

Rik Vandenberghe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/592079/publications.pdf>

Version: 2024-02-01

367
papers

30,535
citations

10650

74
h-index

6872

160
g-index

411
all docs

411
docs citations

411
times ranked

28082
citing authors

#	ARTICLE	IF	CITATIONS
1	Network structure and transcriptomic vulnerability shape atrophy in frontotemporal dementia. <i>Brain</i> , 2023, 146, 321-336.	3.7	30
2	Cerebrospinal fluid proteomic profiling of individuals with mild cognitive impairment and suspected non- β -Alzheimer's disease pathophysiology. <i>Alzheimer's and Dementia</i> , 2023, 19, 807-820.	0.4	4
3	A modified Camel and Cactus Test detects presymptomatic semantic impairment in genetic frontotemporal dementia within the GENFI cohort. <i>Applied Neuropsychology Adult</i> , 2022, 29, 112-119.	0.7	18
4	A 3D deep learning model to predict the diagnosis of dementia with Lewy bodies, Alzheimer's disease, and mild cognitive impairment using brain 18 F-FDG PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 563-584.	3.3	41
5	Comparison of clinical rating scales in genetic frontotemporal dementia within the GENFI cohort. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 158-168.	0.9	7
6	Practice effects in genetic frontotemporal dementia and at-risk individuals: a GENFI study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 336-339.	0.9	1
7	Orienting to different dimensions of word meaning alters the representation of word meaning in early processing regions. <i>Cerebral Cortex</i> , 2022, 32, 3302-3317.	1.6	5
8	A data-driven disease progression model of fluid biomarkers in genetic frontotemporal dementia. <i>Brain</i> , 2022, 145, 1805-1817.	3.7	27
9	Stratifying the Presymptomatic Phase of Genetic Frontotemporal Dementia by Serum τ and pNfH : A Longitudinal Multicentre Study. <i>Annals of Neurology</i> , 2022, 91, 33-47.	2.8	21
10	Association of Plasma p-tau181 and p-tau231 Concentrations With Cognitive Decline in Patients With Probable Dementia With Lewy Bodies. <i>JAMA Neurology</i> , 2022, 79, 32.	4.5	38
11	Cognitive composites for genetic frontotemporal dementia: GENFI-Cog. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 10.	3.0	4
12	An Automated Toolbox to Predict Single Subject Atrophy in Presymptomatic Granulin Mutation Carriers. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-14.	1.2	3
13	Prevalence Estimates of Amyloid Abnormality Across the Alzheimer Disease Clinical Spectrum. <i>JAMA Neurology</i> , 2022, 79, 228.	4.5	97
14	An optimized MRI and PET based clinical protocol for improving the differential diagnosis of geriatric depression and Alzheimer's disease. <i>Psychiatry Research - Neuroimaging</i> , 2022, 320, 111443.	0.9	6
15	Examining empathy deficits across familial forms of frontotemporal dementia within the GENFI cohort. <i>Cortex</i> , 2022, 150, 12-28.	1.1	2
16	Data-driven staging of genetic frontotemporal dementia using multi-modal MRI . <i>Human Brain Mapping</i> , 2022, 43, 1821-1835.	1.9	7
17	Conceptual framework for the definition of preclinical and prodromal frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2022, 18, 1408-1423.	0.4	24
18	Lack of association between bridging integrator 1 (BIN1) rs744373 polymorphism and τ -PET load in cognitively intact older adults. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2022, 8, e12227.	1.8	1

#	ARTICLE	IF	CITATIONS
19	Structural brain splitting is a hallmark of Granulin-related frontotemporal dementia. <i>Neurobiology of Aging</i> , 2022, , .	1.5	1
20	Rare variants in IFFO1, DTNB, NLRC3 and SLC22A10 associate with Alzheimer's disease CSF profile of neuronal injury and inflammation. <i>Molecular Psychiatry</i> , 2022, 27, 1990-1999.	4.1	9
21	Anomia is present pre-symptomatically in frontotemporal dementia due to MAPT mutations. <i>Journal of Neurology</i> , 2022, 269, 4322-4332.	1.8	1
22	The <i>CBI</i> detects early behavioural impairment in genetic frontotemporal dementia. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 644-658.	1.7	1
23	Frontotemporal Lobar Degeneration Case with an N-Terminal TUBA4A Mutation Exhibits Reduced TUBA4A Levels in the Brain and TDP-43 Pathology. <i>Biomolecules</i> , 2022, 12, 440.	1.8	5
24	Cerebrospinal fluid tau levels are associated with abnormal neuronal plasticity markers in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2022, 17, 27.	4.4	30
25	Genome-Wide Association Study of Alzheimer's Disease Brain Imaging Biomarkers and Neuropsychological Phenotypes in the European Medical Information Framework for Alzheimer's Disease Multimodal Biomarker Discovery Dataset. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 840651.	1.7	20
26	New insights into the genetic etiology of Alzheimer's disease and related dementias. <i>Nature Genetics</i> , 2022, 54, 412-436.	9.4	700
27	Δ^2 profiles generated by Alzheimer's disease causing PSEN1 variants determine the pathogenicity of the mutation and predict age at disease onset. <i>Molecular Psychiatry</i> , 2022, 27, 2821-2832.	4.1	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. <i>Biochimica Medica</i> , 2022, 32, 020802.	1.2	0
29	Effects of age, amyloid, sex, and <i>APOE</i> ϵ 4 on the CSF proteome in normal cognition. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12286.	1.2	4
30	Classification of 18F-Flutemetamol scans in cognitively normal older adults using machine learning trained with neuropathology as ground truth. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, , 1.	3.3	1
31	Phospho-specific plasma τ 181 assay detects clinical as well as asymptomatic Alzheimer's disease. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 734-746.	1.7	11
32	Longitudinal Cognitive Changes in Genetic Frontotemporal Dementia Within the GENFI Cohort. <i>Neurology</i> , 2022, 99, .	1.5	5
33	Left Frontal White Matter Links to Rhythm Processing Relevant to Speech Production in Apraxia of Speech. <i>Neurobiology of Language (Cambridge, Mass)</i> , 2022, 3, 515-537.	1.7	2
34	No association of CpG SNP rs9357140 with onset age in Belgian C9orf72 repeat expansion carriers. <i>Neurobiology of Aging</i> , 2021, 97, 145.e1-145.e4.	1.5	2
35	Contribution of homozygous and compound heterozygous missense mutations in VWA2 to Alzheimer's disease. <i>Neurobiology of Aging</i> , 2021, 99, 100.e17-100.e23.	1.5	5
36	Brain functional network integrity sustains cognitive function despite atrophy in presymptomatic genetic frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2021, 17, 500-514.	0.4	36

#	ARTICLE	IF	CITATIONS
37	Apathy in presymptomatic genetic frontotemporal dementia predicts cognitive decline and is driven by structural brain changes. <i>Alzheimer's and Dementia</i> , 2021, 17, 969-983.	0.4	31
38	Necrosome-positive granulo vacuolar degeneration is associated with TDP-43 pathological lesions in the hippocampus of ALS/FTLD cases. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 328-345.	1.8	15
39	Impairment of episodic memory in genetic frontotemporal dementia: A GENFI study. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12185.	1.2	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. <i>Cerebrovascular Diseases</i> , 2021, 50, 356-360.	0.8	8
41	Progression of Behavioral Disturbances and Neuropsychiatric Symptoms in Patients With Genetic Frontotemporal Dementia. <i>JAMA Network Open</i> , 2021, 4, e2030194.	2.8	42
42	Associations among education, age, and the dementia with Lewy bodies (DLB) metabolic pattern: A European-DLB consortium project. <i>Alzheimer's and Dementia</i> , 2021, 17, 1277-1286.	0.4	5
43	Contribution of rare homozygous and compound heterozygous VPS13C missense mutations to dementia with Lewy bodies and Parkinson's disease. <i>Acta Neuropathologica Communications</i> , 2021, 9, 25.	2.4	23
44	Toward a Universal Readout for ¹⁸ F-Labeled Amyloid Tracers: The CAPTAINS Study. <i>Journal of Nuclear Medicine</i> , 2021, 62, 999-1005.	2.8	9
45	Replication study of plasma proteins relating to Alzheimer's pathology. <i>Alzheimer's and Dementia</i> , 2021, 17, 1452-1464.	0.4	13
46	Cognitive and Behavioral Manifestations in ALS: Beyond Motor System Involvement. <i>Diagnostics</i> , 2021, 11, 624.	1.3	22
47	MRI data-driven algorithm for the diagnosis of behavioural variant frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 608-616.	0.9	10
48	CSF sTREM2 is elevated in a subset in GRN-related frontotemporal dementia. <i>Neurobiology of Aging</i> , 2021, 103, 158.e1-158.e5.	1.5	8
49	Baseline cognition is the best predictor of 4-year cognitive change in cognitively intact older adults. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 75.	3.0	24
50	TDP-43 interacts with pathological I α protein in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2021, 141, 795-799.	3.9	19
51	Sequence of proteome profiles in preclinical and symptomatic Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021, 17, 946-958.	0.4	16
52	Prognostic value of amyloid/tau/neurodegeneration (ATN) classification based on diagnostic cerebrospinal fluid samples for Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 84.	3.0	26
53	Plasma Neurofilament Light for Prediction of Disease Progression in Familial Frontotemporal Lobar Degeneration. <i>Neurology</i> , 2021, 96, e2296-e2312.	1.5	52
54	TMEM106B and CPOX are genetic determinants of cerebrospinal fluid Alzheimer's disease biomarker levels. <i>Alzheimer's and Dementia</i> , 2021, 17, 1628-1640.	0.4	23

#	ARTICLE	IF	CITATIONS
55	Characterizing the Clinical Features and Atrophy Patterns of <i>MAPT</i> -Related Frontotemporal Dementia With Disease Progression Modeling. <i>Neurology</i> , 2021, 97, e941-e952.	1.5	29
56	Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. <i>Nature Communications</i> , 2021, 12, 3417.	5.8	140
57	The Revised Self-Monitoring Scale detects early impairment of social cognition in genetic frontotemporal dementia within the GENFI cohort. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 127.	3.0	12
58	CSF Proteomic Alzheimer's Disease-Predictive Subtypes in Cognitively Intact Amyloid Negative Individuals. <i>Proteomes</i> , 2021, 9, 36.	1.7	9
59	Family-based exome sequencing identifies RBM45 as a possible candidate gene for frontotemporal dementia and amyotrophic lateral sclerosis. <i>Neurobiology of Disease</i> , 2021, 156, 105421.	2.1	2
60	Posterior Intraparietal Sulcus Mediates Detection of Salient Stimuli Outside the Endogenous Focus of Attention. <i>Cerebral Cortex</i> , 2021, , .	1.6	0
61	Lower regional gray matter volume in the absence of higher cortical amyloid burden in late-life depression. <i>Scientific Reports</i> , 2021, 11, 15981.	1.6	13
62	Effect of the Histone Deacetylase Inhibitor FRM-0334 on Progranulin Levels in Patients With Progranulin Gene Haploinsufficiency. <i>JAMA Network Open</i> , 2021, 4, e2125584.	2.8	18
63	Changes in the language system as amyloid- β^2 accumulates. <i>Brain</i> , 2021, 144, 3756-3768.	3.7	9
64	Dissemination in time and space in presymptomatic granulin mutation carriers: a GENFI spatial chronectome study. <i>Neurobiology of Aging</i> , 2021, 108, 155-167.	1.5	3
65	Premature termination codon mutations in ABCA7 contribute to Alzheimer's disease risk in Belgian patients. <i>Neurobiology of Aging</i> , 2021, 106, 307.e1-307.e7.	1.5	10
66	Differential early subcortical involvement in genetic FTD within the GENFI cohort. <i>NeuroImage: Clinical</i> , 2021, 30, 102646.	1.4	28
67	Disease-related cortical thinning in presymptomatic granulin mutation carriers. <i>NeuroImage: Clinical</i> , 2021, 29, 102540.	1.4	8
68	Maturation of neuronal AD-tau pathology involves site-specific phosphorylation of cytoplasmic and synaptic tau preceding conformational change and fibril formation. <i>Acta Neuropathologica</i> , 2021, 141, 173-192.	3.9	35
69	Sex-Specific Metabolic Pathways Were Associated with Alzheimer's Disease (AD) Endophenotypes in the European Medical Information Framework for AD Multimodal Biomarker Discovery Cohort. <i>Biomedicine</i> , 2021, 9, 1610.	1.4	7
70	A panel of CSF proteins separates genetic frontotemporal dementia from presymptomatic mutation carriers: a GENFI study. <i>Molecular Neurodegeneration</i> , 2021, 16, 79.	4.4	9
71	Longitudinal changes in the brain language system as amyloid accumulates. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
72	Pattern of progression in <i>MAPT</i> -related frontotemporal dementia: Results from the GENFI study. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0

#	ARTICLE	IF	CITATIONS
73	Prognostic value of amyloid/tau/neurodegeneration (ATN) classification based on diagnostic cerebrospinal fluid samples for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
74	Detecting clinical progression from abnormal regional brain volumes at baseline in genetic frontotemporal dementia: A GENFI study. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
75	A data-driven disease progression model of fluid biomarkers in genetic FTD. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
76	Differential synaptic marker involvement in the different genetic forms of frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	1
77	Interval-specific likelihood ratios for improving differential diagnosis of Alzheimer's disease using biomarkers in cerebrospinal fluid. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
78	Current status and quantitative results of the AMYPAD prognostic and natural history study. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
79	From brain volumes to subgroup classification in genetic mutation carriers for frontotemporal dementia: A cluster analysis in the GENFI study. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
80	Rare missense mutations and compound heterozygous mutations in <i>ABCA7</i> contribute to Alzheimer's disease in Belgian patients. <i>Alzheimer's and Dementia</i> , 2021, 17, e051341.	0.4	0
81	Assessment of Alzheimer's disease polygenic risk score on longitudinal amyloid accumulation in cognitively intact older adults. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e055201.	0.4	0
82	Genotype-phenotype of PSEN1 p.CYS263PHE carriers in Flanders-Belgian Alzheimer's disease patients. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e055244.	0.4	0
83	Multivariate analysis reveals anatomical correlates of naming errors in primary progressive aphasia. <i>Neurobiology of Aging</i> , 2020, 88, 71-82.	1.5	21
84	Binding of [18F]AV1451 in post mortem brain slices of semantic variant primary progressive aphasia patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1949-1960.	3.3	11
85	Age at symptom onset and death and disease duration in genetic frontotemporal dementia: an international retrospective cohort study. <i>Lancet Neurology</i> , The, 2020, 19, 145-156.	4.9	175
86	Metabolic Correlates of Dopaminergic Loss in Dementia with Lewy Bodies. <i>Movement Disorders</i> , 2020, 35, 595-605.	2.2	42
87	Necrosome complex detected in granulovacuolar degeneration is associated with neuronal loss in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2020, 139, 463-484.	3.9	91
88	Genome-wide association study of Alzheimer's disease CSF biomarkers in the EMIF-AD Multimodal Biomarker Discovery dataset. <i>Translational Psychiatry</i> , 2020, 10, 403.	2.4	42
89	Comparison of ELISA- and SIMOA-based quantification of plasma A β 2 ratios for early detection of cerebral amyloidosis. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 162.	3.0	58
90	Combination of snapshot hyperspectral retinal imaging and optical coherence tomography to identify Alzheimer's disease patients. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 144.	3.0	29

#	ARTICLE	IF	CITATIONS
91	Early symptoms in symptomatic and preclinical genetic frontotemporal lobar degeneration. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 975-984.	0.9	25
92	Abnormal pain perception is associated with thalamo-cortico-striatal atrophy in <i>C9orf72</i> expansion carriers in the GENFI cohort. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1325-1328.	0.9	12
93	Reproducibility of graph measures at the subject level using resting-state fMRI. <i>Brain and Behavior</i> , 2020, 10, 2336-2351.	1.0	13
94	Dickkopf-1 Overexpression in vitro Nominates Candidate Blood Biomarkers Relating to Alzheimer's Disease Pathology. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1353-1368.	1.2	7
95	Dipeptide repeat protein and TDP-43 pathology along the hypothalamic-pituitary axis in <i>C9orf72</i> and non- <i>C9orf72</i> ALS and FTLD-TDP cases. <i>Acta Neuropathologica</i> , 2020, 140, 777-781.	3.9	8
96	Amyloid- β 43 cerebrospinal fluid levels and the interpretation of APP, PSEN1 and PSEN2 mutations. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 108.	3.0	17
97	Analysis of brain atrophy and local gene expression in genetic frontotemporal dementia. <i>Brain Communications</i> , 2020, 2, .	1.5	20
98	Identification of plasma proteome signatures associated with ATN framework using SOMAscan. <i>Alzheimer's and Dementia</i> , 2020, 16, e036954.	0.4	1
99	Recessive missense variants in <i>VWA2</i> increase risk of developing Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e039791.	0.4	0
100	<i>ABCA7</i> PTC mutation carriers present with Alzheimer's disease pathology and cerebral amyloid angiopathy. <i>Alzheimer's and Dementia</i> , 2020, 16, e041513.	0.4	0
101	Differential involvement of limbic and paralimbic cortex in episodic memory processing in cognitive aging and neurodegeneration. <i>Alzheimer's and Dementia</i> , 2020, 16, e044516.	0.4	0
102	Longitudinal changes in [18 F]Flutemetamol load in cognitively intact APOE ϵ 4 carriers vs noncarriers: Comparison of three reference regions. <i>Alzheimer's and Dementia</i> , 2020, 16, e044534.	0.4	0
103	Classification of 18 F-flutemetamol scans using machine learning with neuropathology as standard of truth. <i>Alzheimer's and Dementia</i> , 2020, 16, e044550.	0.4	0
104	Left frontal white matter atrophy links to timing mechanisms relevant for apraxia of speech. <i>Alzheimer's and Dementia</i> , 2020, 16, e044713.	0.4	1
105	Comparison of two analytical platforms for blood-based surrogate biomarkers of amyloid pathology. <i>Alzheimer's and Dementia</i> , 2020, 16, e045110.	0.4	0
106	Synaptic proteins relate to memory scores in preclinical Alzheimer's disease and cognitively healthy controls depending on amyloid. <i>Alzheimer's and Dementia</i> , 2020, 16, e046102.	0.4	0
107	A family-based genetic study identifies mutations in <i>TLR9</i> impairing receptor activation: A role for innate immunity in AD pathogenesis. <i>Alzheimer's and Dementia</i> , 2020, 16, e047212.	0.4	2
108	Hierarchical involvement of molecular players in human neocortex in the course of preclinical and symptomatic Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e047351.	0.4	0

#	ARTICLE	IF	CITATIONS
109	Representation of associative and affective semantic similarity of abstract words in the lateral temporal perisylvian language regions. <i>NeuroImage</i> , 2020, 217, 116892.	2.1	8
110	Use of Multimodal Imaging and Clinical Biomarkers in Presymptomatic Carriers of <i>C9orf72</i> Repeat Expansion. <i>JAMA Neurology</i> , 2020, 77, 1008.	4.5	45
111	Validation of Plasma Proteomic Biomarkers Relating to Brain Amyloid Burden in the EMIF-Alzheimer's Disease Multimodal Biomarker Discovery Cohort. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 213-225.	1.2	13
112	APOE ϵ 4 genotype-dependent cerebrospinal fluid proteomic signatures in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 65.	3.0	28
113	Recommendations to distinguish behavioural variant frontotemporal dementia from psychiatric disorders. <i>Brain</i> , 2020, 143, 1632-1650.	3.7	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. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2142-2154.	3.3	25
115	Plasma glial fibrillary acidic protein is raised in progranulin-associated frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 263-270.	0.9	106
116	Distinct molecular patterns of TDP-43 pathology in Alzheimer's disease: relationship with clinical phenotypes. <i>Acta Neuropathologica Communications</i> , 2020, 8, 61.	2.4	58
117	Neuronal pentraxin 2: a synapse-derived CSF biomarker in genetic frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 612-621.	0.9	55
118	Faster Cortical Thinning and Surface Area Loss in Presymptomatic and Symptomatic <i>C9orf72</i> Repeat Expansion Adult Carriers. <i>Annals of Neurology</i> , 2020, 88, 113-122.	2.8	19
119	The European Reference Network for Rare Neurological Diseases. <i>Frontiers in Neurology</i> , 2020, 11, 616569.	1.1	26
120	Social cognition impairment in genetic frontotemporal dementia within the GENFI cohort. <i>Cortex</i> , 2020, 133, 384-398.	1.1	26
121	Pathophysiological subtypes of Alzheimer's disease based on cerebrospinal fluid proteomics. <i>Brain</i> , 2020, 143, 3776-3792.	3.7	89
122	Brain Imaging of Alzheimer Dementia Patients and Elderly Controls with ¹⁸ F-MK-6240, a PET Tracer Targeting Neurofibrillary Tangles. <i>Journal of Nuclear Medicine</i> , 2019, 60, 107-114.	2.8	92
123	$\text{A}\beta$ -induced acceleration of Alzheimer-related τ -pathology spreading and its association with prion protein. <i>Acta Neuropathologica</i> , 2019, 138, 913-941.	3.9	75
124	Serum neurofilament light chain in genetic frontotemporal dementia: a longitudinal, multicentre cohort study. <i>Lancet Neurology</i> , The, 2019, 18, 1103-1111.	4.9	128
125	Serum neurofilament heavy chains as early marker of motor neuron degeneration. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1971-1979.	1.7	29
126	Discovery and validation of plasma proteomic biomarkers relating to brain amyloid burden by SOMAscan assay. <i>Alzheimer's and Dementia</i> , 2019, 15, 1478-1488.	0.4	46

#	ARTICLE	IF	CITATIONS
127	The inner fluctuations of the brain in presymptomatic Frontotemporal Dementia: The chronnectome fingerprint. <i>NeuroImage</i> , 2019, 189, 645-654.	2.1	33
128	Redefining the resolution of semantic knowledge in the brain: Advances made by the introduction of models of semantics in neuroimaging. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 103, 3-13.	2.9	36
129	Clinical value of cerebrospinal fluid neurofilament light chain in semantic dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 997-1004.	0.9	19
130	Education modulates brain maintenance in presymptomatic frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 1124-1130.	0.9	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. <i>Alzheimer's and Dementia</i> , 2019, 15, 817-827.	0.4	62
132	The medial temporal written word processing system. <i>Cortex</i> , 2019, 119, 287-300.	1.1	10
133	Inflammatory biomarkers in Alzheimer's disease plasma. <i>Alzheimer's and Dementia</i> , 2019, 15, 776-787.	0.4	134
134	An ALS case with 38 (G4C2)-repeats in the C9orf72 gene shows TDP-43 and sparse dipeptide repeat protein pathology. <i>Acta Neuropathologica</i> , 2019, 137, 855-858.	3.9	12
135	Cerebrospinal fluid biomarkers of neurodegeneration, synaptic integrity, and astroglial activation across the clinical Alzheimer's disease spectrum. <i>Alzheimer's and Dementia</i> , 2019, 15, 644-654.	0.4	90
136	Loss of DPP6 in neurodegenerative dementia: a genetic player in the dysfunction of neuronal excitability. <i>Acta Neuropathologica</i> , 2019, 137, 901-918.	3.9	37
137	Stakeholders' Views on Early Diagnosis for Alzheimer's Disease, Clinical Trial Participation and Amyloid PET Disclosure: A Focus Group Study. <i>Journal of Bioethical Inquiry</i> , 2019, 16, 45-59.	0.9	10
138	Metabolic patterns across core features in dementia with lewy bodies. <i>Annals of Neurology</i> , 2019, 85, 715-725.	2.8	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. <i>Journal of Neurochemistry</i> , 2019, 149, 139-157.	2.1	10
140	Discovery of N -(4-[^{18}F]Fluoro-5-methylpyridin-2-yl)isoquinolin-6-amine (JNJ-64326067), a New Promising Tau Positron Emission Tomography Imaging Tracer. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2974-2987.	2.9	24
141	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates β , tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019, 51, 414-430.	9.4	1,962
142	Left perirhinal cortex codes for semantic similarity between written words defined from cued word association. <i>NeuroImage</i> , 2019, 191, 127-139.	2.1	18
143	Different aspects of Alzheimer's disease-related amyloid β -peptide pathology and their relationship to amyloid positron emission tomography imaging and dementia. <i>Acta Neuropathologica Communications</i> , 2019, 7, 178.	2.4	29
144	A metabolite-based machine learning approach to diagnose Alzheimer's type dementia in blood: Results from the European Medical Information Framework for Alzheimer disease biomarker discovery cohort. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019, 5, 933-938.	1.8	70

#	ARTICLE	IF	CITATIONS
145	Circadian sleep/wake-associated cells show dipeptide repeat protein aggregates in C9orf72-related ALS and FTLN cases. <i>Acta Neuropathologica Communications</i> , 2019, 7, 189.	2.4	22
146	White matter hyperintensities in progranulin-associated frontotemporal dementia: A longitudinal GENFI study. <i>NeuroImage: Clinical</i> , 2019, 24, 102077.	1.4	27
147	Clinical variability and onset age modifiers in an extended Belgian GRN founder family. <i>Neurobiology of Aging</i> , 2018, 67, 84-94.	1.5	17
148	A Time-Varying Connectivity Analysis from Distributed EEG Sources: A Simulation Study. <i>Brain Topography</i> , 2018, 31, 721-737.	0.8	29
149	Automation on an Open-Access Platform of Alzheimer's Disease Biomarker Immunoassays. <i>SLAS Technology</i> , 2018, 23, 188-197.	1.0	5
150	Attention Shifts Recruit the Monkey Default Mode Network. <i>Journal of Neuroscience</i> , 2018, 38, 1202-1217.	1.7	37
151	Extended FTLN pedigree segregating a Belgian GRN-null mutation: neuropathological heterogeneity in one family. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 7.	3.0	10
152	Randomized Trial of Verubecestat for Mild-to-Moderate Alzheimer's Disease. <i>New England Journal of Medicine</i> , 2018, 378, 1691-1703.	13.9	512
153	An intronic VNTR affects splicing of ABCA7 and increases risk of Alzheimer's disease. <i>Acta Neuropathologica</i> , 2018, 135, 827-837.	3.9	68
154	Prevalence of the apolipoprotein E ϵ 4 allele in amyloid β positive subjects across the spectrum of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2018, 14, 913-924.	0.4	58
155	Rare nonsynonymous variants in SORT1 are associated with increased risk for frontotemporal dementia. <i>Neurobiology of Aging</i> , 2018, 66, 181.e3-181.e10.	1.5	19
156	Review of the Ethical Issues of a Biomarker-Based Diagnoses in the Early Stage of Alzheimer's Disease. <i>Journal of Bioethical Inquiry</i> , 2018, 15, 219-230.	0.9	33
157	NEK1 genetic variability in a Belgian cohort of ALS and ALS-FTD patients. <i>Neurobiology of Aging</i> , 2018, 61, 255.e1-255.e7.	1.5	32
158	Association of Cerebral Amyloid- β Aggregation With Cognitive Functioning in Persons Without Dementia. <i>JAMA Psychiatry</i> , 2018, 75, 84.	6.0	133
159	Common and rare TBK1 variants in early-onset Alzheimer disease in a European cohort. <i>Neurobiology of Aging</i> , 2018, 62, 245.e1-245.e7.	1.5	16
160	P3128: EXPLORING THE MOLECULAR MECHANISM OF NEURONAL HYPEREXCITABILITY IN DEMENTIA. <i>Alzheimer's and Dementia</i> , 2018, 14, P1116.	0.4	0
161	O31003: A POLYGENIC AD RISK SCORE PREDICTS AMYLOID ACCUMULATION OVER A 6-YEAR INTERVAL IN COGNITIVELY INTACT OLDER ADULTS. <i>Alzheimer's and Dementia</i> , 2018, 14, P1041.	0.4	0
162	IC1068: A POLYGENIC AD RISK SCORE PREDICTS AMYLOID ACCUMULATION OVER A 6-YEAR INTERVAL IN COGNITIVELY INTACT OLDER ADULTS. <i>Alzheimer's and Dementia</i> , 2018, 14, P61.	0.4	0

#	ARTICLE	IF	CITATIONS
163	Prevalence of amyloid- β pathology in distinct variants of primary progressive aphasia. <i>Annals of Neurology</i> , 2018, 84, 729-740.	2.8	132
164	MRI predictors of amyloid pathology: results from the EMIF-AD Multimodal Biomarker Discovery study. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 100.	3.0	64
165	From information to follow-up: Ethical recommendations to facilitate the disclosure of amyloid PET scan results in a research setting. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2018, 4, 243-251.	1.8	13
166	Single-word comprehension deficits in the nonfluent variant of primary progressive aphasia. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 68.	3.0	16
167	Amyloid- β , Tau, and Cognition in Cognitively Normal Older Individuals: Examining the Necessity to Adjust for Biomarker Status in Normative Data. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 193.	1.7	16
168	Distinct [18 F]THK5351 binding patterns in primary progressive aphasia variants. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 2342-2357.	3.3	16
169	The EMIF-AD Multimodal Biomarker Discovery study: design, methods and cohort characteristics. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 64.	3.0	62
170	No supportive evidence for TIA1 gene mutations in a European cohort of ALS-FTD spectrum patients. <i>Neurobiology of Aging</i> , 2018, 69, 293.e9-293.e11.	1.5	15
171	Quantitative Analyses Help in Choosing Between Simultaneous vs. Separate EEG and fMRI. <i>Frontiers in Neuroscience</i> , 2018, 12, 1009.	1.4	8
172	Asymmetric Amyloid Deposition in the Brain Following Unilateral Electroconvulsive Therapy. <i>Biological Psychiatry</i> , 2017, 81, e11-e13.	0.7	4
173	Investigating the role of ALS genes CHCHD10 and TUBA4A in Belgian FTD-ALS spectrum patients. <i>Neurobiology of Aging</i> , 2017, 51, 177.e9-177.e16.	1.5	60
174	Active A β immunotherapy CAD106 in Alzheimer's disease: A phase 2b study. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 10-22.	1.8	102
175	Preclinical Evaluation of 18 F-JNJ64349311, a Novel PET Tracer for Tau Imaging. <i>Journal of Nuclear Medicine</i> , 2017, 58, 975-981.	2.8	72
176	Cross-modal representation of spoken and written word meaning in left pars triangularis. <i>NeuroImage</i> , 2017, 150, 292-307.	2.1	42
177	Consensus classification of posterior cortical atrophy. <i>Alzheimer's and Dementia</i> , 2017, 13, 870-884.	0.4	423
178	Clinical Evidence of Disease Anticipation in Families Segregating a C9orf72 Repeat Expansion. <i>JAMA Neurology</i> , 2017, 74, 445.	4.5	56
179	Neurofilament markers for ALS correlate with extent of upper and lower motor neuron disease. <i>Neurology</i> , 2017, 88, 2302-2309.	1.5	169
180	Functional Similarity of Medial Superior Parietal Areas for Shift-Selective Attention Signals in Humans and Monkeys. <i>Cerebral Cortex</i> , 2017, 28, 1-15.	1.6	31

#	ARTICLE	IF	CITATIONS
181	The frequency and influence of dementia risk factors in prodromal Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 56, 33-40.	1.5	27
182	<i>TBK1</i> Mutation Spectrum in an Extended European Patient Cohort with Frontotemporal Dementia and Amyotrophic Lateral Sclerosis. <i>Human Mutation</i> , 2017, 38, 297-309.	1.1	87
183	Cholinergic depletion and basal forebrain volume in primary progressive aphasia. <i>NeuroImage: Clinical</i> , 2017, 13, 271-279.	1.4	22
184	Memory Correlates of Alzheimer's Disease Cerebrospinal Fluid Markers: A Longitudinal Cohort Study. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 1119-1128.	1.2	27
185	Knowing your enemy: from post-mortem scene reconstruction to real-time monitoring of the spread of tau and amyloid. <i>Brain</i> , 2017, 140, 1179-1182.	3.7	0
186	Rare coding variants in <i>PLCG2</i> , <i>ABI3</i> , and <i>TREM2</i> implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017, 49, 1373-1384.	9.4	783
187	Performance of [¹⁸ F]flutemetamol amyloid imaging against the neuritic plaque component of CERAD and the current (2012) NIA-AA recommendations for the neuropathologic diagnosis of Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 9, 25-34.	1.2	57
188	Moral processing deficit in behavioral variant frontotemporal dementia is associated with facial emotion recognition and brain changes in default mode and salience network areas. <i>Brain and Behavior</i> , 2017, 7, e00843.	1.0	20
189	[P4]: SYMPTOM ONSET IN GENETIC FRONTOTEMPORAL DEMENTIA. <i>Alzheimer's and Dementia</i> , 2017, 13, P1337.	0.4	2
190	Hierarchical spectral clustering of MRI for global-to-local shape analysis: Applied to brain variations in Alzheimer's disease. , 2017, , .		4
191	Amnestic MCI Patients' Perspectives toward Disclosure of Amyloid PET Results in a Research Context. <i>Neuroethics</i> , 2017, 10, 281-297.	1.7	19
192	Corpus callosum macro and microstructure in late-life depression. <i>Journal of Affective Disorders</i> , 2017, 222, 63-70.	2.0	27
193	No Association of Lower Hippocampal Volume With Alzheimer's Disease Pathology in Late-Life Depression. <i>American Journal of Psychiatry</i> , 2017, 174, 237-245.	4.0	59
194	Comparison of Different Generalizations of Clustering Coefficient and Local Efficiency for Weighted Undirected Graphs. <i>Neural Computation</i> , 2017, 29, 313-331.	1.3	58
195	[P3]: VISUAL READING OF AMYLOID PET IN MCI CHALLENGED: SHOULD WE CONSIDER ALTERNATIVE METHODS?. <i>Alzheimer's and Dementia</i> , 2017, 13, P1107.	0.4	0
196	[P1]: ENRICHMENT OF AMYLOID POSITIVE SAMPLES BY PET FROM EARLY SYMPTOMATIC AND PRODROMAL COHORT. <i>Alzheimer's and Dementia</i> , 2017, 13, P293.	0.4	0
197	[P1]: DISCOVERY, REPLICATION AND EXTENSION STUDY OF PLASMA PROTEOMIC BIOMARKERS RELATING TO BRAIN AMYLOID BURDEN (CSF A β 2 OR AMYLOID PET) IN THE EMIFAD BIOMARKER DISCOVERY COHORT. <i>Alzheimer's and Dementia</i> , 2017, 13, P361.	0.4	0
198	[P2]: TRANSCRIPTOME ANALYSIS IN BLOOD AND BRAIN IDENTIFIES GENE EXPRESSION REGULATION AND CORRESPONDING QUANTITATIVE TRAIT LOCI IN ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P651.	0.4	0

#	ARTICLE	IF	CITATIONS
199	[P2â€“212]: EUROPEAN MEDICAL INFORMATION FRAMEWORK FOR ALZHEIMER'S DISEASE (EMIFâ€“AD): THE BIOMARKER DISCOVERY STUDY. <i>Alzheimer's and Dementia</i> , 2017, 13, P691.	0.4	1
200	Electrocorticography of Spatial Shifting and Attentional Selection in Human Superior Parietal Cortex. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 240.	1.0	6
201	Representation of Semantic Similarity in the Left Intraparietal Sulcus: Functional Magnetic Resonance Imaging Evidence. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 402.	1.0	9
202	Amnesic MCI patientsâ€™ experiences after disclosure of their amyloid PET result in a research context. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 92.	3.0	25
203	Amnesic MCI Patientsâ€™ Perspectives on Volunteer Participation in a Research Context. <i>Journal of Clinical Research & Bioethics</i> , 2017, 08, .	0.2	2
204	Drug Development in Alzheimerâ€™s Disease: The Contribution of PET and SPECT. <i>Frontiers in Pharmacology</i> , 2016, 7, 88.	1.6	22
205	Comparison of New Tau PET-Tracer Candidates With [¹⁸ F]T808 and [¹⁸ F]T807. <i>Molecular Imaging</i> , 2016, 15, 153601211562492.	0.7	37
206	P1-350: 3D-Shape Perception in Amnesic Mild Cognitive Impairment. , 2016, 12, P563-P564.		0
207	P4â€“122: Prevalence of Vascular Risk Factors in Different Stages of Prodromal Alzheimerâ€™s Disease and Its Influence on Cognitive Decline. <i>Alzheimer's and Dementia</i> , 2016, 12, P1059.	0.4	0
208	P1-319: The Effect of Gray Matter Volume and Amyloid Load on Normal Cognitive Performance in Cognitively Intact Older Adults. , 2016, 12, P547-P547.		0
209	P4â€“126: Evaluation of a Novel Array of SNP (Single Nucleotide Polymorphism) Markers in Amyloidâ€“PET Stratified Samples from MCI and Cognitively Normal Individuals. <i>Alzheimer's and Dementia</i> , 2016, 12, P1061.	0.4	0
210	Phenotypic characteristics of Alzheimer patients carrying an <i>ABCA7</i> mutation. <i>Neurology</i> , 2016, 86, 2126-2133.	1.5	29
211	Core auditory processing deficits in primary progressive aphasia. <i>Brain</i> , 2016, 139, 1817-1829.	3.7	60
212	Monitoring the progression of Alzheimerâ€™s disease with ¹⁸ F-PET: Table 1. <i>Brain</i> , 2016, 139, 1318-1320.	3.7	5
213	Functional dissociation between anterior temporal lobe and inferior frontal gyrus in the processing of dynamic body expressions: Insights from behavioral variant frontotemporal dementia. <i>Human Brain Mapping</i> , 2016, 37, 4472-4486.	1.9	39
214	Neurofilament light chain: a biomarker for genetic frontotemporal dementia. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 623-636.	1.7	207
215	Bapineuzumab for mild to moderate Alzheimerâ€™s disease in two global, randomized, phase 3 trials. <i>Alzheimer's Research and Therapy</i> , 2016, 8, 18.	3.0	208
216	Face shape and face identity processing in behavioral variant fronto-temporal dementia: A specific deficit for familiarity and name recognition of famous faces. <i>NeuroImage: Clinical</i> , 2016, 11, 368-377.	1.4	11

#	ARTICLE	IF	CITATIONS
217	Classification of the primary progressive aphasia: principles and review of progress since 2011. <i>Alzheimer's Research and Therapy</i> , 2016, 8, 16.	3.0	49
218	Amygdala atrophy affects emotion-related activity in face-responsive regions in frontotemporal degeneration. <i>Cortex</i> , 2016, 82, 179-191.	1.1	34
219	Clinical features of <i>TBK1</i> carriers compared with <i>C9orf72</i> , <i>GRN</i> and non-mutation carriers in a Belgian cohort. <i>Brain</i> , 2016, 139, 452-467.	3.7	86
220	Functional Changes in the Language Network in Response to Increased Amyloid β^2 Deposition in Cognitively Intact Older Adults. <i>Cerebral Cortex</i> , 2016, 26, 358-373.	1.6	29
221	Neurosyphilis mimicking young-onset Alzheimer's disease: a case report explaining the pitfalls of FDG-PET. <i>Acta Neurologica Belgica</i> , 2016, 116, 207-210.	0.5	6
222	Amyloid imaging in cognitively normal older adults: comparison between ^{18}F -flutemetamol and ^{11}C -Pittsburgh compound B. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 142-151.	3.3	41
223	The spectrum of epilepsy caused by <i>POLG</i> mutations. <i>Acta Neurologica Belgica</i> , 2016, 116, 17-25.	0.5	17
224	O4-03-01: Early detection of Alzheimer's disease (AD)-related amyloid and tau pathology: A computerized versus a paper-and-pencil memory test. , 2015, 11, P272-P272.		0
225	Rare Variants in <i>PLD3</i> Do Not Affect Risk for Early-Onset Alzheimer Disease in a European Consortium Cohort. <i>Human Mutation</i> , 2015, 36, 1226-1235.	1.1	23
226	P3-147: Brain amyloidosis is associated with worse cognitive performance in both the cognitively normal and impaired stages: A ^{18}F -flutemetamol PET study. , 2015, 11, P682-P683.		0
227	IC-P-019: Brain amyloidosis is associated with worse cognitive performance in both the cognitively normal and impaired stages: A ^{18}F -flutemetamol PET study. , 2015, 11, P23-P24.		0
228	Investigating the role of filamin C in Belgian patients with frontotemporal dementia linked to <i>GRN</i> deficiency in FTLD-TDP brains. <i>Acta Neuropathologica Communications</i> , 2015, 3, 68.	2.4	13
229	Diagnostic value of cerebrospinal fluid $\text{A}\beta^2$ ratios in preclinical Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 75.	3.0	47
230	Covert Shifts of Spatial Attention in the Macaque Monkey. <i>Journal of Neuroscience</i> , 2015, 35, 7695-7714.	1.7	64
231	P3-017: Rare variants in <i>PLD3</i> do not increase risk in a Belgian cohort of early-onset Alzheimer dementia patients. , 2015, 11, P626-P626.		0
232	O2-10-03: In vivo characterization of basal forebrain atrophy and cholinergic denervation in primary progressive aphasia. , 2015, 11, P198-P198.		0
233	P4-194: The identification of high-penetrant loss-of-function mutations in <i>abca7</i> in Alzheimer's disease. , 2015, 11, P854-P854.		0
234	DT-02-01: Loss-of-function mutations in <i>TBK1</i> are frequently associated with frontotemporal lobar degeneration in a Belgian patient cohort. , 2015, 11, P333-P333.		0

#	ARTICLE	IF	CITATIONS
235	Comparison of different Kalman filter approaches in deriving time varying connectivity from EEG data. , 2015, 2015, 2199-202.		12
236	Restoration of Progranulin Expression Rescues Cortical Neuron Generation in an Induced Pluripotent Stem Cell Model of Frontotemporal Dementia. Stem Cell Reports, 2015, 4, 16-24.	2.3	62
237	Clinical utility and applicability of biomarker-based diagnostic criteria for Alzheimer's disease: a BeDeCo survey. Acta Neurologica Belgica, 2015, 115, 547-555.	0.5	7
238	Mutations in ABCA7 in a Belgian cohort of Alzheimer's disease patients: a targeted resequencing study. Lancet Neurology, The, 2015, 14, 814-822.	4.9	124
239	A single nucleotide polymorphism Alzheimer's disease risk score correlates with family history, onset age, and cerebrospinal fluid A β ₄₂ . Alzheimer's and Dementia, 2015, 11, 1452-1460.	0.4	96
240	Impaired recognition of body expressions in the behavioral variant of frontotemporal dementia. Neuropsychologia, 2015, 75, 496-504.	0.7	47
241	Genetic variability in SQSTM1 and risk of early-onset Alzheimer dementia: a European early-onset dementia consortium study. Neurobiology of Aging, 2015, 36, 2005.e15-2005.e22.	1.5	34
242	Prevalence of Cerebral Amyloid Pathology in Persons Without Dementia. JAMA - Journal of the American Medical Association, 2015, 313, 1924.	3.8	1,166
243	Prevalence of Amyloid PET Positivity in Dementia Syndromes. JAMA - Journal of the American Medical Association, 2015, 313, 1939.	3.8	501
244	Phase 3 Trial of Flutemetamol Labeled With Radioactive Fluorine 18 Imaging and Neuritic Plaque Density. JAMA Neurology, 2015, 72, 287.	4.5	238
245	3D Shape Perception in Posterior Cortical Atrophy: A Visual Neuroscience Perspective. Journal of Neuroscience, 2015, 35, 12673-12692.	1.7	27
246	Reduced secreted clusterin as a mechanism for Alzheimer-associated CLU mutations. Molecular Neurodegeneration, 2015, 10, 30.	4.4	46
247	Parametric imaging and quantitative analysis of the PET amyloid ligand [18 F]flutemetamol. NeuroImage, 2015, 121, 184-192.	2.1	22
248	Loss of TBK1 is a frequent cause of frontotemporal dementia in a Belgian cohort. Neurology, 2015, 85, 2116-2125.	1.5	151
249	Left perirhinal cortex codes for similarity in meaning between written words: Comparison with auditory word input. Neuropsychologia, 2015, 76, 4-16.	0.7	34
250	Separation of β -amyloid binding and white matter uptake of (18)F-flutemetamol using spectral analysis. American Journal of Nuclear Medicine and Molecular Imaging, 2015, 5, 515-26.	1.0	5
251	Reproducibility and Robustness of Graph Measures of the Associative-Semantic Network. PLoS ONE, 2014, 9, e115215.	1.1	10
252	Automated Quantification of ¹⁸ F-Flutemetamol PET Activity for Categorizing Scans as Negative or Positive for Brain Amyloid: Concordance with Visual Image Reads. Journal of Nuclear Medicine, 2014, 55, 1623-1628.	2.8	174

#	ARTICLE	IF	CITATIONS
253	Investigating the role of rare heterozygous TREM2 variants in Alzheimer's disease and frontotemporal dementia. <i>Neurobiology of Aging</i> , 2014, 35, 726.e11-726.e19.	1.5	158
254	The Relationship between Amyloid Deposition, Neurodegeneration, and Cognitive Decline in Dementia. <i>Current Neurology and Neuroscience Reports</i> , 2014, 14, 498.	2.0	13
255	Noun and knowledge retrieval for biological and non-biological entities following right occipitotemporal lesions. <i>Neuropsychologia</i> , 2014, 62, 163-174.	0.7	9
256	Rare mutations in SQSTM1 modify susceptibility to frontotemporal lobar degeneration. <i>Acta Neuropathologica</i> , 2014, 128, 397-410.	3.9	93
257	3D shape perception in strabismus subjects. <i>Acta Ophthalmologica</i> , 2014, 92, 0-0.	0.6	0
258	Cytoarchitectonic mapping of attentional selection and reorienting in parietal cortex. <i>NeuroImage</i> , 2013, 67, 257-272.	2.1	33
259	A European multicentre PET study of fibrillar amyloid in Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 104-114.	3.3	170
260	O3-04-01: Impairments of 3D visual perception in posterior cortical atrophy: Psychophysical, structural and functional anatomical basis. , 2013, 9, P524-P524.		0
261	Complement receptor 1 coding variant p.Ser1610Thr in Alzheimer's disease and related endophenotypes. <i>Neurobiology of Aging</i> , 2013, 34, 2235.e1-2235.e6.	1.5	21
262	Amyloid positron emission tomography with ¹⁸ F-flutemetamol and structural magnetic resonance imaging in the classification of mild cognitive impairment and Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2013, 9, 295-301.	0.4	51
263	Increased expression of BIN1 mediates Alzheimer genetic risk by modulating tau pathology. <i>Molecular Psychiatry</i> , 2013, 18, 1225-1234.	4.1	321
264	The associative-semantic network for words and pictures: Effective connectivity and graph analysis. <i>Brain and Language</i> , 2013, 127, 264-272.	0.8	40
265	Glucose metabolism in nine patients with probable sporadic Creutzfeldt-Jakob disease: FDG-PET study using SPM and individual patient analysis. <i>Journal of Neurology</i> , 2013, 260, 3055-3064.	1.8	23
266	Spatial Stimulus Configuration and Attentional Selection: Extrastriate and Superior Parietal Interactions. <i>Cerebral Cortex</i> , 2013, 23, 2840-2854.	1.6	9
267	A Pan-European Study of the C9orf72 Repeat Associated with FTL: Geographic Prevalence, Genomic Instability, and Intermediate Repeats. <i>Human Mutation</i> , 2013, 34, 363-373.	1.1	247
268	Polymorphism of brain derived neurotrophic factor influences β amyloid load in cognitively intact apolipoprotein E μ 4 carriers. <i>NeuroImage: Clinical</i> , 2013, 2, 512-520.	1.4	47
269	Amyloid imaging in cognitively normal individuals, at-risk populations and preclinical Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2013, 2, 356-365.	1.4	297
270	APP Processing in Human Pluripotent Stem Cell-Derived Neurons Is Resistant to NSAID-Based β -Secretase Modulation. <i>Stem Cell Reports</i> , 2013, 1, 491-498.	2.3	58

#	ARTICLE	IF	CITATIONS
271	CSF biomarker variability in the Alzheimer's Association quality control program. <i>Alzheimer's and Dementia</i> , 2013, 9, 251-261.	0.4	344
272	Explorative genetic study of UBQLN2 and PFN1 in an extended Flanders-Belgian cohort of frontotemporal lobar degeneration patients. <i>Neurobiology of Aging</i> , 2013, 34, 1711.e1-1711.e5.	1.5	36
273	Amyloid PET in clinical practice: Its place in the multidimensional space of Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2013, 2, 497-511.	1.4	85
274	C9orf72 G4C2 repeat expansions in Alzheimer's disease and mild cognitive impairment. <i>Neurobiology of Aging</i> , 2013, 34, 1712.e1-1712.e7.	1.5	65
275	Right fusiform response patterns reflect visual object identity rather than semantic similarity. <i>NeuroImage</i> , 2013, 83, 87-97.	2.1	15
276	Distinct Clinical Characteristics of C9orf72 Expansion Carriers Compared With GRN, MAPT, and Nonmutation Carriers in a Flanders-Belgian FTLN Cohort. <i>JAMA Neurology</i> , 2013, 70, 365.	4.5	85
277	Binary classification of 18F-flutemetamol PET using machine learning: Comparison with visual reads and structural MRI. <i>NeuroImage</i> , 2013, 64, 517-525.	2.1	56
278	Reduced expression of hsa-miR-27a-3p in CSF of patients with Alzheimer disease. <i>Neurology</i> , 2013, 81, 2103-2106.	1.5	139
279	The interest of amyloid PET imaging in the diagnosis of Alzheimer's disease. <i>Current Opinion in Neurology</i> , 2013, 26, 646-655.	1.8	18
280	Similarity of fMRI Activity Patterns in Left Perirhinal Cortex Reflects Semantic Similarity between Words. <i>Journal of Neuroscience</i> , 2013, 33, 18597-18607.	1.7	115
281	Dissociations between spatial-attentional processes within parietal cortex: insights from hybrid spatial cueing and change detection paradigms. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 366.	1.0	13
282	BACE1 Levels Correlate with Phospho-Tau Levels in Human Cerebrospinal Fluid. <i>Current Alzheimer Research</i> , 2013, 10, 671-678.	0.7	24
283	Ataxin-2 polyQ expansions in FTLN-ALS spectrum disorders in Flanders-Belgian cohorts. <i>Neurobiology of Aging</i> , 2012, 33, 1004.e17-1004.e20.	1.5	32
284	DLB and PDD: a role for mutations in dementia and Parkinson disease genes?. <i>Neurobiology of Aging</i> , 2012, 33, 629.e5-629.e18.	1.5	73
285	Contribution of VPS35 genetic variability to LBD in the Flanders-Belgian population. <i>Neurobiology of Aging</i> , 2012, 33, 1844.e11-1844.e13.	1.5	21
286	Both common variations and rare non-synonymous substitutions and small insertion/deletions in CLU are associated with increased Alzheimer risk. <i>Molecular Neurodegeneration</i> , 2012, 7, 3.	4.4	77
287	Chronometry of word and picture identification: Common and modality-specific effects. <i>NeuroImage</i> , 2012, 59, 3701-3712.	2.1	3
288	Attentional priorities and access to short-term memory: Parietal interactions. <i>NeuroImage</i> , 2012, 62, 1551-1562.	2.1	57

#	ARTICLE	IF	CITATIONS
289	Combination of Biomarkers: PET [¹⁸ F]Flutemetamol Imaging and Structural MRI in Dementia and Mild Cognitive Impairment. <i>Neurodegenerative Diseases</i> , 2012, 10, 246-249.	0.8	52
290	Alzheimer risk associated with a copy number variation in the complement receptor 1 increasing C3b/C4b binding sites. <i>Molecular Psychiatry</i> , 2012, 17, 223-233.	4.1	179
291	A C9orf72 promoter repeat expansion in a Flanders-Belgian cohort with disorders of the frontotemporal lobar degeneration-amyotrophic lateral sclerosis spectrum: a gene identification study. <i>Lancet Neurology</i> , The, 2012, 11, 54-65.	4.9	565
292	Spatial attention deficits in humans: The critical role of superior compared to inferior parietal lesions. <i>Neuropsychologia</i> , 2012, 50, 1092-1103.	0.7	95
293	Classification of primary progressive aphasia and its variants. <i>Neurology</i> , 2011, 76, 1006-1014.	1.5	3,885
294	Genetic Creutzfeldt-Jakob disease associated with the E200K mutation: characterization of a complex proteinopathy. <i>Acta Neuropathologica</i> , 2011, 121, 39-57.	3.9	105
295	Intracranial hypertension following intrathecal administration of liposomal cytarabine. <i>Journal of Neurology</i> , 2011, 258, 162-163.	1.8	7
296	The importance of appropriate partial volume correction for PET quantification in Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 1104-1119.	3.3	262
297	Autoimmune-mediated encephalitis. <i>Neuroradiology</i> , 2011, 53, 837-851.	1.1	44
298	Right Hemisphere Recruitment During Language Processing in Frontotemporal Lobar Degeneration and Alzheimer's Disease. <i>Journal of Molecular Neuroscience</i> , 2011, 45, 637-647.	1.1	21
299	Amyloid precursor protein mutation E682K at the alternative β -secretase cleavage site increases $A\beta$ generation. <i>EMBO Molecular Medicine</i> , 2011, 3, 291-302.	3.3	97
300	TMEM106B is associated with frontotemporal lobar degeneration in a clinically diagnosed patient cohort. <i>Brain</i> , 2011, 134, 808-815.	3.7	110
301	Lesion evidence for the critical role of the intraparietal sulcus in spatial attention. <i>Brain</i> , 2011, 134, 1694-1709.	3.7	122
302	In vivo amyloid imaging in cortical superficial siderosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 469-471.	0.9	11
303	Sense and sensitivity of novel criteria for frontotemporal dementia. <i>Brain</i> , 2011, 134, 2450-2453.	3.7	2
304	Microglial Upregulation of Progranulin as a Marker of Motor Neuron Degeneration. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010, 69, 1191-1200.	0.9	64
305	Reversible posterior leukoencephalopathy syndrome. <i>Translational Neuroscience</i> , 2010, 1, .	0.7	1
306	¹⁸ F-flutemetamol amyloid imaging in Alzheimer disease and mild cognitive impairment: A phase 2 trial. <i>Annals of Neurology</i> , 2010, 68, 319-329.	2.8	582

#	ARTICLE	IF	CITATIONS
307	Follow-Up Study of Susceptibility Loci for Alzheimer's Disease and Onset Age Identified by Genome-Wide Association. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 1169-1175.	1.2	33
308	Gesture Discrimination in Primary Progressive Aphasia: The Intersection between Gesture and Language Processing Pathways. <i>Journal of Neuroscience</i> , 2010, 30, 6334-6341.	1.7	68
309	Genetic contribution of <i>FUS</i> to frontotemporal lobar degeneration. <i>Neurology</i> , 2010, 74, 366-371.	1.5	197
310	Subject classification from [¹⁸ F]flutemetamol data into categories of raised or low levels of beta-amyloid: Concordance between quantitative and visual assessment. <i>NeuroImage</i> , 2010, 52, S144.	2.1	0
311	O1-03-01: In-depth molecular genetic analysis of <i>CLU</i> in Alzheimer's disease. , 2010, 6, S73-S74.		0
312	The amodal system for conscious word and picture identification in the absence of a semantic task. <i>NeuroImage</i> , 2010, 49, 3295-3307.	2.1	33
313	Whole-Body Biodistribution and Radiation Dosimetry of ¹⁸ F-GE067: A Radioligand for In Vivo Brain Amyloid Imaging. <i>Journal of Nuclear Medicine</i> , 2009, 50, 818-822.	2.8	200
314	Clinical heterogeneity in 3 unrelated families linked to <i>VCP</i> p.Arg159His. <i>Neurology</i> , 2009, 73, 626-632.	1.5	84
315	Phase 1 Study of the Pittsburgh Compound B Derivative ¹⁸ F-Flutemetamol in Healthy Volunteers and Patients with Probable Alzheimer Disease. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1251-1259.	2.8	273
316	Lesion neuroanatomy of the Sustained Attention to Response task. <i>Neuropsychologia</i> , 2009, 47, 2866-2875.	0.7	64
317	Serum biomarker for progranulin-associated frontotemporal lobar degeneration. <i>Annals of Neurology</i> , 2009, 65, 603-609.	2.8	195
318	Parcellation of parietal cortex: Convergence between lesion-symptom mapping and mapping of the intact functioning brain. <i>Behavioural Brain Research</i> , 2009, 199, 171-182.	1.2	86
319	Neuronal inclusion protein TDP-43 has no primary genetic role in FTD and ALS. <i>Neurobiology of Aging</i> , 2009, 30, 1329-1331.	1.5	67
320	CHMP2B C-truncating mutations in frontotemporal lobar degeneration are associated with an aberrant endosomal phenotype in vitro. <i>Human Molecular Genetics</i> , 2008, 17, 313-322.	1.4	131
321	Convergence between Lesion-Symptom Mapping and Functional Magnetic Resonance Imaging of Spatially Selective Attention in the Intact Brain. <i>Journal of Neuroscience</i> , 2008, 28, 3359-3373.	1.7	56
322	Orchiectomy for suspected microscopic tumor in patients with anti-Ma2-associated encephalitis. <i>Neurology</i> , 2007, 68, 900-905.	1.5	96
323	Å amyloid deposition in the language system and how the brain responds. <i>Brain</i> , 2007, 130, 2055-2069.	3.7	63
324	Remapping Attentional Priorities: Differential Contribution of Superior Parietal Lobule and Intraparietal Sulcus. <i>Cerebral Cortex</i> , 2007, 17, 2703-2712.	1.6	150

#	ARTICLE	IF	CITATIONS
325	Alzheimer and Parkinson Diagnoses in Progranulin Null Mutation Carriers in an Extended Founder Family. <i>Archives of Neurology</i> , 2007, 64, 1436.	4.9	143
326	Mutations other than null mutations producing a pathogenic loss of progranulin in frontotemporal dementia. <i>Human Mutation</i> , 2007, 28, 416-416.	1.1	116
327	Cognitive Deficits during Status Epilepticus and Time Course of Recovery: A Case Report. <i>Epilepsia</i> , 2007, 48, 1979-1983.	2.6	27
328	Knowledge of visual attributes in the right hemisphere. <i>Nature Neuroscience</i> , 2006, 9, 964-970.	7.1	63
329	Null mutations in progranulin cause ubiquitin-positive frontotemporal dementia linked to chromosome 17q21. <i>Nature</i> , 2006, 442, 920-924.	13.7	1,386
330	Astronomia nova to human brain mapping. <i>Neural Networks</i> , 2006, 19, 1453-1454.	3.3	0
331	Alzheimer dementia caused by a novel mutation located in the APP C-terminal intracytosolic fragment. <i>Human Mutation</i> , 2006, 27, 888-896.	1.1	62
332	Characterization of Ubiquitinated Intraneuronal Inclusions in a Novel Belgian Frontotemporal Lobar Degeneration Family. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 289-301.	0.9	45
333	A Belgian ancestral haplotype harbours a highly prevalent mutation for 17q21-linked tau-negative FTL. <i>Brain</i> , 2006, 129, 841-852.	3.7	88
334	Word Reading and Posterior Temporal Dysfunction in Amnesic Mild Cognitive Impairment. <i>Cerebral Cortex</i> , 2006, 17, 542-551.	1.6	63
335	Paradoxical features of word finding difficulty in primary progressive aphasia. <i>Annals of Neurology</i> , 2005, 57, 204-209.	2.8	26
336	Anterior temporal laterality in primary progressive aphasia shifts to the right. <i>Annals of Neurology</i> , 2005, 58, 362-370.	2.8	54
337	Symptomatic Internal Carotid Artery Dissecting Pseudoaneurysm: Endovascular Treatment by Stent-Graft. <i>CardioVascular and Interventional Radiology</i> , 2005, 28, 499-501.	0.9	15
338	Cognitive aging and Alzheimer's disease. <i>Postgraduate Medical Journal</i> , 2005, 81, 343-352.	0.9	29
339	Attentional responses to unattended stimuli in human parietal cortex. <i>Brain</i> , 2005, 128, 2843-2857.	3.7	61
340	A Heteromodal Large-Scale Network for Spatial Attention. , 2005, , 29-34.		7
341	Location- or Feature-based Targeting of Spatial Attention. , 2005, , 407-411.		0
342	Comparison of kinetic modelling strategies of N-[11C]-methylpiperidin-4-yl-propionate ([11C]-PMP) in normals and patients with mild cognitive impairment (MCI). <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S593-S593.	2.4	0

#	ARTICLE	IF	CITATIONS
343	Reversible posterior leucoencephalopathy during oral treatment with methotrexate. <i>Journal of Neurology</i> , 2004, 251, 226-228.	1.8	36
344	Orienting Attention to Locations in Perceptual Versus Mental Representations. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 363-373.	1.1	264
345	The Response of Left Temporal Cortex to Sentences. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 550-560.	1.1	330
346	Location- or Feature-Based Targeting of Peripheral Attention. <i>NeuroImage</i> , 2001, 14, 37-47.	2.1	74
347	Functional Specificity of Superior Parietal Mediation of Spatial Shifting. <i>NeuroImage</i> , 2001, 14, 661-673.	2.1	213
348	Maintaining and Shifting Attention within Left or Right Hemifield. <i>Cerebral Cortex</i> , 2000, 10, 706-713.	1.6	46
349	Disrupted temporal lobe connections in semantic dementia. <i>Brain</i> , 1999, 122, 61-73.	3.7	403
350	Brain activity underlying stereotyped and non-stereotyped retrieval of learned stimulus-response associations. <i>European Journal of Neuroscience</i> , 1999, 11, 4037-4050.	1.2	11
351	Human brain activity related to speed discrimination tasks. <i>Experimental Brain Research</i> , 1998, 122, 9-22.	0.7	48
352	Regions in the human brain activated by simultaneous orientation discrimination: a study with positron emission tomography. <i>European Journal of Neuroscience</i> , 1998, 10, 3689-3699.	1.2	34
353	The neural systems sustaining face and proper-name processing. <i>Brain</i> , 1998, 121, 2103-2118.	3.7	402
354	Positron emission tomography, magnetic resonance imaging and proton NMR spectroscopy of white matter in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 1997, 3, 8-17.	1.4	86
355	The kinetic occipital region in human visual cortex. <i>Cerebral Cortex</i> , 1997, 7, 283-292.	1.6	178
356	Attention to One or Two Features in Left or Right Visual Field: A Positron Emission Tomography Study. <i>Journal of Neuroscience</i> , 1997, 17, 3739-3750.	1.7	130
357	Reproducibility of PET Activation Studies: Lessons from a Multi-Center European Experiment. <i>NeuroImage</i> , 1996, 4, 34-54.	2.1	99
358	Visualisation of loss of 5-HT _{2A} receptors with age in healthy volunteers using [¹⁸ F]altanserin and positron emission tomographic imaging. <i>Psychiatry Research - Neuroimaging</i> , 1996, 68, 11-22.	0.9	65
359	The influence of stimulus location on the brain activation pattern in detection and orientation discrimination: A PET study of visual attention. <i>Brain</i> , 1996, 119, 1263-1276.	3.7	117
360	Functional anatomy of a common semantic system for words and pictures. <i>Nature</i> , 1996, 383, 254-256.	13.7	1,151

#	ARTICLE	IF	CITATIONS
361	A motion area in human visual cortex.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 993-997.	3.3	121
362	Invasion of a subcutaneous <i>Aspergillus</i> abscess into the brain. European Journal of Neurology, 1995, 2, 219-222.	1.7	0
363	Differences in personality between a medical and a surgical practitioner, and between a medical neurologist and a surgical one. Acta Neurochirurgica, 1995, 132, 215-216.	0.9	1
364	Blood Flow in Human Anterior Temporal Cortex Decreases with Stimulus Familiarity. NeuroImage, 1995, 2, 306-313.	2.1	62
365	Treatment results in primary intraspinal gliomas. Radiotherapy and Oncology, 1993, 29, 294-300.	0.3	43
366	Pathogenesis and treatment of delayed post-traumatic syringomyelia. Acta Neurochirurgica, 1991, 110, 82-86.	0.9	14
367	Processing of Pitch, Rhythm and Timbre in Primary Progressive Aphasia. Frontiers in Human Neuroscience, 0, 6, .	1.0	0