Jianpan Huang

List of Publications by Year
in descending order

20	468	933447 10	713466 21
papers	citations	h-index	g-index

21	21	21	601
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep neural network based CEST and AREX processing: Application in imaging a model of Alzheimerâ€™s disease atÂ3ÂT. Magnetic Resonance in Medicine, 2022, 87, 1529-1545.	3.0	22
2	Sensitivity schemes for dynamic glucoseâ€enhanced magnetic resonance imaging to detect glucose uptake and clearance in mouse brain at 3ÂT. NMR in Biomedicine, 2022, 35, e4640.	2.8	12
3	Ultrafast waterâ€“fat separation using deep learningâ€“based singleâ€shot MRI. Magnetic Resonance in Medicine, 2022, 87, 2811-2825.	3.0	6
4	Molecular Imaging of Brain Tumors and Drug Delivery Using CEST MRI: Promises and Challenges. Pharmaceutics, 2022, 14, 451.	4.5	14
5	Relayed nuclear Overhauser enhancement imaging with magnetization transfer contrast suppression at 3 T. Magnetic Resonance in Medicine, 2021, 85, 254-267.	3.0	10
6	D-Glucose uptake and clearance in the tauopathy Alzheimerâ€™s disease mouse brain detected by on-resonance variable delay multiple pulse MRI. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1013-1025.	4.3	27
7	Wholeâ€brain amide CEST imaging at 3T with a steadyâ€state radial MRI acquisition. Magnetic Resonance in Medicine, 2021, 86, 893-906.	3.0	26
8	Imaging Self-Healing Hydrogels and Chemotherapeutics Using CEST MRI at 3 T. ACS Applied Bio Materials, 2021, 4, 5605-5616.	4.6	11
9	Dynamic contrastâ€enhanced CEST MRI using a low molecular weight dextran. NMR in Biomedicine, 2021, , e4649.	2.8	7
10	Relayed nuclear Overhauser effect weighted (rNOEw) imaging identifies multiple sclerosis. NeuroImage: Clinical, 2021, 32, 102867.	2.7	8
11	Altered <scp>d</scp> -glucose in brain parenchyma and cerebrospinal fluid of early Alzheimerâ€™s disease detected by dynamic glucose-enhanced MRI. Science Advances, 2020, 6, eaba3884.	10.3	60
12	CEST MRI detectable liposomal hydrogels for multiparametric monitoring in the brain at 3T. Theranostics, 2020, 10, 2215-2228.	10.0	26
13	In vivo imaging of phosphocreatine with artificial neural networks. Nature Communications, 2020, 11, 1072.	12.8	55
14	Directâ€Ink Written Shapeâ€Morphing Film with Rapid and Programmable Multimotion. Advanced Materials Technologies, 2020, 5, 1900974.	5.8	22
15	Super-resolved water/fat image reconstruction based on single-shot spatiotemporally encoded MRI. Journal of Magnetic Resonance, 2020, 314, 106736.	2.1	2
16	Porous gold nanocluster-decorated manganese monoxide nanocomposites for microenvironment-activatable MR/photoacoustic/CT tumor imaging. Nanoscale, 2018, 10, 3631-3638.	5.6	54
17	A fast chemical exchange saturation transfer imaging scheme based on single-shot spatiotemporal encoding. Magnetic Resonance in Medicine, 2017, 77, 1786-1796.	3.0	7
18	Polydopamine-Coated Manganese Carbonate Nanoparticles for Amplified Magnetic Resonance Imaging-Guided Photothermal Therapy. ACS Applied Materials & Interfaces, 2017, 9, 19296-19306.	8.0	85

#	Article	IF	Citations
19	Variable density sampling and non-Cartesian super-resolved reconstruction for spatiotemporally encoded single-shot MRI. Journal of Magnetic Resonance, 2016, 272, 1-9.	2.1	3
20	Ultrafast multi-slice spatiotemporally encoded MRI with slice-selective dimension segmented. Journal of Magnetic Resonance, 2016, 269, 138-145.	2.1	8