Vivianna M Van Deerlin

List of Publications by Year
in descending order

119	17,676	28274	20961
papers	citations	55 h-index	115 g-index

127	127	127	21677
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Signature laminar distributions of pathology in frontotemporal lobar degeneration. Acta Neuropathologica, 2022, 143, 363-382.	7.7	12
2	TMEM106B deficiency impairs cerebellar myelination and synaptic integrity with Purkinje cell loss. Acta Neuropathologica Communications, 2022, 10, 33.	5.2	16
3	Distinct characteristics of limbic-predominant age-related TDP-43 encephalopathy in Lewy body disease. Acta Neuropathologica, 2022, 143, 15-31.	7.7	29
4	Saliva versus Upper Respiratory Swabs. Journal of Molecular Diagnostics, 2022, 24, 727-737.	2.8	2
5	Plasma <scp>MIA</scp>, <scp>CRP</scp>, and Albumin Predict Cognitive Decline in Parkinson's Disease. Annals of Neurology, 2022, 92, 255-269.	5.3	7
6	Genetic prediction of impulse control disorders in Parkinson's disease. Annals of Clinical and Translational Neurology, 2022, 9, 936-949.	3.7	15
7	Differences in the Presentation and Progression of Parkinson's Disease by Sex. Movement Disorders, 2021, 36, 106-117.	3.9	54
8	Pathogenic Huntingtin Repeat Expansions in Patients with Frontotemporal Dementia and Amyotrophic Lateral Sclerosis. Neuron, 2021, 109, 448-460.e4.	8.1	56
9	Association of Mitochondrial DNA Genomic Variation With Risk of Pick Disease. Neurology, 2021, 96, e1755-e1760.	1.1	1
10	Frontotemporal lobar degeneration proteinopathies have disparate microscopic patterns of white and grey matter pathology. Acta Neuropathologica Communications, 2021, 9, 30.	5.2	22
11	Genome sequencing analysis identifies new loci associated with Lewy body dementia and provides insights into its genetic architecture. Nature Genetics, 2021, 53, 294-303.	21.4	198
12	Whole Clinic Research Enrollment in Parkinsonâ€™s Disease: The Molecular Integration in Neurological Diagnosis (MIND) Study. Journal of Parkinson's Disease, 2021, 11, 757-765.	2.8	5
13	Tau immunotherapy is associated with glial responses in FTLD-tau. Acta Neuropathologica, 2021, 142, 243-257.	7.7	22
14	Genomewide Association Studies of <scp>LRRK2</scp> Modifiers of Parkinson's Disease. Annals of Neurology, 2021, 90, 76-88.	5.3	30
15	TMEM106B modifies TDP-43 pathology in human ALS brain and cell-based models of TDP-43 proteinopathy. Acta Neuropathologica, 2021, 142, 629-642.	7.7	15
16	Association of Variants in the SPTLC1 Gene With Juvenile Amyotrophic Lateral Sclerosis. JAMA Neurology, 2021, 78, 1236.	9.0	46
17	Common genetic variation is associated with longitudinal decline and network features in behavioral variant frontotemporal degeneration. Neurobiology of Aging, 2021, 108, 16-23.	3.1	2
18	The development and convergence of co-pathologies in Alzheimerâ€™s disease. Brain, 2021, 144, 953-962.	7.6	76

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19	Machine learning suggests polygenic risk for cognitive dysfunction in amyotrophic lateral sclerosis. EMBO Molecular Medicine, 2021, 13, e12595.	6.9	13
20	Common and rare variant association analyses in amyotrophic lateral sclerosis identify 15 risk loci with distinct genetic architectures and neuron-specific biology. Nature Genetics, 2021, 53, 1636-1648.	21.4	223
21	Mapping tau burden and neuronal loss in MAPT-associated frontotemporal lobar degeneration.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e054141.	0.8	0
22	Age at symptom onset and death and disease duration in genetic frontotemporal dementia: an international retrospective cohort study. Lancet Neurology, The, 2020, 19, 145-156.	10.2	175
23	Autosomal dominant VCP hypomorph mutation impairs disaggregation of PHF-tau. Science, 2020, 370, .	12.6	85
24	ADNC-RS, a clinical-genetic risk score, predicts Alzheimerâ€™s pathology in autopsy-confirmed Parkinsonâ€™s disease and Dementia with Lewy bodies. Acta Neuropathologica, 2020, 140, 449-461.	7.7	7
25	APOE and TREM2 regulate amyloid-responsive microglia in Alzheimerâ€™s disease. Acta Neuropathologica, 2020, 140, 477-493.	7.7	117
26	Degeneration of the locus coeruleus is a common feature of tauopathies and distinct from TDP-43 proteinopathies in the frontotemporal lobar degeneration spectrum. Acta Neuropathologica, 2020, 140, 675-693.	7.7	15
27	Preemptive Treatment With Elbasvir and Grazoprevir for Hepatitis Câ€“Viremic Donor to Uninfected Recipient Kidney Transplantation. Kidney International Reports, 2020, 5, 459-467.	0.8	16
28	Primary Tau Pathology, Not Copathology, Correlates With Clinical Symptoms in PSP and CBD. Journal of Neuropathology and Experimental Neurology, 2020, 79, 296-304.	1.7	35
29	Analysis of neurodegenerative disease-causing genes in dementia with Lewy bodies. Acta Neuropathologica Communications, 2020, 8, 5.	5.2	27
30	C9orf72 intermediate repeats are associated with corticobasal degeneration, increased C9orf72 expression and disruption of autophagy. Acta Neuropathologica, 2019, 138, 795-811.	7.7	50
31	Postmortem Cortex Samples Identify Distinct Molecular Subtypes of ALS: Retrotransposon Activation, Oxidative Stress, and Activated Glia. Cell Reports, 2019, 29, 1164-1177.e5.	6.4	184
32	Genetic predictors of survival in behavioral variant frontotemporal degeneration. Neurology, 2019, 93, e1707-e1714.	1.1	11
33	Early emergence of anti-HCV antibody implicates donor origin in recipients of an HCV-infected organ. American Journal of Transplantation, 2019, 19, 2525-2532.	4.7	11
34	TMEM106B Effect on cognition in Parkinson disease and frontotemporal dementia. Annals of Neurology, 2019, 85, 801-811.	5.3	52
35	Heritability and genetic variance of dementia with Lewy bodies. Neurobiology of Disease, 2019, 127, 492-501.	4.4	29
36	Shared polygenic risk and causal inferences in amyotrophic lateral sclerosis. Annals of Neurology, 2019, 85, 470-481.	5.3	118

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37	Genome-wide analyses as part of the international FTLD-TDP whole-genome sequencing consortium reveals novel disease risk factors and increases support for immune dysfunction in FTLD. Acta Neuropathologica, 2019, 137, 879-899.	7.7	90
38	Transplanting hepatitis C virusâ€“infected hearts into uninfected recipients: A single-arm trial. American Journal of Transplantation, 2019, 19, 2533-2542.	4.7	88
39	Genetic meta-analysis of diagnosed Alzheimerâ€™s disease identifies new risk loci and implicates AÎ², tau, immunity and lipid processing. Nature Genetics, 2019, 51, 414-430.	21.4	1,962
40	A comprehensive screening of copy number variability in dementia with Lewy bodies. Neurobiology of Aging, 2019, 75, 223.e1-223.e10.	3.1	13
41	Identification of evolutionarily conserved gene networks mediating neurodegenerative dementia. Nature Medicine, 2019, 25, 152-164.	30.7	111
42	UNC13A polymorphism contributes to frontotemporal disease in sporadic amyotrophic lateral sclerosis. Neurobiology of Aging, 2019, 73, 190-199.	3.1	31
43	Selective Genetic Overlap Between Amyotrophic Lateral Sclerosis and Diseases of the Frontotemporal Dementia Spectrum. JAMA Neurology, 2018, 75, 860.	9.0	79
44	Asymmetry of post-mortem neuropathology in behavioural-variant frontotemporal dementia. Brain, 2018, 141, 288-301.	7.6	56
45	Potential genetic modifiers of disease risk and age at onset in patients with frontotemporal lobar degeneration and GRN mutations: a genome-wide association study. Lancet Neurology, The, 2018, 17, 548-558.	10.2	97
46	Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. Neuron, 2018, 97, 1268-1283.e6.	8.1	517
47	A 2-Step Cerebrospinal Algorithm for the Selection of Frontotemporal Lobar Degeneration Subtypes. JAMA Neurology, 2018, 75, 738.	9.0	54
48	APOE, thought disorder, and SPAREâ€AD predict cognitive decline in established Parkinson's disease. Movement Disorders, 2018, 33, 289-297.	3.9	35
49	Hepatitis C virus genotyping of organ donor samples to aid in transplantation of <scp>HCV</scp>â€positive organs. Clinical Transplantation, 2018, 32, e13172.	1.6	9
50	Investigating the genetic architecture of dementia with Lewy bodies: a two-stage genome-wide association study. Lancet Neurology, The, 2018, 17, 64-74.	10.2	195
51	P1â€139: THE CONTRIBUTION OF SEXâ€SPECIFIC ASSOCIATIONS IN GENETIC STUDIES OF ALZHEIMER'S DISEASE PATHOLOGY. Alzheimer's and Dementia, 2018, 14, P327.	0.8	0
52	A C6orf10/LOC101929163 locus is associated with age of onset in C9orf72 carriers. Brain, 2018, 141, 2895-2907.	7.6	39
53	Aberrant activation of non-coding RNA targets of transcriptional elongation complexes contributes to TDP-43 toxicity. Nature Communications, 2018, 9, 4406.	12.8	40
54	Converging Patterns of Î±-Synuclein Pathology in Multiple System Atrophy. Journal of Neuropathology and Experimental Neurology, 2018, 77, 1005-1016.	1.7	26

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55	Alzheimerâ€™s Disease and Frontotemporal Dementia: The Current State of Genetics and Genetic Testing Since the Advent of Next-Generation Sequencing. Molecular Diagnosis and Therapy, 2018, 22, 505-513.	3.8	41
56	Longitudinal structural gray matter and white matter MRI changes in presymptomatic progranulin mutation carriers. NeuroImage: Clinical, 2018, 19, 497-506.	2.7	21
57	Sex-specific genetic predictors of Alzheimerâ€™s disease biomarkers. Acta Neuropathologica, 2018, 136, 857-872.	7.7	87
58	Twelve-Month Outcomes After Transplant of Hepatitis Câ€“Infected Kidneys Into Uninfected Recipients. Annals of Internal Medicine, 2018, 169, 273-281.	3.9	193
59	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	12.6	1,085
60	Validation of a Long-Read PCR Assay for Sensitive Detection and Sizing of C9orf72 Hexanucleotide Repeat Expansions. Journal of Molecular Diagnostics, 2018, 20, 871-882.	2.8	13
61	Neurodegenerative disease concomitant proteinopathies are prevalent, age-related and APOE4-associated. Brain, 2018, 141, 2181-2193.	7.6	448
62	Expansion of the classification of FTLD-TDP: distinct pathology associated with rapidly progressive frontotemporal degeneration. Acta Neuropathologica, 2017, 134, 65-78.	7.7	163
63	Genome-wide association study identifies four novel loci associated with Alzheimerâ€™s endophenotypes and disease modifiers. Acta Neuropathologica, 2017, 133, 839-856.	7.7	199
64	Large-scale exploratory genetic analysis of cognitive impairment in Parkinson's disease. Neurobiology of Aging, 2017, 56, 211.e1-211.e7.	3.1	37
65	Trial of Transplantation of HCV-Infected Kidneys into Uninfected Recipients. New England Journal of Medicine, 2017, 376, 2394-2395.	27.0	315
66	Clinical marker for Alzheimer disease pathology in logopenic primary progressive aphasia. Neurology, 2017, 88, 2276-2284.	1.1	114
67	Neuropathological and genetic correlates of survival and dementia onset in synucleinopathies: a retrospective analysis. Lancet Neurology, The, 2017, 16, 55-65.	10.2	394
68	Genome-wide, high-content siRNA screening identifies the Alzheimerâ€™s genetic risk factor FERMT2 as a major modulator of APP metabolism. Acta Neuropathologica, 2017, 133, 955-966.	7.7	60
69	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. Nature Genetics, 2017, 49, 1373-1384.	21.4	783
70	TDP-43 Promotes Neurodegeneration by Impairing Chromatin Remodeling. Current Biology, 2017, 27, 3579-3590.e6.	3.9	63
71	Analysis of C9orf72 repeat expansions in a large international cohort of dementia with Lewy bodies. Neurobiology of Aging, 2017, 49, 214.e13-214.e15.	3.1	12
72	[P3â€“072]: MULTIâ€SITE EVALUATION OF THE AMPLIDEXÂ® PCR/CE TOMM40 KIT FOR RAPID AND ACCURATE GENOTYPING OF POLYâ€T LENGTH POLYMORPHISMS AT RS10524523 OF THE TOMM40 GENE. Alzheimer's and Dementia, 2017, 13, P959.	0.8	0

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73	Regional brain amyloid-Î² accumulation associates with domain-specific cognitive performance in Parkinson disease without dementia. PLoS ONE, 2017, 12, e0177924.	2.5	33
74	Neuron loss and degeneration in the progression of TDP-43 in frontotemporal lobar degeneration. Acta Neuropathologica Communications, 2017, 5, 68.	5.2	34
75	Deep clinical and neuropathological phenotyping of <scp>P</scp>ick disease. Annals of Neurology, 2016, 79, 272-287.	5.3	146
76	Cognitive reserve in frontotemporal degeneration. Neurology, 2016, 87, 1813-1819.	1.1	40
77	Association ofGBAMutations and the E326K Polymorphism With Motor and Cognitive Progression in Parkinson Disease. JAMA Neurology, 2016, 73, 1217.	9.0	185
78	Genome-wide association analyses identify new risk variants and the genetic architecture of amyotrophic lateral sclerosis. Nature Genetics, 2016, 48, 1043-1048.	21.4	494
79	O2â€10â€05: Cerebrospinal Fluid Levels of Amyloid Beta and Tau as Endophenotypes Reveal Novel Variants Potentially Informative for Alzheimer's Disease. Alzheimer's and Dementia, 2016, 12, P252.	0.8	0
80	GBA Variants are associated with a distinct pattern of cognitive deficits in <scp>P</scp>arkinson's disease. Movement Disorders, 2016, 31, 95-102.	3.9	158
81	CSF biomarkers associated with disease heterogeneity in early Parkinsonâ€™s disease: the Parkinsonâ€™s Progression Markers Initiative study. Acta Neuropathologica, 2016, 131, 935-949.	7.7	190
82	Common neuropathological features underlie distinct clinical presentations in three siblings with hereditary diffuse leukoencephalopathy with spheroids caused by CSF1R p.Arg782His. Acta Neuropathologica Communications, 2015, 3, 42.	5.2	14
83	Semi-automated quantification of C9orf72 expansion size reveals inverse correlation between hexanucleotide repeat number and disease duration in frontotemporal degeneration. Acta Neuropathologica, 2015, 130, 363-372.	7.7	65
84	Frontotemporal lobar degeneration: defining phenotypic diversity through personalized medicine. Acta Neuropathologica, 2015, 129, 469-491.	7.7	218
85	PARK10 is a major locus for sporadic neuropathologically confirmed Parkinson disease. Neurology, 2015, 84, 972-980.	1.1	48
86	Exome sequencing in amyotrophic lateral sclerosis identifies risk genes and pathways. Science, 2015, 347, 1436-1441.	12.6	823
87	Genome-wide association study of corticobasal degeneration identifies risk variants shared with progressive supranuclear palsy. Nature Communications, 2015, 6, 7247.	12.8	170
88	The role of TREM2 R47H as a risk factor for Alzheimer's disease, frontotemporal lobar degeneration, amyotrophic lateral sclerosis, and Parkinson's disease. Alzheimer's and Dementia, 2015, 11, 1407-1416.	0.8	152
89	Diagnosis of Parkinson's disease on the basis of clinical and genetic classification: a population-based modelling study. Lancet Neurology, The, 2015, 14, 1002-1009.	10.2	179
90	Lower plasma apolipoprotein A1 levels are found in Parkinson's disease and associate with apolipoprotein A1 genotype. Movement Disorders, 2015, 30, 805-812.	3.9	37

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91	Transcriptomic Changes Due to Cytoplasmic TDP-43 Expression Reveal Dysregulation of Histone Transcripts and Nuclear Chromatin. PLoS ONE, 2015, 10, e0141836.	2.5	40
92	Myelin oligodendrocyte basic protein and prognosis in behavioral-variant frontotemporal dementia. Neurology, 2014, 83, 502-509.	1.1	26
93	Effects of Multiple Genetic Loci on Age at Onset in Late-Onset Alzheimer Disease. JAMA Neurology, 2014, 71, 1394.	9.0	166
94	APOE,MAPT, andSNCAGenes and Cognitive Performance in Parkinson Disease. JAMA Neurology, 2014, 71, 1405.	9.0	172
95	Sequential distribution of pTDP-43 pathology in behavioral variant frontotemporal dementia (bvFTD). Acta Neuropathologica, 2014, 127, 423-439.	7.7	237
96	Early Donor Chimerism Levels Predict Relapse and Survival after Allogeneic Stem Cell Transplantation with Reduced-Intensity Conditioning. Biology of Blood and Marrow Transplantation, 2014, 20, 1758-1766.	2.0	52
97	ALS-Plus syndrome: Non-pyramidal features in a large ALS cohort. Journal of the Neurological Sciences, 2014, 345, 118-124.	0.6	51
98	<scp>C9orf72</scp> and <scp>UNC13A</scp> are shared risk loci for amyotrophic lateral sclerosis and frontotemporal dementia: A genomeâ€wide metaâ€analysis. Annals of Neurology, 2014, 76, 120-133.	5.3	91
99	Frontotemporal dementia and its subtypes: a genome-wide association study. Lancet Neurology, The, 2014, 13, 686-699.	10.2	302
100	A platform for discovery: The University of Pennsylvania Integrated Neurodegenerative Disease Biobank. Alzheimer's and Dementia, 2014, 10, 477.	0.8	167
101	Genetic and neuroanatomic associations in sporadic frontotemporal lobar degeneration. Neurobiology of Aging, 2014, 35, 1473-1482.	3.1	43
102	Development and Validation of Pedigree Classification Criteria for Frontotemporal Lobar Degeneration. JAMA Neurology, 2013, 70, 1411.	9.0	107
103	Stages of pTDPâ€43 pathology in amyotrophic lateral sclerosis. Annals of Neurology, 2013, 74, 20-38.	5.3	820
104	C9ORF72 repeat expansions in cases with previously identified pathogenic mutations. Neurology, 2013, 81, 1332-1341.	1.1	84
105	Cognitive decline and reduced survival inC9orf72expansion frontotemporal degeneration and amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 163-169.	1.9	141
106	Evidence for a role of the rare p.A152T variant in MAPT in increasing the risk for FTD-spectrum and Alzheimer's diseases. Human Molecular Genetics, 2012, 21, 3500-3512.	2.9	198
107	The genetics and neuropathology of neurodegenerative disorders: perspectives and implications for research and clinical practice. Acta Neuropathologica, 2012, 124, 297-303.	7.7	12
108	TDP-43 pathology in a case of hereditary spastic paraplegia with a NIPA1/SPG6 mutation. Acta Neuropathologica, 2012, 124, 285-291.	7.7	24

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109	Frequency of the C9orf72 hexanucleotide repeat expansion in patients with amyotrophic lateral sclerosis and frontotemporal dementia: a cross-sectional study. Lancet Neurology, The, 2012, 11, 323-330.	10.2	1,039
110	Risk genotypes at TMEM106B are associated with cognitive impairment in amyotrophic lateral sclerosis. Acta Neuropathologica, 2011, 121, 373-380.	7.7	102
111	Common variants at 7p21 are associated with frontotemporal lobar degeneration with TDP-43 inclusions. Nature Genetics, 2010, 42, 234-239.	21.4	479
112	TARDBP mutations in amyotrophic lateral sclerosis with TDP-43 neuropathology: a genetic and histopathological analysis. Lancet Neurology, The, 2008, 7, 409-416.	10.2	636
113	A Robust Xenotransplantation Model for Acute Myeloid Leukemia. Blood, 2008, 112, 2939-2939.	1.4	0
114	Clinical, Genetic, and Pathologic Characteristics of Patients With Frontotemporal Dementia and Progranulin Mutations. Archives of Neurology, 2007, 64, 1148.	4.5	52
115	Biochemical and pathological characterization of frontotemporal dementia due to a Leu266Val mutation in microtubule-associated protein tau in an African American individual. Acta Neuropathologica, 2007, 113, 471-479.	7.7	12
116	Lack of evidence for Lrrk2 in Î±-synuclein pathological inclusions. Annals of Neurology, 2006, 60, 618-619.	5.3	23
117	Familial Frontotemporal Dementia: From Gene Discovery to Clinical Molecular Diagnostics. Clinical Chemistry, 2003, 49, 1717-1725.	3.2	20
118	Loss of brain tau defines novel sporadic and familial tauopathies with frontotemporal dementia. Annals of Neurology, 2001, 49, 165-175.	5.3	159
119	Graft-Versus-Tumor Induction With Donor Leukocyte Infusions as Primary Therapy for Patients With Malignancies. Journal of Clinical Oncology, 1999, 17, 1234-1234.	1.6	124