

Graham Norquay

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4363175/publications.pdf>

Version: 2024-02-01

25
papers

883
citations

361413

20
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

645
citing authors

#	ARTICLE	IF	CITATIONS
1	Standalone portable xenon-129 hyperpolariser for multicentre clinical magnetic resonance imaging of the lungs. <i>British Journal of Radiology</i> , 2022, 95, 20210872.	2.2	10
2	In vivo methods and applications of xenon-129 magnetic resonance. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2021, 122, 42-62.	7.5	30
3	Dissolved ¹²⁹ Xe lung MRI with four-echo 3D radial spectroscopic imaging: Quantification of regional gas transfer in idiopathic pulmonary fibrosis. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2622-2633.	3.0	28
4	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. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1561-1570.	3.0	4
5	Measuring 129 Xe transfer across the blood-brain barrier using MR spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2939-2949.	3.0	11
6	Dissolved hyperpolarized xenon-129 MRI in human kidneys. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 262-270.	3.0	23
7	Single breath-held acquisition of coregistered 3D ¹²⁹ Xe lung ventilation and anatomical proton images of the human lung with compressed sensing. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 342-347.	3.0	14
8	Assessment of brain perfusion using hyperpolarized ¹²⁹ Xe MRI in a subject with established stroke. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1002-1004.	3.4	20
9	Hyperpolarised xenon magnetic resonance spectroscopy for the longitudinal assessment of changes in gas diffusion in IPF. <i>Thorax</i> , 2019, 74, 500-502.	5.6	53
10	Assessment of the influence of lung inflation state on the quantitative parameters derived from hyperpolarized gas lung ventilation MRI in healthy volunteers. <i>Journal of Applied Physiology</i> , 2019, 126, 183-192.	2.5	30
11	Imaging Collateral Ventilation in Patients With Advanced Chronic Obstructive Pulmonary Disease: Relative Sensitivity of ³ He and ¹²⁹ Xe MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1195-1197.	3.4	5
12	Comparison of ³ He and ¹²⁹ Xe MRI for evaluation of lung microstructure and ventilation at 1.5T. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 632-642.	3.4	61
13	3D diffusion-weighted ¹²⁹ Xe MRI for whole lung morphometry. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2986-2995.	3.0	38
14	Imaging Human Brain Perfusion with Inhaled Hyperpolarized ¹²⁹ Xe MR Imaging. <i>Radiology</i> , 2018, 286, 659-665.	7.3	49
15	Spatial Comparison of CT-Based Surrogates of Lung Ventilation With Hyperpolarized Helium-3 and Xenon-129 Gas MRI in Patients Undergoing Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1276-1286.	0.8	28
16	Detection of early subclinical lung disease in children with cystic fibrosis by lung ventilation imaging with hyperpolarised gas MRI. <i>Thorax</i> , 2017, 72, 760-762.	5.6	70
17	Reproducibility of quantitative indices of lung function and microstructure from ¹²⁹ Xe chemical shift saturation recovery (CSSR) MR spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 2107-2113.	3.0	33
18	¹²⁹ Xe chemical shift in human blood and pulmonary blood oxygenation measurement in humans using hyperpolarized ¹²⁹ Xe NMR. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1399-1408.	3.0	37

#	ARTICLE	IF	CITATIONS
19	High resolution spectroscopy and chemical shift imaging of hyperpolarized ¹²⁹ Xe dissolved in the human brain in vivo at 1.5 tesla. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2227-2234.	3.0	46
20	Feasibility of human lung ventilation imaging using highly polarized naturally abundant xenon and optimized three-dimensional steady-state free precession. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 346-352.	3.0	58
21	Experimental validation of the hyperpolarized ¹²⁹ Xe chemical shift saturation recovery technique in healthy volunteers and subjects with interstitial lung disease. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 196-207.	3.0	76
22	Radiofrequency pulse design for the selective excitation of dissolved ¹²⁹ Xe. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 21-30.	3.0	20
23	Relaxation and exchange dynamics of hyperpolarized ¹²⁹ Xe in human blood. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 303-311.	3.0	38
24	Optimized production of hyperpolarized ¹²⁹ Xe at 2 bars for <i>in vivo</i> lung magnetic resonance imaging. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	59
25	Hyperpolarized ¹²⁹ Xe gas lung MRI SNR and T_2^* comparisons at 1.5 T and 3 T. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1900-1904.	3.0	41