Stefan J Teipel

List of Publications by Year in descending order

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349 13,870 65 106
papers citations h-index g-index

394 394 394 15417

times ranked

citing authors

docs citations

all docs

#	Article	IF	CITATIONS
1	Biomarkers for Alzheimer's disease: academic, industry and regulatory perspectives. Nature Reviews Drug Discovery, 2010, 9, 560-574.	46.4	560
2	Strategic roadmap for an early diagnosis of Alzheimer's disease based on biomarkers. Lancet Neurology, The, 2017, 16, 661-676.	10.2	464
3	Focal Decline of Cortical Thickness in Alzheimer's Disease Identified by Computational Neuroanatomy. Cerebral Cortex, 2005, 15, 995-1001.	2.9	390
4	In vivo staging of regional amyloid deposition. Neurology, 2017, 89, 2031-2038.	1.1	321
5	Automated detection of brain atrophy patterns based on MRI for the prediction of Alzheimer's disease. Neurolmage, 2010, 50, 162-174.	4.2	287
6	Differential Diagnosis of Alzheimer Disease With Cerebrospinal Fluid Levels of Tau Protein Phosphorylated at Threonine 231. Archives of Neurology, 2002, 59, 1267.	4. 5	256
7	Atrophy of the Cholinergic Basal Forebrain Over the Adult Age Range and in Early Stages of Alzheimer's Disease. Biological Psychiatry, 2012, 71, 805-813.	1.3	254
8	Automated cortical thickness measurements from MRI can accurately separate Alzheimer's patients from normal elderly controls. Neurobiology of Aging, 2008, 29, 23-30.	3.1	242
9	Multimodal imaging in Alzheimer's disease: validity and usefulness for early detection. Lancet Neurology, The, 2015, 14, 1037-1053.	10.2	233
10	Measurement of basal forebrain atrophy in Alzheimer's disease using MRI. Brain, 2005, 128, 2626-2644.	7.6	213
11	White Matter Damage in Alzheimer Disease and Mild Cognitive Impairment: Assessment with Diffusion-Tensor MR Imaging and Parallel Imaging Techniques. Radiology, 2007, 243, 483-492.	7.3	197
12	Levels of \hat{l}^2 -Secretase (BACE1) in Cerebrospinal Fluid as a Predictor of Risk in Mild Cognitive Impairment. Archives of General Psychiatry, 2007, 64, 718.	12.3	196
13	The future of Alzheimer's disease: The next 10 years. Progress in Neurobiology, 2011, 95, 718-728.	5.7	190
14	Multivariate deformation-based analysis of brain atrophy to predict Alzheimer's disease in mild cognitive impairment. Neurolmage, 2007, 38, 13-24.	4.2	185
15	White matter microstructure underlying default mode network connectivity in the human brain. Neurolmage, 2010, 49, 2021-2032.	4.2	185
16	Reduction of Basal Forebrain Cholinergic System Parallels Cognitive Impairment in Patients at High Risk of Developing Alzheimer's Disease. Cerebral Cortex, 2010, 20, 1685-1695.	2.9	183
17	Corpus Callosum Atrophy Is a Possible Indicator of Region– and Cell Type–Specific Neuronal Degeneration in Alzheimer Disease. Archives of Neurology, 1998, 55, 193.	4.5	178
18	Test–retest reproducibility of the defaultâ€mode network in healthy individuals. Human Brain Mapping, 2010, 31, 237-246.	3.6	174

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19	Subregional Basal Forebrain Atrophy in Alzheimer's Disease: A Multicenter Study. Journal of Alzheimer's Disease, 2014, 40, 687-700.	2.6	173
20	Longitudinal measures of cholinergic forebrain atrophy in the transition from healthy aging to Alzheimer's disease. Neurobiology of Aging, 2013, 34, 1210-1220.	3.1	169
21	Progression of Corpus Callosum Atrophy in Alzheimer Disease. Archives of Neurology, 2002, 59, 243.	4.5	167
22	Multivariate network analysis of fiber tract integrity in Alzheimer's disease. Neurolmage, 2007, 34, 985-995.	4.2	162
23	The EADCâ€ADNI Harmonized Protocol for manual hippocampal segmentation on magnetic resonance: Evidence of validity. Alzheimer's and Dementia, 2015, 11, 111-125.	0.8	162
24	Longitudinal Changes in Fiber Tract Integrity in Healthy Aging and Mild Cognitive Impairment: A DTI Follow-Up Study. Journal of Alzheimer's Disease, 2010, 22, 507-522.	2.6	157
25	Multimodal analysis of functional and structural disconnection in <scp>A</scp> zheimer's disease using multiple kernel <scp>SVM</scp> . Human Brain Mapping, 2015, 36, 2118-2131.	3.6	156
26	The role of <i>TREM2</i> R47H as a risk factor for Alzheimer's disease, frontotemporal lobar degeneration, amyotrophic lateral sclerosis, and Parkinson's disease. Alzheimer's and Dementia, 2015, 11, 1407-1416.	0.8	152
27	Relevance of Magnetic Resonance Imaging for Early Detection and Diagnosis of Alzheimer Disease. Medical Clinics of North America, 2013, 97, 399-424.	2.5	151
28	What electrophysiology tells us about Alzheimer's disease: a window into the synchronization and connectivity of brain neurons. Neurobiology of Aging, 2020, 85, 58-73.	3.1	150
29	The cholinergic system in mild cognitive impairment and Alzheimer's disease: An in vivo MRI and DTI study. Human Brain Mapping, 2011, 32, 1349-1362.	3.6	136
30	Ageâ€related cortical grey matter reductions in nonâ€demented Down's syndrome adults determined by MRI with voxelâ€based morphometry. Brain, 2004, 127, 811-824.	7.6	135
31	In vivo cholinergic basal forebrain atrophy predicts cognitive decline in de novo Parkinson's disease. Brain, 2018, 141, 165-176.	7.6	135
32	PETPVE12: an SPM toolbox for Partial Volume Effects correction in brain PET – Application to amyloid imaging with AV45-PET. NeuroImage, 2017, 147, 669-677.	4.2	134
33	Neuroanatomy of Down Syndrome in vivo: A Model of Preclinical Alzheimer's Disease. Behavior Genetics, 2006, 36, 405-415.	2.1	131
34	Design and first baseline data of the DZNE multicenter observational study on predementia Alzheimer's disease (DELCODE). Alzheimer's Research and Therapy, 2018, 10, 15.	6.2	131
35	Effects of a Newly Developed Cognitive Intervention in Amnestic Mild Cognitive Impairment and mild Alzheimer's disease: A Pilot Study. Journal of Alzheimer's Disease, 2011, 25, 679-694.	2.6	121
36	Spatial patterns of atrophy, hypometabolism, and amyloid deposition in Alzheimer's disease correspond to dissociable functional brain networks. Human Brain Mapping, 2016, 37, 35-53.	3.6	119

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37	Atrophy of the cholinergic basal forebrain in dementia with Lewy bodies and Alzheimer's disease dementia. Journal of Neurology, 2014, 261, 1939-1948.	3.6	113
38	Increased CSF-BACE 1 activity is associated with ApoE- $\hat{l}\mu$ 4 genotype in subjects with mild cognitive impairment and Alzheimer's disease. Brain, 2008, 131, 1252-1258.	7.6	109
39	Increased CSF APPs-α levels in patients with Alzheimer disease treated with acitretin. Neurology, 2014, 83, 1930-1935.	1.1	107
40	Comprehensive dissection of the medial temporal lobe in AD: measurement of hippocampus, amygdala, entorhinal, perirhinal and parahippocampal cortices using MRI. Journal of Neurology, 2006, 253, 794-800.	3.6	106
41	Perspective on future role of biological markers in clinical therapy trials of Alzheimer's disease: A long-range point of view beyond 2020. Biochemical Pharmacology, 2014, 88, 426-449.	4.4	105
42	Training labels for hippocampal segmentation based on the EADCâ€ADNI harmonized hippocampal protocol. Alzheimer's and Dementia, 2015, 11, 175-183.	0.8	105
43	Tracking of Alzheimer's disease progression with cerebrospinal fluid tau protein phosphorylated at threonine 231. Annals of Neurology, 2001, 49, 545-546.	5.3	99
44	Multicenter stability of diffusion tensor imaging measures: A European clinical and physical phantom study. Psychiatry Research - Neuroimaging, 2011, 194, 363-371.	1.8	98
45	Cholinergic basal forebrain atrophy predicts amyloid burden in Alzheimer's disease. Neurobiology of Aging, 2014, 35, 482-491.	3.1	94
46	Life- and person-centred help in Mecklenburg-Western Pomerania, Germany (DelpHi): study protocol for a randomised controlled trial. Trials, 2012, 13, 56.	1.6	92
47	Measuring Cortical Connectivity in Alzheimer's Disease as a Brain Neural Network Pathology: Toward Clinical Applications. Journal of the International Neuropsychological Society, 2016, 22, 138-163.	1.8	92
48	Alzheimer's disease biomarkerâ€guided diagnostic workflow using the added value of six combined cerebrospinal fluid candidates: Al² _{1–42} , totalâ€ŧau, phosphorylatedâ€ŧau, NFL, neurogranin, and YKLâ€40. Alzheimer's and Dementia, 2018, 14, 492-501.	0.8	91
49	Robust Automated Detection of Microstructural White Matter Degeneration in Alzheimer's Disease Using Machine Learning Classification of Multicenter DTI Data. PLoS ONE, 2013, 8, e64925.	2.5	89
50	Rates of Formal Diagnosis in People Screened Positive for Dementia in Primary Care: Results of the DelpHi-Trial. Journal of Alzheimer's Disease, 2014, 42, 451-458.	2.6	88
51	Altered Brain Activation During a Verbal Working Memory Task in Subjects with Amnestic Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2010, 21, 103-118.	2.6	86
52	Anatomical MRI and DTI in the Diagnosis of Alzheimer's Disease: A European Multicenter Study. Journal of Alzheimer's Disease, 2012, 31, \$33-\$47.	2.6	86
53	Regional networks underlying interhemispheric connectivity: An EEG and DTI study in healthy ageing and amnestic mild cognitive impairment. Human Brain Mapping, 2009, 30, 2098-2119.	3.6	85
54	White Matter Microstructure in Relation to Education in Aging and Alzheimer's Disease1. Journal of Alzheimer's Disease, 2009, 17, 571-583.	2.6	84

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55	Cognitive Correlates of Basal Forebrain Atrophy and Associated Cortical Hypometabolism in Mild Cognitive Impairment. Cerebral Cortex, 2016, 26, 2411-2426.	2.9	81
56	Information and communication technology solutions for outdoor navigation in dementia. Alzheimer's and Dementia, 2016, 12, 695-707.	0.8	80
57	Novel MRI techniques in the assessment of dementia. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 58-69.	6.4	79
58	Basal forebrain atrophy and cortical amyloid deposition in nondemented elderly subjects. Alzheimer's and Dementia, 2014, 10, S344-53.	0.8	79
59	Predicting Prodromal Alzheimer's Disease in Subjects with Mild Cognitive Impairment Using Machine Learning Classification of Multimodal Multicenter Diffusionâ€Tensor and Magnetic Resonance Imaging Data. Journal of Neuroimaging, 2015, 25, 738-747.	2.0	79
60	Reduced basal forebrain atrophy progression in a randomized Donepezil trial in prodromal Alzheimer's disease. Scientific Reports, 2017, 7, 11706.	3.3	79
61	Sex differences in functional and molecular neuroimaging biomarkers of Alzheimer's disease in cognitively normal older adults with subjective memory complaints. Alzheimer's and Dementia, 2018, 14, 1204-1215.	0.8	79
62	The relative importance of imaging markers for the prediction of Alzheimer's disease dementia in mild cognitive impairment â€" Beyond classical regression. NeuroImage: Clinical, 2015, 8, 583-593.	2.7	77
63	Recent Advances in Cholinergic Imaging and Cognitive Declineâ€"Revisiting the Cholinergic Hypothesis of Dementia. Current Geriatrics Reports, 2018, 7, 1-11.	1.1	75
64	Cortical thinning and its relation to cognition in amyotrophic lateral sclerosis. Neurobiology of Aging, 2014, 35, 240-246.	3.1	72
65	Fractional Anisotropy Changes in Alzheimer's Disease Depend on the Underlying Fiber Tract Architecture: A Multiparametric DTI Study using Joint Independent Component Analysis. Journal of Alzheimer's Disease, 2014, 41, 69-83.	2.6	71
66	Staging Alzheimer's disease progression with multimodality neuroimaging. Progress in Neurobiology, 2011, 95, 535-546.	5.7	68
67	CSF AÎ 2 1-42 combined with neuroimaging biomarkers in the early detection, diagnosis and prediction of Alzheimer's disease. , 2014, 10, 381-392.		64
68	Measures of resting state EEG rhythms for clinical trials in Alzheimer's disease: Recommendations of an expert panel. Alzheimer's and Dementia, 2021, 17, 1528-1553.	0.8	64
69	Applying Automated MR-Based Diagnostic Methods to the Memory Clinic: A Prospective Study. Journal of Alzheimer's Disease, 2015, 47, 939-954.	2.6	63
70	Cognitive reserve moderates the association between functional network anti-correlations and memory in MCI. Neurobiology of Aging, 2017, 50, 152-162.	3.1	63
71	Effects of donepezil on cortical metabolic response to activation during 18FDG-PET in Alzheimer's disease: a double-blind cross-over trial. Psychopharmacology, 2006, 187, 86-94.	3.1	62
72	Hearing Impairment Affects Dementia Incidence. An Analysis Based on Longitudinal Health Claims Data in Germany. PLoS ONE, 2016, 11, e0156876.	2.5	62

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73	Cholinergic white matter pathways make a stronger contribution to attention and memory in normal aging than cerebrovascular health and nucleus basalis of Meynert. NeuroImage, 2020, 211, 116607.	4.2	59
74	Does posterior cingulate hypometabolism result from disconnection or local pathology across preclinical and clinical stages of Alzheimer's disease?. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 526-536.	6.4	58
75	Incremental value of biomarker combinations to predict progression of mild cognitive impairment to Alzheimer's dementia. Alzheimer's Research and Therapy, 2017, 9, 84.	6.2	58
76	Minor neuropsychological deficits in patients with subjective cognitive decline. Neurology, 2020, 95, e1134-e1143.	1.1	58
77	Basal Forebrain and Hippocampus as Predictors of Conversion to Alzheimer's Disease in Patients with Mild Cognitive Impairment – A Multicenter DTI and Volumetry Study. Journal of Alzheimer's Disease, 2015, 48, 197-204.	2.6	56
78	Use of nonintrusive sensorâ€based information and communication technology for realâ€world evidence for clinical trials in dementia. Alzheimer's and Dementia, 2018, 14, 1216-1231.	0.8	55
79	Microstructural White Matter Changes Underlying Cognitive and Behavioural Impairment in ALS – An In Vivo Study Using DTI. PLoS ONE, 2014, 9, e114543.	2.5	54
80	Rates of formal diagnosis of dementia in primary care: The effect ofÂscreening. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2015, 1, 87-93.	2.4	53
81	Distinct pattern of hypometabolism and atrophy in preclinical and predementia Alzheimer's disease. Neurobiology of Aging, 2014, 35, 1973-1981.	3.1	52
82	Increased CSF-BACE1 Activity Associated with Decreased Hippocampus Volume in Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 25, 373-381.	2.6	50
83	Neurokinin3 receptor as a target to predict and improve learning and memory in the aged organism. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15097-15102.	7.1	50
84	Multicenter stability of resting state fMRI in the detection of Alzheimer's disease and amnestic MCI. NeuroImage: Clinical, 2017, 14, 183-194.	2.7	49
85	Costâ€effectiveness of a collaborative dementia care managementâ€"Results of a clusterâ€randomized controlled trial. Alzheimer's and Dementia, 2019, 15, 1296-1308.	0.8	49
86	Biomarker-guided clustering of Alzheimer's disease clinical syndromes. Neurobiology of Aging, 2019, 83, 42-53.	3.1	48
87	Age transformation of combined hippocampus and amygdala volume improves diagnostic accuracy in Alzheimer's disease. Journal of the Neurological Sciences, 2002, 194, 15-19.	0.6	47
88	Morphological substrate of face matching in healthy ageing and mild cognitive impairment: a combined MRI-fMRI study. Brain, 2007, 130, 1745-1758.	7.6	47
89	Detecting the Effect of Alzheimer's Disease on Everyday Motion Behavior. Journal of Alzheimer's Disease, 2013, 38, 121-132.	2.6	47
90	Genetic interaction of <i>PICALM</i> and <i>APOE</i> is associated with brain atrophy and cognitive impairment in Alzheimer's disease. Alzheimer's and Dementia, 2014, 10, S269-76.	0.8	47

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91	The effects of 7â€week cognitive training in patients with vascular cognitive impairment, no dementia (the Cogâ€VACCINE study): A randomized controlled trial. Alzheimer's and Dementia, 2019, 15, 605-614.	0.8	47
92	The corticotopic organization of the human basal forebrain as revealed by regionally selective functional connectivity profiles. Human Brain Mapping, 2019, 40, 868-878.	3.6	47
93	Multicentre variability of MRI-based medial temporal lobe volumetry in Alzheimer's disease. Psychiatry Research - Neuroimaging, 2010, 182, 244-250.	1.8	46
94	Long-Term Test-Retest Reliability of Resting-State Networks in Healthy Elderly Subjects and Patients with Amnestic Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2013, 34, 741-754.	2.6	46
95	Diagnostic accuracy of CSF neurofilament light chain protein in the biomarker-guided classification system for Alzheimer's disease. Neurochemistry International, 2017, 108, 355-360.	3.8	46
96	White Matter Damage in the Cholinergic System Contributes to Cognitive Impairment in Subcortical Vascular Cognitive Impairment, No Dementia. Frontiers in Aging Neuroscience, 2017, 9, 47.	3.4	46
97	Cholinergic Basal Forebrain Structure Influences the Reconfiguration of White Matter Connections to Support Residual Memory in Mild Cognitive Impairment. Journal of Neuroscience, 2015, 35, 739-747.	3.6	45
98	TDP-43 pathology and cognition in ALS. Neurology, 2016, 87, 1019-1023.	1.1	45
99	Data-driven FDG-PET subtypes of Alzheimer's disease-related neurodegeneration. Alzheimer's Research and Therapy, 2021, 13, 49.	6.2	44
100	Mean diffusivity in cortical gray matter in Alzheimer's disease: The importance of partial volume correction. NeuroImage: Clinical, 2018, 17, 579-586.	2.7	40
101	Twoâ€level diagnostic classification using cerebrospinal fluid YKLâ€40 in Alzheimer's disease. Alzheimer's and Dementia, 2017, 13, 993-1003.	0.8	39
102	Assessment of factors that confound MRI and neuropathological correlation of human postmortem brain tissue. Cell and Tissue Banking, 2008, 9, 195-203.	1.1	37
103	Regional Pattern of Dementia and Prevalence of Hearing Impairment in Germany. Journal of the American Geriatrics Society, 2015, 63, 1527-1533.	2.6	37
104	Robust Detection of Impaired Resting State Functional Connectivity Networks in Alzheimer's Disease Using Elastic Net Regularized Regression. Frontiers in Aging Neuroscience, 2016, 8, 318.	3.4	36
105	No Change in Executive Performance in ALS Patients: A Longitudinal Neuropsychological Study. Neurodegenerative Diseases, 2016, 16, 184-191.	1.4	35
106	Cerebrospinal Fluid Neurogranin as a Biomarker of Neurodegenerative Diseases: A Cross-Sectional Study. Journal of Alzheimer's Disease, 2017, 59, 1327-1334.	2.6	35
107	Structural integrity in subjective cognitive decline, mild cognitive impairment and Alzheimer's disease based on multicenter diffusion tensor imaging. Journal of Neurology, 2019, 266, 2465-2474.	3.6	35
108	Subregional volume reduction of the cholinergic forebrain in subjective cognitive decline (SCD). Neurolmage: Clinical, 2019, 21, 101612.	2.7	35

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109	Evolving Evidence for the Value of Neuroimaging Methods and Biological Markers in Subjects Categorized with Subjective Cognitive Decline. Journal of Alzheimer's Disease, 2015, 48, S171-S191.	2.6	34
110	Automated tractography of the cingulate bundle in Alzheimer's disease: A multicenter DTI study. Journal of Magnetic Resonance Imaging, 2012, 36, 84-91.	3.4	33
111	The European DTI Study on Dementia — A multicenter DTI and MRI study on Alzheimer's disease and Mild Cognitive Impairment. NeuroImage, 2017, 144, 305-308.	4.2	33
112	Parallel Atrophy of Cortex and Basal Forebrain Cholinergic System in Mild Cognitive Impairment. Cerebral Cortex, 2017, 27, bhw019.	2.9	32
113	Basal Forebrain Volume, but Not Hippocampal Volume, Is a Predictor of Global Cognitive Decline in Patients With Alzheimer's Disease Treated With Cholinesterase Inhibitors. Frontiers in Neurology, 2018, 9, 642.	2.4	32
114	Diagnostic Utility of Novel MRI-Based Biomarkers for Alzheimer's Disease: Diffusion Tensor Imaging and Deformation-Based Morphometry. Journal of Alzheimer's Disease, 2010, 20, 477-490.	2.6	31
115	Disrupted white matter structural networks in healthy older adult APOE Îμ4 carriers – An international multicenter DTI study. Neuroscience, 2017, 357, 119-133.	2.3	31
116	Gaussian Graphical Models Reveal Inter-Modal and Inter-Regional Conditional Dependencies of Brain Alterations in Alzheimer's Disease. Frontiers in Aging Neuroscience, 2020, 12, 99.	3.4	31
117	Development of Alzheimer-disease neuroimaging-biomarkers using mouse models with amyloid-precursor protein-transgene expression. Progress in Neurobiology, 2011, 95, 547-556.	5.7	30
118	Dysexecutive functioning in ALS patients and its clinical implications. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2015, 16, 160-171.	1.7	30
119	Reduced Cholinergic Basal Forebrain Integrity Links Neonatal Complications and Adult Cognitive Deficits After Premature Birth. Biological Psychiatry, 2017, 82, 119-126.	1.3	30
120	Relationship between Basal Forebrain Resting-State Functional Connectivity and Brain Amyloid- \hat{l}^2 Deposition in Cognitively Intact Older Adults with Subjective Memory Complaints. Radiology, 2019, 290, 167-176.	7.3	30
121	Resting-state posterior alpha rhythms are abnormal in subjective memory complaint seniors with preclinical Alzheimer's neuropathology and high education level: the INSIGHT-preAD study. Neurobiology of Aging, 2020, 90, 43-59.	3.1	30
122	Neuropathologic features associated with basal forebrain atrophy in Alzheimer disease. Neurology, 2020, 95, e1301-e1311.	1.1	29
123	Long-term cost-effectiveness of donepezil for the treatment of Alzheimer's disease. European Archives of Psychiatry and Clinical Neuroscience, 2007, 257, 330-336.	3.2	28
124	Improved detection of incipient vascular changes by a biotechnological platform combining post mortem MRI in situ with neuropathology. Journal of the Neurological Sciences, 2009, 283, 2-8.	0.6	28
125	Automated Detection of Amyloid-β-Related Cortical and Subcortical Signal Changes in a Transgenic Model of Alzheimer's Disease using High-Field MRI. Journal of Alzheimer's Disease, 2011, 23, 221-237.	2.6	28
126	Smaller medial temporal lobe volumes in individuals with subjective cognitive decline and biomarker evidence of Alzheimer's diseaseâ€"Data from three memory clinic studies. Alzheimer's and Dementia, 2019, 15, 185-193.	0.8	28

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127	Soluble TAM receptors sAXL and sTyro3 predict structural and functional protection in Alzheimer's disease. Neuron, 2022, 110, 1009-1022.e4.	8.1	27
128	Neuropsychiatric symptoms in people screened positive for dementia in primary care. International Psychogeriatrics, 2015, 27, 39-48.	1.0	26
129	Contribution of the Cholinergic System toÂVerbal Memory Performance in Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2016, 53, 991-1001.	2.6	26
130	Brain atrophy in primary progressive aphasia involves the cholinergic basal forebrain and Ayala's nucleus. Psychiatry Research - Neuroimaging, 2014, 221, 187-194.	1.8	25
131	The $\hat{l}\mu4$ genotype of apolipoprotein E and white matter integrity in Alzheimer's disease. Alzheimer's and Dementia, 2014, 10, 401-404.	0.8	25
132	A study on the specificity of the association between hippocampal volume and delayed primacy performance in cognitively intact elderly individuals. Neuropsychologia, 2015, 69, 1-8.	1.6	25
133	Longitudinal validity of <scp>PET</scp> â€based staging of regional amyloid deposition. Human Brain Mapping, 2020, 41, 4219-4231.	3.6	25
134	Antihypertensive Therapy Is Associated with Reduced Rate of Conversion to Alzheimer's Disease in Midregional Proatrial Natriuretic Peptide Stratified Subjects with Mild Cognitive Impairment. Biological Psychiatry, 2011, 70, 145-151.	1.3	24
135	Diffusion tensor imaging in Alzheimer's disease and affective disorders. European Archives of Psychiatry and Clinical Neuroscience, 2014, 264, 467-483.	3.2	24
136	Antidementia Drug Treatment in People Screened Positive for Dementia in Primary Care. Journal of Alzheimer's Disease, 2015, 44, 1015-1021.	2.6	24
137	Applicability of in vivo staging of regional amyloid burden in a cognitively normal cohort with subjective memory complaints: the INSIGHT-preAD study. Alzheimer's Research and Therapy, 2019, 11, 15.	6.2	24
138	Functional connectivity increase in the default-mode network of patients with Alzheimer׳s disease after long-term treatment with Galantamine. European Neuropsychopharmacology, 2016, 26, 602-613.	0.7	23
139	Predictors of cognitive decline and treatment response in a clinical trial on suspected prodromal Alzheimer's disease. Neuropharmacology, 2016, 108, 128-135.	4.1	23
140	Recent developments of functional magnetic resonance imaging research for drug development in Alzheimer's disease. Progress in Neurobiology, 2011, 95, 570-578.	5.7	22
141	Perspectives for Multimodal Neurochemical and Imaging Biomarkers in Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 33, S329-S347.	2.6	21
142	Atrophy and structural covariance of the cholinergic basal forebrain in primary progressive aphasia. Cortex, 2016, 83, 124-135.	2.4	21
143	Real-Time Detection of Spatial Disorientation in Persons with Mild Cognitive Impairment and Dementia. Gerontology, 2020, 66, 85-94.	2.8	21
144	InÂvivo staging of regional amyloid deposition predicts functional conversion in the preclinical and prodromal phases of Alzheimer's disease. Neurobiology of Aging, 2020, 93, 98-108.	3.1	21

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145	An algorithm for actigraphy-based sleep/wake scoring: Comparison with polysomnography. Clinical Neurophysiology, 2021, 132, 137-145.	1.5	21
146	Improving 3D convolutional neural network comprehensibility via interactive visualization of relevance maps: evaluation in Alzheimer's disease. Alzheimer's Research and Therapy, 2021, 13, 191.	6.2	21
147	Effect of Alzheimer's disease risk and protective factors on cognitive trajectories in subjective memory complainers: An INSIGHTâ€preAD study. Alzheimer's and Dementia, 2018, 14, 1126-1136.	0.8	20
148	Plasma tau correlates with basal forebrain atrophy rates in people at risk for Alzheimer disease. Neurology, 2020, 94, e30-e41.	1.1	20
149	No association of cortical amyloid load and EEG connectivity in older people with subjective memory complaints. Neurolmage: Clinical, 2018, 17, 435-443.	2.7	19
150	Multicenter Resting State Functional Connectivity in Prodromal and Dementia Stages of Alzheimer's Disease. Journal of Alzheimer's Disease, 2018, 64, 801-813.	2.6	19
151	The Primacy Effect in Amnestic Mild Cognitive Impairment: Associations with Hippocampal Functional Connectivity. Frontiers in Aging Neuroscience, 2016, 8, 244.	3.4	18
152	Multidimensional assessment of challenging behaviors in advanced stages of dementia in nursing homesâ€"The insideDEM framework. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 8, 36-44.	2.4	18
153	Potential Role of Neuroimaging Markers for Early Diagnosis of Dementia in Primary Care. Current Alzheimer Research, 2017, 15, 18-27.	1.4	18
154	Outcomes of clinical utility in amyloid-PET studies: state of art and future perspectives. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2157-2168.	6.4	18
155	Cortical amyloid accumulation is associated with alterations of structural integrity in older people with subjective memory complaints. Neurobiology of Aging, 2017, 57, 143-152.	3.1	18
156	Multimodal MRI analysis of basal forebrain structure and function across the Alzheimer's disease spectrum. NeuroImage: Clinical, 2020, 28, 102495.	2.7	17
157	Subjective memory impairment: No suitable criteria for caseâ€finding ofÂdementia in primary care. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2015, 1, 179-186.	2.4	16
158	APPswe/PS1dE9 mice with cortical amyloid pathology show a reduced NAA/Cr ratio without apparent brain atrophy: A MRS and MRI study. NeuroImage: Clinical, 2017, 15, 581-586.	2.7	16
159	Situation Model for Situation-Aware Assistance of Dementia Patients in Outdoor Mobility. Journal of Alzheimer's Disease, 2017, 60, 1461-1476.	2.6	16
160	Corpus Callosum Measurement as an <i>in Vivo</i> Indicator for Neocortical Neuronal Integrity, but not White Matter Pathology, in Alzheimer's Disease. Annals of the New York Academy of Sciences, 2000, 903, 470-476.	3.8	15
161	Response to Boban et al: computer-assisted 3D reconstruction of the nucleus basalis complex, including the nucleus subputaminalis (Ayala's nucleus). Brain, 2006, 129, E43-E43.	7.6	15
162	Multicenter Tract-Based Analysis of Microstructural Lesions within the Alzheimer's Disease Spectrum: Association with Amyloid Pathology and Diagnostic Usefulness. Journal of Alzheimer's Disease, 2019, 72, 455-465.	2.6	15

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163	Association between composite scores of domain-specific cognitive functions and regional patterns of atrophy and functional connectivity in the Alzheimer's disease spectrum. NeuroImage: Clinical, 2021, 29, 102533.	2.7	15
164	Long-Term Caloric Restriction Attenuates \hat{l}^2 -Amyloid Neuropathology and Is Accompanied by Autophagy in APPswe/PS1delta9 Mice. Nutrients, 2021, 13, 985.	4.1	15
165	Neuronal correlates of serial position performance in amnestic mild cognitive impairment Neuropsychology, 2016, 30, 906-914.	1.3	15
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