Hongjiang Wei

List of Publications by Year
in descending order

52 papers	1,463 citations	394421 19 h-index	361022 35 g-index
52 all docs	52 docs citations	52 times ranked	1571 citing authors

#	Article	IF	Citations
1	Clinical and Molecular Correlates of Abnormal Changes in the Cerebellum and Globus Pallidus in Fragile X Premutation. Frontiers in Neurology, 2022, 13, 797649.	2.4	7
2	A data-driven deep learning pipeline for quantitative susceptibility mapping (QSM). Magnetic Resonance Imaging, 2022, 88, 89-100.	1.8	1
3	Simultaneous Quantitative Susceptibility Mapping of Articular Cartilage and Cortical Bone of Human Knee Joint Using Ultrashort Echo Time Sequences. Frontiers in Endocrinology, 2022, 13, 844351.	3.5	3
4	FreeSurfer and 3D Slicer-Assisted SEEG Implantation for Drug-Resistant Epilepsy. Frontiers in Neurorobotics, 2022, 16, 848746.	2.8	3
5	Region‐specific disturbed iron redistribution in Cushing's disease measured by magnetic resonance imaging‐based quantitative susceptibility mapping. Clinical Endocrinology, 2022, 97, 81-90.	2.4	1
6	Imaging Insights of Isolated Idiopathic Dystonia: Voxel-Based Morphometry and Activation Likelihood Estimation Studies. Frontiers in Neurology, 2022, 13, 823882.	2.4	0
7	Value of functional connectivity in outcome prediction for pallidal stimulation in Parkinson disease. Journal of Neurosurgery, 2022, , 1-11.	1.6	3
8	Regularized Asymmetric Susceptibility Tensor Imaging in the Human Brain in Vivo. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 4508-4518.	6.3	2
9	Imaging cerebral microbleeds in Cushing's disease evaluated by quantitative susceptibility mapping: an observational cross-sectional study. European Journal of Endocrinology, 2021, 184, 565-574.	3.7	5
10	Increased free water in the substantia nigra in idiopathic REM sleep behaviour disorder. Brain, 2021, 144, 1488-1497.	7.6	29
11	Serum Ceruloplasmin Depletion is Associated With Magnetic Resonance Evidence of Widespread Accumulation of Brain Iron in Parkinson's Disease. Journal of Magnetic Resonance Imaging, 2021, 54, 1098-1106.	3.4	9
12	Asymmetric susceptibility tensor imaging. Magnetic Resonance in Medicine, 2021, 86, 2266-2275.	3.0	4
13	Change in Susceptibility Values in Knee Cartilage After Marathon Running Measured Using Quantitative Susceptibility Mapping. Journal of Magnetic Resonance Imaging, 2021, 54, 1585-1593.	3.4	5
14	<scp>HybraPD</scp> atlas: Towards precise subcortical nuclei segmentation using multimodality medical images in patients with Parkinson disease. Human Brain Mapping, 2021, 42, 4399-4421.	3.6	14
15	Subthalamic and Pallidal Stimulations in Patients with Parkinson's Disease: Common and Dissociable Connections. Annals of Neurology, 2021, 90, 670-682.	5.3	21
16	Predicting Motor Outcome of Subthalamic Nucleus Deep Brain Stimulation for Parkinson's Disease Using Quantitative Susceptibility Mapping and Radiomics: A Pilot Study. Frontiers in Neuroscience, 2021, 15, 731109.	2.8	5
17	MoDL-QSM: Model-based deep learning for quantitative susceptibility mapping. NeuroImage, 2021, 240, 118376.	4.2	20
18	Age-specific structural fetal brain atlases construction and cortical development quantification for chinese population. NeuroImage, 2021, 241, 118412.	4.2	14

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19	Anterior limb of the internal capsule tractography: relationship with capsulotomy outcomes in obsessive-compulsive disorder. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 637-644.	1.9	14
20	Imaging diamagnetic susceptibility of collagen in hepatic fibrosis using susceptibility tensor imaging. Magnetic Resonance in Medicine, 2020, 83, 1322-1330.	3.0	8
21	Targeting neuroplasticity in patients with neurodegenerative diseases using brain stimulation techniques. Translational Neurodegeneration, 2020, 9, 44.	8.0	14
22	Deep Brain Stimulation of Nucleus Accumbens with Anterior Capsulotomy for Drug Addiction: A Case Report. Stereotactic and Functional Neurosurgery, 2020, 98, 345-349.	1.5	19
23	Asymmetrical nigral iron accumulation in Parkinson's disease with motor asymmetry: an explorative, longitudinal and test-retest study. Aging, 2020, 12, 18622-18634.	3.1	10
24	Precise targeting of the globus pallidus internus with quantitative susceptibility mapping for deep brain stimulation surgery. Journal of Neurosurgery, 2020, 133, 1605-1611.	1.6	14
25	Learning-based single-step quantitative susceptibility mapping reconstruction without brain extraction. NeuroImage, 2019, 202, 116064.	4.2	44
26	Probing demyelination and remyelination of the cuprizone mouse model using multimodality MRI. Journal of Magnetic Resonance Imaging, 2019, 50, 1852-1865.	3.4	21
27	Increased dopamine transporter levels following nucleus accumbens deep brain stimulation in methamphetamine use disorder: A case report. Brain Stimulation, 2019, 12, 1055-1057.	1.6	15
28	Multivariate MR biomarkers better predict cognitive dysfunction in mouse models of Alzheimer's disease. Magnetic Resonance Imaging, 2019, 60, 52-67.	1.8	16
29	Multi-atlas tool for automated segmentation of brain gray matter nuclei and quantification of their magnetic susceptibility. NeuroImage, 2019, 191, 337-349.	4.2	54
30	Oscillation-specific nodal alterations in early to middle stages Parkinson's disease. Translational Neurodegeneration, 2019, 8, 36.	8.0	11
31	Quantitative susceptibility mapping of articular cartilage in patients with osteoarthritis at 3T. Journal of Magnetic Resonance Imaging, 2019, 49, 1665-1675.	3.4	19
32	Iron-related nigral degeneration influences functional topology mediated by striatal dysfunction in Parkinson's disease. Neurobiology of Aging, 2019, 75, 83-97.	3.1	35
33	Neonate and infant brain development from birth to 2 years assessed using MRI-based quantitative susceptibility mapping. NeuroImage, 2019, 185, 349-360.	4.2	36
34	Quantitative susceptibility mapping as a biomarker for evaluating white matter alterations in Parkinson's disease. Brain Imaging and Behavior, 2019, 13, 220-231.	2.1	30
35	Imaging the Centromedian Thalamic Nucleus Using Quantitative Susceptibility Mapping. Frontiers in Human Neuroscience, 2019, 13, 447.	2.0	23
36	Quantitative susceptibility mapping in combination with water-fat separation for simultaneous liver iron and fat fraction quantification. European Radiology, 2018, 28, 3494-3504.	4.5	27

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37	Quantitative susceptibility mapping (QSM) as a means to monitor cerebral hematoma treatment. Journal of Magnetic Resonance Imaging, 2018, 48, 907-915.	3.4	14
38	Longitudinal atlas for normative human brain development and aging over the lifespan using quantitative susceptibility mapping. NeuroImage, 2018, 171, 176-189.	4.2	95
39	MRI gradient-echo phase contrast of the brain at ultra-short TE with off-resonance saturation. NeuroImage, 2018, 175, 1-11.	4.2	14
40	Quantitative susceptibility mapping: Report from the 2016 reconstruction challenge. Magnetic Resonance in Medicine, 2018, 79, 1661-1673.	3.0	151
41	Quantitative Susceptibility Mapping for Drug-Addicted Human Brain. , 2018, , .		1
42	Illumination Normalization for Face Recognition via Jointly Optimized Dictionary-Learning and Sparse Representation. IEEE Access, 2018, 6, 66632-66640.	4.2	5
43	Longitudinal data for magnetic susceptibility of normative human brain development and aging over the lifespan. Data in Brief, 2018, 20, 623-631.	1.0	23
44	Magnetic susceptibility anisotropy outside the central nervous system. NMR in Biomedicine, 2017, 30, e3544.	2.8	22
45	Joint 2D and 3D phase processing for quantitative susceptibility mapping: application to 2D echo€planar imaging. NMR in Biomedicine, 2017, 30, e3501.	2.8	36
46	Investigating magnetic susceptibility of human knee joint at 7 Tesla. Magnetic Resonance in Medicine, 2017, 78, 1933-1943.	3.0	54
47	Exploring the origins of echo-time-dependent quantitative susceptibility mapping (QSM) measurements in healthy tissue and cerebral microbleeds. NeuroImage, 2017, 149, 98-113.	4.2	64
48	Susceptibility tensor imaging and tractography of collagen fibrils in the articular cartilage. Magnetic Resonance in Medicine, 2017, 78, 1683-1690.	3.0	34
49	Imaging whole-brain cytoarchitecture of mouse with MRI-based quantitative susceptibility mapping. NeuroImage, 2016, 137, 107-115.	4.2	43
50	Magnetic susceptibility of brain iron is associated with childhood spatial IQ. NeuroImage, 2016, 132, 167-174.	4.2	47
51	Streaking artifact reduction for quantitative susceptibility mapping of sources with large dynamic range. NMR in Biomedicine, 2015, 28, 1294-1303.	2.8	175
52	Quantitative Susceptibility Mapping: Contrast Mechanisms and Clinical Applications. Tomography, 2015, 1, 3-17.	1.8	129