Rik Vandenberghe

List of Publications by Year
in descending order

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367 papers	30,535 citations	9264 74 h-index	5988 160 g-index
411 all docs	411 docs citations	411 times ranked	25480 citing authors

#	Article	IF	Citations
1	Network structure and transcriptomic vulnerability shape atrophy in frontotemporal dementia. Brain, 2023, 146, 321-336.	7.6	30
2	Cerebrospinal fluid proteomic profiling of individuals with mild cognitive impairment and suspected nonâ€Alzheimer's disease pathophysiology. Alzheimer's and Dementia, 2023, 19, 807-820.	0.8	4
3	A modified Camel and Cactus Test detects presymptomatic semantic impairment in genetic frontotemporal dementia within the GENFI cohort. Applied Neuropsychology Adult, 2022, 29, 112-119.	1.2	18
4	A 3D deep learning model to predict the diagnosis of dementia with Lewy bodies, Alzheimerâ€™s disease, and mild cognitive impairment using brain 18F-FDG PET. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 563-584.	6.4	41
5	Comparison of clinical rating scales in genetic frontotemporal dementia within the GENFI cohort. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 158-168.	1.9	7
6	Practice effects in genetic frontotemporal dementia and at-risk individuals: a GENFI study. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 336-339.	1.9	1
7	Orienting to different dimensions of word meaning alters the representation of word meaning in early processing regions. Cerebral Cortex, 2022, 32, 3302-3317.	2.9	5
8	A data-driven disease progression model of fluid biomarkers in genetic frontotemporal dementia. Brain, 2022, 145, 1805-1817.	7.6	27
9	Stratifying the Presymptomatic Phase of Genetic Frontotemporal Dementia by Serum <scp>NfL</scp> and <scp>pNfH</scp>: A Longitudinal Multicentre Study. Annals of Neurology, 2022, 91, 33-47.	5.3	21
10	Association of Plasma p-tau181 and p-tau231 Concentrations With Cognitive Decline in Patients With Probable Dementia With Lewy Bodies. JAMA Neurology, 2022, 79, 32.	9.0	38
11	Cognitive composites for genetic frontotemporal dementia: GENFI-Cog. Alzheimer's Research and Therapy, 2022, 14, 10.	6.2	4
12	An Automated Toolbox to Predict Single Subject Atrophy in Presymptomatic Granulin Mutation Carriers. Journal of Alzheimer's Disease, 2022, , 1-14.	2.6	3
13	Prevalence Estimates of Amyloid Abnormality Across the Alzheimer Disease Clinical Spectrum. JAMA Neurology, 2022, 79, 228.	9.0	97
14	An optimized MRI and PET based clinical protocol for improving the differential diagnosis of geriatric depression and Alzheimer's disease. Psychiatry Research - Neuroimaging, 2022, 320, 111443.	1.8	6
15	Examining empathy deficits across familial forms of frontotemporal dementia within the GENFI cohort. Cortex, 2022, 150, 12-28.	2.4	2
16	Dataâ€driven staging of genetic frontotemporal dementia using multiâ€modal <scp>MRI</scp>. Human Brain Mapping, 2022, 43, 1821-1835.	3.6	7
17	Conceptual framework for the definition of preclinical and prodromal frontotemporal dementia. Alzheimer's and Dementia, 2022, 18, 1408-1423.	0.8	24
18	Lack of association between bridging integrator 1 (BIN1) rs744373 polymorphism and tauâ€PET load in cognitively intact older adults. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2022, 8, e12227.	3.7	1

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19	Structural brain splitting is a hallmark of Granulin-related frontotemporal dementia. Neurobiology of Aging, 2022, , .	3.1	1
20	Rare variants in IFFO1, DTNB, NLRC3 and SLC22A10 associate with Alzheimerâ€™s disease CSF profile of neuronal injury and inflammation. Molecular Psychiatry, 2022, 27, 1990-1999.	7.9	9
21	Anomia is present pre-symptomatically in frontotemporal dementia due to MAPT mutations. Journal of Neurology, 2022, 269, 4322-4332.	3.6	1
22	The <scp>CBIâ€R</scp> detects early behavioural impairment in genetic frontotemporal dementia. Annals of Clinical and Translational Neurology, 2022, 9, 644-658.	3.7	1
23	Frontotemporal Lobar Degeneration Case with an N-Terminal TUBA4A Mutation Exhibits Reduced TUBA4A Levels in the Brain and TDP-43 Pathology. Biomolecules, 2022, 12, 440.	4.0	5
24	Cerebrospinal fluid tau levels are associated with abnormal neuronal plasticity markers in Alzheimerâ€™s disease. Molecular Neurodegeneration, 2022, 17, 27.	10.8	30
25	Genome-Wide Association Study of Alzheimerâ€™s Disease Brain Imaging Biomarkers and Neuropsychological Phenotypes in the European Medical Information Framework for Alzheimerâ€™s Disease Multimodal Biomarker Discovery Dataset. Frontiers in Aging Neuroscience, 2022, 14, 840651.	3.4	20
26	New insights into the genetic etiology of Alzheimerâ€™s disease and related dementias. Nature Genetics, 2022, 54, 412-436.	21.4	700
27	AÎ² profiles generated by Alzheimerâ€™s disease causing PSEN1 variants determine the pathogenicity of the mutation and predict age at disease onset. Molecular Psychiatry, 2022, 27, 2821-2832.	7.9	37
28	A case of vitamin B12 deficiency neurological syndrome in a young adult due to late-onset cobalamin C (CblC) deficiency: a diagnostic challenge. Biochemia Medica, 2022, 32, 020802.	2.7	0
29	Effects of age, amyloid, sex, and APOE Îµ4 on the CSF proteome in normal cognition. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2022, 14, e12286.	2.4	4
30	Classification of 18F-Flutemetamol scans in cognitively normal older adults using machine learning trained with neuropathology as ground truth. European Journal of Nuclear Medicine and Molecular Imaging, 2022, , 1.	6.4	1
31	Phosphoâ€specific plasma pâ€tau181 assay detects clinical as well as asymptomatic Alzheimer's disease. Annals of Clinical and Translational Neurology, 2022, 9, 734-746.	3.7	11
32	Longitudinal Cognitive Changes in Genetic Frontotemporal Dementia Within the GENFI Cohort. Neurology, 2022, 99, .	1.1	5
33	Left Frontal White Matter Links to Rhythm Processing Relevant to Speech Production in Apraxia of Speech. Neurobiology of Language (Cambridge, Mass), 2022, 3, 515-537.	3.1	2
34	No association of CpG SNP rs9357140 with onset age in Belgian C9orf72 repeat expansion carriers. Neurobiology of Aging, 2021, 97, 145.e1-145.e4.	3.1	2
35	Contribution of homozygous and compound heterozygous missense mutations in VWA2 to Alzheimerâ€™s disease. Neurobiology of Aging, 2021, 99, 100.e17-100.e23.	3.1	5
36	Brain functional network integrity sustains cognitive function despite atrophy in presymptomatic genetic frontotemporal dementia. Alzheimer's and Dementia, 2021, 17, 500-514.	0.8	36

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37	Apathy in presymptomatic genetic frontotemporal dementia predicts cognitive decline and is driven by structural brain changes. Alzheimer's and Dementia, 2021, 17, 969-983.	0.8	31
38	Necrosomeâ€positive granulovacuolar degeneration is associated with TDPâ€43 pathological lesions in the hippocampus of ALS/FTLD cases. Neuropathology and Applied Neurobiology, 2021, 47, 328-345.	3.2	15
39	Impairment of episodic memory in genetic frontotemporal dementia: A GENFI study. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12185.	2.4	11
40	The Role of Amyloid PET in Diagnosing Possible Transmissible Cerebral Amyloid Angiopathy in Young Adults with a History of Neurosurgery: A Case Series. Cerebrovascular Diseases, 2021, 50, 356-360.	1.7	8
41	Progression of Behavioral Disturbances and Neuropsychiatric Symptoms in Patients With Genetic Frontotemporal Dementia. JAMA Network Open, 2021, 4, e2030194.	5.9	42
42	Associations among education, age, and the dementia with Lewy bodies (DLB) metabolic pattern: A Europeanâ€ÐLB consortium project. Alzheimer's and Dementia, 2021, 17, 1277-1286.	0.8	5
43	Contribution of rare homozygous and compound heterozygous VPS13C missense mutations to dementia with Lewy bodies and Parkinsonâ€™s disease. Acta Neuropathologica Communications, 2021, 9, 25.	5.2	23
44	Toward a Universal Readout for¹⁸F-Labeled Amyloid Tracers: The CAPTAINs Study. Journal of Nuclear Medicine, 2021, 62, 999-1005.	5.0	9
45	Replication study of plasma proteins relating to Alzheimer's pathology. Alzheimer's and Dementia, 2021, 17, 1452-1464.	0.8	13
46	Cognitive and Behavioral Manifestations in ALS: Beyond Motor System Involvement. Diagnostics, 2021, 11, 624.	2.6	22
47	MRI data-driven algorithm for the diagnosis of behavioural variant frontotemporal dementia. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 608-616.	1.9	10
48	CSF sTREM2 is elevated in a subset in GRN-related frontotemporal dementia. Neurobiology of Aging, 2021, 103, 158.e1-158.e5.	3.1	8
49	Baseline cognition is the best predictor of 4-year cognitive change in cognitively intact older adults. Alzheimer's Research and Therapy, 2021, 13, 75.	6.2	24
50	TDP-43 interacts with pathological Ï„ protein in Alzheimerâ€™s disease. Acta Neuropathologica, 2021, 141, 795-799.	7.7	19
51	Sequence of proteome profiles in preclinical and symptomatic Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, 946-958.	0.8	16
52	Prognostic value of amyloid/tau/neurodegeneration (ATN) classification based on diagnostic cerebrospinal fluid samples for Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2021, 13, 84.	6.2	26
53	Plasma Neurofilament Light for Prediction of Disease Progression in Familial Frontotemporal Lobar Degeneration. Neurology, 2021, 96, e2296-e2312.	1.1	52
54	TMEM106B and CPOX are genetic determinants of cerebrospinal fluid Alzheimer's disease biomarker levels. Alzheimer's and Dementia, 2021, 17, 1628-1640.	0.8	23

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55	Characterizing the Clinical Features and Atrophy Patterns of MAPT -Related Frontotemporal Dementia With Disease Progression Modeling. Neurology, 2021, 97, e941-e952.	1.1	29
56	Common variants in Alzheimerâ€™s disease and risk stratification by polygenic risk scores. Nature Communications, 2021, 12, 3417.	12.8	140
57	The Revised Self-Monitoring Scale detects early impairment of social cognition in genetic frontotemporal dementia within the GENFI cohort. Alzheimer's Research and Therapy, 2021, 13, 127.	6.2	12
58	CSF Proteomic Alzheimerâ€™s Disease-Predictive Subtypes in Cognitively Intact Amyloid Negative Individuals. Proteomes, 2021, 9, 36.	3.5	9
59	Family-based exome sequencing identifies RBM45 as a possible candidate gene for frontotemporal dementia and amyotrophic lateral sclerosis. Neurobiology of Disease, 2021, 156, 105421.	4.4	2
60	Posterior Intraparietal Sulcus Mediates Detection of Salient Stimuli Outside the Endogenous Focus of Attention. Cerebral Cortex, 2021, , .	2.9	0
61	Lower regional gray matter volume in the absence of higher cortical amyloid burden in late-life depression. Scientific Reports, 2021, 11, 15981.	3.3	13
62	Effect of the Histone Deacetylase Inhibitor FRM-0334 on Progranulin Levels in Patients With Progranulin Gene Haploinsufficiency. JAMA Network Open, 2021, 4, e2125584.	5.9	18
63	Changes in the language system as amyloid-Î² accumulates. Brain, 2021, 144, 3756-3768.	7.6	9
64	Dissemination in time and space in presymptomatic granulin mutation carriers: a GENFI spatial chronnectome study. Neurobiology of Aging, 2021, 108, 155-167.	3.1	3
65	Premature termination codon mutations in ABCA7 contribute to Alzheimer's disease risk in Belgian patients. Neurobiology of Aging, 2021, 106, 307.e1-307.e7.	3.1	10
66	Differential early subcortical involvement in genetic FTD within the GENFI cohort. NeuroImage: Clinical, 2021, 30, 102646.	2.7	28
67	Disease-related cortical thinning in presymptomatic granulin mutation carriers. NeuroImage: Clinical, 2021, 29, 102540.	2.7	8
68	Maturation of neuronal AD-tau pathology involves site-specific phosphorylation of cytoplasmic and synaptic tau preceding conformational change and fibril formation. Acta Neuropathologica, 2021, 141, 173-192.	7.7	35
69	Sex-Specific Metabolic Pathways Were Associated with Alzheimerâ€™s Disease (AD) Endophenotypes in the European Medical Information Framework for AD Multimodal Biomarker Discovery Cohort. Biomedicines, 2021, 9, 1610.	3.2	7
70	A panel of CSF proteins separates genetic frontotemporal dementia from presymptomatic mutation carriers: a GENFI study. Molecular Neurodegeneration, 2021, 16, 79.	10.8	9
71	Longitudinal changes in the brain language system as amyloid accumulates. Alzheimer's and Dementia, 2021, 17, .	0.8	0
72	Pattern of progression in MAPTâ€related frontotemporal dementia: Results from the GENFI study. Alzheimer's and Dementia, 2021, 17, .	0.8	0

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73	Prognostic value of amyloid/tau/neurodegeneration (ATN) classification based on diagnostic cerebrospinal fluid samples for Alzheimerâ€™s disease. Alzheimer's and Dementia, 2021, 17, .	0.8	0
74	Detecting clinical progression from abnormal regional brain volumes at baseline in genetic frontotemporal dementia: A GENFI study. Alzheimer's and Dementia, 2021, 17, .	0.8	0
75	A dataâ€driven disease progression model of fluid biomarkers in genetic FTD. Alzheimer's and Dementia, 2021, 17, .	0.8	0
76	Differential synaptic marker involvement in the different genetic forms of frontotemporal dementia. Alzheimer's and Dementia, 2021, 17, .	0.8	1
77	Intervalâ€specific likelihood ratios for improving differential diagnosis of Alzheimerâ€™s disease using biomarkers in cerebrospinal fluid. Alzheimer's and Dementia, 2021, 17, .	0.8	0
78	Current status and quantitative results of the AMYPAD prognostic and natural history study. Alzheimer's and Dementia, 2021, 17, .	0.8	0
79	From brain volumes to subgroup classification in genetic mutation carriers for frontotemporal dementia: A cluster analysis in the GENFI study. Alzheimer's and Dementia, 2021, 17, .	0.8	0
80	Rare missense mutations and compound heterozygous mutations in ABCA7 contribute to Alzheimer's disease in Belgian patients. Alzheimer's and Dementia, 2021, 17, e051341.	0.8	0
81	Assessment of Alzheimer's disease polygenic risk score on longitudinal amyloid accumulation in cognitively intact older adults.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e055201.	0.8	0
82	Genotype-phenotype of PSEN1 p.CYS263PHE carriers in Flanders-Belgian Alzheimer's disease patients.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e055244.	0.8	0
83	Multivariate analysis reveals anatomical correlates of naming errors in primary progressive aphasia. Neurobiology of Aging, 2020, 88, 71-82.	3.1	21
84	Binding of [18F]AV1451 in post mortem brain slices of semantic variant primary progressive aphasia patients. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 1949-1960.	6.4	11
85	Age at symptom onset and death and disease duration in genetic frontotemporal dementia: an international retrospective cohort study. Lancet Neurology, The, 2020, 19, 145-156.	10.2	175
86	Metabolic Correlates of Dopaminergic Loss in Dementia with Lewy Bodies. Movement Disorders, 2020, 35, 595-605.	3.9	42
87	Necrosome complex detected in granulovacuolar degeneration is associated with neuronal loss in Alzheimerâ€™s disease. Acta Neuropathologica, 2020, 139, 463-484.	7.7	91
88	Genome-wide association study of Alzheimerâ€™s disease CSF biomarkers in the EMIF-AD Multimodal Biomarker Discovery dataset. Translational Psychiatry, 2020, 10, 403.	4.8	42
89	Comparison of ELISA- and SIMOA-based quantification of plasma AÎ² ratios for early detection of cerebral amyloidosis. Alzheimer's Research and Therapy, 2020, 12, 162.	6.2	58
90	Combination of snapshot hyperspectral retinal imaging and optical coherence tomography to identify Alzheimerâ€™s disease patients. Alzheimer's Research and Therapy, 2020, 12, 144.	6.2	29

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91	Early symptoms in symptomatic and preclinical genetic frontotemporal lobar degeneration. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 975-984.	1.9	25
92	Abnormal pain perception is associated with thalamo-cortico-striatal atrophy in C9orf72 expansion carriers in the GENFI cohort. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 1325-1328.	1.9	12
93	Reproducibility of graph measures at the subject level using restingâ€state fMRI. Brain and Behavior, 2020, 10, 2336-2351.	2.2	13
94	Dickkopf-1 Overexpression in vitro Nominates Candidate Blood Biomarkers Relating to Alzheimerâ€™s Disease Pathology. Journal of Alzheimer's Disease, 2020, 77, 1353-1368.	2.6	7
95	Dipeptide repeat protein and TDP-43 pathology along the hypothalamicâ€“pituitary axis in C9orf72 and non-C9orf72 ALS and FTLD-TDP cases. Acta Neuropathologica, 2020, 140, 777-781.	7.7	8
96	Amyloid-Î²1â€“43 cerebrospinal fluid levels and the interpretation of APP, PSEN1 and PSEN2 mutations. Alzheimer's Research and Therapy, 2020, 12, 108.	6.2	17
97	Analysis of brain atrophy and local gene expression in genetic frontotemporal dementia. Brain Communications, 2020, 2, .	3.3	20
98	Identification of plasma proteome signatures associated with ATN framework using SOMAscan. Alzheimer's and Dementia, 2020, 16, e036954.	0.8	1
99	Recessive missense variants in VWA2 increase risk of developing Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e039791.	0.8	0
100	ABCA7 PTC mutation carriers present with Alzheimerâ€™s disease pathology and cerebral amyloid angiopathy. Alzheimer's and Dementia, 2020, 16, e041513.	0.8	0
101	Differential involvement of limbic and paralimbic cortex in episodic memory processing in cognitive aging and neurodegeneration. Alzheimer's and Dementia, 2020, 16, e044516.	0.8	0
102	Longitudinal changes in [18 F]Flutemetamol load in cognitively intact APOE Îµ4 carriers vs noncarriers: Comparison of three reference regions. Alzheimer's and Dementia, 2020, 16, e044534.	0.8	0
103	Classification of 18 Fâ€flutemetamol scans using machine learning with neuropathology as standard of truth. Alzheimer's and Dementia, 2020, 16, e044550.	0.8	0
104	Left frontal white matter atrophy links to timing mechanisms relevant for apraxia of speech. Alzheimer's and Dementia, 2020, 16, e044713.	0.8	1
105	Comparison of two analytical platforms for bloodâ€based surrogate biomarkers of amyloid pathology. Alzheimer's and Dementia, 2020, 16, e045110.	0.8	0
106	Synaptic proteins relate to memory scores in preclinical Alzheimerâ€™s disease and cognitively healthy controls depending on amyloid. Alzheimer's and Dementia, 2020, 16, e046102.	0.8	0
107	A familyâ€based genetic study identifies mutations in TLR9 impairing receptor activation: A role for innate immunity in AD pathogenesis. Alzheimer's and Dementia, 2020, 16, e047212.	0.8	2
108	Hierarchical involvement of molecular players in human neocortex in the course of preclinical and symptomatic Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e047351.	0.8	0

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109	Representation of associative and affective semantic similarity of abstract words in the lateral temporal perisylvian language regions. NeuroImage, 2020, 217, 116892.	4.2	8
110	Use of Multimodal Imaging and Clinical Biomarkers in Presymptomatic Carriers of C9orf72 Repeat Expansion. JAMA Neurology, 2020, 77, 1008.	9.0	45
111	Validation of Plasma Proteomic Biomarkers Relating to Brain Amyloid Burden in the EMIF-Alzheimerâ€™s Disease Multimodal Biomarker Discovery Cohort. Journal of Alzheimer's Disease, 2020, 74, 213-225.	2.6	13
112	APOE Îµ4 genotype-dependent cerebrospinal fluid proteomic signatures in Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2020, 12, 65.	6.2	28
113	Recommendations to distinguish behavioural variant frontotemporal dementia from psychiatric disorders. Brain, 2020, 143, 1632-1650.	7.6	158
114	Direct prospective comparison of 18F-FDG PET and arterial spin labelling MR using simultaneous PET/MR in patients referred for diagnosis of dementia. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2142-2154.	6.4	25
115	Plasma glial fibrillary acidic protein is raised in progranulin-associated frontotemporal dementia. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 263-270.	1.9	106
116	Distinct molecular patterns of TDP-43 pathology in Alzheimerâ€™s disease: relationship with clinical phenotypes. Acta Neuropathologica Communications, 2020, 8, 61.	5.2	58
117	Neuronal pentraxin 2: a synapse-derived CSF biomarker in genetic frontotemporal dementia. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 612-621.	1.9	55
118	Faster Cortical Thinning and Surface Area Loss in Presymptomatic and Symptomatic C9orf72 Repeat Expansion Adult Carriers. Annals of Neurology, 2020, 88, 113-122.	5.3	19
119	The European Reference Network for Rare Neurological Diseases. Frontiers in Neurology, 2020, 11, 616569.	2.4	26
120	Social cognition impairment in genetic frontotemporal dementia within the GENFI cohort. Cortex, 2020, 133, 384-398.	2.4	26
121	Pathophysiological subtypes of Alzheimerâ€™s disease based on cerebrospinal fluid proteomics. Brain, 2020, 143, 3776-3792.	7.6	89
122	Brain Imaging of Alzheimer Dementia Patients and Elderly Controls with ¹⁸F-MK-6240, a PET Tracer Targeting Neurofibrillary Tangles. Journal of Nuclear Medicine, 2019, 60, 107-114.	5.0	92
123	AÎ²-induced acceleration of Alzheimer-related Ï„-pathology spreading and its association with prion protein. Acta Neuropathologica, 2019, 138, 913-941.	7.7	75
124	Serum neurofilament light chain in genetic frontotemporal dementia: a longitudinal, multicentre cohort study. Lancet Neurology, The, 2019, 18, 1103-1111.	10.2	128
125	Serum neurofilament heavy chains as early marker of motor neuron degeneration. Annals of Clinical and Translational Neurology, 2019, 6, 1971-1979.	3.7	29
126	Discovery and validation of plasma proteomic biomarkers relating to brain amyloid burden by SOMAscan assay. Alzheimer's and Dementia, 2019, 15, 1478-1488.	0.8	46

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127	The inner fluctuations of the brain in presymptomatic Frontotemporal Dementia: The chronnectome fingerprint. NeuroImage, 2019, 189, 645-654.	4.2	33
128	Redefining the resolution of semantic knowledge in the brain: Advances made by the introduction of models of semantics in neuroimaging. Neuroscience and Biobehavioral Reviews, 2019, 103, 3-13.	6.1	36
129	Clinical value of cerebrospinal fluid neurofilament light chain in semantic dementia. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 997-1004.	1.9	19
130	Education modulates brain maintenance in presymptomatic frontotemporal dementia. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 1124-1130.	1.9	23
131	Primary fatty amides in plasma associated with brain amyloid burden, hippocampal volume, and memory in the European Medical Information Framework for Alzheimer's Disease biomarker discovery cohort. Alzheimer's and Dementia, 2019, 15, 817-827.	0.8	62
132	The medial temporal written word processing system. Cortex, 2019, 119, 287-300.	2.4	10
133	Inflammatory biomarkers in Alzheimer's disease plasma. Alzheimer's and Dementia, 2019, 15, 776-787.	0.8	134
134	An ALS case with 38 (G4C2)-repeats in the C9orf72 gene shows TDP-43 and sparse dipeptide repeat protein pathology. Acta Neuropathologica, 2019, 137, 855-858.	7.7	12
135	Cerebrospinal fluid biomarkers of neurodegeneration, synaptic integrity, and astroglial activation across the clinical Alzheimer's disease spectrum. Alzheimer's and Dementia, 2019, 15, 644-654.	0.8	90
136	Loss of DPP6 in neurodegenerative dementia: a genetic player in the dysfunction of neuronal excitability. Acta Neuropathologica, 2019, 137, 901-918.	7.7	37
137	Stakeholdersâ€™ Views on Early Diagnosis for Alzheimerâ€™s Disease, Clinical Trial Participation and Amyloid PET Disclosure: A Focus Group Study. Journal of Bioethical Inquiry, 2019, 16, 45-59.	1.5	10
138	Metabolic patterns across core features in dementia with lewy bodies. Annals of Neurology, 2019, 85, 715-725.	5.3	47
139	Cerebrospinal fluid levels of synaptic and neuronal integrity correlate with gray matter volume and amyloid load in the precuneus of cognitively intact older adults. Journal of Neurochemistry, 2019, 149, 139-157.	3.9	10
140	Discovery of N-(4-[¹⁸F]Fluoro-5-methylpyridin-2-yl)isoquinolin-6-amine (JNJ-64326067), a New Promising Tau Positron Emission Tomography Imaging Tracer. Journal of Medicinal Chemistry, 2019, 62, 2974-2987.	6.4	24
141	Genetic meta-analysis of diagnosed Alzheimerâ€™s disease identifies new risk loci and implicates AÎ², tau, immunity and lipid processing. Nature Genetics, 2019, 51, 414-430.	21.4	1,962
142	Left perirhinal cortex codes for semantic similarity between written words defined from cued word association. NeuroImage, 2019, 191, 127-139.	4.2	18
143	Different aspects of Alzheimerâ€™s disease-related amyloid Î²-peptide pathology and their relationship to amyloid positron emission tomography imaging and dementia. Acta Neuropathologica Communications, 2019, 7, 178.	5.2	29
144	A metaboliteâ€based machine learning approach to diagnose Alzheimerâ€type dementia in blood: Results from the European Medicalâ€‰Information Framework for Alzheimer disease biomarker discovery cohort. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2019, 5, 933-938.	3.7	70

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145	Circadian sleep/wake-associated cells show dipeptide repeat protein aggregates in C9orf72-related ALS and FTLD cases. Acta Neuropathologica Communications, 2019, 7, 189.	5.2	22
146	White matter hyperintensities in progranulin-associated frontotemporal dementia: A longitudinal GENFI study. NeuroImage: Clinical, 2019, 24, 102077.	2.7	27
147	Clinical variability and onset age modifiers in an extended Belgian GRN founder family. Neurobiology of Aging, 2018, 67, 84-94.	3.1	17
148	A Time-Varying Connectivity Analysis from Distributed EEG Sources: A Simulation Study. Brain Topography, 2018, 31, 721-737.	1.8	29
149	Automation on an Open-Access Platform of Alzheimerâ€™s Disease Biomarker Immunoassays. SLAS Technology, 2018, 23, 188-197.	1.9	5
150	Attention Shifts Recruit the Monkey Default Mode Network. Journal of Neuroscience, 2018, 38, 1202-1217.	3.6	37
151	Extended FTLD pedigree segregating a Belgian GRN-null mutation: neuropathological heterogeneity in one family. Alzheimer's Research and Therapy, 2018, 10, 7.	6.2	10
152	Randomized Trial of Verubecestat for Mild-to-Moderate Alzheimerâ€™s Disease. New England Journal of Medicine, 2018, 378, 1691-1703.	27.0	512
153	An intronic VNTR affects splicing of ABCA7 and increases risk of Alzheimerâ€™s disease. Acta Neuropathologica, 2018, 135, 827-837.	7.7	68
154	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
155	Rare nonsynonymous variants in SORT1 are associated with increased risk for frontotemporal dementia. Neurobiology of Aging, 2018, 66, 181.e3-181.e10.	3.1	19
156	Review of the Ethical Issues of a Biomarker-Based Diagnoses in the Early Stage of Alzheimerâ€™s Disease. Journal of Bioethical Inquiry, 2018, 15, 219-230.	1.5	33
157	NEK1 genetic variability in a Belgian cohort of ALS and ALS-FTD patients. Neurobiology of Aging, 2018, 61, 255.e1-255.e7.	3.1	32
158	Association of Cerebral Amyloid-Î² Aggregation With Cognitive Functioning in Persons Without Dementia. JAMA Psychiatry, 2018, 75, 84.	11.0	133
159	Common and rare TBK1 variants in early-onset Alzheimer disease in a European cohort. Neurobiology of Aging, 2018, 62, 245.e1-245.e7.	3.1	16
160	P3â€128: EXPLORING THE MOLECULAR MECHANISM OF NEURONAL HYPEREXCITABILITY IN DEMENTIA. Alzheimer's and Dementia, 2018, 14, P1116.	0.8	0
161	O3â€10â€03: A POLYGENIC AD RISK SCORE PREDICTS AMYLOID ACCUMULATION OVER A 6â€YEAR INTERVAL IN COGNITIVELY INTACT OLDER ADULTS. Alzheimer's and Dementia, 2018, 14, P1041.	0.8	0
162	ICâ€Pâ€068: A POLYGENIC AD RISK SCORE PREDICTS AMYLOID ACCUMULATION OVER A 6â€YEAR INTERVAL IN COGNITIVELY INTACT OLDER ADULTS. Alzheimer's and Dementia, 2018, 14, P61.	0.8	0

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