

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

128 papers	6,481 citations	41 h-index	79 g-index
145 ext. papers	7,882 ext. citations	5.4 avg, IF	5.4 L-index

#	Paper	IF	Citations
128	Disrupted small-world networks in schizophrenia. <i>Brain</i> , 2008 , 131, 945-61	11.2	810
127	Brain anatomical network and intelligence. <i>PLoS Computational Biology</i> , 2009 , 5, e1000395	5	452
126	Altered resting-state functional connectivity and anatomical connectivity of hippocampus in schizophrenia. <i>Schizophrenia Research</i> , 2008 , 100, 120-32	3.6	249
125	Functional dysconnectivity of the dorsolateral prefrontal cortex in first-episode schizophrenia using resting-state fMRI. <i>Neuroscience Letters</i> , 2007 , 417, 297-302	3.3	238
124	Brain spontaneous functional connectivity and intelligence. <i>NeuroImage</i> , 2008 , 41, 1168-76	7.9	237
123	Whole brain functional connectivity in the early blind. <i>Brain</i> , 2007 , 130, 2085-96	11.2	203
122	Altered spontaneous activity in Alzheimer's disease and mild cognitive impairment revealed by Regional Homogeneity. <i>NeuroImage</i> , 2012 , 59, 1429-40	7.9	190
121	Regional homogeneity, functional connectivity and imaging markers of Alzheimer's disease: a review of resting-state fMRI studies. <i>Neuropsychologia</i> , 2008 , 46, 1648-56	3.2	186
120	Increased neural resources recruitment in the intrinsic organization in major depression. <i>Journal of Affective Disorders</i> , 2010 , 121, 220-30	6.6	176
119	Disrupted small-world brain networks in moderate Alzheimer's disease: a resting-state FMRI study. <i>PLoS ONE</i> , 2012 , 7, e33540	3.7	154
118	Resting-state functional connectivity of the vermal and hemispheric subregions of the cerebellum with both the cerebral cortical networks and subcortical structures. <i>NeuroImage</i> , 2012 , 61, 1213-25	7.9	152
117	Functional segregation of the human cingulate cortex is confirmed by functional connectivity based neuroanatomical parcellation. <i>NeuroImage</i> , 2011 , 54, 2571-81	7.9	149
116	Thick visual cortex in the early blind. <i>Journal of Neuroscience</i> , 2009 , 29, 2205-11	6.6	146
115	Impaired long distance functional connectivity and weighted network architecture in Alzheimer's disease. <i>Cerebral Cortex</i> , 2014 , 24, 1422-35	5.1	142
114	Abnormal salience network in normal aging and in amnesic mild cognitive impairment and Alzheimer's disease. <i>Human Brain Mapping</i> , 2014 , 35, 3446-64	5.9	127
113	Convergent functional architecture of the superior parietal lobule unraveled with multimodal neuroimaging approaches. <i>Human Brain Mapping</i> , 2015 , 36, 238-57	5.9	121
112	Altered anatomical network in early blindness revealed by diffusion tensor tractography. <i>PLoS ONE</i> , 2009 , 4, e7228	3.7	111

111	Spontaneous activity associated with primary visual cortex: a resting-state FMRI study. <i>Cerebral Cortex</i> , 2008 , 18, 697-704	5.1	108
110	Altered functional connectivity of primary visual cortex in early blindness. <i>Human Brain Mapping</i> , 2008 , 29, 533-43	5.9	98
109	White matter tract integrity and intelligence in patients with mental retardation and healthy adults. <i>NeuroImage</i> , 2008 , 40, 1533-41	7.9	95
108	Brain responses to symptom provocation and trauma-related short-term memory recall in coal mining accident survivors with acute severe PTSD. <i>Brain Research</i> , 2007 , 1144, 165-74	3.7	81
107	Prefrontal-related functional connectivities within the default network are modulated by COMT val158met in healthy young adults. <i>Journal of Neuroscience</i> , 2010 , 30, 64-9	6.6	78
106	Tractography-based parcellation of the human left inferior parietal lobule. <i>NeuroImage</i> , 2012 , 63, 641-52	7.9	77
105	A neural circuit for comorbid depressive symptoms in chronic pain. <i>Nature Neuroscience</i> , 2019 , 22, 1649-1658	10.5	72
104	Impaired functional connectivity of the thalamus in Alzheimer's disease and mild cognitive impairment: a resting-state fMRI study. <i>Current Alzheimer Research</i> , 2013 , 10, 754-66	3	71
103	Functional Connectivity Density in Congenitally and Late Blind Subjects. <i>Cerebral Cortex</i> , 2015 , 25, 2507-16	3.6	68
102	Aberrant intra- and inter-network connectivity architectures in Alzheimer's disease and mild cognitive impairment. <i>Scientific Reports</i> , 2015 , 5, 14824	4.9	68
101	The relationship within and between the extrinsic and intrinsic systems indicated by resting state correlational patterns of sensory cortices. <i>NeuroImage</i> , 2007 , 36, 684-90	7.9	68
100	Discriminant analysis of functional connectivity patterns on Grassmann manifold. <i>NeuroImage</i> , 2011 , 56, 2058-67	7.9	64
99	Voxel-based meta-analysis of grey matter changes in Alzheimer's disease. <i>Translational Neurodegeneration</i> , 2015 , 4, 6	10.3	59
98	Decreased functional connectivity of the amygdala in Alzheimer's disease revealed by resting-state fMRI. <i>European Journal of Radiology</i> , 2013 , 82, 1531-8	4.7	58
97	Altered resting-state network connectivity in congenital blind. <i>Human Brain Mapping</i> , 2014 , 35, 2573-81	5.9	51
96	Radiomics based on multicontrast MRI can precisely differentiate among glioma subtypes and predict tumour-proliferative behaviour. <i>European Radiology</i> , 2019 , 29, 1986-1996	8	48
95	Radiomic Features of Hippocampal Subregions in Alzheimer's Disease and Amnesic Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 290	5.3	46
94	A neuroimaging biomarker for striatal dysfunction in schizophrenia. <i>Nature Medicine</i> , 2020 , 26, 558-565	50.5	45

93	Age-related decrease in functional connectivity of the right fronto-insular cortex with the central executive and default-mode networks in adults from young to middle age. <i>Neuroscience Letters</i> , 2013 , 544, 74-9	3.3	45
92	Altered functional connectivity of the primary visual cortex in subjects with amblyopia. <i>Neural Plasticity</i> , 2013 , 2013, 612086	3.3	45
91	The development of visual areas depends differently on visual experience. <i>PLoS ONE</i> , 2013 , 8, e53784	3.7	42
90	Altered white matter integrity in the congenital and late blind people. <i>Neural Plasticity</i> , 2013 , 2013, 128236	3.3	41
89	Aberrant functional organization within and between resting-state networks in AD. <i>PLoS ONE</i> , 2013 , 8, e63727	3.7	41
88	Altered Intranetwork and Internetwork Functional Connectivity in Type 2 Diabetes Mellitus With and Without Cognitive Impairment. <i>Scientific Reports</i> , 2016 , 6, 32980	4.9	39
87	COMT val158met modulates association between brain white matter architecture and IQ. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009 , 150B, 375-80	3.5	38
86	Spontaneous brain activity observed with functional magnetic resonance imaging as a potential biomarker in neuropsychiatric disorders. <i>Cognitive Neurodynamics</i> , 2010 , 4, 275-94	4.2	37
85	Multiple Effect of APOE Genotype on Clinical and Neuroimaging Biomarkers Across Alzheimer's Disease Spectrum. <i>Molecular Neurobiology</i> , 2016 , 53, 4539-47	6.2	35
84	Perceptual and response interference in Alzheimer's disease and mild cognitive impairment. <i>Clinical Neurophysiology</i> , 2013 , 124, 2389-96	4.3	35
83	Longitudinal Study of Impaired Intra- and Inter-Network Brain Connectivity in Subjects at High Risk for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016 , 52, 913-27	4.3	35
82	Altered spontaneous activity in anisometropic amblyopia subjects: revealed by resting-state FMRI. <i>PLoS ONE</i> , 2012 , 7, e43373	3.7	34
81	Convergent and divergent intranetwork and internetwork connectivity patterns in patients with remitted late-life depression and amnesic mild cognitive impairment. <i>Cortex</i> , 2016 , 83, 194-211	3.8	33
80	Age of onset of blindness affects brain anatomical networks constructed using diffusion tensor tractography. <i>Cerebral Cortex</i> , 2013 , 23, 542-51	5.1	33
79	Impaired Parahippocampus Connectivity in Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016 , 49, 1051-64	4.3	31
78	Increased regional homogeneity of blood oxygen level-dependent signals in occipital cortex of early blind individuals. <i>NeuroReport</i> , 2011 , 22, 190-4	1.7	30
77	Connectivity Profiles Reveal a Transition Subarea in the Parahippocampal Region That Integrates the Anterior Temporal-Posterior Medial Systems. <i>Journal of Neuroscience</i> , 2016 , 36, 2782-95	6.6	28
76	Independent and reproducible hippocampal radiomic biomarkers for multisite Alzheimer's disease: diagnosis, longitudinal progress and biological basis. <i>Science Bulletin</i> , 2020 , 65, 1103-1113	10.6	27

75	Grey-matter volume as a potential feature for the classification of Alzheimer's disease and mild cognitive impairment: an exploratory study. <i>Neuroscience Bulletin</i> , 2014 , 30, 477-89	4.3	27
74	Haplotypes of catechol-O-methyltransferase modulate intelligence-related brain white matter integrity. <i>NeuroImage</i> , 2010 , 50, 243-9	7.9	27
73	Linked 4-Way Multimodal Brain Differences in Schizophrenia in a Large Chinese Han Population. <i>Schizophrenia Bulletin</i> , 2019 , 45, 436-449	1.3	27
72	BRANT: A Versatile and Extendable Resting-State fMRI Toolkit. <i>Frontiers in Neuroinformatics</i> , 2018 , 12, 52	3.9	26
71	mutation-specific radiomic signature in lower-grade gliomas. <i>Aging</i> , 2019 , 11, 673-696	5.6	26
70	Aberrant Functional Connectivity Architecture in Participants with Chronic Insomnia Disorder Accompanying Cognitive Dysfunction: A Whole-Brain, Data-Driven Analysis. <i>Frontiers in Neuroscience</i> , 2017 , 11, 259	5.1	22
69	Aberrant Functional Connectivity Architecture in Alzheimer's Disease and Mild Cognitive Impairment: A Whole-Brain, Data-Driven Analysis. <i>BioMed Research International</i> , 2015 , 2015, 495375	3	22
68	Longitudinal alteration of amygdalar functional connectivity in mild cognitive impairment subjects revealed by resting-state FMRI. <i>Brain Connectivity</i> , 2014 , 4, 361-70	2.7	21
67	Generalizable, Reproducible, and Neuroscientifically Interpretable Imaging Biomarkers for Alzheimer's Disease. <i>Advanced Science</i> , 2020 , 7, 2000675	13.6	20
66	Rapid eye movement sleep behavior disorder in patients with probable Alzheimer's disease. <i>Aging Clinical and Experimental Research</i> , 2016 , 28, 951-7	4.8	20
65	Brainnetome-wide association studies in schizophrenia: the advances and future. <i>Neuroscience and Biobehavioral Reviews</i> , 2013 , 37, 2818-35	9	20
64	Default network and intelligence difference. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2009 , 2009, 2212-5	0.9	20
63	Altered functional connectivity of the marginal division in Alzheimer's disease. <i>Current Alzheimer Research</i> , 2014 , 11, 145-55	3	20
62	Alterations of Regional Spontaneous Brain Activity and Gray Matter Volume in the Blind. <i>Neural Plasticity</i> , 2015 , 2015, 141950	3.3	19
61	Distinct Changes in Functional Connectivity in Posteromedial Cortex Subregions during the Progress of Alzheimer's Disease. <i>Frontiers in Neuroanatomy</i> , 2016 , 10, 41	3.6	18
60	Core networks and their reconfiguration patterns across cognitive loads. <i>Human Brain Mapping</i> , 2018 , 39, 3546-3557	5.9	16
59	Polygenic risk for Alzheimer's disease influences precuneal volume in two independent general populations. <i>Neurobiology of Aging</i> , 2018 , 64, 116-122	5.6	16
58	Multimodal Voxel-Based Meta-Analysis of White Matter Abnormalities in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015 , 47, 495-507	4.3	16

57	Grab-AD: Generalizability and reproducibility of altered brain activity and diagnostic classification in Alzheimer's Disease. <i>Human Brain Mapping</i> , 2020 , 41, 3379-3391	5.9	15
56	Network-Based Statistic Show Aberrant Functional Connectivity in Alzheimer's Disease. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2016 , 10, 1182-1188	7.5	15
55	ASAF: altered spontaneous activity fingerprinting in Alzheimer's disease based on multisite fMRI. <i>Science Bulletin</i> , 2019 , 64, 998-1010	10.6	14
54	Default Network and Intelligence Difference. <i>IEEE Transactions on Autonomous Mental Development</i> , 2009 , 1, 101-109		14
53	Regional homogeneity and anatomical parcellation for fMRI image classification: application to schizophrenia and normal controls 2007 , 10, 136-43		14
52	Characterizing white matter connectivity in Alzheimer's disease and mild cognitive impairment: An automated fiber quantification analysis with two independent datasets. <i>Cortex</i> , 2020 , 129, 390-405	3.8	13
51	Altered Functional Connectivity of the Primary Visual Cortex in Adult Comitant Strabismus: A Resting-State Functional MRI Study. <i>Current Eye Research</i> , 2019 , 44, 316-323	2.9	13
50	Polygenic effects of schizophrenia on hippocampal grey matter volume and hippocampus-medial prefrontal cortex functional connectivity. <i>British Journal of Psychiatry</i> , 2020 , 216, 267-274	5.4	13
49	Attention-based 3D Convolutional Network for Alzheimer's Disease Diagnosis and Biomarkers Exploration 2019 ,		12
48	Both activated and less-activated regions identified by functional MRI reconfigure to support task executions. <i>Brain and Behavior</i> , 2018 , 8, e00893	3.4	10
47	Modified periodogram method for estimating the Hurst exponent of fractional Gaussian noise. <i>Physical Review E</i> , 2009 , 80, 066207	2.4	10
46	Sculpting the Intrinsic Modular Organization of Spontaneous Brain Activity by Art. <i>PLoS ONE</i> , 2013 , 8, e66761	3.7	9
45	Structural and Functional Reorganization Within Cognitive Control Network Associated With Protection of Executive Function in Patients With Unilateral Frontal Gliomas. <i>Frontiers in Oncology</i> , 2020 , 10, 794	5.3	8
44	Parcellation of the primary cerebral cortices based on local connectivity profiles. <i>Frontiers in Neuroanatomy</i> , 2015 , 9, 50	3.6	8
43	Co-activation Probability Estimation (CoPE): An approach for modeling functional co-activation architecture based on neuroimaging coordinates. <i>NeuroImage</i> , 2015 , 117, 397-407	7.9	7
42	Aberrant Hippocampal Functional Connectivity Is Associated with Fornix White Matter Integrity in Alzheimer's Disease and Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2020 , 75, 1153-1168	4.3	7
41	Quantitative Radiomic Features as New Biomarkers for Alzheimer's Disease: An Amyloid PET Study. <i>Cerebral Cortex</i> , 2021 , 31, 3950-3961	5.1	7
40	Brain regions associated with telomerase reverse transcriptase promoter mutations in primary glioblastomas. <i>Journal of Neuro-Oncology</i> , 2016 , 128, 455-62	4.8	7

39	Multimodal Magnetic Resonance Imaging for Brain Disorders: Advances and Perspectives. <i>Brain Imaging and Behavior</i> , 2008 , 2, 249-257	4.1	6
38	Default mode network integrity changes contribute to cognitive deficits in subcortical vascular cognitive impairment, no dementia. <i>Brain Imaging and Behavior</i> , 2021 , 15, 255-265	4.1	6
37	KIBRA and APOE Gene Variants Affect Brain Functional Network Connectivity in Healthy Older People. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 1725-1733	6.4	5
36	Dysfunctional Architecture Underlies White Matter Hyperintensities with and without Cognitive Impairment. <i>Journal of Alzheimers Disease</i> , 2019 , 71, 461-476	4.3	5
35	AI4AD: Artificial intelligence analysis for Alzheimer's disease classification based on a multisite DTI database. <i>Brain Disorders</i> , 2021 , 1, 100005		5
34	Visual deprivation selectively reshapes the intrinsic functional architecture of the anterior insula subregions. <i>Scientific Reports</i> , 2017 , 7, 45675	4.9	4
33	Accelerating Brain 3D T1-Weighted Turbo Field Echo MRI Using Compressed Sensing-Sensitivity Encoding (CS-SENSE). <i>European Journal of Radiology</i> , 2020 , 131, 109255	4.7	4
32	Intrinsic connectivity identifies the sensory-motor network as a main cross-network between remitted late-life depression- and amnesic mild cognitive impairment-targeted networks. <i>Brain Imaging and Behavior</i> , 2020 , 14, 1130-1142	4.1	4
31	Anatomical specificity of vascular endothelial growth factor expression in glioblastomas: a voxel-based mapping analysis. <i>Neuroradiology</i> , 2016 , 58, 69-75	3.2	3
30	Impaired episodic memory network in subjects at high risk for Alzheimer's disease. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2016 , 2016, 4017-4020	0.9	3
29	Multimodal Representations Learning and Adversarial Hypergraph Fusion for Early Alzheimer's Disease Prediction. <i>Lecture Notes in Computer Science</i> , 2021 , 479-490	0.9	3
28	An MRI-based radiomics-clinical nomogram for the overall survival prediction in patients with hypopharyngeal squamous cell carcinoma: a multi-cohort study. <i>European Radiology</i> , 2021 , 1	8	3
27	Cortical and Subcortical Grey Matter Abnormalities in White Matter Hyperintensities and Subsequent Cognitive Impairment. <i>Neuroscience Bulletin</i> , 2021 , 37, 789-803	4.3	3
26	Enhanced Functional Coupling of Hippocampal Sub-regions in Congenitally and Late Blind Subjects. <i>Frontiers in Neuroscience</i> , 2016 , 10, 612	5.1	2
25	Regional radiomics similarity networks (R2SN) in the human brain: reproducibility, small-world and biological basis		2
24	polygenic risk is associated with schizophrenia and affects functional connectivity of the dorsolateral prefrontal cortex. <i>Psychological Medicine</i> , 2020 , 50, 1510-1518	6.9	2
23	Predicting brain age during typical and atypical development based on structural and functional neuroimaging. <i>Human Brain Mapping</i> , 2021 , 42, 5943-5955	5.9	2
22	Disrupted Small-world Networks are Associated with Decreased Vigilant Attention after Total Sleep Deprivation. <i>Neuroscience</i> , 2021 , 471, 51-60	3.9	2

21	Early classification of Alzheimer's disease using hippocampal texture from structural MRI 2017 ,		1
20	The Efficacy of COGNitive tRaining in patiEnts with Amnestic mild coGNitive impairmENT (COG-REAGENT): Protocol for a Multi-Center Randomized Controlled Trial. <i>Journal of Alzheimers Disease</i> , 2020 , 75, 779-787	4.3	1
19	2019 ,		1
18	Multisite schizophrenia classification by integrating structural magnetic resonance imaging data with polygenic risk score. <i>NeuroImage: Clinical</i> , 2021 , 32, 102860	5.3	1
17	Episodic Memory-Related Imaging Features as Valuable Biomarkers for the Diagnosis of Alzheimer's Disease: A Multicenter Study Based on Machine Learning. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020 ,	3.4	1
16	Regional radiomics similarity networks (R2SNs) in the human brain: Reproducibility, small-world properties and a biological basis. <i>Network Neuroscience</i> , 2021 , 5, 783-797	5.6	1
15	New Trajectory of Clinical and Biomarker Changes in Sporadic Alzheimer's Disease. <i>Cerebral Cortex</i> , 2021 , 31, 3363-3373	5.1	1
14	Test-retest Reliability of Functional Connectivity and Graph Metrics in the Resting Brain Network. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2018 , 2018, 1028-1031	0.9	1
13	Cortical structure and the risk for Alzheimer's disease: a bidirectional Mendelian randomization study. <i>Translational Psychiatry</i> , 2021 , 11, 476	8.6	1
12	Regional Radiomics Similarity Networks Reveal Distinct Subtypes and Abnormality Patterns in Mild Cognitive Impairment.. <i>Advanced Science</i> , 2022 , e2104538	13.6	0
11	Gray Matter-Based Age Prediction Characterizes Different Regional Patterns. <i>Neuroscience Bulletin</i> , 2021 , 37, 94-98	4.3	0
10	Hippocampal and Amygdalar Morphological Abnormalities in Alzheimer's Disease Based on Three Chinese MRI Datasets. <i>Current Alzheimer Research</i> , 2020 , 17, 1221-1231	3	0
9	No differences in brain microstructure between young KIBRA-C carriers and non-carriers. <i>Oncotarget</i> , 2018 , 9, 1200-1209	3.3	0
8	Multipredictor risk models for predicting individual risk of Alzheimer's disease. <i>Alzheimers and Dementia</i> , 2020 , 16, e042252	1.2	
7	Spontaneous Low-Frequency Fluctuation Observed with Functional Magnetic Resonance Imaging as a Potential Biomarker in Neuropsychiatric Disorders 2011 , 47-57		
6	P1-481: DEFAULT MODE NETWORK CONNECTIVITY CHANGE DETECTED BY DIFFUSION TENSOR IMAGING CONTRIBUTES TO COGNITIVE IMPAIRMENTS IN VASCULAR COGNITIVE IMPAIRMENT, NO DEMENTIA 2018 , 14, P510-P510		
5	P3-360: IMPAIRED BRAIN SPONTANEOUS ACTIVITY OF ALZHEIMER DISEASE REVEALED BY MULTICENTER RESTING FMRI (N=688) 2018 , 14, P1224-P1225		
4	IC-P-032: INFLUENCE OF NETWORK CONSTRUCTION METHODS ON PATH LENGTH VALUES IN ALZHEIMER'S DISEASE: A MULTI-STUDY ANALYSIS OF MRI CONNECTIVITY STUDIES 2018 , 14, P36-P37		

- 3 A systematic analysis of diagnostic performance for Alzheimer's disease using structural MRI. *Psychoradiology*, **2022**, 2, 287-295
- 2 Altered Connection and Diagnosis Utility of White Matter in Alzheimer's Disease: A Multi-site Automated Fiber Quantification Study. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2021**, 2021, 2923-2927 0.9
- 1 Understanding Brain Network Dynamics in Autism Begs for Generalization.. *Biological Psychiatry*, **2022**, 91, 916-917 7.9