

Julie Van der Zee

List of Publications by Year in descending order

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105
papers

9,103
citations

71102

41
h-index

45317

90
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116
all docs

116
docs citations

116
times ranked

9325
citing authors

#	ARTICLE	IF	CITATIONS
1	Null mutations in progranulin cause ubiquitin-positive frontotemporal dementia linked to chromosome 17q21. <i>Nature</i> , 2006, 442, 920-924.	27.8	1,386
2	TREM2 mutations implicated in neurodegeneration impair cell surface transport and phagocytosis. <i>Science Translational Medicine</i> , 2014, 6, 243ra86.	12.4	600
3	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.	10.2	565
4	Common variants at 7p21 are associated with frontotemporal lobar degeneration with TDP-43 inclusions. <i>Nature Genetics</i> , 2010, 42, 234-239.	21.4	479
5	Bidirectional transcripts of the expanded C9orf72 hexanucleotide repeat are translated into aggregating dipeptide repeat proteins. <i>Acta Neuropathologica</i> , 2013, 126, 881-893.	7.7	427
6	Phenotype variability in progranulin mutation carriers: a clinical, neuropsychological, imaging and genetic study. <i>Brain</i> , 2008, 131, 732-746.	7.6	331
7	Frontotemporal dementia and its subtypes: a genome-wide association study. <i>Lancet Neurology</i> , The, 2014, 13, 686-699.	10.2	302
8	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.	2.5	247
9	Mutations in DNAJC5, Encoding Cysteine-String Protein Alpha, Cause Autosomal-Dominant Adult-Onset Neuronal Ceroid Lipofuscinosis. <i>American Journal of Human Genetics</i> , 2011, 89, 241-252.	6.2	236
10	ALS Genes in the Genomic Era and their Implications for FTD. <i>Trends in Genetics</i> , 2018, 34, 404-423.	6.7	229
11	FUS pathology defines the majority of tau- and TDP-43-negative frontotemporal lobar degeneration. <i>Acta Neuropathologica</i> , 2010, 120, 33-41.	7.7	222
12	Serum biomarker for progranulin-associated frontotemporal lobar degeneration. <i>Annals of Neurology</i> , 2009, 65, 603-609.	5.3	195
13	Disruption of endocytic trafficking in frontotemporal dementia with CHMP2B mutations. <i>Human Molecular Genetics</i> , 2010, 19, 2228-2238.	2.9	163
14	Progranulin null mutations in both sporadic and familial frontotemporal dementia. <i>Human Mutation</i> , 2007, 28, 846-855.	2.5	162
15	The molecular basis of the frontotemporal lobar degeneration-amyotrophic lateral sclerosis spectrum. <i>Annals of Medicine</i> , 2012, 44, 817-828.	3.8	157
16	Common pathobiochemical hallmarks of progranulin-associated frontotemporal lobar degeneration and neuronal ceroid lipofuscinosis. <i>Acta Neuropathologica</i> , 2014, 127, 845-60.	7.7	156
17	Current insights into the C9orf72 repeat expansion diseases of the FTL/ALS spectrum. <i>Trends in Neurosciences</i> , 2013, 36, 450-459.	8.6	151
18	Loss of TBK1 is a frequent cause of frontotemporal dementia in a Belgian cohort. <i>Neurology</i> , 2015, 85, 2116-2125.	1.1	151

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19	Alzheimer and Parkinson Diagnoses in Progranulin Null Mutation Carriers in an Extended Founder Family. <i>Archives of Neurology</i> , 2007, 64, 1436.	4.5	143
20	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.	2.9	131
21	Loss of ALS-associated TDP-43 in zebrafish causes muscle degeneration, vascular dysfunction, and reduced motor neuron axon outgrowth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4986-4991.	7.1	126
22	TMEM106B is a genetic modifier of frontotemporal lobar degeneration with C9orf72 hexanucleotide repeat expansions. <i>Acta Neuropathologica</i> , 2014, 127, 407-418.	7.7	123
23	A blinded international study on the reliability of genetic testing for GGGGCC-repeat expansions in C9orf72 reveals marked differences in results among 14 laboratories. <i>Journal of Medical Genetics</i> , 2014, 51, 419-424.	3.2	118
24	Mutations other than null mutations producing a pathogenic loss of progranulin in frontotemporal dementia. <i>Human Mutation</i> , 2007, 28, 416-416.	2.5	116
25	Relationship between C9orf72 repeat size and clinical phenotype. <i>Current Opinion in Genetics and Development</i> , 2017, 44, 117-124.	3.3	114
26	TMEM106B is associated with frontotemporal lobar degeneration in a clinically diagnosed patient cohort. <i>Brain</i> , 2011, 134, 808-815.	7.6	110
27	Stress granule mediated protein aggregation and underlying gene defects in the FTD-ALS spectrum. <i>Neurobiology of Disease</i> , 2020, 134, 104639.	4.4	101
28	Rare mutations in SQSTM1 modify susceptibility to frontotemporal lobar degeneration. <i>Acta Neuropathologica</i> , 2014, 128, 397-410.	7.7	93
29	A Belgian ancestral haplotype harbours a highly prevalent mutation for 17q21-linked tau-negative FTL. <i>Brain</i> , 2006, 129, 841-852.	7.6	88
30	TBK1 Mutation Spectrum in an Extended European Patient Cohort with Frontotemporal Dementia and Amyotrophic Lateral Sclerosis. <i>Human Mutation</i> , 2017, 38, 297-309.	2.5	87
31	Clinical features of TBK1 carriers compared with C9orf72, GRN and non-mutation carriers in a Belgian cohort. <i>Brain</i> , 2016, 139, 452-467.	7.6	86
32	Distinct Clinical Characteristics of C9orf72 Expansion Carriers Compared With GRN, MAPT, and Nonmutation Carriers in a Flanders-Belgian FTL Cohort. <i>JAMA Neurology</i> , 2013, 70, 365.	9.0	85
33	A comprehensive study of the genetic impact of rare variants in SORL1 in European early-onset Alzheimer's disease. <i>Acta Neuropathologica</i> , 2016, 132, 213-224.	7.7	83
34	Genomic architecture of human 17q21 linked to frontotemporal dementia uncovers a highly homologous family of low-copy repeats in the tau region. <i>Human Molecular Genetics</i> , 2005, 14, 1753-1762.	2.9	82
35	Genotype-phenotype links in frontotemporal lobar degeneration. <i>Nature Reviews Neurology</i> , 2018, 14, 363-378.	10.1	68
36	Neuronal inclusion protein TDP-43 has no primary genetic role in FTD and ALS. <i>Neurobiology of Aging</i> , 2009, 30, 1329-1331.	3.1	67

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37	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.	3.1	60
38	Invited Article: The Alzheimer diseaseâ€“frontotemporal lobar degeneration spectrum. <i>Neurology</i> , 2008, 71, 1191-1197.	1.1	59
39	A novel locus for dementia with Lewy bodies: a clinically and genetically heterogeneous disorder. <i>Brain</i> , 2007, 130, 2277-2291.	7.6	56
40	Clinical Evidence of Disease Anticipation in Families Segregating a <i>C9orf72</i> Repeat Expansion. <i>JAMA Neurology</i> , 2017, 74, 445.	9.0	56
41	Deleterious ABCA7 mutations and transcript rescue mechanisms in early onset Alzheimerâ€™s disease. <i>Acta Neuropathologica</i> , 2017, 134, 475-487.	7.7	53
42	A novel CHCHD10 mutation implicates a Mia40â€“dependent mitochondrial import deficit in ALS. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	43
43	No association of PGRN 3â€™UTR rs5848 in frontotemporal lobar degeneration. <i>Neurobiology of Aging</i> , 2011, 32, 754-755.	3.1	42
44	Diagnostic value of cerebrospinal fluid tau, neurofilament, and progranulin in definite frontotemporal lobar degeneration. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 31.	6.2	42
45	A <i>C6orf10/LOC101929163</i> locus is associated with age of onset in <i>C9orf72</i> carriers. <i>Brain</i> , 2018, 141, 2895-2907.	7.6	39
46	Loss of DPP6 in neurodegenerative dementia: a genetic player in the dysfunction of neuronal excitability. <i>Acta Neuropathologica</i> , 2019, 137, 901-918.	7.7	37
47	Role for ATXN1, ATXN2, and HTT intermediate repeats in frontotemporal dementia and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 87, 139.e1-139.e7.	3.1	35
48	Genetic variability in SQSTM1 and risk of early-onset Alzheimer dementia: a European early-onset dementia consortium study. <i>Neurobiology of Aging</i> , 2015, 36, 2005.e15-2005.e22.	3.1	34
49	NEK1 genetic variability in a Belgian cohort of ALS and ALS-FTD patients. <i>Neurobiology of Aging</i> , 2018, 61, 255.e1-255.e7.	3.1	32
50	TMEM106B a Novel Risk Factor for Frontotemporal Lobar Degeneration. <i>Journal of Molecular Neuroscience</i> , 2011, 45, 516-521.	2.3	26
51	Clinicopathological description of two cases with <i>SQSTM1</i> gene mutation associated with frontotemporal dementia. <i>Neuropathology</i> , 2016, 36, 27-38.	1.2	26
52	Modifiers of GRN -Associated Frontotemporal Lobar Degeneration. <i>Trends in Molecular Medicine</i> , 2017, 23, 962-979.	6.7	26
53	Frontotemporal lobar degenerationâ€“building on breakthroughs. <i>Nature Reviews Neurology</i> , 2014, 10, 70-72.	10.1	25
54	A truncating mutation in Alzheimer's disease inactivates neuroligin-1 synaptic function. <i>Neurobiology of Aging</i> , 2015, 36, 3171-3175.	3.1	24

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55	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.	2.5	23
56	Familial primary lateral sclerosis or dementia associated with Arg573Gly <i>TBK1</i> mutation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 996-997.	1.9	23
57	Frontotemporal Lobar Degeneration with Ubiquitin-Positive Inclusions: A Molecular Genetic Update. <i>Neurodegenerative Diseases</i> , 2007, 4, 227-235.	1.4	21
58	Mutated <i>CTSF</i> in adult-onset neuronal ceroid lipofuscinosis and FTD. <i>Neurology: Genetics</i> , 2016, 2, e102.	1.9	21
59	Rare nonsynonymous variants in <i>SORT1</i> are associated with increased risk for frontotemporal dementia. <i>Neurobiology of Aging</i> , 2018, 66, 181.e3-181.e10.	3.1	19
60	Uncovering the impact of noncoding variants in neurodegenerative brain diseases. <i>Trends in Genetics</i> , 2022, 38, 258-272.	6.7	19
61	Genetic screening in early-onset dementia patients with unclear phenotype: relevance for clinical diagnosis. <i>Neurobiology of Aging</i> , 2018, 69, 292.e7-292.e14.	3.1	18
62	Systematic Screening of Ubiquitin/p62 Aggregates in Cerebellar Cortex Expands the Neuropathological Phenotype of the <i>C9orf72</i> Expansion Mutation. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 703-709.	1.7	18
63	Clinical variability and onset age modifiers in an extended Belgian GRN founder family. <i>Neurobiology of Aging</i> , 2018, 67, 84-94.	3.1	17
64	Common and rare <i>TBK1</i> variants in early-onset Alzheimer disease in a European cohort. <i>Neurobiology of Aging</i> , 2018, 62, 245.e1-245.e7.	3.1	16
65	Emerging genetic complexity and rare genetic variants in neurodegenerative brain diseases. <i>Genome Medicine</i> , 2021, 13, 59.	8.2	16
66	No supportive evidence for <i>TIA1</i> gene mutations in a European cohort of ALS-FTD spectrum patients. <i>Neurobiology of Aging</i> , 2018, 69, 293.e9-293.e11.	3.1	15
67	Visualization of <i>MAPT</i> inversion on stretched chromosomes of tau-negative frontotemporal dementia patients. <i>Human Mutation</i> , 2006, 27, 1057-1059.	2.5	14
68	Investigating the role of filamin C in Belgian patients with frontotemporal dementia linked to GRN deficiency in FTLT-TDP brains. <i>Acta Neuropathologica Communications</i> , 2015, 3, 68.	5.2	13
69	EEG Dominant Frequency Peak Differentiates Between Alzheimer's Disease and Frontotemporal Lobar Degeneration. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 53-58.	2.6	13
70	Genetic Alzheimer Disease and Sporadic Dementia With Lewy Bodies: A Comorbidity Presenting as Primary Progressive Aphasia. <i>Cognitive and Behavioral Neurology</i> , 2017, 30, 23-29.	0.9	13
71	Rapidly progressive frontotemporal dementia and bulbar amyotrophic lateral sclerosis in Portuguese patients with <i>C9orf72</i> mutation. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2013, 14, 70-72.	1.7	11
72	Characterization of an FTLT-PDB family with the coexistence of <i>SQSTM1</i> mutation and hexanucleotide (G 4 C 2) repeat expansion in <i>C9orf72</i> gene. <i>Neurobiology of Aging</i> , 2016, 40, 191.e1-191.e8.	3.1	11

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73	No added diagnostic value of non-phosphorylated tau fraction (p-tau _{rel}) in CSF as a biomarker for differential dementia diagnosis. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 49.	6.2	11
74	Extended FTLD pedigree segregating a Belgian GRN-null mutation: neuropathological heterogeneity in one family. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 7.	6.2	10
75	Gene Expression Imputation Across Multiple Tissue Types Provides Insight Into the Genetic Architecture of Frontotemporal Dementia and Its Clinical Subtypes. <i>Biological Psychiatry</i> , 2021, 89, 825-835.	1.3	10
76	Neuroimaging Correlates of Frontotemporal Dementia Associated with SQSTM1 Mutations. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 303-313.	2.6	8
77	Presence of tau astrogliopathy in frontotemporal dementia caused by a novel Grn nonsense (Trp2*) mutation. <i>Neurobiology of Aging</i> , 2019, 76, 214.e11-214.e15.	3.1	8
78	Genetic variation in APOE, GRN, and TP53 are phenotype modifiers in frontotemporal dementia. <i>Neurobiology of Aging</i> , 2021, 99, 99.e15-99.e22.	3.1	8
79	Investigation of the role of matrix metalloproteinases in the genetic etiology of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2021, 104, 105.e1-105.e6.	3.1	8
80	Investigating the Endo-Lysosomal System in Major Neurocognitive Disorders Due to Alzheimer's Disease, Frontotemporal Lobar Degeneration and Lewy Body Disease: Evidence for SORL1 as a Cross-Disease Gene. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13633.	4.1	8
81	C9orf72, age at onset, and ancestry help discriminate behavioral from language variants in FTLD cohorts. <i>Neurology</i> , 2020, 95, e3288-e3302.	1.1	7
82	SLITRK2, an X-linked modifier of the age at onset in C9orf72 frontotemporal lobar degeneration. <i>Brain</i> , 2021, 144, 2798-2811.	7.6	7
83	Sporadic Creutzfeldt-Jakob Disease and Other Proteinopathies in Comorbidity. <i>Frontiers in Neurology</i> , 2020, 11, 596108.	2.4	6
84	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.	4.0	5
85	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.	3.1	2
86	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.	4.4	2
87	Protein interaction network analysis reveals genetic enrichment of immune system genes in frontotemporal dementia. <i>Neurobiology of Aging</i> , 2022, 116, 67-79.	3.1	2
88	[P4075]: THE MAPT P.ARG406TRP IS A FOUNDER MUTATION IN BELGIUM AND PRESENTS WITH AN ALZHEIMER DISEASE DEMENTIA-LIKE PHENOTYPE. <i>Alzheimer's and Dementia</i> , 2017, 13, P1286.	0.8	1
89	Genetic variants in progranulin upstream open reading frames increase downstream protein expression. <i>Neurobiology of Aging</i> , 2022, 110, 113-121.	3.1	1
90	How network-based approaches can complement gene identification studies in frontotemporal dementia. <i>Trends in Genetics</i> , 2022, 38, 944-955.	6.7	1

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91	O3-13-03: Massive parallel gene panel sequencing in a belgian ftld cohort of causal genes associated with diverse neurodegenerative brain diseases. , 2015, 11, P251-P251.		0
92	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
93	P1-176: CSF Exploratory Biomarker Study for (DIFFERENTIAL) Diagnosis of Frontotemporal Lobar Degeneration. Alzheimer's and Dementia, 2016, 12, P471.	0.8	0
94	P2-153: Diagnostic Performance of Non-Phosphorylated TAU Fraction (PTAU REL) in CSF as Biomarker for Differential Dementia Diagnosis. , 2016, 12, P672-P673.		0
95	P4-120: Increased CSF Levels of Biomarkers for Neurodegeneration in FTLD-GRN Mutation Carriers. Alzheimer's and Dementia, 2016, 12, P1058.	0.8	0
96	O4-09-03: Eeg Dominant Frequency Peak Differentiates Between Alzheimer's Disease and Frontotemporal Lobar Degeneration. Alzheimer's and Dementia, 2016, 12, P354.	0.8	0
97	[P4-071]: EXOME SEQUENCING IN ATYPICAL FRONTOTEMPORAL DEMENTIA WITH PERI-ROLANDIC ATROPHY SUGGESTS A ROLE FOR MATRIX METALLOPROTEINASES IN FRONTOTEMPORAL DEMENTIA. Alzheimer's and Dementia, 2017, 13, P1285.	0.8	0
98	[P4-069]: A PROSPECTIVE NEUROGENETIC STUDY ON EARLY-ONSET DEMENTIA IN PATIENTS WITH UNCLEAR INITIAL DIAGNOSIS OF DEGENERATIVE DEMENTIA. Alzheimer's and Dementia, 2017, 13, P1284.	0.8	0
99	[P4-070]: NEK1 GENETIC VARIABILITY IN A BELGIAN COHORT OF ALS AND FTD-ALS PATIENTS. Alzheimer's and Dementia, 2017, 13, P1284.	0.8	0
100	[O2-13-05]: DELETERIOUS ABCA7 MUTATIONS CONTRIBUTE TO EARLY-ONSET ALZHEIMER'S DISEASE AND ARE SUBJECT TO TRANSCRIPT RESCUE MECHANISMS. Alzheimer's and Dementia, 2017, 13, P589.	0.8	0
101	P3-121: 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
102	P3-111: EVALUATING THE GENETIC IMPACT OF TIA1 GENE MUTATIONS IN A EUROPEAN COHORT OF ALS-FTD SPECTRUM PATIENTS. Alzheimer's and Dementia, 2018, 14, P1110.	0.8	0
103	P3-128: EXPLORING THE MOLECULAR MECHANISM OF NEURONAL HYPEREXCITABILITY IN DEMENTIA. Alzheimer's and Dementia, 2018, 14, P1116.	0.8	0
104	Three upstream ORFs in an alternative GRN 5'UTR influence downstream protein expression. Alzheimer's and Dementia, 2020, 16, e038282.	0.8	0
105	Exploration of the endo-lysosomal pathway genes in frontotemporal dementia: The use of protein-protein interaction networks to prioritize rare variant association analysis results. Alzheimer's and Dementia, 2020, 16, e043624.	0.8	0