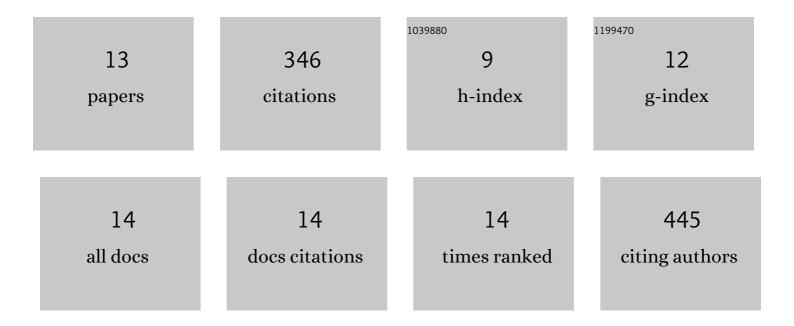
Paul J C Hughes

List of Publications by Year in descending order

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PAUL I C HUCHES

#	Article	IF	CITATIONS
1	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
2	Comparison of ³ He and ¹²⁹ Xe MRI for evaluation of lung microstructure and ventilation at 1.5T. Journal of Magnetic Resonance Imaging, 2018, 48, 632-642.	1.9	61
3	Spatial fuzzy câ€means thresholding for semiautomated calculation of percentage lung ventilated volume from hyperpolarized gas and ¹ H MRI. Journal of Magnetic Resonance Imaging, 2018, 47, 640-646.	1.9	35
4	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
5	Pulmonary MR angiography and perfusion imaging—A review of methods and applications. European Journal of Radiology, 2017, 86, 361-370.	1.2	33
6	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
7	Dissolved ¹²⁹ 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
8	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
9	Single breathâ€held acquisition of coregistered 3D ¹²⁹ 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
10	Integrated Cardiopulmonary MRI Assessment of Pulmonary Hypertension. Journal of Magnetic Resonance Imaging, 2021, , .	1.9	7
11	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
12	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
13	Comparison of inhaled 19F C3F8 and hyperpolarized 129Xe lung ventilation MRI. , 2018, , .		0