Wu Ye

List of Publications by Year
in descending order

44 papers	1,522 citations	840119 11 h-index	360668 35 g-index
56 all docs	56 docs citations	56 times ranked	2508 citing authors

#	ARTICLE	IF	CITATIONS
1	The challenge of mapping the human connectome based on diffusion tractography. Nature Communications, 2017, 8, 1349.	5.8	956
2	An anatomically curated fiber clustering white matter atlas for consistent white matter tract parcellation across the lifespan. NeuroImage, 2018, 179, 429-447.	2.1	146
3	Test–retest reproducibility of white matter parcellation using diffusion MRI tractography fiber clustering. Human Brain Mapping, 2019, 40, 3041-3057.	1.9	61
4	Tractography reproducibility challenge with empirical data (TraCED): The 2017 ISMRM diffusion study group challenge. Journal of Magnetic Resonance Imaging, 2020, 51, 234-249.	1.9	38
5	Investigation into local white matter abnormality in emotional processing and sensorimotor areas using an automatically annotated fiber clustering in major depressive disorder. NeuroImage, 2018, 181, 16-29.	2.1	34
6	Prediction of 7–year's conversion from subjective cognitive decline to mild cognitive impairment. Human Brain Mapping, 2021, 42, 192-203.	1.9	29
7	Multi-Site Harmonization of Diffusion MRI Data via Method of Moments. IEEE Transactions on Medical Imaging, 2019, 38, 1599-1609.	5.4	24
8	Mitigating gyral bias in cortical tractography via asymmetric fiber orientation distributions. Medical Image Analysis, 2020, 59, 101543.	7.0	24
9	Insights from the IronTract challenge: Optimal methods for mapping brain pathways from multi-shell diffusion MRI. NeuroImage, 2022, 257, 119327.	2.1	17
10	A ReliefF-SVM-based method for marking dopamine-based disease characteristics: A study on SWEDD and Parkinson's disease. Behavioural Brain Research, 2019, 356, 400-407.	1.2	16
11	DeepBundle: Fiber Bundle Parcellation with Graph Convolution Neural Networks. Lecture Notes in Computer Science, 2019, 11849, 88-95.	1.0	14
12	Distributed performance of white matter properties in chess players: A DWI study using automated fiber quantification. Brain Research, 2018, 1700, 9-18.	1.1	12
13	Probing Tissue Microarchitecture of the Baby Brain via Spherical Mean Spectrum Imaging. IEEE Transactions on Medical Imaging, 2020, 39, 1-1.	5.4	12
14	Multiscale neural modeling of resting-state fMRI reveals executive-limbic malfunction as a core mechanism in major depressive disorder. NeuroImage: Clinical, 2021, 31, 102758.	1.4	11
15	The concurrent disturbance of dynamic functional and structural brain connectome in major depressive disorder: the prefronto-insular pathway. Journal of Affective Disorders, 2020, 274, 1084-1090.	2.0	10
16	Tract Dictionary Learning for Fast and Robust Recognition of Fiber Bundles. Lecture Notes in Computer Science, 2020, 12267, 251-259.	1.0	10
17	A Ramp Metering Method Based on Congestion Status in the Urban Freeway. IEEE Access, 2020, 8, 76823-76831.	2.6	8
18	Asymmetry Spectrum Imaging for Baby Diffusion Tractography. Lecture Notes in Computer Science, 2019, 11492, 319-331.	1.0	7

#	Article	IF	Citations
19	Dynamic Routing Capsule Networks for Mild Cognitive Impairment Diagnosis. Lecture Notes in Computer Science, 2019, 2019, 620-628.	1.0	7
20	Probing Brain Micro-architecture by Orientation Distribution Invariant Identification of Diffusion Compartments. Lecture Notes in Computer Science, 2019, 11766, 547-555.	1.0	6
21	Sparse deconvolution of higher order tensor for fiber orientation distribution estimation. Artificial Intelligence in Medicine, 2015, 65, 229-238.	3.8	5
22	A Multi-Tissue Global Estimation Framework for Asymmetric Fiber Orientation Distributions. Lecture Notes in Computer Science, 2018, 11072, 45-52.	1.0	5
23	Penalized Geodesic Tractography for Mitigating Gyral Bias. Lecture Notes in Computer Science, 2018, 11072, 12-19.	1.0	4
24	Deep Simulation of Facial Appearance Changes Following Craniomaxillofacial Bony Movements in Orthognathic Surgical Planning. Lecture Notes in Computer Science, 2021, 12904, 459-468.	1.0	4
25	Global consistency spatial model for fiber orientation distribution estimation. , 2015, , .		3
26	Characterizing Intra-soma Diffusion with Spherical Mean Spectrum Imaging. Lecture Notes in Computer Science, 2020, 12267, 354-363.	1.0	3
27	A Novel Richardson-Lucy Model with Dictionary Basis and Spatial Regularization for Isolating Isotropic Signals. PLoS ONE, 2017, 12, e0168864.	1.1	2
28	Longitudinal Harmonization for Improving Tractography in Baby Diffusion MRI. Mathematics and Visualization, 2019, 2019, 183-191.	0.4	2
29	Tissue Segmentation Using Sparse Non-negative Matrix Factorization ofÂSpherical Mean Diffusion MRI Data. Mathematics and Visualization, 2019, 2019, 69-76.	0.4	2
30	Identification of Abnormal Circuit Dynamics in Major Depressive Disorder via Multiscale Neural Modeling of Resting-State fMRI. Lecture Notes in Computer Science, 2019, 11766, 682-690.	1.0	2
31	Characterizing Non-Gaussian Diffusion in Heterogeneously Oriented Tissue Microenvironments. Lecture Notes in Computer Science, 2019, 11766, 556-563.	1.0	2
32	A self-adaptive local feature extraction based magnetic resonance imaging. , 2016, , .		1
33	Automated Parcellation of the Cortex Using Structural Connectome Harmonics. Lecture Notes in Computer Science, 2019, 11766, 475-483.	1.0	1
34	Early Development of Infant Brain Complex Network. Lecture Notes in Computer Science, 2019, , 832-840.	1.0	1
35	Rapid Diffusion Magnetic Resonance Imaging Using Slice-Interleaved Encoding. Medical Image Analysis, 2022, 81, 102548.	7.0	1
36	A new model-based spherical deconvolution method for multi-fiber reconstruction. , 2014, , .		0

#	Article	IF	Citations
37	Swarm tracking approach for global probabilistic tractography with spherical deconvolution. , 2016, , .		0
38	Real-time and authentic blood simulation for surgical training. , 2017, , .		0
39	An improved mass spring model based on internal point set domain constraint. , 2017, , .		0
40	A Data-driven Voxel-wise White Matter Fiber Clustering Model Based on Priori Anatomical Data. , 2018, , .		0
41	Image Reconstruction from Accelerated Slice-Interleaved Diffusion Encoding Data. Mathematics and Visualization, 2021, , 3-12.	0.4	0
42	Globally Optimized Super-Resolution of Diffusion MRI Data via Fiber Continuity. Lecture Notes in Computer Science, 2020, 12267, 260-269.	1.0	0
43	Fast Correction of Eddy-Current and Susceptibility-Induced Distortions Using Rotation-Invariant Contrasts. Lecture Notes in Computer Science, 2020, 12262, 34-43.	1.0	0
44	Surface-Guided Image Fusion for Preserving Cortical Details in Human Brain Templates.. , 2021, 12907, 390-399.		0