Julie Van der Zee

List of Publications by Year
in descending order

105 papers	9,103 citations	71102 41 h-index	45317 90 g-index
116 all docs	116 docs citations	116 times ranked	9325 citing authors

#	Article	IF	Citations
1	Genetic variants in progranulin upstream open reading frames increase downstream protein expression. Neurobiology of Aging, 2022, 110, 113-121.	3.1	1
2	Uncovering the impact of noncoding variants in neurodegenerative brain diseases. Trends in Genetics, 2022, 38, 258-272.	6.7	19
3	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
4	Protein interaction network analysis reveals genetic enrichment of immune system genes in frontotemporal dementia. Neurobiology of Aging, 2022, 116, 67-79.	3.1	2
5	How network-based approaches can complement gene identification studies in frontotemporal dementia. Trends in Genetics, 2022, 38, 944-955.	6.7	1
6	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
7	Genetic variation in APOE, GRN, and TP53 are phenotype modifiers in frontotemporal dementia. Neurobiology of Aging, 2021, 99, 99.e15-99.e22.	3.1	8
8	Emerging genetic complexity and rare genetic variants in neurodegenerative brain diseases. Genome Medicine, 2021, 13, 59.	8.2	16
9	Gene Expression Imputation Across Multiple Tissue Types Provides Insight Into the Genetic Architecture of Frontotemporal Dementia and Its Clinical Subtypes. Biological Psychiatry, 2021, 89, 825-835.	1.3	10
10	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
11	Investigation of the role of matrix metalloproteinases in the genetic etiology of Alzheimer's disease. Neurobiology of Aging, 2021, 104, 105.e1-105.e6.	3.1	8
12	SLITRK2, an X-linked modifier of the age at onset in C9orf72 frontotemporal lobar degeneration. Brain, 2021, 144, 2798-2811.	7.6	7
13	Investigating the Endo-Lysosomal System in Major Neurocognitive Disorders Due to Alzheimerâ€™s Disease, Frontotemporal Lobar Degeneration and Lewy Body Disease: Evidence for SORL1 as a Cross-Disease Gene. International Journal of Molecular Sciences, 2021, 22, 13633.	4.1	8
14	Stress granule mediated protein aggregation and underlying gene defects in the FTD-ALS spectrum. Neurobiology of Disease, 2020, 134, 104639.	4.4	101
15	Role for ATXN1, ATXN2, and HTT intermediate repeats in frontotemporal dementia and Alzheimer's disease. Neurobiology of Aging, 2020, 87, 139.e1-139.e7.	3.1	35
16	Sporadic Creutzfeldt-Jakob Disease and Other Proteinopathies in Comorbidity. Frontiers in Neurology, 2020, 11, 596108.	2.4	6
17	C9orf72, age at onset, and ancestry help discriminate behavioral from language variants in FTLD cohorts. Neurology, 2020, 95, e3288-e3302.	1.1	7
18	Three upstream ORFs in an alternative GRN 5â€²UTR influence downstream protein expression. Alzheimer's and Dementia, 2020, 16, e038282.	0.8	0

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19	Exploration of the endoâ€lysosomal pathway genes in frontotemporal dementia: The use of proteinâ€protein interaction networks to prioritize rareâ€variant association analysis results. Alzheimer's and Dementia, 2020, 16, e043624.	0.8	0
20	Loss of DPP6 in neurodegenerative dementia: a genetic player in the dysfunction of neuronal excitability. Acta Neuropathologica, 2019, 137, 901-918.	7.7	37
21	Presence of tau astrogliopathy in frontotemporal dementia caused by a novel Grn nonsense (Trp2*) mutation. Neurobiology of Aging, 2019, 76, 214.e11-214.e15.	3.1	8
22	Clinical variability and onset age modifiers in an extended Belgian GRN founder family. Neurobiology of Aging, 2018, 67, 84-94.	3.1	17
23	Diagnostic value of cerebrospinal fluid tau, neurofilament, and progranulin in definite frontotemporal lobar degeneration. Alzheimer's Research and Therapy, 2018, 10, 31.	6.2	42
24	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
25	ALS Genes in the Genomic Era and their Implications for FTD. Trends in Genetics, 2018, 34, 404-423.	6.7	229
26	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
27	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
28	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
29	P3â€121: RARE FRAMESHIFT AND DIGENIC MUTATIONS CONTRIBUTE TO DISEASE ETIOLOGY IN BELGIAN ALZHEIMER AND FRONTOTEMPORAL DEMENTIA PATIENTS. Alzheimer's and Dementia, 2018, 14, P1113.	0.8	0
30	P3â€111: EVALUATING THE GENETIC IMPACT OF TIA1 GENE MUTATIONS IN A EUROPEAN COHORT OF ALSâ€FTD SPECTRUM PATIENTS. Alzheimer's and Dementia, 2018, 14, P1110.	0.8	0
31	P3â€128: EXPLORING THE MOLECULAR MECHANISM OF NEURONAL HYPEREXCITABILITY IN DEMENTIA. Alzheimer's and Dementia, 2018, 14, P1116.	0.8	0
32	A C6orf10/LOC101929163 locus is associated with age of onset in C9orf72 carriers. Brain, 2018, 141, 2895-2907.	7.6	39
33	Genotypeâ€“phenotype links in frontotemporal lobar degeneration. Nature Reviews Neurology, 2018, 14, 363-378.	10.1	68
34	A novel CHCHD10 mutation implicates a Mia40â€dependent mitochondrial import deficit in ALS. EMBO Molecular Medicine, 2018, 10, .	6.9	43
35	Genetic screening in early-onset dementia patients with unclear phenotype: relevance for clinical diagnosis. Neurobiology of Aging, 2018, 69, 292.e7-292.e14.	3.1	18
36	Systematic Screening of Ubiquitin/p62 Aggregates in Cerebellar Cortex Expands the Neuropathological Phenotype of the C9orf72 Expansion Mutation. Journal of Neuropathology and Experimental Neurology, 2018, 77, 703-709.	1.7	18

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37	No supportive evidence for TIA1 gene mutations in a European cohort of ALS-FTD spectrum patients. Neurobiology of Aging, 2018, 69, 293.e9-293.e11.	3.1	15
38	Investigating the role of ALS genes CHCHD10 and TUBA4A in Belgian FTD-ALS spectrum patients. Neurobiology of Aging, 2017, 51, 177.e9-177.e16.	3.1	60
39	Clinical Evidence of Disease Anticipation in Families Segregating a C9orf72 Repeat Expansion. JAMA Neurology, 2017, 74, 445.	9.0	56
40	Deleterious ABCA7 mutations and transcript rescue mechanisms in early onset Alzheimerâ€™s disease. Acta Neuropathologica, 2017, 134, 475-487.	7.7	53
41	Familial primary lateral sclerosis or dementia associated with Arg573GlyTBK1mutation. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 996-997.	1.9	23
42	Relationship between C9orf72 repeat size and clinical phenotype. Current Opinion in Genetics and Development, 2017, 44, 117-124.	3.3	114
43	Genetic Alzheimer Disease and Sporadic Dementia With Lewy Bodies: A Comorbidity Presenting as Primary Progressive Aphasia. Cognitive and Behavioral Neurology, 2017, 30, 23-29.	0.9	13
44	TBK1 Mutation Spectrum in an Extended European Patient Cohort with Frontotemporal Dementia and Amyotrophic Lateral Sclerosis. Human Mutation, 2017, 38, 297-309.	2.5	87
45	Modifiers of GRN -Associated Frontotemporal Lobar Degeneration. Trends in Molecular Medicine, 2017, 23, 962-979.	6.7	26
46	[P4â€“075]: THE MAPT P.ARG406TRP IS A FOUNDER MUTATION IN BELGIUM AND PRESENTS WITH AN ALZHEIMER DISEASE DEMENTIAâ€LIKE PHENOTYPE. Alzheimer's and Dementia, 2017, 13, P1286.	0.8	1
47	[P4â€“071]: EXOME SEQUENCING IN ATYPICAL FRONTOTEMPORAL DEMENTIA WITH PERIâ€ROLANDIC ATROPHY SUGGESTS A ROLE FOR MATRIX METALLOPROTEINASES IN FRONTOTEMPORAL DEMENTIA. Alzheimer's and Dementia, 2017, 13, P1285.	0.8	0
48	[P4â€“069]: A PROSPECTIVE NEUROGENETIC STUDY ON EARLYâ€ONSET DEMENTIA IN PATIENTS WITH UNCLEAR INITIAL DIAGNOSIS OF DEGENERATIVE DEMENTIA. Alzheimer's and Dementia, 2017, 13, P1284.	0.8	0
49	[P4â€“070]: NEK1 GENETIC VARIABILITY IN A BELGIAN COHORT OF ALS AND FTDâ€ALS PATIENTS. Alzheimer's and Dementia, 2017, 13, P1284.	0.8	0
50	[O2â€“13â€“05]: DELETERIOUS ABCA7 MUTATIONS CONTRIBUTE TO EARLYâ€ONSET ALZHEIMER's DISEASE AND ARE SUBJECT TO TRANSCRIPT RESCUE MECHANISMS. Alzheimer's and Dementia, 2017, 13, P589.	0.8	0
51	No added diagnostic value of non-phosphorylated tau fraction (p-taurel) in CSF as a biomarker for differential dementia diagnosis. Alzheimer's Research and Therapy, 2017, 9, 49.	6.2	11
52	EEG Dominant Frequency Peak Differentiates Between Alzheimerâ€™s Disease and Frontotemporal Lobar Degeneration. Journal of Alzheimer's Disease, 2016, 55, 53-58.	2.6	13
53	Neuroimaging Correlates of Frontotemporal Dementia Associated with SQSTM1 Mutations. Journal of Alzheimer's Disease, 2016, 53, 303-313.	2.6	8
54	P1â€176: CSF Exploratory Biomarker Study for (DIFFERENTIAL) Diagnosis of Frontotemporal Lobar Degeneration. Alzheimer's and Dementia, 2016, 12, P471.	0.8	0

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55	P2-153: Diagnostic Performance of Non-Phosphorylated TAU Fraction (PTAU REL) in CSF as Biomarker for Differential Dementia Diagnosis. , 2016, 12, P672-P673.		0
56	P4â€120: Increased CSF Levels of Biomarkers for Neurodegeneration in FTLDâ€GRN Mutation Carriers. Alzheimer's and Dementia, 2016, 12, P1058.	0.8	0
57	O4â€09â€03: Eeg Dominant Frequency Peak Differentiates Between Alzheimer's Disease and Frontotemporal Lobar Degeneration. Alzheimer's and Dementia, 2016, 12, P354.	0.8	0
58	A comprehensive study of the genetic impact of rare variants in SORL1 in European early-onset Alzheimerâ€™s disease. Acta Neuropathologica, 2016, 132, 213-224.	7.7	83
59	Characterization of an FTLD-PDB family with the coexistence of SQSTM1 mutation and hexanucleotide (G 4 C 2) repeat expansion inÂ C9orf72 gene. Neurobiology of Aging, 2016, 40, 191.e1-191.e8.	3.1	11
60	Mutated CTSF in adult-onset neuronal ceroid lipofuscinosis and FTD. Neurology: Genetics, 2016, 2, e102.	1.9	21
61	Clinicopathological description of two cases with SQSTM1 gene mutation associated with frontotemporal dementia. Neuropathology, 2016, 36, 27-38.	1.2	26
62	Clinical features ofTBK1carriers compared withC9orf72,GRNand non-mutation carriers in a Belgian cohort. Brain, 2016, 139, 452-467.	7.6	86
63	O3-13-03: Massive parallel gene panel sequencingÂin a belgian ftld cohort of causal genes associated with diverse neurodegenerative brain diseases. , 2015, 11, P251-P251.		0
64	O3-13-06: Targeted re-sequencing of sorl1 in early-onset Alzheimer's dementia: The european early onset dementia consortium. , 2015, 11, P253-P253.		0
65	Rare Variants inPLD3Do Not Affect Risk for Early-Onset Alzheimer Disease in a European Consortium Cohort. Human Mutation, 2015, 36, 1226-1235.	2.5	23
66	Investigating the role of filamin C in Belgian patients with frontotemporal dementia linked to GRN deficiency in FTLD-TDP brains. Acta Neuropathologica Communications, 2015, 3, 68.	5.2	13
67	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.	3.1	34
68	A truncating mutation in Alzheimer's disease inactivates neuroligin-1 synaptic function. Neurobiology of Aging, 2015, 36, 3171-3175.	3.1	24
69	Loss of TBK1 is a frequent cause of frontotemporal dementia in a Belgian cohort. Neurology, 2015, 85, 2116-2125.	1.1	151
70	TREM2 mutations implicated in neurodegeneration impair cell surface transport and phagocytosis. Science Translational Medicine, 2014, 6, 243ra86.	12.4	600
71	TMEM106B is a genetic modifier of frontotemporal lobar degeneration with C9orf72 hexanucleotide repeat expansions. Acta Neuropathologica, 2014, 127, 407-418.	7.7	123
72	A blinded international study on the reliability of genetic testing for GGGGCC-repeat expansions inC9orf72reveals marked differences in results among 14 laboratories. Journal of Medical Genetics, 2014, 51, 419-424.	3.2	118

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73	Frontotemporal lobar degenerationâ€"building on breakthroughs. Nature Reviews Neurology, 2014, 10, 70-72.	10.1	25
74	Common pathobiochemical hallmarks of progranulin-associated frontotemporal lobar degeneration and neuronal ceroid lipofuscinosis. Acta Neuropathologica, 2014, 127, 845-60.	7.7	156
75	Rare mutations in SQSTM1 modify susceptibility to frontotemporal lobar degeneration. Acta Neuropathologica, 2014, 128, 397-410.	7.7	93
76	Frontotemporal dementia and its subtypes: a genome-wide association study. Lancet Neurology, The, 2014, 13, 686-699.	10.2	302
77	Bidirectional transcripts of the expanded C9orf72 hexanucleotide repeat are translated into aggregating dipeptide repeat proteins. Acta Neuropathologica, 2013, 126, 881-893.	7.7	427
78	A Panâ€‹<scp>E</scp>uropean Study of theC9orf72Repeat Associated with<scp>FTLD</scp>: Geographic Prevalence, Genomic Instability, and Intermediate Repeats. Human Mutation, 2013, 34, 363-373.	2.5	247
79	Loss of ALS-associated TDP-43 in zebrafish causes muscle degeneration, vascular dysfunction, and reduced motor neuron axon outgrowth. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4986-4991.	7.1	126
80	Distinct Clinical Characteristics of C9orf72 Expansion Carriers Compared With GRN, MAPT, and Nonmutation Carriers in a Flanders-Belgian FTLD Cohort. JAMA Neurology, 2013, 70, 365.	9.0	85
81	Current insights into the C9orf72 repeat expansion diseases of the FTLD/ALS spectrum. Trends in Neurosciences, 2013, 36, 450-459.	8.6	151
82	Rapidly progressive frontotemporal dementia and bulbar amyotrophic lateral sclerosis in Portuguese patients with C9orf72 mutation. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2013, 14, 70-72.	1.7	11
83	The molecular basis of the frontotemporal lobar degenerationâ€"amyotrophic lateral sclerosis spectrum. Annals of Medicine, 2012, 44, 817-828.	3.8	157
84	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. Lancet Neurology, The, 2012, 11, 54-65.	10.2	565
85	No association of PGRN 3â€²UTR rs5848 in frontotemporal lobar degeneration. Neurobiology of Aging, 2011, 32, 754-755.	3.1	42
86	Mutations in DNAJC5, Encoding Cysteine-String Protein Alpha, Cause Autosomal-Dominant Adult-Onset Neuronal Ceroid Lipofuscinosis. American Journal of Human Genetics, 2011, 89, 241-252.	6.2	236
87	TMEM106B a Novel Risk Factor for Frontotemporal Lobar Degeneration. Journal of Molecular Neuroscience, 2011, 45, 516-521.	2.3	26
88	TMEM106B is associated with frontotemporal lobar degeneration in a clinically diagnosed patient cohort. Brain, 2011, 134, 808-815.	7.6	110
89	FUS pathology defines the majority of tau- and TDP-43-negative frontotemporal lobar degeneration. Acta Neuropathologica, 2010, 120, 33-41.	7.7	222
90	Common variants at 7p21 are associated with frontotemporal lobar degeneration with TDP-43 inclusions. Nature Genetics, 2010, 42, 234-239.	21.4	479

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91	Disruption of endocytic trafficking in frontotemporal dementia with CHMP2B mutations. Human Molecular Genetics, 2010, 19, 2228-2238.	2.9	163
92	Serum biomarker for progranulinâ€associated frontotemporal lobar degeneration. Annals of Neurology, 2009, 65, 603-609.	5.3	195
93	Neuronal inclusion protein TDP-43 has no primary genetic role in FTD and ALS. Neurobiology of Aging, 2009, 30, 1329-1331.	3.1	67
94	CHMP2B C-truncating mutations in frontotemporal lobar degeneration are associated with an aberrant endosomal phenotype in vitro. Human Molecular Genetics, 2008, 17, 313-322.	2.9	131
95	Invited Article: The Alzheimer diseaseâ€“frontotemporal lobar degeneration spectrum. Neurology, 2008, 71, 1191-1197.	1.1	59
96	Phenotype variability in progranulin mutation carriers: a clinical, neuropsychological, imaging and genetic study. Brain, 2008, 131, 732-746.	7.6	331
97	A novel locus for dementia with Lewy bodies: a clinically and genetically heterogeneous disorder. Brain, 2007, 130, 2277-2291.	7.6	56
98	Frontotemporal Lobar Degeneration with Ubiquitin-Positive Inclusions: A Molecular Genetic Update. Neurodegenerative Diseases, 2007, 4, 227-235.	1.4	21
99	Alzheimer and Parkinson Diagnoses in Progranulin Null Mutation Carriers in an Extended Founder Family. Archives of Neurology, 2007, 64, 1436.	4.5	143
100	Progranulin null mutations in both sporadic and familial frontotemporal dementia. Human Mutation, 2007, 28, 846-855.	2.5	162
101	Mutations other than null mutations producing a pathogenic loss of progranulin in frontotemporal dementia. Human Mutation, 2007, 28, 416-416.	2.5	116
102	Null mutations in progranulin cause ubiquitin-positive frontotemporal dementia linked to chromosome 17q21. Nature, 2006, 442, 920-924.	27.8	1,386
103	Visualization ofMAPT inversion on stretched chromosomes of tau-negative frontotemporal dementia patients. Human Mutation, 2006, 27, 1057-1059.	2.5	14
104	A Belgian ancestral haplotype harbours a highly prevalent mutation for 17q21-linked tau-negative FTLD. Brain, 2006, 129, 841-852.	7.6	88
105	Genomic architecture of human 17q21 linked to frontotemporal dementia uncovers a highly homologous family of low-copy repeats in the tau region. Human Molecular Genetics, 2005, 14, 1753-1762.	2.9	82