kewei Chen

List of Publications by Year in descending order

350 papers	22,937 citations	8755 75 h-index	10158 140 g-index
376 all docs	376 docs citations	376 times ranked	21154 citing authors

#	ARTICLE	IF	CITATIONS
1	Preclinical Evidence of Alzheimer's Disease in Persons Homozygous for the Îµ4 Allele for Apolipoprotein E. New England Journal of Medicine, 1996, 334, 752-758.	27.0	1,320
2	Functional brain abnormalities in young adults at genetic risk for late-onset Alzheimer's dementia. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 284-289.	7.1	907
3	Thermosensory activation of insular cortex. Nature Neuroscience, 2000, 3, 184-190.	14.8	883
4	Fibrillar amyloid-Î² burden in cognitively normal people at 3 levels of genetic risk for Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6820-6825.	7.1	700
5	Neural correlates of heart rate variability during emotion. NeuroImage, 2009, 44, 213-222.	4.2	588
6	Neuroanatomical correlates of hunger and satiation in humans using positron emission tomography. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 4569-4574.	7.1	549
7	The Alzheimer's Disease Neuroimaging Initiative positron emission tomography core. Alzheimer's and Dementia, 2010, 6, 221-229.	0.8	464
8	Brain abnormalities in human obesity: A voxel-based morphometric study. NeuroImage, 2006, 31, 1419-1425.	4.2	459
9	Brain imaging and fluid biomarker analysis in young adults at genetic risk for autosomal dominant Alzheimer's disease in the presenilin 1 E280A kindred: a case-control study. Lancet Neurology, The, 2012, 11, 1048-1056.	10.2	450
10	Declining brain activity in cognitively normal apolipoprotein E É›4 heterozygotes: A foundation for using positron emission tomography to efficiently test treatments to prevent Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 3334-3339.	7.1	444
11	Longitudinal PET Evaluation of Cerebral Metabolic Decline in Dementia: A Potential Outcome Measure in Alzheimerâ€™s Disease Treatment Studies. American Journal of Psychiatry, 2002, 159, 738-745.	7.2	437
12	Correlations between apolipoprotein E Îµ4 gene dose and brain-imaging measurements of regional hypometabolism. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8299-8302.	7.1	366
13	Using Positron Emission Tomography and Florbetapir F 18 to Image Cortical Amyloid in Patients With Mild Cognitive Impairment or Dementia Due to Alzheimer Disease. Archives of Neurology, 2011, 68, 1404.	4.5	310
14	Alzheimer's Prevention Initiative: A Plan to Accelerate the Evaluation of Presymptomatic Treatments. Journal of Alzheimer's Disease, 2011, 26, 321-329.	2.6	309
15	Arithmetic processing in the brain shaped by cultures. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10775-10780.	7.1	306
16	Noninvasive Quantification of the Cerebral Metabolic Rate for Glucose Using Positron Emission Tomography, 18F-Fluoro-2-Deoxyglucose, the Patlak Method, and an Image-Derived Input Function. Journal of Cerebral Blood Flow and Metabolism, 1998, 18, 716-723.	4.3	286
17	Learning brain connectivity of Alzheimer's disease by sparse inverse covariance estimation. NeuroImage, 2010, 50, 935-949.	4.2	280
18	Measurement of Longitudinal Î²-Amyloid Change with ^{18}F-Florbetapir PET and Standardized Uptake Value Ratios. Journal of Nuclear Medicine, 2015, 56, 567-574.	5.0	273

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19	Categorical and correlational analyses of baseline fluorodeoxyglucose positron emission tomography images from the Alzheimer's Disease Neuroimaging Initiative (ADNI). NeuroImage, 2009, 45, 1107-1116.	4.2	258
20	Image-Derived Input Function for Brain PET Studies: Many Challenges and Few Opportunities. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1986-1998.	4.3	246
21	Activation of brain regions vulnerable to Alzheimer's disease: The effect of mild cognitive impairment. Neurobiology of Aging, 2006, 27, 1604-1612.	3.1	228
22	Association of CR1, CLU and PICALM with Alzheimer's disease in a cohort of clinically characterized and neuropathologically verified individuals. Human Molecular Genetics, 2010, 19, 3295-3301.	2.9	223
23	Brain Differences in Infants at Differential Genetic Risk for Late-Onset Alzheimer Disease. JAMA Neurology, 2014, 71, 11.	9.0	221
24	Florbetapir PET analysis of amyloid-β deposition in the presenilin 1 E280A autosomal dominant Alzheimer's disease kindred: a cross-sectional study. Lancet Neurology, The, 2012, 11, 1057-1065.	10.2	209
25	Apolipoprotein E ε4 and age effects on florbetapir positron emission tomography in healthy aging and Alzheimer disease. Neurobiology of Aging, 2013, 34, 1-12.	3.1	208
26	Successful dieters have increased neural activity in cortical areas involved in the control of behavior. International Journal of Obesity, 2007, 31, 440-448.	3.4	204
27	Resting-state BOLD networks versus task-associated functional MRI for distinguishing Alzheimer's disease risk groups. NeuroImage, 2009, 47, 1678-1690.	4.2	201
28	Interpreting scan data acquired from multiple scanners: A study with Alzheimer's disease. NeuroImage, 2008, 39, 1180-1185.	4.2	200
29	The Alzheimer's Disease Neuroimaging Initiative 2 PET Core: 2015. Alzheimer's and Dementia, 2015, 11, 757-771.	0.8	199
30	Effect of Satiation on Brain Activity in Obese and Lean Women. Obesity, 2001, 9, 676-684.	4.0	184
31	Altered default mode network connectivity in alzheimer's disease—A resting functional MRI and bayesian network study. Human Brain Mapping, 2011, 32, 1868-1881.	3.6	172
32	Tau Positron-Emission Tomography in Former National Football League Players. New England Journal of Medicine, 2019, 380, 1716-1725.	27.0	165
33	Cerebral blood flow in Alzheimer’s disease. Vascular Health and Risk Management, 2012, 8, 599.	2.3	162
34	Persistence of abnormal neural responses to a meal in postobese individuals. International Journal of Obesity, 2004, 28, 370-377.	3.4	159
35	Neuroimaging and Obesity. Annals of the New York Academy of Sciences, 2002, 967, 389-397.	3.8	159
36	Less activation of the left dorsolateral prefrontal cortex in response to a meal: a feature of obesity. American Journal of Clinical Nutrition, 2006, 84, 725-731.	4.7	151

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37	Association between trait emotional awareness and dorsal anterior cingulate activity during emotion is arousal-dependent. NeuroImage, 2008, 41, 648-655.	4.2	151
38	Twelve-month metabolic declines in probable Alzheimer's disease and amnestic mild cognitive impairment assessed using an empirically pre-defined statistical region-of-interest: Findings from the Alzheimer's Disease Neuroimaging Initiative. NeuroImage, 2010, 51, 654-664.	4.2	145
39	Associations Between Biomarkers and Age in the Presenilin 1 E280A Autosomal Dominant Alzheimer Disease Kindred. JAMA Neurology, 2015, 72, 316.	9.0	145
40	Characterizing Alzheimer's disease using a hypometabolic convergence index. NeuroImage, 2011, 56, 52-60.	4.2	144
41	Genetic Susceptibility for Alzheimer Disease Neuritic Plaque Pathology. JAMA Neurology, 2013, 70, 1150.	9.0	143
42	Sensory experience of food and obesity: a positron emission tomography study of the brain regions affected by tasting a liquid meal after a prolonged fast. NeuroImage, 2005, 24, 436-443.	4.2	139
43	Clinical and multimodal biomarker correlates of ADNI neuropathological findings. Acta Neuropathologica Communications, 2013, 1, 65.	5.2	138
44	Association Between Amyloid and Tau Accumulation in Young Adults With Autosomal Dominant Alzheimer Disease. JAMA Neurology, 2018, 75, 548.	9.0	137
45	A phase Ib multiple ascending dose study of the safety, tolerability, and central nervous system availability of AZD0530 (saracatinib) in Alzheimer's disease. Alzheimer's Research and Therapy, 2015, 7, 35.	6.2	129
46	Voxel-based assessment of gray and white matter volumes in Alzheimer's disease. Neuroscience Letters, 2010, 468, 146-150.	2.1	128
47	Ushering in the study and treatment of preclinical Alzheimer disease. Nature Reviews Neurology, 2013, 9, 371-381.	10.1	125
48	Posterior Cingulate Glucose Metabolism, Hippocampal Glucose Metabolism, and Hippocampal Volume in Cognitively Normal, Late-Middle-Aged Persons at 3 Levels of Genetic Risk for Alzheimer Disease. JAMA Neurology, 2013, 70, 320.	9.0	123
49	Improved Power for Characterizing Longitudinal Amyloid-Î² PET Changes and Evaluating Amyloid-Modifying Treatments with a Cerebral White Matter Reference Region. Journal of Nuclear Medicine, 2015, 56, 560-566.	5.0	122
50	Sex differences in the human brain's response to hunger and satiation. American Journal of Clinical Nutrition, 2002, 75, 1017-1022.	4.7	120
51	Less activation in the left dorsolateral prefrontal cortex in the reanalysis of the response to a meal in obese than in lean women and its association with successful weight loss. American Journal of Clinical Nutrition, 2007, 86, 573-579.	4.7	113
52	Age-related networks of regional covariance in MRI gray matter: Reproducible multivariate patterns in healthy aging. NeuroImage, 2010, 49, 1750-1759.	4.2	113
53	Postprandial glucagon-like peptide-1 (GLP-1) response is positively associated with changes in neuronal activity of brain areas implicated in satiety and food intake regulation in humans. NeuroImage, 2007, 35, 511-517.	4.2	112
54	Subjective cognitive decline: Self and informant comparisons. Alzheimer's and Dementia, 2014, 10, 93-98.	0.8	111

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55	Attention‐related networks in Alzheimer's disease: A resting functional MRI study. Human Brain Mapping, 2012, 33, 1076-1088.	3.6	110
56	An empirically derived composite cognitive test score with improved power to track and evaluate treatments for preclinical Alzheimer's disease. Alzheimer's and Dementia, 2014, 10, 666-674.	0.8	110
57	Blood pressure is associated with higher brain amyloid burden and lower glucose metabolism in healthy late middle-age persons. Neurobiology of Aging, 2012, 33, 827.e11-827.e19.	3.1	109
58	Amyloid positron emission tomography and cerebrospinal fluid results from a crenezumab anti-amyloid-beta antibody double-blind, placebo-controlled, randomized phase II study in mild-to-moderate Alzheimer's disease (BLAZE). Alzheimer's Research and Therapy, 2018, 10, 96.	6.2	109
59	Characterization of the image-derived carotid artery input function using independent component analysis for the quantitation of [18F] fluorodeoxyglucose positron emission tomography images. Physics in Medicine and Biology, 2007, 52, 7055-7071.	3.0	107
60	The Alzheimer's Prevention Initiative Autosomal‐Dominant Alzheimer's Disease Trial: A study of crenezumab versus placebo in preclinical <i>PSEN1</i> E280A mutation carriers to evaluate efficacy and safety in the treatment of autosomal‐dominant Alzheimer's disease, including a placebo‐treated noncarrier cohort. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2018, 4, 150-160.	3.7	107
61	Effect of AZD0530 on Cerebral Metabolic Decline in Alzheimer Disease. JAMA Neurology, 2019, 76, 1219.	9.0	107
62	A rat brain MRI template with digital stereotaxic atlas of fine anatomical delineations in paxinos space and its automated application in voxel‐wise analysis. Human Brain Mapping, 2013, 34, 1306-1318.	3.6	105
63	Correlations Between Apolipoprotein E ε4 Gene Dose and Whole Brain Atrophy Rates. American Journal of Psychiatry, 2007, 164, 916-921.	7.2	104
64	Evidence for an association between KIBRA and late-onset Alzheimer's disease. Neurobiology of Aging, 2010, 31, 901-909.	3.1	100
65	A 36-week multicenter, randomized, double-blind, placebo-controlled, parallel-group, phase 3 clinical trial of sodium oligomannate for mild-to-moderate Alzheimer's dementia. Alzheimer's Research and Therapy, 2021, 13, 62.	6.2	99
66	Brain Imaging and Blood Biomarker Abnormalities in Children With Autosomal Dominant Alzheimer Disease. JAMA Neurology, 2015, 72, 912.	9.0	94
67	Correlating Cerebral Hypometabolism With Future Memory Decline in Subsequent Converters to Amnestic Pre–Mild Cognitive Impairment. Archives of Neurology, 2008, 65, 1231-6.	4.5	91
68	Hypometabolism in Alzheimer-Affected Brain Regions in Cognitively Healthy Latino Individuals Carrying the Apolipoprotein E ε4 Allele. Archives of Neurology, 2010, 67, 462-8.	4.5	89
69	Neuroimaging and obesity: mapping the brain responses to hunger and satiation in humans using positron emission tomography. Annals of the New York Academy of Sciences, 2002, 967, 389-97.	3.8	87
70	A Multi-Center Randomized Proof-of-Concept Clinical Trial Applying [18F]FDG-PET for Evaluation of Metabolic Therapy with Rosiglitazone XR in Mild to Moderate Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 22, 1241-1256.	2.6	86
71	Higher serum glucose levels are associated with cerebral hypometabolism in Alzheimer regions. Neurology, 2013, 80, 1557-1564.	1.1	83
72	Gender Differences in Alzheimer Disease: Brain Atrophy, Histopathology Burden, and Cognition. Journal of Neuropathology and Experimental Neurology, 2016, 75, 748-754.	1.7	82

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73	Gray matter network associated with risk for Alzheimer's disease in young to middle-aged adults. Neurobiology of Aging, 2012, 33, 2723-2732.	3.1	81
74	Antidepressant effects of sertraline associated with volume increases in dorsolateral prefrontal cortex. Journal of Affective Disorders, 2013, 146, 414-419.	4.1	80
75	Summary Metrics to Assess Alzheimer Disease–Related Hypometabolic Pattern with 18F-FDG PET: Head-to-Head Comparison. Journal of Nuclear Medicine, 2012, 53, 592-600.	5.0	79
76	Age-Related Regional Network of Magnetic Resonance Imaging Gray Matter in the Rhesus Macaque. Journal of Neuroscience, 2008, 28, 2710-2718.	3.6	78
77	An evaluation of the algorithms for determining local cerebral metabolic rates of glucose using positron emission tomography dynamic data. IEEE Transactions on Medical Imaging, 1995, 14, 697-710.	8.9	77
78	Accurate measurement of brain changes in longitudinal MRI scans using tensor-based morphometry. NeuroImage, 2011, 57, 5-14.	4.2	77
79	Neuronal injury biomarkers and prognosis in ADNI subjects with normal cognition. Acta Neuropathologica Communications, 2014, 2, 26.	5.2	77
80	Heterogeneous data fusion for alzheimer's disease study. , 2008, , .		75
81	Prevalence of and Potential Risk Factors for Mild Cognitive Impairment in Community-Dwelling Residents of Beijing. Journal of the American Geriatrics Society, 2013, 61, 2111-2119.	2.6	75
82	The Alzheimer's Prevention Initiative Composite Cognitive Test Score. Journal of Clinical Psychiatry, 2014, 75, 652-660.	2.2	75
83	Regional network of magnetic resonance imaging gray matter volume in healthy aging. NeuroReport, 2006, 17, 951-956.	1.2	74
84	Relationships between plasma leptin concentrations and human brain structure: A voxel-based morphometric study. Neuroscience Letters, 2007, 412, 248-253.	2.1	72
85	Altered Connectivity Pattern of Hubs in Default-Mode Network with Alzheimer's Disease: An Granger Causality Modeling Approach. PLoS ONE, 2011, 6, e25546.	2.5	71
86	Functional brain mapping using positron emission tomography scanning in preoperative neurosurgical planning for pediatric brain tumors. Journal of Neurosurgery, 1999, 91, 797-803.	1.6	70
87	Multi-modality sparse representation-based classification for Alzheimer's disease and mild cognitive impairment. Computer Methods and Programs in Biomedicine, 2015, 122, 182-190.	4.7	70
88	Regions of the human brain affected during a liquid-meal taste perception in the fasting state: a positron emission tomography study. American Journal of Clinical Nutrition, 1999, 70, 806-810.	4.7	67
89	Sensitivity to change and prediction of global change for the Alzheimer's Questionnaire. Alzheimer's Research and Therapy, 2015, 7, 1.	6.2	67
90	Prediction of Mild Cognitive Impairment Conversion Using a Combination of Independent Component Analysis and the Cox Model. Frontiers in Human Neuroscience, 2017, 11, 33.	2.0	66

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91	Linking functional and structural brain images with multivariate network analyses: A novel application of the partial least square method. NeuroImage, 2009, 47, 602-610.	4.2	65
92	Clustering huge data sets for parametric PET imaging. BioSystems, 2003, 71, 81-92.	2.0	64
93	Left lateralized cerebral glucose metabolism declines in amyloid-Î² positive persons with mild cognitive impairment. NeuroImage: Clinical, 2018, 20, 286-296.	2.7	64
94	Tracking AlzheimerÊ¼s disease in transgenic mice using fluorodeoxyglucose autoradiography. NeuroReport, 2000, 11, 987-991.	1.2	63
95	Prediction of Progressive Mild Cognitive Impairment by Multi-Modal Neuroimaging Biomarkers. Journal of Alzheimer's Disease, 2016, 51, 1045-1056.	2.6	62
96	Use of Positron Emission Tomography for Presurgical Localization of Eloquent Brain Areas in Children with Seizures. Pediatric Neurosurgery, 1997, 26, 144-156.	0.7	61
97	Higher serum total cholesterol levels in late middle age are associated with glucose hypometabolism in brain regions affected by Alzheimer's disease and normal aging. NeuroImage, 2010, 49, 169-176.	4.2	61
98	Disrupted Functional and Structural Networks in Cognitively Normal Elderly Subjects with the APOE É›4 Allele. Neuropsychopharmacology, 2015, 40, 1181-1191.	5.4	60
99	Florbetapir PET, FDG PET, and MRI in Down syndrome individuals with and without Alzheimer's dementia. Alzheimer's and Dementia, 2015, 11, 994-1004.	0.8	58
100	Prevalence of the apolipoprotein E Îµ4 allele in amyloid Î² positive subjects across the spectrum of Alzheimer's disease. Alzheimer's and Dementia, 2018, 14, 913-924.	0.8	58
101	Medial temporal lobe activation during episodic encoding and retrieval: A PET study. , 1999, 9, 575-581.		55
102	Optimal image sampling schedule: a new effective way to reduce dynamic image storage space and functional image processing time. IEEE Transactions on Medical Imaging, 1996, 15, 710-719.	8.9	54
103	A Sparse Structure Learning Algorithm for Gaussian Bayesian Network Identification from High-Dimensional Data. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 1328-1342.	13.9	54
104	The positive impacts of early-life education on cognition, leisure activity, and brain structure in healthy aging. Aging, 2019, 11, 4923-4942.	3.1	54
105	Cortical sources of resting state EEG rhythms are related to brain hypometabolism in subjects with Alzheimer's disease: an EEG-PET study. Neurobiology of Aging, 2016, 48, 122-134.	3.1	53
106	Are We Addicted to Food?. Obesity, 2003, 11, 493-495.	4.0	52
107	A Preliminary Fluorodeoxyglucose Positron Emission Tomography Study in Healthy Adults Reporting Dream-Enactment Behavior. Sleep, 2006, 29, 927-933.	1.1	51
108	Positron Emission Tomography and Neuropathologic Estimates of Fibrillar Amyloid-Î² in a Patient With Down Syndrome and Alzheimer Disease. Archives of Neurology, 2011, 68, 1461.	4.5	51

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109	Diagnostic accuracy of markers for prodromal Alzheimer's disease in independent clinical series. Alzheimer's and Dementia, 2013, 9, 677-686.	0.8	51
110	A Statistical Parametric Mapping Toolbox Used for Voxel-Wise Analysis of FDG-PET Images of Rat Brain. PLoS ONE, 2014, 9, e108295.	2.5	51
111	Large-scale directional connections among multi resting-state neural networks in human brain: A functional MRI and Bayesian network modeling study. NeuroImage, 2011, 56, 1035-1042.	4.2	49
112	Generalized linear least squares method for fast generation of myocardial blood flow parametric images with N-13 ammonia PET. IEEE Transactions on Medical Imaging, 1998, 17, 236-243.	8.9	48
113	Visceral adipose tissue is not increased in Pima Indians compared with equally obese Caucasians and is not related to insulin action or secretion. Diabetologia, 1999, 42, 28-34.	6.3	48
114	An automated algorithm for the computation of brain volume change from sequential MRIs using an iterative principal component analysis and its evaluation for the assessment of whole-brain atrophy rates in patients with probable Alzheimer's disease. NeuroImage, 2004, 22, 134-143.	4.2	48
115	Neuritic and Diffuse Plaque Associations with Memory in Non-Cognitively Impaired Elderly. Journal of Alzheimer's Disease, 2016, 53, 1641-1652.	2.6	48
116	Polymorphism of brain derived neurotrophic factor influences Î² amyloid load in cognitively intact apolipoprotein E Îµ4 carriers. NeuroImage: Clinical, 2013, 2, 512-520.	2.7	47
117	Whole brain atrophy rate predicts progression from MCI to Alzheimerâ€™s disease. Neurobiology of Aging, 2010, 31, 1601-1605.	3.1	45
118	Fat-free body mass but not fat mass is associated with reduced gray matter volume of cortical brain regions implicated in autonomic and homeostatic regulation. NeuroImage, 2013, 64, 712-721.	4.2	45
119	Quantitative Amyloid Imaging in Autosomal Dominant Alzheimerâ€™s Disease: Results from the DIAN Study Group. PLoS ONE, 2016, 11, e0152082.	2.5	45
120	Identification and validation of effective connectivity networks in functional magnetic resonance imaging using switching linear dynamic systems. NeuroImage, 2010, 52, 1027-1040.	4.2	43
121	Accelerated functional brain aging in pre-clinical familial Alzheimerâ€™s disease. Nature Communications, 2021, 12, 5346.	12.8	43
122	Memory, executive, and multidomain subtle cognitive impairment. Neurology, 2015, 85, 144-153.	1.1	42
123	Studying ventricular abnormalities in mild cognitive impairment with hyperbolic Ricci flow and tensor-based morphometry. NeuroImage, 2015, 104, 1-20.	4.2	42
124	Structural Brain Network Changes across the Adult Lifespan. Frontiers in Aging Neuroscience, 2017, 9, 275.	3.4	42
125	Effects of size and orientation change on hippocampal activation during episodic recognition. NeuroReport, 1997, 8, 3993-3998.	1.2	41
126	Pro-inflammatory cytokine network in peripheral inflammation response to cerebral ischemia. Neuroscience Letters, 2013, 548, 4-9.	2.1	41

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127	Machine Learning Approaches for the Neuroimaging Study of Alzheimer's Disease. Computer, 2011, 44, 99-101.	1.1	40
128	Multi-feature kernel discriminant dictionary learning for face recognition. Pattern Recognition, 2017, 66, 404-411.	8.1	40
129	Applying surface-based hippocampal morphometry to study APOE-E4 allele dose effects in cognitively unimpaired subjects. NeuroImage: Clinical, 2019, 22, 101744.	2.7	40
130	Tasting a liquid meal after a prolonged fast is associated with preferential activation of the left hemisphere. NeuroReport, 2002, 13, 1141-1145.	1.2	39
131	Cerebral asymmetry in children when reading Chinese characters. Cognitive Brain Research, 2005, 24, 206-214.	3.0	39
132	Overfeeding Over 24 Hours Does Not Activate Brown Adipose Tissue in Humans. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1956-E1960.	3.6	39
133	Alterations of Directional Connectivity among Resting-State Networks in Alzheimer Disease. American Journal of Neuroradiology, 2013, 34, 340-345.	2.4	39
134	A Triple Network Connectivity Study of Large-Scale Brain Systems in Cognitively Normal APOE4 Carriers. Frontiers in Aging Neuroscience, 2016, 8, 231.	3.4	39
135	Multimodal Classification of Mild Cognitive Impairment Based on Partial Least Squares. Journal of Alzheimer's Disease, 2016, 54, 359-371.	2.6	39
136	Disrupted White Matter Network and Cognitive Decline in Type 2 Diabetes Patients. Journal of Alzheimer's Disease, 2016, 53, 185-195.	2.6	39
137	Improving tissue segmentation of human brain MRI through preprocessing by the Gegenbauer reconstruction method. NeuroImage, 2003, 20, 489-502.	4.2	38
138	An input function estimation method for FDG-PET human brain studies. Nuclear Medicine and Biology, 2007, 34, 483-492.	0.6	38
139	The value of positron emission tomography and proliferation index in predicting progression in low-grade astrocytomas of childhood. Journal of Neuro-Oncology, 2009, 95, 239-245.	2.9	38
140	Multiple neural networks supporting a semantic task: An fMRI study using independent component analysis. NeuroImage, 2009, 45, 1347-1358.	4.2	38
141	Positron Emission Tomography in Children With Neurofibromatosis-1. Journal of Child Neurology, 1997, 12, 499-506.	1.4	37
142	Mining brain region connectivity for alzheimer's disease study via sparse inverse covariance estimation. , 2009, , .		37
143	Correlations between FDG PET glucose uptake-MRI gray matter volume scores and apolipoprotein E Îµ4 gene dose in cognitively normal adults: A cross-validation study using voxel-based multi-modal partial least squares. NeuroImage, 2012, 60, 2316-2322.	4.2	36
144	Network analysis of single-subject fMRI during a finger opposition task. NeuroImage, 2006, 32, 325-332.	4.2	35

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145	Association of White Matter Integrity and Cognitive Functions in Patients With Subcortical Silent Lacunar Infarcts. Stroke, 2015, 46, 1123-1126.	2.0	35
146	Effects of Image Resolution on Autoradiographic Measurements of Posterior Cingulate Activity in PDAPP Mice: Implications for Functional Brain Imaging Studies of Transgenic Mouse Models of Alzheimer's Disease. NeuroImage, 2002, 16, 1-6.	4.2	33
147	Brain development in Chinese children and adolescents: a structural MRI study. NeuroReport, 2007, 18, 875-880.	1.2	33
148	Higher CSF sTREM2 attenuates ApoE4-related risk for cognitive decline and neurodegeneration. Molecular Neurodegeneration, 2020, 15, 57.	10.8	33
149	An fMRI Study of the Neural Systems Involved in Visually Cued Auditory Top-Down Spatial and Temporal Attention. PLoS ONE, 2012, 7, e49948.	2.5	33
150	Different Patterns of White Matter Disruption among Amnestic Mild Cognitive Impairment Subtypes: Relationship with Neuropsychological Performance. Journal of Alzheimer's Disease, 2013, 36, 365-376.	2.6	32
151	Reanalysis of the Obesity-Related Attenuation in the Left Dorsolateral Prefrontal Cortex Response to a Satiating Meal Using Gyral Regions-of-Interest. Journal of the American College of Nutrition, 2009, 28, 667-673.	1.8	31
152	Cholesterol-related genetic risk scores are associated with hypometabolism in Alzheimer's-affected brain regions. NeuroImage, 2008, 40, 1214-1221.	4.2	30
153	Multi-modal discriminative dictionary learning for Alzheimer's disease and mild cognitive impairment. Computer Methods and Programs in Biomedicine, 2017, 150, 1-8.	4.7	30
154	Effects of Memantine on Clinical Ratings, Fluorodeoxyglucose Positron Emission Tomography Measurements, and Cerebrospinal Fluid Assays in Patients With Moderate to Severe Alzheimer Dementia. Journal of Clinical Psychopharmacology, 2013, 33, 636-642.	1.4	29
155	Peripheral apoE isoform levels in cognitively normal APOE Îµ3/Îµ4 individuals are associated with regional gray matter volume and cerebral glucose metabolism. Alzheimer's Research and Therapy, 2017, 9, 5.	6.2	29
156	Correlations Between Apolipoprotein E Îµ4 Gene Dose and Whole Brain Atrophy Rates. American Journal of Psychiatry, 2007, 164, 916.	7.2	29
157	Dynamic image data compression in spatial and temporal domains: theory and algorithm. IEEE Transactions on Information Technology in Biomedicine, 1997, 1, 219-228.	3.2	28
158	Early prevention of cognitive impairment in the community population: The Beijing Aging Brain Rejuvenation Initiative. Alzheimer's and Dementia, 2021, 17, 1610-1618.	0.8	28
159	Structural and Functional Brain Changes in the Default Mode Network in Subtypes of Amnestic Mild Cognitive Impairment. Journal of Geriatric Psychiatry and Neurology, 2014, 27, 188-198.	2.3	27
160	Tracking the decline in cerebral glucose metabolism in persons and laboratory animals at genetic risk for Alzheimer's disease. Clinical Neuroscience Research, 2001, 1, 194-206.	0.8	26
161	Mapping joint grey and white matter reductions in Alzheimer's disease using joint independent component analysis. Neuroscience Letters, 2012, 531, 136-141.	2.1	26
162	White Matter Microstructural Change Contributes to Worse Cognitive Function in Patients With Type 2 Diabetes. Diabetes, 2019, 68, 2085-2094.	0.6	26

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163	Striatal amyloid is associated with tauopathy and memory decline in familial Alzheimer's disease. Alzheimer's Research and Therapy, 2019, 11, 17.	6.2	26
164	A concise and persistent feature to study brain resting-state network dynamics: Findings from the Alzheimer's Disease Neuroimaging Initiative. Human Brain Mapping, 2019, 40, 1062-1081.	3.6	26
165	Applying sparse coding to surface multivariate tensor-based morphometry to predict future cognitive decline. , 2016, 2016, 646-650.		25
166	Brain effective connectivity modeling for alzheimer's disease by sparse gaussian bayesian network. , 2011, , 931-939.		24
167	Blood Pressure Control in Aging Predicts Cerebral Atrophy Related to Small-Vessel White Matter Lesions. Frontiers in Aging Neuroscience, 2017, 9, 132.	3.4	24
168	Effective Connectivity Modeling for fMRI: Six Issues and Possible Solutions Using Linear Dynamic Systems. Frontiers in Systems Neuroscience, 2011, 5, 104.	2.5	23
169	Subjective memory complaints in preclinical autosomal dominant Alzheimer disease. Neurology, 2017, 89, 1464-1470.	1.1	23
170	Cognitive composite score association with Alzheimer's disease plaque and tangle pathology. Alzheimer's Research and Therapy, 2018, 10, 90.	6.2	23
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345	P1–454: RELATIONSHIPS BETWEEN MEAN CORTICAL AMYLOID BURDEN AND REGIONAL GRAY MATTER REDUCTIONS IN ALZHEIMER'S DEMENTIA, MILD COGNITIVE IMPAIRMENT AND UNIMPAIRED OLDER ADULTS. Alzheimer's and Dementia, 2018, 14, P490.	0.8	0
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