

Jianpan Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4527975/publications.pdf>

Version: 2024-02-01

20
papers

468
citations

933447

10
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

601
citing authors

#	ARTICLE	IF	CITATIONS
1	Polydopamine-Coated Manganese Carbonate Nanoparticles for Amplified Magnetic Resonance Imaging-Guided Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 19296-19306.	8.0	85
2	Altered α -glucose in brain parenchyma and cerebrospinal fluid of early Alzheimer's disease detected by dynamic glucose-enhanced MRI. <i>Science Advances</i> , 2020, 6, eaba3884.	10.3	60
3	In vivo imaging of phosphocreatine with artificial neural networks. <i>Nature Communications</i> , 2020, 11, 1072.	12.8	55
4	Porous gold nanocluster-decorated manganese monoxide nanocomposites for microenvironment-activatable MR/photoacoustic/CT tumor imaging. <i>Nanoscale</i> , 2018, 10, 3631-3638.	5.6	54
5	D-Glucose uptake and clearance in the tauopathy Alzheimer's disease mouse brain detected by on-resonance variable delay multiple pulse MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1013-1025.	4.3	27
6	CEST MRI detectable liposomal hydrogels for multiparametric monitoring in the brain at 3T. <i>Theranostics</i> , 2020, 10, 2215-2228.	10.0	26
7	Whole-brain amide CEST imaging at 3T with a steady-state radial MRI acquisition. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 893-906.	3.0	26
8	Direct Ink Written Shape-Morphing Film with Rapid and Programmable Multimotion. <i>Advanced Materials Technologies</i> , 2020, 5, 1900974.	5.8	22
9	Deep neural network based CEST and AREX processing: Application in imaging a model of Alzheimer's disease at 3T. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1529-1545.	3.0	22
10	Molecular Imaging of Brain Tumors and Drug Delivery Using CEST MRI: Promises and Challenges. <i>Pharmaceutics</i> , 2022, 14, 451.	4.5	14
11	Sensitivity schemes for dynamic glucose-enhanced magnetic resonance imaging to detect glucose uptake and clearance in mouse brain at 3T. <i>NMR in Biomedicine</i> , 2022, 35, e4640.	2.8	12
12	Imaging Self-Healing Hydrogels and Chemotherapeutics Using CEST MRI at 3 T. <i>ACS Applied Bio Materials</i> , 2021, 4, 5605-5616.	4.6	11
13	Relayed nuclear Overhauser enhancement imaging with magnetization transfer contrast suppression at 3 T. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 254-267.	3.0	10
14	Ultrafast multi-slice spatiotemporally encoded MRI with slice-selective dimension segmented. <i>Journal of Magnetic Resonance</i> , 2016, 269, 138-145.	2.1	8
15	Relayed nuclear Overhauser effect weighted (rNOEw) imaging identifies multiple sclerosis. <i>NeuroImage: Clinical</i> , 2021, 32, 102867.	2.7	8
16	A fast chemical exchange saturation transfer imaging scheme based on single-shot spatiotemporal encoding. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1786-1796.	3.0	7
17	Dynamic contrast-enhanced CEST MRI using a low molecular weight dextran. <i>NMR in Biomedicine</i> , 2021, e4649.	2.8	7
18	Ultrafast water-fat separation using deep learning-based single-shot MRI. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 2811-2825.	3.0	6

#	ARTICLE	IF	CITATIONS
19	Variable density sampling and non-Cartesian super-resolved reconstruction for spatiotemporally encoded single-shot MRI. <i>Journal of Magnetic Resonance</i> , 2016, 272, 1-9.	2.1	3
20	Super-resolved water/fat image reconstruction based on single-shot spatiotemporally encoded MRI. <i>Journal of Magnetic Resonance</i> , 2020, 314, 106736.	2.1	2