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	A Computational Monte Carlo Simulation Strategy to Determine the Temporal Ordering of Abnormal Age Onset Among Biomarkers of Alzheimer's Disease. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 2613-2622.	3.0	4
2	Limitations of clinical trial sample size estimate by subtraction of two measurements. Statistics in Medicine, 2022, 41, 1137-1147.	1.6	2
3	Brain structural and functional anomalies associated with simultanagnosia in patients with posterior cortical atrophy. Brain Imaging and Behavior, 2022, 16, 1148-1162.	2.1	9
4	Studying APOE É›4 Allele Dose Effects withÂa Univariate Morphometry Biomarker. Journal of Alzheimer's Disease, 2022, 85, 1233-1250.	2.6	1
5	Sex differences in cognitive resilience in preclinical autosomalâ€dominant Alzheimer's disease carriers and nonâ€carriers: Baseline findings from the API ADAD Colombia Trial. Alzheimer's and Dementia, 2022, 18, 2272-2282.	0.8	10
6	Deep residual inception encoderâ€decoder network for amyloid PET harmonization. Alzheimer's and Dementia, 2022, 18, 2448-2457.	0.8	10
7	Hemispheric Asymmetry and Atypical Lobar Progression of Alzheimer-Type Tauopathy. Journal of Neuropathology and Experimental Neurology, 2022, 81, 158-171.	1.7	2
8	Reconfigured metabolism brain network in asymptomatic microtubule-associated protein tau mutation carriers: a graph theoretical analysis. Alzheimer's Research and Therapy, 2022, 14, 52.	6.2	6
9	Investigating the Effect of Tau Deposition and Apoe on Hippocampal Morphometry in Alzheimerâ€™s Disease: A Federated Chow Test Model. , 2022, , .		1
10	Glucose metabolism patterns: A potential index to characterize brain ageing and predict high conversion risk into cognitive impairment. GeroScience, 2022, 44, 2319-2336.	4.6	8
11	White matter hyperintensities are a prominent feature of autosomalÂdominant Alzheimerâ€™s disease that emerge prior to dementia. Alzheimer's Research and Therapy, 2022, 14, .	6.2	12
12	A novel transfer learning model for predictive analytics using incomplete multimodality data. IISE Transactions, 2021, 53, 1010-1022.	2.4	5
13	Developing univariate neurodegeneration biomarkers with low-rank and sparse subspace decomposition. Medical Image Analysis, 2021, 67, 101877.	11.6	10
14	Relationship between the disrupted topological efficiency of the structural brain connectome and glucose hypometabolism in normal aging. NeuroImage, 2021, 226, 117591.	4.2	15
15	PET evidence of preclinical cerebellar amyloid plaque deposition in autosomal dominant Alzheimerâ€™s disease-causing Presenilin-1 E280A mutation carriers. NeuroImage: Clinical, 2021, 31, 102749.	2.7	8
16	Cortical thickness across the lifespan in a Colombian cohort with autosomalâ€dominant Alzheimer's disease: A crossâ€sectional study. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12233.	2.4	2
17	A 36-week multicenter, randomized, double-blind, placebo-controlled, parallel-group, phase 3 clinical trial of sodium oligomannate for mild-to-moderate Alzheimerâ€™s dementia. Alzheimer's Research and Therapy, 2021, 13, 62.	6.2	99
18	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

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19	Improved Prediction of Imminent Progression to Clinically Significant Memory Decline Using Surface Multivariate Morphometry Statistics and Sparse Coding. Journal of Alzheimer's Disease, 2021, 81, 209-220.	2.6	6
20	Predicting future cognitive decline with hyperbolic stochastic coding. Medical Image Analysis, 2021, 70, 102009.	11.6	2
21	Plasma Apolipoprotein E3 and Glucose Levels Are Associated in APOE É›3/É›4 Carriers. Journal of Alzheimer's Disease, 2021, 81, 339-354.	2.6	13
22	Disrupted anterior and posterior hippocampal structural networks correlate impaired verbal memory and spatial memory in different subtypes of mild cognitive impairment. European Journal of Neurology, 2021, 28, 3955-3964.	3.3	5
23	Community-based Model for Dementia Risk Screening: The Beijing Aging Brain Rejuvenation Initiative (BABRI) Brain Health System. Journal of the American Medical Directors Association, 2021, 22, 1500-1506.e3.	2.5	7
24	Predicting Brain Amyloid Using Multivariate Morphometry Statistics, Sparse Coding, and Correntropy: Validation in 1,101 Individuals From the ADNI and OASIS Databases. Frontiers in Neuroscience, 2021, 15, 669595.	2.8	15
25	Accelerated Brain Aging in Amnestic Mild Cognitive Impairment: Relationships with Individual Cognitive Decline, Risk Factors for Alzheimer Disease, and Clinical Progression. Radiology: Artificial Intelligence, 2021, 3, e200171.	5.8	8
26	Accelerated functional brain aging in pre-clinical familial Alzheimer's disease. Nature Communications, 2021, 12, 5346.	12.8	43
27	Positron emission tomography imaging of serotonin degeneration and beta-amyloid deposition in late-life depression evaluated with multi-modal partial least squares. Translational Psychiatry, 2021, 11, 473.	4.8	18
28	Federated Morphometry Feature Selection for Hippocampal Morphometry Associated Beta-Amyloid and Tau Pathology. Frontiers in Neuroscience, 2021, 15, 762458.	2.8	5
29	Improved comparability between measurements of mean cortical amyloid plaque burden derived from different PET tracers using multiple regions‐of‐interest and machine learning. Alzheimer's and Dementia, 2021, 17, .	0.8	0
30	Predicting Tau accumulation in cerebral cortex with multivariate MRI morphometry measurements, sparse coding, and correntropy. , 2021, 12088, .		1
31	Brain imaging measurements of fibrillar amyloid‐Î² burden, paired helical filament tau burden, and atrophy in cognitively unimpaired persons with two, one, and no copies of the <i>APOE Îµ4</i> allele. Alzheimer's and Dementia, 2020, 16, 598-609.	0.8	23
32	Age-Related Regional Network Covariance of Magnetic Resonance Imaging Gray Matter in the Rat. Frontiers in Aging Neuroscience, 2020, 12, 267.	3.4	18
33	Longitudinal white matter and cognitive development in pediatric carriers of the apolipoprotein Îµ4 allele. NeuroImage, 2020, 222, 117243.	4.2	14
34	Higher CSF sTREM2 attenuates ApoE4-related risk for cognitive decline and neurodegeneration. Molecular Neurodegeneration, 2020, 15, 57.	10.8	33
35	Interaction Between BDNF Val66Met and APOE4 on Biomarkers of Alzheimer's Disease and Cognitive Decline. Journal of Alzheimer's Disease, 2020, 78, 721-734.	2.6	11
36	Applying surface-based morphometry to study ventricular abnormalities of cognitively unimpaired subjects prior to clinically significant memory decline. NeuroImage: Clinical, 2020, 27, 102338.	2.7	18

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37	Noninvasive Input Function Acquisition and Simultaneous Estimations With Physiological Parameters for PET Quantification: A Brief Review. IEEE Transactions on Radiation and Plasma Medical Sciences, 2020, 4, 676-683.	3.7	10
38	Baseline demographic, clinical, and cognitive characteristics of the Alzheimer's Prevention Initiative (API) Autosomal€Dominant Alzheimer's Disease Colombia Trial. Alzheimer's and Dementia, 2020, 16, 1023-1030.	0.8	15
39	Braak Stage, Cerebral Amyloid Angiopathy, and Cognitive Decline in Early Alzheimer's Disease. Journal of Alzheimer's Disease, 2020, 74, 189-197.	2.6	18
40	Computing Univariate Neurodegenerative Biomarkers with Volumetric Optimal Transportation: A Pilot Study. Neuroinformatics, 2020, 18, 531-548.	2.8	3
41	Age-Related Decline in the Topological Efficiency of the Brain Structural Connectome and Cognitive Aging. Cerebral Cortex, 2020, 30, 4651-4661.	2.9	22
42	APOE ε4 allele accelerates age-related multi-cognitive decline and white matter damage in non-demented elderly. Aging, 2020, 12, 12019-12031.	3.1	5
43	Female-specific effects of the catechol-O-methyl transferase Val158Met gene polymorphism on working memory-related brain function. Aging, 2020, 12, 23900-23916.	3.1	0
44	Visualizing Alzheimer's disease progression in low dimensional manifolds. Heliyon, 2019, 5, e02216.	3.2	6
45	Effect of AZD0530 on Cerebral Metabolic Decline in Alzheimer Disease. JAMA Neurology, 2019, 76, 1219.	9.0	107
46	Changes in the Functional and Structural Default Mode Network Across the Adult Lifespan Based on Partial Least Squares. IEEE Access, 2019, 7, 82256-82265.	4.2	6
47	White Matter Microstructural Change Contributes to Worse Cognitive Function in Patients With Type 2 Diabetes. Diabetes, 2019, 68, 2085-2094.	0.6	26
48	Applying surface-based hippocampal morphometry to study APOE-E4 allele dose effects in cognitively unimpaired subjects. NeuroImage: Clinical, 2019, 22, 101744.	2.7	40
49	Tau Positron-Emission Tomography in Former National Football League Players. New England Journal of Medicine, 2019, 380, 1716-1725.	27.0	165
50	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
51	Cerebral Amyloid Angiopathy and Neuritic Plaque Pathology Correlate with Cognitive Decline in Elderly Non-Demented Individuals. Journal of Alzheimer's Disease, 2019, 67, 411-422.	2.6	8
52	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
53	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
54	Aberrant Connectivity in Mild Cognitive Impairment and Alzheimer Disease Revealed by Multimodal Neuroimaging Data. Neurodegenerative Diseases, 2018, 18, 5-18.	1.4	11

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55	Association Between Amyloid and Tau Accumulation in Young Adults With Autosomal Dominant Alzheimer Disease. JAMA Neurology, 2018, 75, 548.	9.0	137
56	*APOE* influences working memory in non‐demented elderly through an interaction with *SPON1* rs2618516. Human Brain Mapping, 2018, 39, 2859-2867.	3.6	11
57	Prevalence of the apolipoprotein E ε4 allele in amyloid β positive subjects across the spectrum of Alzheimer's disease. Alzheimer's and Dementia, 2018, 14, 913-924.	0.8	58
58	Longitudinal Changes in Serum Glucose Levels are Associated with Metabolic Changes in Alzheimer's Disease Related Brain Regions. Journal of Alzheimer's Disease, 2018, 62, 833-840.	2.6	7
59	The Alzheimer's Prevention Initiative Autosomal‐Dominant Alzheimer's Disease Trial: A study of crenezumab versus placebo in preclinical *PSEN1* 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
60	The Interactive Effects of Age and PICALM rs541458 Polymorphism on Cognitive Performance, Brain Structure, and Function in Non-demented Elderly. Molecular Neurobiology, 2018, 55, 1271-1283.	4.0	10
61	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
62	IC‐P‐003: 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, P15.	0.8	0
63	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
64	Hippocampus morphometry study on pathology-confirmed Alzheimer's disease patients with surface multivariate morphometry statistics. , 2018, 2018, 1555-1559.		17
65	Cognitive composite score association with Alzheimer's disease plaque and tangle pathology. Alzheimer's Research and Therapy, 2018, 10, 90.	6.2	23
66	Predicting Imminent Progression to Clinically Significant Memory Decline Using Volumetric MRI and FDG PET. Journal of Alzheimer's Disease, 2018, 63, 603-615.	2.6	12
67	Left lateralized cerebral glucose metabolism declines in amyloid-β positive persons with mild cognitive impairment. NeuroImage: Clinical, 2018, 20, 286-296.	2.7	64
68	Combinations of Multiple Neuroimaging Markers using Logistic Regression for Auxiliary Diagnosis of Alzheimer Disease and Mild Cognitive Impairment. Neurodegenerative Diseases, 2018, 18, 91-106.	1.4	3
69	Beijing Aging Brain Rejuvenation Initiative: aging with grace. Scientia Sinica Vitae, 2018, 48, 721-734.	0.3	10
70	ADMultiImg: a novel missing modality transfer learning based CAD system for diagnosis of MCI due to AD using incomplete multi-modality imaging data. , 2018, , .		0
71	Peripheral apoE isoform levels in cognitively normal APOE ε3/ε4 individuals are associated with regional gray matter volume and cerebral glucose metabolism. Alzheimer's Research and Therapy, 2017, 9, 5.	6.2	29
72	Design of a short nonuniform acquisition protocol for quantitative analysis in dynamic cardiac SPECT imaging - a retrospective ^{123}I-MIBG animal study. Medical Physics, 2017, 44, 3639-3649.	3.0	1

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73	Multi-feature kernel discriminant dictionary learning for face recognition. Pattern Recognition, 2017, 66, 404-411.	8.1	40
74	Added value and limitations of amyloid-PET imaging: review and analysis of selected cases of mild cognitive impairment and dementia. Neurocase, 2017, 23, 41-51.	0.6	10
75	Statistical considerations for assessing cognition and neuropathology associations in preclinical Alzheimer's disease. Biostatistics and Epidemiology, 2017, 1, 92-104.	0.4	4
76	Subjective memory complaints in preclinical autosomal dominant Alzheimer disease. Neurology, 2017, 89, 1464-1470.	1.1	23
77	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
78	[P4â€"247]: LEFT LATERALIZED CEREBRAL GLUCOSE METABOLISM DECLINES IN AMYLOIDâ€Î²â€POSITIVE SUBJECTS WITH MILD COGNITIVE IMPAIRMENT. Alzheimer's and Dementia, 2017, 13, P1372.	0.8	0
79	[ICâ€Pâ€210]: LEFT LATERALIZED CEREBRAL GLUCOSE METABOLISM DECLINES IN AMYLOIDâ€Î²â€ POSITIVE SUBJECTS WITH MILD COGNITIVE IMPAIRMENT. Alzheimer's and Dementia, 2017, 13, P152.	0.8	0
80	Impact statement: Sequential biomarker testing for Alzheimer's disease early diagnosis. IISE Transactions on Healthcare Systems Engineering, 2017, 7, 247-247.	1.7	0
81	An 8-week open label trial of l-Threonic Acid Magnesium Salt in patients with mild to moderate dementia. Personalized Medicine in Psychiatry, 2017, 4-6, 7-12.	0.1	4
82	Disrupted Brain Structural Connectivity: Pathological Interactions Between Genetic APOE Îµ4 Status and Developed MCI Condition. Molecular Neurobiology, 2017, 54, 6999-7007.	4.0	18
83	<i><scp>SORL</scp>1</i> rs1699102 polymorphism modulates ageâ€related cognitive decline and gray matter volume reduction in nonâ€demented individuals. European Journal of Neurology, 2017, 24, 187-194.	3.3	11
84	Precuneus degeneration in nondemented elderly individuals with <i>APOE</i> É›4: Evidence from structural and functional MRI analyses. Human Brain Mapping, 2017, 38, 271-282.	3.6	18
85	Inflection Point in Course of Mild Cognitive Impairment: Increased Functional Connectivity of Default Mode Network. Journal of Alzheimer's Disease, 2017, 60, 679-690.	2.6	15
86	[P3â€"032]: SSRI USE ASSOCIATED WITH REDUCED AMYLOID BURDEN IN PERSONS WITH COMBATâ€RELATED PTSD: PRELIMINARY FINDINGS FROM ADNIâ€DOD. Alzheimer's and Dementia, 2017, 13, P942.	0.8	0
87	[ICâ€Pâ€209]: CAVEATS WHEN SUBTRACTING TWO SERIAL MEASUREMENTS TO ESTIMATE THE NUMBER OF PARTICIPANTS NEEDED FOR CLINICAL TRIALS THAT ARE LONGER OR SHORTER THAN THE OBSERVED MEASUREMENT INTERVAL. Alzheimer's and Dementia, 2017, 13, P151.	0.8	0
88	[ICâ€Pâ€211]: A COMPUTATIONAL MONTE CARLO SIMULATION STRATEGY TO COMPARE THE ONSET OF DIFFERENT BIOMARKER AND COGNITIVE CHANGES. Alzheimer's and Dementia, 2017, 13, P152.	0.8	0
89	[P1â€"260]: A COMPUTATIONAL MONTEâ€CARLO SIMULATION STRATEGY TO COMPARE THE ONSET OF DIFFERENT BIOMARKER AND COGNITIVE CHANGES. Alzheimer's and Dementia, 2017, 13, P349.	0.8	0
90	[P1â€"261]: TRACKING ALZHEIMER's DISEASE PROGRESSION BY NONâ€LINEAR DIMENSION REDUCTION OF BRAIN MRI FEATURES. Alzheimer's and Dementia, 2017, 13, P349.	0.8	0

#	Article	IF	Citations
91	[P2â€"333]: CAVEATS WHEN SUBTRACTING TWO SERIAL MEASUREMENTS TO ESTIMATE THE NUMBER OF PARTICIPANTS NEEDED FOR CLINICAL TRIALS THAT ARE LONGER OR SHORTER THAN THE OBSERVED MEASUREMENT INTERVAL. Alzheimer's and Dementia, 2017, 13, P748.	0.8	0
92	Diagnosis on Mild Cognitive Impairment Patients for Alzheimer Disease with Missing Data. , 2017, , .		0
93	An Optimal Transportation Based Univariate Neuroimaging Index. , 2017, , .		1
94	Multistage Grading of Amnestic Mild Cognitive Impairment: The Associated Brain Gray Matter Volume and Cognitive Behavior Characterization. Frontiers in Aging Neuroscience, 2017, 8, 332.	3.4	4
95	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
96	Structural Brain Network Changes across the Adult Lifespan. Frontiers in Aging Neuroscience, 2017, 9, 275.	3.4	42
97	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
98	Static and Dynamic Cognitive Reserve Proxy Measures: Interactions with Alzheimerâ€™s Disease Neuropathology and Cognition. , 2017, 07, .		13
99	Classification of Alzheimer's Disease, Mild Cognitive Impairment, and Cognitively Unimpaired Individuals Using Multi-feature Kernel Discriminant Dictionary Learning. Frontiers in Computational Neuroscience, 2017, 11, 117.	2.1	22
100	An Optimal Transportation based Univariate Neuroimaging Index. Proceedings of the IEEE International Conference on Computer Vision, 2017, 2017, 182-191.	0.0	2
101	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
102	Quantitative Amyloid Imaging in Autosomal Dominant Alzheimerâ€™s Disease: Results from the DIAN Study Group. PLoS ONE, 2016, 11, e0152082.	2.5	45
103	Is in vivo amyloid distribution asymmetric in primary progressive aphasia?. Annals of Neurology, 2016, 79, 496-501.	5.3	17
104	The Effects of an APOE Promoter Polymorphism on Human White Matter Connectivity during Non-Demented Aging. Journal of Alzheimer's Disease, 2016, 55, 77-87.	2.6	12
105	Multimodal Classification of Mild Cognitive Impairment Based on Partial Least Squares. Journal of Alzheimer's Disease, 2016, 54, 359-371.	2.6	39
106	Prediction of Progressive Mild Cognitive Impairment by Multi-Modal Neuroimaging Biomarkers. Journal of Alzheimer's Disease, 2016, 51, 1045-1056.	2.6	62
107	Morphometric analysis of hippocampus and lateral ventricle reveals regional difference between cognitively stable and declining persons. , 2016, 2016, 14-18.		5
108	P3â€"285: Patchâ€"Based Sparse Coding and Multivariate Surface Morphometry for Predicting Amnestic Mild Cognitive Impairment and Alzheimerâ€™S Disease in Cognitively Unimpaired Individuals. Alzheimer's and Dementia, 2016, 12, P947.	0.8	3

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109	A Two-Year Treatment of Amnestic Mild Cognitive Impairment using a Compound Chinese Medicine: A Placebo Controlled Randomized Trial. Scientific Reports, 2016, 6, 28982.	3.3	18
110	P1-292: Lower Frontal Amyloid Burden in Antidepressant Users: Preliminary Findings From Persons With and Without Post-Traumatic Stress Disorder in The ADNI DOD Study. , 2016, 12, P532-P533.		0
111	P2â€243: Higher BMI is Associated with Greater Cerebral Glucose Metabolism in Late Middleâ€Aged and Elderly Subjects Regardless of *APOE* Îµ4 Genotype. Alzheimer's and Dementia, 2016, 12, P717.	0.8	0
112	Supervised within-class-similar discriminative dictionary learning for face recognition. Journal of Visual Communication and Image Representation, 2016, 38, 561-572.	2.8	13
113	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
114	A CAD Tribute to Gerald Farin. CAD Computer Aided Design, 2016, 80, 1-5.	2.7	0
115	Applying sparse coding to surface multivariate tensor-based morphometry to predict future cognitive decline. , 2016, 2016, 646-650.		25
116	Disrupted White Matter Network and Cognitive Decline in Type 2 Diabetes Patients. Journal of Alzheimer's Disease, 2016, 53, 185-195.	2.6	39
117	Hyperbolic Space Sparse Coding with Its Application on Prediction of Alzheimerâ€™s Disease in Mild Cognitive Impairment. Lecture Notes in Computer Science, 2016, 9900, 326-334.	1.3	17
118	Neuritic and Diffuse Plaque Associations with Memory in Non-Cognitively Impaired Elderly. Journal of Alzheimer's Disease, 2016, 53, 1641-1652.	2.6	48
119	Gender Differences in Alzheimer Disease: Brain Atrophy, Histopathology Burden, and Cognition. Journal of Neuropathology and Experimental Neurology, 2016, 75, 748-754.	1.7	82
120	Disrupted white matter structure underlies cognitive deficit in hypertensive patients. European Radiology, 2016, 26, 2899-2907.	4.5	20
121	P3-169: Reduced default network functional connectivity and verbal learning in cognitively unimpaired late middle-aged and older adults: Exploratory findings from the arizona ApoE cohort study. , 2015, 11, P694-P694.		0
122	Effects of *APOE* promoter polymorphism on the topological organization of brain structural connectome in nondemented elderly. Human Brain Mapping, 2015, 36, 4847-4858.	3.6	21
123	A potential role for the midbrain in integrating fatâ€free mass determined energy needs: An $H_2^{15}O$ PET study. Human Brain Mapping, 2015, 36, 2406-2415.	3.6	19
124	Meet Our Editor:. Neuroscience and Biomedical Engineering, 2015, 3, 1-1.	0.4	0
125	Dynamic FDG-PET Imaging to Differentiate Malignancies from Inflammation in Subcutaneous and In Situ Mouse Model for Non-Small Cell Lung Carcinoma (NSCLC). PLoS ONE, 2015, 10, e0139089.	2.5	22
126	Longitudinal Evaluation of Sympathetic Nervous System and Perfusion in Normal and Spontaneously Hypertensive Rat Hearts with Dynamic Single-Photon Emission Computed Tomography. Molecular Imaging, 2015, 14, 7290.2015.00012.	1.4	3

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127	Improved Power for Characterizing Longitudinal Amyloid-β 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
128	Disrupted Functional and Structural Networks in Cognitively Normal Elderly Subjects with the APOE É›4 Allele. Neuropsychopharmacology, 2015, 40, 1181-1191.	5.4	60
129	Structural covariance networks across healthy young adults and their consistency. Journal of Magnetic Resonance Imaging, 2015, 42, 261-268.	3.4	15
130	The Alzheimer's Disease Neuroimaging Initiative 2 PET Core: 2015. Alzheimer's and Dementia, 2015, 11, 757-771.	0.8	199
131	Memory, executive, and multidomain subtle cognitive impairment. Neurology, 2015, 85, 144-153.	1.1	42
132	Brain Imaging and Blood Biomarker Abnormalities in Children With Autosomal Dominant Alzheimer Disease. JAMA Neurology, 2015, 72, 912.	9.0	94
133	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
134	Sensitivity to change and prediction of global change for the Alzheimer's Questionnaire. Alzheimer's Research and Therapy, 2015, 7, 1.	6.2	67
135	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
136	Aberrant White Matter Networks Mediate Cognitive Impairment in Patients with Silent Lacunar Infarcts in Basal Ganglia Territory. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1426-1434.	4.3	18
137	Associations Between Biomarkers and Age in the Presenilin 1 E280A Autosomal Dominant Alzheimer Disease Kindred. JAMA Neurology, 2015, 72, 316.	9.0	145
138	Association of White Matter Integrity and Cognitive Functions in Patients With Subcortical Silent Lacunar Infarcts. Stroke, 2015, 46, 1123-1126.	2.0	35
139	Measurement of Longitudinal β-Amyloid Change with ^{18}F-Florbetapir PET and Standardized Uptake Value Ratios. Journal of Nuclear Medicine, 2015, 56, 567-574.	5.0	273
140	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
141	Studying ventricular abnormalities in mild cognitive impairment with hyperbolic Ricci flow and tensor-based morphometry. NeuroImage, 2015, 104, 1-20.	4.2	42
142	Alzheimer Disease Biomarkers as Outcome Measures for Clinical Trials in MCI. Alzheimer Disease and Associated Disorders, 2015, 29, 101-109.	1.3	14
143	Independent Component Analysis-Based Identification of Covariance Patterns of Microstructural White Matter Damage in Alzheimer's Disease. PLoS ONE, 2015, 10, e0119714.	2.5	15
144	The Alzheimer's Prevention Initiative Composite Cognitive Test Score. Journal of Clinical Psychiatry, 2014, 75, 652-660.	2.2	75

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145	Aging Influence on Gray Matter Structural Associations within the Default Mode Network Utilizing Bayesian Network Modeling. Frontiers in Aging Neuroscience, 2014, 6, 105.	3.4	6
146	Characterizing structural association alterations within brain networks in normal aging using Gaussian Bayesian networks. Frontiers in Computational Neuroscience, 2014, 8, 122.	2.1	5
147	A pooling-LiNGAM algorithm for effective connectivity analysis of fMRI data. Frontiers in Computational Neuroscience, 2014, 8, 125.	2.1	15
148	Biomarker Research of Preclinical Alzheimerâ€™s Disease and MCI Based on Neuroimage Techniques. Neuroscience and Biomedical Engineering, 2014, 1, 92-101.	0.4	0
149	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
150	Neuronal injury biomarkers and prognosis in ADNI subjects with normal cognition. Acta Neuropathologica Communications, 2014, 2, 26.	5.2	77
151	Regional covariance patterns of gray matter alterations in Alzheimer's disease and its replicability evaluation. Journal of Magnetic Resonance Imaging, 2014, 39, 143-149.	3.4	9
152	Brain Differences in Infants at Differential Genetic Risk for Late-Onset Alzheimer Disease. JAMA Neurology, 2014, 71, 11.	9.0	221
153	Fibrillar amyloid correlates of preclinical cognitive decline. , 2014, 10, e1-e8.		15
154	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
155	Subjective cognitive decline: Self and informant comparisons. Alzheimer's and Dementia, 2014, 10, 93-98.	0.8	111
156	Independent component analysis of DTI data reveals white matter covariances in Alzheimer's disease. , 2014, , .		1
157	P4-298: IMPROVING THE POWER TO TRACK FIBRILLAR AMYLOID PET MEASUREMENTS AND EVALUATE AMYLOID-MODIFYING TREATMENTS USING A CEREBRAL WHITE MATTER REFERENCE REGION-OF-INTEREST. , 2014, 10, P894-P894.		0
158	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
159	A rat brain MRI template with digital stereotaxic atlas of fine anatomical delineations in paxinos space and its automated application in voxelâ€wise analysis. Human Brain Mapping, 2013, 34, 1306-1318.	3.6	105
160	Ushering in the study and treatment of preclinical Alzheimer disease. Nature Reviews Neurology, 2013, 9, 371-381.	10.1	125
161	Genetic Susceptibility for Alzheimer Disease Neuritic Plaque Pathology. JAMA Neurology, 2013, 70, 1150.	9.0	143
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