Shuyu Li

List of Publications by Year in descending order

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59 papers	1,819 citations	394421 19 h-index	289244 40 g-index
61 all docs	61 docs citations	61 times ranked	3038 citing authors

#	Article	IF	Citations
1	Rice zinc finger protein DST enhances grain production through controlling Gn1a/OsCKX2 expression. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3167-3172.	7.1	252
2	Role of Tomato Lipoxygenase D in Wound-Induced Jasmonate Biosynthesis and Plant Immunity to Insect Herbivores. PLoS Genetics, 2013, 9, e1003964.	3.5	166
3	Closely Related NAC Transcription Factors of Tomato Differentially Regulate Stomatal Closure and Reopening during Pathogen Attack Â. Plant Cell, 2014, 26, 3167-3184.	6.6	153
4	Jasmonate modulates endocytosis and plasma membrane accumulation of the Arabidopsis PIN2 protein. New Phytologist, 2011, 191, 360-375.	7.3	131
5	Trajectories of the Hippocampal Subfields Atrophy in the Alzheimerâ€™s Disease: A Structural Imaging Study. Frontiers in Neuroinformatics, 2019, 13, 13.	2.5	94
6	MED25 connects enhancerâ€“promoter looping and MYC2-dependent activation of jasmonate signalling. Nature Plants, 2019, 5, 616-625.	9.3	82
7	Reliability and Validity of Kinect RGB-D Sensor for Assessing Standing Balance. IEEE Sensors Journal, 2014, 14, 1633-1638.	4.7	79
8	Abnormal Changes of Multidimensional Surface Features Using Multivariate Pattern Classification in Amnestic Mild Cognitive Impairment Patients. Journal of Neuroscience, 2014, 34, 10541-10553.	3.6	72
9	Dynamic real-time imaging of living cell traction force by piezo-phototronic light nano-antenna array. Science Advances, 2021, 7, .	10.3	65
10	Hippocampal subfield volumetry in patients with subcortical vascular mild cognitive impairment. Scientific Reports, 2016, 6, 20873.	3.3	53
11	Prediction of Alzheimer's Disease Progression with Multi-Information Generative Adversarial Network. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 711-719.	6.3	48
12	Mapping Surface Variability of the Central Sulcus in Musicians. Cerebral Cortex, 2010, 20, 25-33.	2.9	43
13	Cellular and molecular insight into the inhibition of primary root growth of Arabidopsis induced by peptaibols, a class of linear peptide antibiotics mainly produced byTrichodermaspp.. Journal of Experimental Botany, 2016, 67, 2191-2205.	4.8	42
14	Individual Morphological Brain Network Construction Based on Multivariate Euclidean Distances Between Brain Regions. Frontiers in Human Neuroscience, 2018, 12, 204.	2.0	32
15	The Rice Semi-Dwarf Mutant sd37, Caused by a Mutation in CYP96B4, Plays an Important Role in the Fine-Tuning of Plant Growth. PLoS ONE, 2014, 9, e88068.	2.5	32
16	Musical training induces functional and structural auditoryâ€motor network plasticity in young adults. Human Brain Mapping, 2018, 39, 2098-2110.	3.6	31
17	Atypical neural topographies underpin dysfunctional pattern separation in temporal lobe epilepsy. Brain, 2021, 144, 2486-2498.	7.6	26
18	Age-related changes in the surface morphology of the central sulcus. NeuroImage, 2011, 58, 381-390.	4.2	24

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19	Abnormalities of structural covariance networks in drug-naÃ¯ve boys with attention deficit hyperactivity disorder. Psychiatry Research - Neuroimaging, 2015, 231, 273-278.	1.8	24
20	Oryza sativa mediator subunit OsMED25 interacts with OsBZR1 to regulate brassinosteroid signaling and plant architecture in rice. Journal of Integrative Plant Biology, 2020, 62, 793-811.	8.5	24
21	Dynamic reconfiguration of the functional brain network after musical training in young adults. Brain Structure and Function, 2019, 224, 1781-1795.	2.3	23
22	Altered Whole-Brain Structural Covariance of the Hippocampal Subfields in Subcortical Vascular Mild Cognitive Impairment and Amnestic Mild Cognitive Impairment Patients. Frontiers in Neurology, 2018, 9, 342.	2.4	21
23	Regional Radiomics Similarity Networks Reveal Distinct Subtypes and Abnormality Patterns in Mild Cognitive Impairment. Advanced Science, 2022, 9, e2104538.	11.2	21
24	Comparison of Postural Responses to Galvanic Vestibular Stimulation between Pilots and the General Populace. BioMed Research International, 2015, 2015, 1-6.	1.9	19
25	Correlation-Aware Sparse and Low-Rank Constrained Multi-Task Learning for Longitudinal Analysis of Alzheimer's Disease. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1450-1456.	6.3	19
26	Quantitative Radiomic Features as New Biomarkers for Alzheimerâ€™s Disease: An Amyloid PET Study. Cerebral Cortex, 2021, 31, 3950-3961.	2.9	18
27	Variation in longitudinal trajectories of cortical sulci in normal elderly. NeuroImage, 2018, 166, 1-9.	4.2	17
28	Differential Age-Related Changes in Structural Covariance Networks of Human Anterior and Posterior Hippocampus. Frontiers in Physiology, 2018, 9, 518.	2.8	16
29	Abnormal surface morphology of the central sulcus in children with attention-deficit/hyperactivity disorder. Frontiers in Neuroanatomy, 2015, 9, 114.	1.7	15
30	Divergent Connectivity Changes in Gray Matter Structural Covariance Networks in Subjective Cognitive Decline, Amnestic Mild Cognitive Impairment, and Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2021, 13, 686598.	3.4	15
31	Altered Neuroanatomical Asymmetries of Subcortical Structures in Subjective Cognitive Decline, Amnestic Mild Cognitive Impairment, and Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2021, 79, 1121-1132.	2.6	13
32	Topological Properties of Large-Scale Cortical Networks Based on Multiple Morphological Features in Amnestic Mild Cognitive Impairment. Neural Plasticity, 2016, 2016, 1-14.	2.2	12
33	MRI image synthesis with dual discriminator adversarial learning and difficulty-aware attention mechanism for hippocampal subfields segmentation. Computerized Medical Imaging and Graphics, 2020, 86, 101800.	5.8	12
34	Regional radiomics similarity networks (R2SNs) in the human brain: Reproducibility, small-world properties and a biological basis. Network Neuroscience, 2021, 5, 1-15.	2.6	11
35	Differential longitudinal changes in structural complexity and volumetric measures in community-dwelling older individuals. Neurobiology of Aging, 2020, 91, 26-35.	3.1	10
36	Decomposition of individual-specific and individual-shared components from resting-state functional connectivity using a multi-task machine learning method. NeuroImage, 2021, 238, 118252.	4.2	10

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37	Mediator complex subunit MED25 physically interacts with DST to regulate spikelet number in rice. Journal of Integrative Plant Biology, 2022, 64, 871-883.	8.5	9
38	Investigation of key factors affecting the balance function of older adults. Aging Clinical and Experimental Research, 2015, 27, 139-147.	2.9	8
39	Surface Morphology of Amygdala Is Associated with Trait Anxiety. PLoS ONE, 2012, 7, e47817.	2.5	7
40	Frontoparietal Connectivity Neurofeedback Training for Promotion of Working Memory: An fNIRS Study in Healthy Male Participants. IEEE Access, 2021, 9, 62316-62331.	4.2	7
41	A slower rate of sulcal widening in the brains of the nondemented oldest old. NeuroImage, 2021, 229, 117740.	4.2	7
42	Structural Covariance Changes of Anterior and Posterior Hippocampus During Musical Training in Young Adults. Frontiers in Neuroanatomy, 2020, 14, 20.	1.7	6
43	More Flexible Integration of Functional Systems After Musical Training in Young Adults. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 817-824.	4.9	6
44	Multi-view prediction of Alzheimerâ€™s disease progression with end-to-end integrated framework. Journal of Biomedical Informatics, 2022, 125, 103978.	4.3	6
45	A Hybrid Deep Learning Method for Early and Late Mild Cognitive Impairment Diagnosis With Incomplete Multimodal Data. Frontiers in Neuroinformatics, 2022, 16, 843566.	2.5	6
46	Aberrant topological organization and age-related differences in the human connectome in subjective cognitive decline byÂusing regional morphology from magnetic resonance imaging. Brain Structure and Function, 2022, 227, 2015-2033.	2.3	6
47	The effect of anatomic variations of circle of Willis on cerebral blood distribution during posture change from supination to standing: A model study. Bio-Medical Materials and Engineering, 2014, 24, 2371-2380.	0.6	5
48	Hippocampus Segmentation for Preterm and Aging Brains Using 3D Densely Connected Fully Convolutional Networks. IEEE Access, 2020, 8, 97032-97044.	4.2	5
49	Comparison of two nonlinear registration techniques to investigate brain atrophy patterns in normal aging. Journal of Neuroradiology, 2013, 40, 326-334.	1.1	3
50	Investigation of global and local network properties of music perception with culturally different styles of music. Computers in Biology and Medicine, 2014, 54, 37-43.	7.0	3
51	Real-time feedback of dynamic foot pressure index for gait training of toe-walking children with spastic diplegia. Disability and Rehabilitation, 2017, 39, 1921-1925.	1.8	3
52	Influential factors for pressure pulse waveform in healthy young adults. Bio-Medical Materials and Engineering, 2015, 26, S497-S505.	0.6	2
53	Robust multitask feature learning for amnestic mild cognitive impairment diagnosis based on multidimensional surface measures. Medicine in Novel Technology and Devices, 2020, 6, 100035.	1.6	2
54	Frequency spectral characteristics of standing balance with partial foot support. , 2010, , .		1

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55	Feature level-based group lasso method for amnestic mild cognitive impairment diagnosis. Computer Methods and Programs in Biomedicine, 2021, 208, 106286.	4.7	1
56	Requirement-based teaching in interdisciplinary graduate courses: Student perceptions and achievement. , 2011, , .		0
57	Sulcal morphology differences between mild cognitive impairment patients and normal elderly subjects. , 2011, , .		0
58	Experimental Study on the Steady Flow in the Carotid Siphon: The Geometric Effect on the Hemodynamics. , 2012, , .		0
59	Brain Network Architecture and Plasticity: MR Neuroimaging Perspectives. Neural Plasticity, 2016, 2016, 1-2.	2.2	0