

# Shuyu Li

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Multi-view prediction of Alzheimer's disease progression with end-to-end integrated framework. <i>Journal of Biomedical Informatics</i> , 2022, 125, 103978.	4.3	6
2	Regional Radiomics Similarity Networks Reveal Distinct Subtypes and Abnormality Patterns in Mild Cognitive Impairment. <i>Advanced Science</i> , 2022, 9, e2104538.	11.2	21
3	A Hybrid Deep Learning Method for Early and Late Mild Cognitive Impairment Diagnosis With Incomplete Multimodal Data. <i>Frontiers in Neuroinformatics</i> , 2022, 16, 843566.	2.5	6
4	Mediator complex subunit MED25 physically interacts with DST to regulate spikelet number in rice. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 871-883.	8.5	9
5	Aberrant topological organization and age-related differences in the human connectome in subjective cognitive decline by using regional morphology from magnetic resonance imaging. <i>Brain Structure and Function</i> , 2022, 227, 2015-2033.	2.3	6
6	Prediction of Alzheimer's Disease Progression with Multi-Information Generative Adversarial Network. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 711-719.	6.3	48
7	Frontoparietal Connectivity Neurofeedback Training for Promotion of Working Memory: An fNIRS Study in Healthy Male Participants. <i>IEEE Access</i> , 2021, 9, 62316-62331.	4.2	7
8	Altered Neuroanatomical Asymmetries of Subcortical Structures in Subjective Cognitive Decline, Amnesic Mild Cognitive Impairment, and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 1121-1132.	2.6	13
9	Atypical neural topographies underpin dysfunctional pattern separation in temporal lobe epilepsy. <i>Brain</i> , 2021, 144, 2486-2498.	7.6	26
10	Quantitative Radiomic Features as New Biomarkers for Alzheimer's Disease: An Amyloid PET Study. <i>Cerebral Cortex</i> , 2021, 31, 3950-3961.	2.9	18
11	A slower rate of sulcal widening in the brains of the nondemented oldest old. <i>NeuroImage</i> , 2021, 229, 117740.	4.2	7
12	Dynamic real-time imaging of living cell traction force by piezo-phototronic light nano-antenna array. <i>Science Advances</i> , 2021, 7, .	10.3	65
13	Regional radiomics similarity networks (R2SNs) in the human brain: Reproducibility, small-world properties and a biological basis. <i>Network Neuroscience</i> , 2021, 5, 1-15.	2.6	11
14	Divergent Connectivity Changes in Gray Matter Structural Covariance Networks in Subjective Cognitive Decline, Amnesic Mild Cognitive Impairment, and Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 686598.	3.4	15
15	Feature level-based group lasso method for amnesic mild cognitive impairment diagnosis. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 208, 106286.	4.7	1
16	Decomposition of individual-specific and individual-shared components from resting-state functional connectivity using a multi-task machine learning method. <i>NeuroImage</i> , 2021, 238, 118252.	4.2	10
17	MRI image synthesis with dual discriminator adversarial learning and difficulty-aware attention mechanism for hippocampal subfields segmentation. <i>Computerized Medical Imaging and Graphics</i> , 2020, 86, 101800.	5.8	12
18	Structural Covariance Changes of Anterior and Posterior Hippocampus During Musical Training in Young Adults. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 20.	1.7	6

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19	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
20	Hippocampus Segmentation for Preterm and Aging Brains Using 3D Densely Connected Fully Convolutional Networks. IEEE Access, 2020, 8, 97032-97044.	4.2	5
21	Robust multitask feature learning for amnesic mild cognitive impairment diagnosis based on multidimensional surface measures. Medicine in Novel Technology and Devices, 2020, 6, 100035.	1.6	2
22	<i>Oryza sativa</i> 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
23	Differential longitudinal changes in structural complexity and volumetric measures in community-dwelling older individuals. Neurobiology of Aging, 2020, 91, 26-35.	3.1	10
24	MED25 connects enhancer-promoter looping and MYC2-dependent activation of jasmonate signalling. Nature Plants, 2019, 5, 616-625.	9.3	82
25	Dynamic reconfiguration of the functional brain network after musical training in young adults. Brain Structure and Function, 2019, 224, 1781-1795.	2.3	23
26	Trajectories of the Hippocampal Subfields Atrophy in the Alzheimer's Disease: A Structural Imaging Study. Frontiers in Neuroinformatics, 2019, 13, 13.	2.5	94
27	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
28	Musical training induces functional and structural auditory-motor network plasticity in young adults. Human Brain Mapping, 2018, 39, 2098-2110.	3.6	31
29	Variation in longitudinal trajectories of cortical sulci in normal elderly. NeuroImage, 2018, 166, 1-9.	4.2	17
30	Differential Age-Related Changes in Structural Covariance Networks of Human Anterior and Posterior Hippocampus. Frontiers in Physiology, 2018, 9, 518.	2.8	16
31	Altered Whole-Brain Structural Covariance of the Hippocampal Subfields in Subcortical Vascular Mild Cognitive Impairment and Amnesic Mild Cognitive Impairment Patients. Frontiers in Neurology, 2018, 9, 342.	2.4	21
32	Individual Morphological Brain Network Construction Based on Multivariate Euclidean Distances Between Brain Regions. Frontiers in Human Neuroscience, 2018, 12, 204.	2.0	32
33	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
34	Topological Properties of Large-Scale Cortical Networks Based on Multiple Morphological Features in Amnesic Mild Cognitive Impairment. Neural Plasticity, 2016, 2016, 1-14.	2.2	12
35	Brain Network Architecture and Plasticity: MR Neuroimaging Perspectives. Neural Plasticity, 2016, 2016, 1-2.	2.2	0
36	Hippocampal subfield volumetry in patients with subcortical vascular mild cognitive impairment. Scientific Reports, 2016, 6, 20873.	3.3	53

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37	Cellular and molecular insight into the inhibition of primary root growth of Arabidopsis induced by peptaibols, a class of linear peptide antibiotics mainly produced by <i>Trichoderma</i> spp.. Journal of Experimental Botany, 2016, 67, 2191-2205.	4.8	42
38	Abnormal surface morphology of the central sulcus in children with attention-deficit/hyperactivity disorder. Frontiers in Neuroanatomy, 2015, 9, 114.	1.7	15
39	Influential factors for pressure pulse waveform in healthy young adults. Bio-Medical Materials and Engineering, 2015, 26, S497-S505.	0.6	2
40	Comparison of Postural Responses to Galvanic Vestibular Stimulation between Pilots and the General Populace. BioMed Research International, 2015, 2015, 1-6.	1.9	19
41	Abnormalities of structural covariance networks in drug-naïve boys with attention deficit hyperactivity disorder. Psychiatry Research - Neuroimaging, 2015, 231, 273-278.	1.8	24
42	Investigation of key factors affecting the balance function of older adults. Aging Clinical and Experimental Research, 2015, 27, 139-147.	2.9	8
43	Closely Related NAC Transcription Factors of Tomato Differentially Regulate Stomatal Closure and Reopening during Pathogen Attack. Plant Cell, 2014, 26, 3167-3184.	6.6	153
44	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
45	Abnormal Changes of Multidimensional Surface Features Using Multivariate Pattern Classification in Amnesic Mild Cognitive Impairment Patients. Journal of Neuroscience, 2014, 34, 10541-10553.	3.6	72
46	Reliability and Validity of Kinect RGB-D Sensor for Assessing Standing Balance. IEEE Sensors Journal, 2014, 14, 1633-1638.	4.7	79
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	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
49	Rice zinc finger protein DST enhances grain production through controlling <i>Gn1a/OsCKX2</i> expression. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3167-3172.	7.1	252
50	Comparison of two nonlinear registration techniques to investigate brain atrophy patterns in normal aging. Journal of Neuroradiology, 2013, 40, 326-334.	1.1	3
51	Role of Tomato Lipoxigenase D in Wound-Induced Jasmonate Biosynthesis and Plant Immunity to Insect Herbivores. PLoS Genetics, 2013, 9, e1003964.	3.5	166
52	Experimental Study on the Steady Flow in the Carotid Siphon: The Geometric Effect on the Hemodynamics. , 2012, , .		0
53	Surface Morphology of Amygdala Is Associated with Trait Anxiety. PLoS ONE, 2012, 7, e47817.	2.5	7
54	Age-related changes in the surface morphology of the central sulcus. NeuroImage, 2011, 58, 381-390.	4.2	24

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55	Jasmonate modulates endocytosis and plasma membrane accumulation of the Arabidopsis PIN2 protein. <i>New Phytologist</i> , 2011, 191, 360-375.	7.3	131
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	Mapping Surface Variability of the Central Sulcus in Musicians. <i>Cerebral Cortex</i> , 2010, 20, 25-33.	2.9	43
59	Frequency spectral characteristics of standing balance with partial foot support. , 2010, , .		1