

Marta Vidorreta

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

653
citations

623734

14
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1329
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of 2D and 3D single-shot ASL perfusion fMRI sequences. <i>NeuroImage</i> , 2013, 66, 662-671.	4.2	130
2	Cortical hypoperfusion in Parkinson's disease assessed using arterial spin labeled perfusion MRI. <i>NeuroImage</i> , 2012, 59, 2743-2750.	4.2	82
3	Evaluation of segmented 3D acquisition schemes for whole-brain high-resolution arterial spin labeling at 3T. <i>NMR in Biomedicine</i> , 2014, 27, 1387-1396.	2.8	50
4	Resting state functional connectivity of the subthalamic nucleus in Parkinson's disease assessed using arterial spin-labeled perfusion fMRI. <i>Human Brain Mapping</i> , 2015, 36, 1937-1950.	3.6	48
5	Improving the robustness of pseudo-continuous arterial spin labeling to off-resonance and pulsatile flow velocity. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1342-1351.	3.0	46
6	Comparison of PASL, PCASL, and background-suppressed 3D PCASL in mild cognitive impairment. <i>Human Brain Mapping</i> , 2017, 38, 5260-5273.	3.6	42
7	Reduced Cerebral Blood Flow in Mild Cognitive Impairment Assessed Using Phase-Contrast MRI. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 585-595.	2.6	34
8	Whole-brain background-suppressed pCASL MRI with 1D-accelerated 3D RARE Stack-Of-Spirals readout. <i>PLoS ONE</i> , 2017, 12, e0183762.	2.5	31
9	Coupling of cerebral blood flow and functional connectivity is decreased in healthy aging. <i>Brain Imaging and Behavior</i> , 2020, 14, 436-450.	2.1	30
10	Characterizing a perfusion-based periventricular small vessel region of interest. <i>NeuroImage: Clinical</i> , 2019, 23, 101897.	2.7	28
11	Successful Working Memory Processes and Cerebellum in an Elderly Sample: A Neuropsychological and fMRI Study. <i>PLoS ONE</i> , 2015, 10, e0131536.	2.5	23
12	Effects of resting state condition on reliability, trait specificity, and network connectivity of brain function measured with arterial spin labeled perfusion MRI. <i>NeuroImage</i> , 2018, 173, 165-175.	4.2	21
13	3D-accelerated, stack-of-spirals acquisitions and reconstruction of arterial spin labeling MRI. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1405-1419.	3.0	17
14	Optimization of pseudo-continuous arterial spin labeling for renal perfusion imaging. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1507-1521.	3.0	16
15	MRI-Compatible Device for Examining Brain Activation Related to Stepping. <i>IEEE Transactions on Medical Imaging</i> , 2014, 33, 1044-1053.	8.9	14
16	Quantification of Myocardial Perfusion With Vasodilation Using Arterial Spin Labeling at 1.5T. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 777-788.	3.4	10
17	Trade-off between frequency and precision during stepping movements: Kinematic and BOLD brain activation patterns. <i>Human Brain Mapping</i> , 2016, 37, 1722-1737.	3.6	8
18	Calibrated fMRI for dynamic mapping of CMRO ₂ responses using MR-based measurements of whole-brain venous oxygen saturation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1501-1516.	4.3	8

#	ARTICLE	IF	CITATIONS
19	Optimal repetition time for free breathing myocardial arterial spin labeling. NMR in Biomedicine, 2019, 32, e4077.	2.8	7
20	Breath-Hold Induced Cerebrovascular Reactivity Measurements Using Optimized Pseudocontinuous Arterial Spin Labeling. Frontiers in Physiology, 2021, 12, 621720.	2.8	4
21	Reduction of motion effects in myocardial arterial spin labeling. Magnetic Resonance in Medicine, 2022, 87, 1261-1275.	3.0	4