening in suspected chronic thromboembolic pulmonary hypertension. Journal of Magnetic Resonance Imaging, 2017, 46, 1693-1697.	1.9	71
13	Pulmonary MR angiography and perfusion imaging—A review of methods and applications. European Journal of Radiology, 2017, 86, 361-370.	1.2	33