Dapeng Liu

List of Publications by Year
in descending order

22 papers	458 citations	687363 13 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	772 citing authors

#	Article	IF	Citations
1	Quantitative characterization of nuclear overhauser enhancement and amide proton transfer effects in the human brain at 7 tesla. Magnetic Resonance in Medicine, 2013, 70, 1070-1081.	3.0	85
2	Reliability comparison of spontaneous brain activities between BOLD and CBF contrasts in eyes-open and eyes-closed resting states. NeuroImage, 2015, 121, 91-105.	4.2	66
3	Measuring human placental blood flow with multidelay 3D GRASE pseudocontinuous arterial spin labeling at 3T. Journal of Magnetic Resonance Imaging, 2018, 47, 1667-1676.	3.4	37
4	Velocityâ€selective arterial spin labeling perfusion MRI: A review of the state of the art and recommendations for clinical implementation. Magnetic Resonance in Medicine, 2022, 88, 1528-1547.	3.0	27
5	3D mapping of the placenta during early gestation using freeâ€breathing multiecho stackâ€ofâ€radial MRI at 3T. Journal of Magnetic Resonance Imaging, 2019, 49, 291-303.	3.4	23
6	Cerebral blood volume mapping using Fourierâ€transformâ€“based velocityâ€selective saturation pulse trains. Magnetic Resonance in Medicine, 2019, 81, 3544-3554.	3.0	23
7	Human Placenta Blood Flow During Early Gestation With Pseudocontinuous Arterial Spin Labeling MRI. Journal of Magnetic Resonance Imaging, 2020, 51, 1247-1257.	3.4	23
8	Improved velocityâ€selectiveâ€inversion arterial spin labeling for cerebral blood flow mapping with 3D acquisition. Magnetic Resonance in Medicine, 2020, 84, 2512-2522.	3.0	19
9	Nonâ€contrastâ€enhanced abdominal MRA at 3 T using velocityâ€selective pulse trains. Magnetic Resonance in Medicine, 2020, 84, 1173-1183.	3.0	19
10	Diffusionâ€prepared 3D gradient spinâ€echo sequence for improved oscillating gradient diffusion MRI. Magnetic Resonance in Medicine, 2021, 85, 78-88.	3.0	17
11	Accuracy, precision, and reproducibility of myocardial T1 mapping: A comparison of four T1 estimation algorithms for modified lookâ€locker inversion recovery (MOLLI). Magnetic Resonance in Medicine, 2017, 78, 1746-1756.	3.0	16
12	Ensuring both velocity and spatial responses robust to field inhomogeneities for velocityâ€selective arterial spin labeling through dynamic phaseâ€cycling. Magnetic Resonance in Medicine, 2021, 85, 2723-2734.	3.0	16
13	Noncontrast assessment of bloodâ€“brain barrier permeability to water: Shorter acquisition, testâ€“retest reproducibility, and comparison with contrastâ€based method. Magnetic Resonance in Medicine, 2021, 86, 143-156.	3.0	16
14	Whole-Brain Functional and Diffusion Tensor MRI in Human Participants with Metallic Orthodontic Braces. Radiology, 2020, 294, 149-157.	7.3	12
15	Threeâ€dimensional wholeâ€brain mapping of cerebral blood volume and venous cerebral blood volume using Fourier transformâ€“based velocityâ€selective pulse trains. Magnetic Resonance in Medicine, 2021, 86, 1420-1433.	3.0	12
16	Fractional anisotropy from diffusion tensor imaging correlates with acute astrocyte and myelin swelling in neonatal swine models of excitotoxic and hypoxicâ€ischemic brain injury. Journal of Comparative Neurology, 2021, 529, 2750-2770.	1.6	10
17	Mean Diffusivity in Striatum Correlates With Acute Neuronal Death but Not Lesser Neuronal Injury in a Pilot Study of Neonatal Piglets With Encephalopathy. Journal of Magnetic Resonance Imaging, 2020, 52, 1216-1226.	3.4	9
18	<scp>Multiâ€Parametric</scp> Evaluation of Cerebral Hemodynamics in Neonatal Piglets Using <scp>Nonâ€Contrastâ€</scp>Enhanced <scp>Magnetic Resonance Imaging</scp> Methods. Journal of Magnetic Resonance Imaging, 2021, 54, 1053-1065.	3.4	9

#	Article	IF	Citations
19	Functional Activities Detected in the Olfactory Bulb and Associated Olfactory Regions in the Human Brain Using T2-Prepared BOLD Functional MRI at 7T. Frontiers in Neuroscience, 2021, 15, 723441.	2.8	7
20	Magnetic resonance angiography and perfusion mapping by arterial spin labeling using Fourier transformâ€“based velocityâ€selective pulse trains: Examination on a commercial perfusion phantom. Magnetic Resonance in Medicine, 2021, 86, 1360-1368.	3.0	6
21	Repeatability and reproducibility of variable flip angle T₁ quantification in the prostate at 3 T. Journal of Magnetic Resonance Imaging, 2019, 49, 1730-1735.	3.4	3
22	A novel spectrally selective fat saturation pulse design with robustness to B0 and B1 inhomogeneities: A demonstration on 3D T1-weighted breast MRI at 3ÂT. Magnetic Resonance Imaging, 2021, 75, 156-161.	1.8	3