

Jianan Xia

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

2,773
citations

236925

25
h-index

233421

45
g-index

112
all docs

112
docs citations

112
times ranked

3152
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered functional coupling between the cerebellum and cerebrum in patients with amnesic mild cognitive impairment. <i>Cerebral Cortex</i> , 2023, 33, 2061-2074.	2.9	0
2	Brain structural and functional anomalies associated with simultanagnosia in patients with posterior cortical atrophy. <i>Brain Imaging and Behavior</i> , 2022, 16, 1148-1162.	2.1	9
3	TCMPR: TCM Prescription Recommendation Based on Subnetwork Term Mapping and Deep Learning. <i>BioMed Research International</i> , 2022, 2022, 1-12.	1.9	7
4	Phenonizer: A Fine-Grained Phenotypic Named Entity Recognizer for Chinese Clinical Texts. <i>BioMed Research International</i> , 2022, 2022, 1-12.	1.9	3
5	Specific structuro-metabolic pattern of thalamic subnuclei in fatal familial insomnia: A PET/MRI imaging study. <i>NeuroImage: Clinical</i> , 2022, 34, 103026.	2.7	2
6	Methodological evaluation of individual cognitive prediction based on the brain white matter structural connectome. <i>Human Brain Mapping</i> , 2022, 43, 3775-3791.	3.6	9
7	Network Pharmacology and Molecular Docking-Based Strategy to Investigate the Multitarget Mechanisms of Shenqi Yizhi Granule on Alzheimer's Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-14.	1.2	2
8	Relationship between the disrupted topological efficiency of the structural brain connectome and glucose hypometabolism in normal aging. <i>NeuroImage</i> , 2021, 226, 117591.	4.2	15
9	Inverse sample entropy analysis for stock markets. <i>Nonlinear Dynamics</i> , 2021, 103, 741-758.	5.2	5
10	Add-On Chinese Medicine for Coronavirus Disease 2019 (ACCORD): A Retrospective Cohort Study of Hospital Registries. <i>The American Journal of Chinese Medicine</i> , 2021, 49, 543-575.	3.8	21
11	Early prevention of cognitive impairment in the community population: The Beijing Aging Brain Rejuvenation Initiative. <i>Alzheimer's and Dementia</i> , 2021, 17, 1610-1618.	0.8	28
12	Disrupted White Matter Networks from Subjective Memory Impairment to Amnesic Mild Cognitive Impairment. <i>Current Alzheimer Research</i> , 2021, 18, 35-44.	1.4	3
13	White Matter Integrity Involvement in the Preclinical Stage of Familial Creutzfeldt-Jakob Disease: A Diffusion Tensor Imaging Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 655667.	3.4	2
14	Brain mechanisms underlying neuropsychiatric symptoms in Alzheimer's disease: a systematic review of symptom-general and -specific lesion patterns. <i>Molecular Neurodegeneration</i> , 2021, 16, 38.	10.8	80
15	Sex Differences in Cortical Morphometry and White Matter Microstructure During Brain Aging and Their Relationships to Cognition. <i>Cerebral Cortex</i> , 2021, 31, 5253-5262.	2.9	12
16	Disrupted anterior and posterior hippocampal structural networks correlate impaired verbal memory and spatial memory in different subtypes of mild cognitive impairment. <i>European Journal of Neurology</i> , 2021, 28, 3955-3964.	3.3	5
17	Community-based Model for Dementia Risk Screening: The Beijing Aging Brain Rejuvenation Initiative (BABRI) Brain Health System. <i>Journal of the American Medical Directors Association</i> , 2021, 22, 1500-1506.e3.	2.5	7
18	Progressive Brain Degeneration From Subjective Cognitive Decline to Amnesic Mild Cognitive Impairment: Evidence From Large-Scale Anatomical Connection Classification Analysis. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 687530.	3.4	4

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19	The Associations Between White Matter Disruptions and Cognitive Decline at the Early Stage of Subcortical Vascular Cognitive Impairment: A Case-Control Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 681208.	3.4	4
20	Dengzhanxixin Injection Ameliorates Cognitive Impairment Through a Neuroprotective Mechanism Based on Mitochondrial Preservation in Patients With Acute Ischemic Stroke. <i>Frontiers in Pharmacology</i> , 2021, 12, 712436.	3.5	5
21	Accelerated Brain Aging in Amnesic Mild Cognitive Impairment: Relationships with Individual Cognitive Decline, Risk Factors for Alzheimer Disease, and Clinical Progression. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200171.	5.8	8
22	Subcortical Hypermetabolism Associated With Cortical Hypometabolism Is a Common Metabolic Pattern in Patients With Anti-Leucine-Rich Glioma-Inactivated 1 Antibody Encephalitis. <i>Frontiers in Immunology</i> , 2021, 12, 672846.	4.8	9
23	Longitudinal clinical trajectory analysis of individuals before and after diagnosis of Type 2 Diabetes Mellitus (T2DM) indicates that vascular problems start early. <i>International Journal of Clinical Practice</i> , 2021, 75, e14695.	1.7	2
24	Dementia and mild cognitive impairment in China: From the public health perspective. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	2
25	TCMPR: TCM Prescription recommendation based on subnetwork term mapping and deep learning. , 2021, , .		4
26	Severity of white matter hyperintensities: Lesion patterns, cognition, and microstructural changes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 2454-2463.	4.3	37
27	Dengzhan Shengmai capsules and their active component scutellarin prevent cognitive decline in APP/PS1 mice by accelerating A β 2 aggregation and reducing oligomers formation. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109682.	5.6	12
28	Prevalence, risk factors, and management of dementia and mild cognitive impairment in adults aged 60 years or older in China: a cross-sectional study. <i>Lancet Public Health</i> , The, 2020, 5, e661-e671.	10.0	573
29	Prediction of longitudinal clinical status changes in mild cognitive impairment by network structural covariance. <i>Alzheimer's and Dementia</i> , 2020, 16, e037162.	0.8	0
30	Glucuronidase-mediated drug interaction of scutellarin in Dengzhan Xixin Injection: A formulation aspect. <i>Drug Development Research</i> , 2020, 81, 609-619.	2.9	5
31	Accelerating Structural Degeneration in Temporal Regions and Their Effects on Cognition in Aging of MCI Patients. <i>Cerebral Cortex</i> , 2020, 30, 326-338.	2.9	13
32	Network topology and machine learning analyses reveal microstructural white matter changes underlying Chinese medicine Dengzhan Shengmai treatment on patients with vascular cognitive impairment. <i>Pharmacological Research</i> , 2020, 156, 104773.	7.1	22
33	Shenqi Yizhi granules protect hippocampus of AD transgenic mice by modulating on multiple pathological processes. <i>Journal of Ethnopharmacology</i> , 2020, 263, 112869.	4.1	9
34	Age-Related Decline in the Topological Efficiency of the Brain Structural Connectome and Cognitive Aging. <i>Cerebral Cortex</i> , 2020, 30, 4651-4661.	2.9	22
35	Identification of Methylated Gene Biomarkers in Patients with Alzheimer's Disease Based on Machine Learning. <i>BioMed Research International</i> , 2020, 2020, 1-11.	1.9	17
36	The Anterior-posterior Functional Connectivity Disconnection in the Elderly with Subjective Memory Impairment and Amnesic Mild Cognitive Impairment. <i>Current Alzheimer Research</i> , 2020, 17, 373-381.	1.4	5

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37	APOE ϵ 4 allele accelerates age-related multi-cognitive decline and white matter damage in non-demented elderly. <i>Aging</i> , 2020, 12, 12019-12031.	3.1	5
38	Female-specific effects of the catechol-O-methyl transferase Val158Met gene polymorphism on working memory-related brain function. <i>Aging</i> , 2020, 12, 23900-23916.	3.1	0
39	White Matter Microstructural Change Contributes to Worse Cognitive Function in Patients With Type 2 Diabetes. <i>Diabetes</i> , 2019, 68, 2085-2094.	0.6	26
40	Long-term efficacy of Chinese medicine Bushen Capsule on cognition and brain activity in patients with amnesic mild cognitive impairment. <i>Pharmacological Research</i> , 2019, 146, 104319.	7.1	20
41	The Contribution of Genetic Factors to Cognitive Impairment and Dementia: Apolipoprotein E Gene, Gene Interactions, and Polygenic Risk. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1177.	4.1	39
42	A far-red fluorescent probe for sensing laccase in fungi and its application in developing an effective biocatalyst for the biosynthesis of antituberculous dicoumarin. <i>Chemical Communications</i> , 2019, 55, 3951-3954.	4.1	13
43	Organic anion transporter 3 (OAT3)-mediated transport of dicaffeoylquinic acids and prediction of potential drug-drug interaction. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 133, 95-103.	4.0	11
44	The positive impacts of early-life education on cognition, leisure activity, and brain structure in healthy aging. <i>Aging</i> , 2019, 11, 4923-4942.	3.1	54
45	Enhancement of teaching outcome through neural prediction of the students' knowledge state. <i>Human Brain Mapping</i> , 2018, 39, 3046-3057.	3.6	97
46	Time irreversibility and invariants revealing of series with complex network approach. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 499, 241-249.	2.6	16
47	Multiscale Analysis of Time Irreversibility Based on Phase-Space Reconstruction and Horizontal Visibility Graph Approach. <i>Fluctuation and Noise Letters</i> , 2018, 17, 1850006.	1.5	11
48	<i>APOE</i> influences working memory in non-demented elderly through an interaction with <i>SPON1</i> rs2618516. <i>Human Brain Mapping</i> , 2018, 39, 2859-2867.	3.6	11
49	The Interactive Effects of Age and PICALM rs541458 Polymorphism on Cognitive Performance, Brain Structure, and Function in Non-demented Elderly. <i>Molecular Neurobiology</i> , 2018, 55, 1271-1283.	4.0	10
50	P2416: STRUCTURAL ABNORMALITIES OF LIMBIC SYSTEM SERVE AS POTENTIAL BIOMARKERS FOR THE ONSET AND PROGRESSION OF MILD COGNITIVE IMPAIRMENT. <i>Alzheimer's and Dementia</i> , 2018, 14, P868.	0.8	0
51	P1436: EFFECT OF <i>APOE</i> ϵ 4 ON BRAIN STRUCTURE AND FUNCTION IN THE TEMPORAL REGIONS IN ELDERLY INDIVIDUALS WITH HYPERTENSION. <i>Alzheimer's and Dementia</i> , 2018, 14, P477.	0.8	0
52	P1133: STRUCTURAL ABNORMALITIES OF LIMBIC SYSTEM SERVE AS POTENTIAL BIOMARKERS FOR THE ONSET AND PROGRESS OF MILD COGNITIVE IMPAIRMENT. <i>Alzheimer's and Dementia</i> , 2018, 14, P110.	0.8	0
53	Brain Network Connectivity Mediates Education-related Cognitive Performance in Healthy Elderly Adults. <i>Current Alzheimer Research</i> , 2018, 16, 19-28.	1.4	10
54	[P4294]: ENHANCED PARIETAL-INGULATE CONNECTIVITY FOLLOWING ALTERED CORTICAL ACTIVATION IMPROVES WORKING MEMORY PERFORMANCE IN OLD AGE. <i>Alzheimer's and Dementia</i> , 2017, 13, P1401.	0.8	0

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55	The positive effects of Xueshuan Xinmai tablets on brain functional connectivity in acute ischemic stroke: a placebo controlled randomized trial. <i>Scientific Reports</i> , 2017, 7, 15244.	3.3	3
56	[P1â€“164]: AGE MODERATES EFFECTS OF <i>PICALM</i> RS541458 ON COGNITIVE IMPAIRMENT AND BRAIN STRUCTURE AND FUNCTIONS. <i>Alzheimer's and Dementia</i> , 2017, 13, P306.	0.8	0
57	Disrupted Brain Structural Connectivity: Pathological Interactions Between Genetic APOE Î¼4 Status and Developed MCI Condition. <i>Molecular Neurobiology</i> , 2017, 54, 6999-7007.	4.0	18
58	<i>SORL1</i> rs1699102 polymorphism modulates ageâ€related cognitive decline and gray matter volume reduction in nonâ€demented individuals. <i>European Journal of Neurology</i> , 2017, 24, 187-194.	3.3	11
59	Precuneus degeneration in nondemented elderly individuals with <i>APOE</i> É4: Evidence from structural and functional MRI analyses. <i>Human Brain Mapping</i> , 2017, 38, 271-282.	3.6	18
60	Inflection Point in Course of Mild Cognitive Impairment: Increased Functional Connectivity of Default Mode Network. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 679-690.	2.6	15
61	[P1â€“453]: INCREASED FUNCTIONAL CONNECTIVITY OF DEFAULT MODE NETWORK IN PATIENTS WITH MODERATE AMNESTIC MILD COGNITIVE IMPAIRMENT: INFLECTION POINT IN COURSE OF DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P460.	0.8	1
62	Default Mode Network Connectivity and Related White Matter Disruption in Type 2 Diabetes Mellitus Patients Concurrent with Amnesic Mild Cognitive Impairment. <i>Current Alzheimer Research</i> , 2017, 14, 1238-1246.	1.4	27
63	Impacts of High Serum Total Cholesterol Level on Brain Functional Connectivity in Non-Demented Elderly. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 455-463.	2.6	16
64	The Effects of an APOE Promoter Polymorphism on Human White Matter Connectivity during Non-Demented Aging. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 77-87.	2.6	12
65	A Two-Year Treatment of Amnesic Mild Cognitive Impairment using a Compound Chinese Medicine: A Placebo Controlled Randomized Trial. <i>Scientific Reports</i> , 2016, 6, 28982.	3.3	18
66	Compositional segmentation and complexity measurement in stock indices. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 442, 67-73.	2.6	8
67	Dysfunctional organization of default mode network before memory impairments in type 2 diabetes. <i>Psychoneuroendocrinology</i> , 2016, 74, 141-148.	2.7	23
68	Tongluo Xingnao Effervescent Tablet preserves mitochondrial energy metabolism and attenuates cognition deficits in APP ^{swe} /PS1 ^{De9} mice. <i>Neuroscience Letters</i> , 2016, 630, 101-108.	2.1	5
69	Disrupted White Matter Network and Cognitive Decline in Type 2 Diabetes Patients. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 185-195.	2.6	39
70	The coupling analysis between stock market indices based on permutation measures. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 447, 222-231.	2.6	5
71	A comprehensive segmentation analysis of crude oil market based on time irreversibility. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 450, 104-114.	2.6	5
72	Disrupted white matter structure underlies cognitive deficit in hypertensive patients. <i>European Radiology</i> , 2016, 26, 2899-2907.	4.5	20

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73	Permutation and weighted-permutation entropy analysis for the complexity of nonlinear time series. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2016, 31, 60-68.	3.3	48
74	The TT allele of rs405509 synergizes with APOE ϵ 4 in the impairment of cognition and its underlying default mode network in non-demented elderly. <i>Current Alzheimer Research</i> , 2016, 13, 708-717.	1.4	14
75	The Effects of Bushen Capsule on Episodic Memory in Amnesic Mild Cognitive Impairment Patients: A Pilot Placebo Controlled fMRI Study. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 665-676.	2.6	13
76	Association of White Matter Integrity and Cognitive Functions in Chinese Non-Demented Elderly with the APOE ϵ 4 Allele. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 781-791.	2.6	17
77	Effects of APOE promoter polymorphism on the topological organization of brain structural connectome in nondemented elderly. <i>Human Brain Mapping</i> , 2015, 36, 4847-4858.	3.6	21
78	Selectively Disrupted Functional Connectivity Networks in Type 2 Diabetes Mellitus. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 233.	3.4	39
79	Sex Moderates the Effects of the Sor11 Gene rs2070045 Polymorphism on Cognitive Impairment and Disruption of the Cingulum Integrity in Healthy Elderly. <i>Neuropsychopharmacology</i> , 2015, 40, 1519-1527.	5.4	14
80	EMD based refined composite multiscale entropy analysis of complex signals. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 421, 583-593.	2.6	33
81	The Effects of an APOE Promoter Polymorphism on Human Cortical Morphology during Nondemented Aging. <i>Journal of Neuroscience</i> , 2015, 35, 1423-1431.	3.6	19
82	Disrupted Functional and Structural Networks in Cognitively Normal Elderly Subjects with the APOE ϵ 4 Allele. <i>Neuropsychopharmacology</i> , 2015, 40, 1181-1191.	5.4	60
83	Compositional segmentation of time series in the financial markets. <i>Applied Mathematics and Computation</i> , 2015, 268, 399-412.	2.2	8
84	Disrupted Frontoparietal Network Mediates White Matter Structure Dysfunction Associated with Cognitive Decline in Hypertension Patients. <i>Journal of Neuroscience</i> , 2015, 35, 10015-10024.	3.6	78
85	Aberrant White Matter Networks Mediate Cognitive Impairment in Patients with Silent Lacunar Infarcts in Basal Ganglia Territory. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1426-1434.	4.3	18
86	Association of White Matter Integrity and Cognitive Functions in Patients With Subcortical Silent Lacunar Infarcts. <i>Stroke</i> , 2015, 46, 1123-1126.	2.0	35
87	Traffic signals analysis using qSDiff and qHDiff with surrogate data. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015, 28, 98-108.	3.3	14
88	Disrupted Functional Connectivity Related to Differential Degeneration of the Cingulum Bundle in Mild Cognitive Impairment Patients. <i>Current Alzheimer Research</i> , 2015, 12, 255-265.	1.4	14
89	The therapeutic effect of Xueshuan Xinmai tablets on memory injury and brain activity in post-stroke patients: a pilot placebo controlled fMRI study. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 7507-16.	1.3	2
90	Altered Brain Activation Patterns Under Different Working Memory Loads in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2014, 37, 3157-3163.	8.6	52

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91	Structural and Functional Brain Changes in the Default Mode Network in Subtypes of Amnesic Mild Cognitive Impairment. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2014, 27, 188-198.	2.3	27
92	Aberrant Functional Networks Connectivity and Structural Atrophy in Silent Lacunar Infarcts: Relationship with Cognitive Impairments. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 841-850.	2.6	24
93	Classifying of financial time series based on multiscale entropy and multiscale time irreversibility. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 400, 151-158.	2.6	46
94	White Matter Integrity Disruptions Associated With Cognitive Impairments in Type 2 Diabetic Patients. <i>Diabetes</i> , 2014, 63, 3596-3605.	0.6	105
95	Early Frontal Structural and Functional Changes in Mild White Matter Lesions Relevant to Cognitive Decline. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 123-134.	2.6	22
96	Aggravated Cognitive and Brain Functional Impairment in Mild Cognitive Impairment Patients with Type 2 Diabetes: A Resting-State Functional MRI Study. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 925-935.	2.6	49
97	Trajectories of Age-Related Cognitive Decline and Potential Associated Factors of Cognitive Function in Senior Citizens of Beijing. <i>Current Alzheimer Research</i> , 2014, 11, 806-816.	1.4	20
98	The Effects of CCRC on Cognition and Brain Activity in aMCI Patients: A Pilot Placebo Controlled BOLD fMRI Study. <i>Current Alzheimer Research</i> , 2014, 11, 484-493.	1.4	20
99	Ameliorative effects of baicalein on an amyloid- β induced Alzheimer's disease rat model: a proteomics study. <i>Current Alzheimer Research</i> , 2014, 11, 869-81.	1.4	13
100	Estimation of local scale exponents for heartbeat time series based on DFA. <i>Nonlinear Dynamics</i> , 2013, 74, 1183-1190.	5.2	38
101	Prevalence of and Potential Risk Factors for Mild Cognitive Impairment in Community-Dwelling Residents of Beijing. <i>Journal of the American Geriatrics Society</i> , 2013, 61, 2111-2119.	2.6	75
102	Amnesic Mild Cognitive Impairment: Topological Reorganization of the Default-Mode Network. <i>Radiology</i> , 2013, 268, 501-514.	7.3	62
103	MULTISCALE ENTROPY ANALYSIS OF TRAFFIC TIME SERIES. <i>International Journal of Modern Physics C</i> , 2013, 24, 1350006.	1.7	49
104	Differences in Functional Brain Activation and Hippocampal Volume Among Amnesic Mild Cognitive Impairment Subtypes. <i>Current Alzheimer Research</i> , 2013, 10, 1080-1089.	1.4	13
105	Disrupted Topological Organization in White Matter Structural Networks in Amnesic Mild Cognitive Impairment: Relationship to Subtype. <i>Radiology</i> , 2012, 265, 518-527.	7.3	106
106	MULTISCALE ENTROPY ANALYSIS OF FINANCIAL TIME SERIES. <i>Fluctuation and Noise Letters</i> , 2012, 11, 1250033.	1.5	40
107	Deficiency in anterior-posterior connectivity of default-mode network in amnesic mild cognitive impairment: A combined task-related and resting-state fMRI study. , 2011, , .		0
108	Baicalin administration is effective in positive regulation of twenty-four ischemia/reperfusion-related proteins identified by a proteomic study. <i>Neurochemistry International</i> , 2009, 54, 488-496.	3.8	31