

Danielle D Seilhean

List of Publications by Year in descending order

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110
papers

9,011
citations

41344

49
h-index

43889

91
g-index

113
all docs

113
docs citations

113
times ranked

13723
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroinvasion of SARS-CoV-2 in human and mouse brain. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	677
2	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
3	Aging-related tau astrogliopathy (ARTAG): harmonized evaluation strategy. <i>Acta Neuropathologica</i> , 2016, 131, 87-102.	7.7	380
4	Staging of Neurofibrillary Pathology in Alzheimer's Disease: A Study of the BrainNet Europe Consortium. <i>Brain Pathology</i> , 2008, 18, 484-496.	4.1	361
5	Remyelination in multiple sclerosis. <i>Progress in Brain Research</i> , 2009, 175, 453-464.	1.4	311
6	Activation of the subventricular zone in multiple sclerosis: Evidence for early glial progenitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4694-4699.	7.1	299
7	Inhibition of the mTORC Pathway in the Antiphospholipid Syndrome. <i>New England Journal of Medicine</i> , 2014, 371, 303-312.	27.0	282
8	Perforin-Dependent Brain-Infiltrating Cytotoxic CD8+ T Lymphocytes Mediate Experimental Cerebral Malaria Pathogenesis. <i>Journal of Immunology</i> , 2003, 170, 2221-2228.	0.8	267
9	SOD1, ANG, VAPB, TARDBP, and FUS mutations in familial amyotrophic lateral sclerosis: genotype-phenotype correlations. <i>Journal of Medical Genetics</i> , 2010, 47, 554-560.	3.2	266
10	Re-expression of PSA-NCAM by demyelinated axons: an inhibitor of remyelination in multiple sclerosis?. <i>Brain</i> , 2002, 125, 1972-1979.	7.6	246
11	Mutations in SQSTM1 encoding p62 in amyotrophic lateral sclerosis: genetics and neuropathology. <i>Acta Neuropathologica</i> , 2013, 125, 511-522.	7.7	201
12	Critical role of IL-21 in modulating TH17 and regulatory T cells in Behçet disease. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 655-664.	2.9	196
13	Consensus classification of human prion disease histotypes allows reliable identification of molecular subtypes: an inter-rater study among surveillance centres in Europe and USA. <i>Acta Neuropathologica</i> , 2012, 124, 517-529.	7.7	184
14	A mutation of spastin is responsible for swellings and impairment of transport in a region of axon characterized by changes in microtubule composition. <i>Human Molecular Genetics</i> , 2006, 15, 3544-3558.	2.9	169
15	Phenotype difference between ALS patients with expanded repeats in C9ORF72 and patients with mutations in other ALS-related genes. <i>Journal of Medical Genetics</i> , 2012, 49, 258-263.	3.2	157
16	Doxycycline in Creutzfeldt-Jakob disease: a phase 2, randomised, double-blind, placebo-controlled trial. <i>Lancet Neurology</i> , The, 2014, 13, 150-158.	10.2	157
17	In vivo transcranial brain surgery with an ultrasonic time reversal mirror. <i>Journal of Neurosurgery</i> , 2007, 106, 1061-1066.	1.6	155
18	Mixed Brain Pathologies in Dementia: The BrainNet Europe Consortium Experience. <i>Dementia and Geriatric Cognitive Disorders</i> , 2008, 26, 343-350.	1.5	148

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19	Assessment of β -amyloid deposits in human brain: a study of the BrainNet Europe Consortium. <i>Acta Neuropathologica</i> , 2009, 117, 309-320.	7.7	143
20	Causes of death in a post-mortem series of ALS patients. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2008, 9, 59-62.	2.1	140
21	Effects of Antemortem and Postmortem Variables on Human Brain mRNA Quality: A BrainNet Europe Study. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010, 69, 70-81.	1.7	139
22	Oxidation of SQSTM1/p62 mediates the link between redox state and protein homeostasis. <i>Nature Communications</i> , 2018, 9, 256.	12.8	132
23	Retrospective Observational Study of Brain MRI Findings in Patients with Acute SARS-CoV-2 Infection and Neurologic Manifestations. <i>Radiology</i> , 2020, 297, E313-E323.	7.3	131
24	Human endogenous retrovirus (HERV)-W ENV and GAG proteins: Physiological expression in human brain and pathophysiological modulation in multiple sclerosis lesions. <i>Journal of NeuroVirology</i> , 2005, 11, 23-33.	2.1	128
25	Common mechanisms in neurodegeneration and neuroinflammation: a BrainNet Europe gene expression microarray study. <i>Journal of Neural Transmission</i> , 2015, 122, 1055-1068.	2.8	126
26	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
27	Gain of Olig2 function in oligodendrocyte progenitors promotes remyelination. <i>Brain</i> , 2015, 138, 120-135.	7.6	119
28	Nogo expression in muscle correlates with amyotrophic lateral sclerosis severity. <i>Annals of Neurology</i> , 2005, 57, 553-556.	5.3	113
29	ApoE immunoreactivity and microglial cells in Alzheimer's disease brain. <i>Neuroscience Letters</i> , 1995, 195, 5-8.	2.1	112
30	Selection of novel reference genes for use in the human central nervous system: a BrainNet Europe Study. <i>Acta Neuropathologica</i> , 2012, 124, 893-903.	7.7	110
31	A stable proportion of Lewy body bearing neurons in the substantia nigra suggests a model in which the Lewy body causes neuronal death. <i>Neurobiology of Aging</i> , 2010, 31, 99-103.	3.1	107
32	Management of a twenty-first century brain bank: experience in the BrainNet Europe consortium. <i>Acta Neuropathologica</i> , 2008, 115, 497-507.	7.7	101
33	Interlaboratory Comparison of Assessments of Alzheimer Disease-Related Lesions: A Study of the BrainNet Europe Consortium. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 740-757.	1.7	95
34	C9ORF72 Repeat Expansions in the Frontotemporal Dementias Spectrum of Diseases: A Flow-chart for Genetic Testing. <i>Journal of Alzheimer's Disease</i> , 2013, 34, 485-499.	2.6	93
35	System xC ⁻ is a mediator of microglial function and its deletion slows symptoms in amyotrophic lateral sclerosis mice. <i>Brain</i> , 2015, 138, 53-68.	7.6	85
36	Alteration of Blood-Brain Barrier Integrity by Retroviral Infection. <i>PLoS Pathogens</i> , 2008, 4, e1000205.	4.7	84

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37	Human Blood-Brain Barrier Disruption by Retroviral-Infected Lymphocytes: Role of Myosin Light Chain Kinase in Endothelial Tight-Junction Disorganization. <i>Journal of Immunology</i> , 2007, 179, 2576-2583.	0.8	82
38	Tumor necrosis factor- β , microglia and astrocytes in AIDS dementia complex. <i>Acta Neuropathologica</i> , 1997, 93, 508-517.	7.7	78
39	Association of Small-Vessel Disease With Dilatative Arteriopathy of the Brain. <i>Stroke</i> , 2007, 38, 1197-1202.	2.0	78
40	Assessment of β -Synuclein Pathology: A Study of the BrainNet Europe Consortium. <i>Journal of Neuropathology and Experimental Neurology</i> , 2008, 67, 125-143.	1.7	73
41	Accumulation of TDP-43 and β -actin in an amyotrophic lateral sclerosis patient with the K17I ANG mutation. <i>Acta Neuropathologica</i> , 2009, 118, 561-573.	7.7	71
42	Neuropathology of iatrogenic Creutzfeldt-Jakob disease and immunoassay of French cadaver-sourced growth hormone batches suggest possible transmission of tauopathy and long incubation periods for the transmission of A β pathology. <i>Acta Neuropathologica</i> , 2018, 135, 201-212.	7.7	71
43	Contribution of <i>ATXN2</i> intermediary polyQ expansions in a spectrum of neurodegenerative disorders. <i>Neurology</i> , 2014, 83, 990-995.	1.1	70
44	Modifying macrophages at the periphery has the capacity to change microglial reactivity and to extend ALS survival. <i>Nature Neuroscience</i> , 2020, 23, 1339-1351.	14.8	69
45	Screening of OPTN in French familial amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2011, 32, 557.e11-557.e13.	3.1	68
46	Dissociation of Alzheimer type pathology in a disconnected piece of cortex. <i>Acta Neuropathologica</i> , 1997, 93, 501-507.	7.7	60
47	The need to unify neuropathological assessments of vascular alterations in the ageing brain. <i>Experimental Gerontology</i> , 2012, 47, 825-833.	2.8	57
48	The autophagy/lysosome pathway is impaired in SCA7 patients and SCA7 knock-in mice. <i>Acta Neuropathologica</i> , 2014, 128, 705-722.	7.7	56
49	Bilateral Adrenal Infiltration in Erdheim-Chester Disease. Report of Seven Cases and Literature Review. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 2007-2012.	3.6	53
50	Novel UBQLN2 mutations linked to amyotrophic lateral sclerosis and atypical hereditary spastic paraplegia phenotype through defective HSP70-mediated proteolysis. <i>Neurobiology of Aging</i> , 2017, 58, 239.e11-239.e20.	3.1	50
51	Amyotrophic lateral sclerosis with neuronal intranuclear protein inclusions. <i>Acta Neuropathologica</i> , 2004, 108, 81-87.	7.7	49
52	Loss of paraplegin drives spasticity rather than ataxia in a cohort of 241 patients with <i>SPG7</i> . <i>Neurology</i> , 2019, 92, e2679-e2690.	1.1	49
53	BrainNet Europe's Code of Conduct for brain banking. <i>Journal of Neural Transmission</i> , 2015, 122, 937-940.	2.8	46
54	TDP-43 Pathology Progression Along the Olfactory Pathway as a Possible Substrate for Olfactory Impairment in Amyotrophic Lateral Sclerosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015, 74, 547-556.	1.7	41

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55	Paradoxical intracranial cryptococcoma in a human immunodeficiency virus-infected man being treated with combination antiretroviral therapy. <i>American Journal of Medicine</i> , 2002, 113, 155-157.	1.5	40
56	Neuropathology of Sleep Disorders: A Review. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011, 70, 243-252.	1.7	39
57	Multisite Assessment of Aging-Related Tau Astroglialopathy (ARTAG). <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 605-619.	1.7	38
58	Association of Clinical, Biological, and Brain Magnetic Resonance Imaging Findings With Electroencephalographic Findings for Patients With COVID-19. <i>JAMA Network Open</i> , 2021, 4, e211489.	5.9	38
59	Mutations in UBQLN2 are rare in French amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2012, 33, 839.e1-839.e3.	3.1	34
60	Human immunodeficiency virus type 1 DNA and RNA load in brains of demented and nondemented patients with acquired immunodeficiency syndrome. <i>Journal of NeuroVirology</i> , 1997, 3, 299-303.	2.1	31
61	Long-standing Prion Dementia Manifesting as Posterior Cortical Atrophy. <i>Alzheimer Disease and Associated Disorders</i> , 2012, 26, 289-292.	1.3	29
62	Human T-Lymphotropic Virus Type 1-Induced Overexpression of Activated Leukocyte Cell Adhesion Molecule (ALCAM) Facilitates Trafficking of Infected Lymphocytes through the Blood-Brain Barrier. <i>Journal of Virology</i> , 2016, 90, 7303-7312.	3.4	29
63	Non-invasive ultrasonic surgery of the brain in non-human primates. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 1632-1639.	1.1	26
64	Abnormal glycogen in astrocytes is sufficient to cause adult polyglucosan body disease. <i>Gene</i> , 2013, 515, 376-379.	2.2	26
65	Neuropathological assessments of the pathology in frontotemporal lobar degeneration with TDP43-positive inclusions: an inter-laboratory study by the BrainNet Europe consortium. <i>Journal of Neural Transmission</i> , 2015, 122, 957-972.	2.8	25
66	Inconstant apolipoprotein E (ApoE)-like immunoreactivity in amyloid β^2 protein deposits: relationship with APOE genotype in aging brain and Alzheimer's disease. <i>Acta Neuropathologica</i> , 1996, 92, 180-185.	7.7	24
67	Laminar spongiosis of the dentate gyrus: a sign of disconnection, present in cases of severe Alzheimer's disease. <i>Acta Neuropathologica</i> , 1998, 95, 413-420.	7.7	24
68	Coronary and Basilar Artery Ectasia Are Associated. <i>Stroke</i> , 2016, 47, 224-227.	2.0	24
69	PrP immunohistochemistry: Different protocols, including a procedure for long formalin fixation, and a proposed schematic classification for deposits in sporadic Creutzfeldt-Jakob disease. <i>Microscopy Research and Technique</i> , 2000, 50, 26-31.	2.2	23
70	Severe Demyelinating Myelopathy with Low Human T Cell Lymphotropic Virus Type 1 Expression after Transfusion in an Immunosuppressed Patient. <i>Clinical Infectious Diseases</i> , 2002, 34, 855-860.	5.8	23
71	Abnormal TDP-43 and FUS proteins in muscles of sporadic IBM: similarities in a TARDBP-linked ALS patient. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 1414-1416.	1.9	22
72	Interrupted CAG expansions in ATXN2 gene expand the genetic spectrum of frontotemporal dementias. <i>Acta Neuropathologica Communications</i> , 2018, 6, 41.	5.2	21

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73	Fatal HHV-6 associated encephalitis in an HIV-1 infected patient treated with cidofovir. <i>Journal of Infection</i> , 2006, 52, 237-242.	3.3	20
74	Genetic screening of ANXA11 revealed novel mutations linked to amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2021, 99, 102.e11-102.e20.	3.1	20
75	Accuracy of diagnosis criteria in patients with suspected diagnosis of sporadic Creutzfeldt-Jakob disease and detection of 14-3-3 protein, France, 1992 to 2009. <i>Eurosurveillance</i> , 2017, 22, .	7.0	20
76	Miliary Brain Metastases in Lung Cancer. <i>Journal of Clinical Oncology</i> , 2010, 28, e714-e716.	1.6	19
77	Increased prevalence of granulovacuolar degeneration in C9orf72 mutation. <i>Acta Neuropathologica</i> , 2019, 138, 783-793.	7.7	19
78	Transmission of amyloid-beta and tau pathologies is associated with cognitive impairments in a primate. <i>Acta Neuropathologica Communications</i> , 2021, 9, 165.	5.2	18
79	JC Virus Variant Associated with Cerebellar Atrophy in a Patient with AIDS. <i>Journal of Clinical Microbiology</i> , 2011, 49, 2196-2199.	3.9	17
80	Axonal expression of sodium channels and neuropathology of the plaques in multiple sclerosis. <i>Neuropathology and Applied Neurobiology</i> , 2014, 40, 579-590.	3.2	16
81	The wide spectrum of COVID-19 neuropsychiatric complications within a multidisciplinary centre. <i>Brain Communications</i> , 2021, 3, fcab135.	3.3	16
82	Pathway from TDP-43-Related Pathology to Neuronal Dysfunction in Amyotrophic Lateral Sclerosis and Frontotemporal Lobar Degeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3843.	4.1	16
83	Amygdala TDP-43 Pathology in Frontotemporal Lobar Degeneration and Motor Neuron Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 800-812.	1.7	14
84	Neuropathogenesis of acute coronavirus disease 2019. <i>Current Opinion in Neurology</i> , 2021, 34, 417-422.	3.6	14
85	Exclusive induction of tau2 epitope in microglia/macrophages in inflammatory lesions? tauopathy distinct from degenerative tauopathies. <i>Acta Neuropathologica</i> , 2005, 109, 159-164.	7.7	12
86	Genetic analysis of CHCHD10 in French familial amyotrophic lateral sclerosis patients. <i>Neurobiology of Aging</i> , 2016, 42, 218.e1-218.e3.	3.1	12
87	Detection and partial discrimination of atypical and classical bovine spongiform encephalopathies in cattle and primates using real-time quaking-induced conversion assay. <i>PLoS ONE</i> , 2017, 12, e0172428.	2.5	12
88	Progressive multifocal leukoencephalopathy mimicking cerebral vasculitis in systemic granulomatosis. <i>Journal of Infection</i> , 2007, 54, e133-e135.	3.3	10
89	<i>Aspergillus flavus</i> Brain Abscesses Associated with Hepatic Amebiasis in a Non-neutropenic Man in Senegal. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 81, 583-586.	1.4	10
90	Fronto-temporal lobar degeneration: neuropathology in 60 cases. <i>Journal of Neural Transmission</i> , 2011, 118, 753-764.	2.8	10

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91	Human subiculo-fornico-mamillary system in Alzheimer's disease: Tau seeding by the pillar of the fornix. <i>Acta Neuropathologica</i> , 2020, 139, 443-461.	7.7	10
92	The Amyotrophic Lateral Sclerosis M114T PFN1 Mutation Deregulates Alternative Autophagy Pathways and Mitochondrial Homeostasis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5694.	4.1	10
93	The nosology and neuropathology of human conditions related to unconventional infectious agents or prions. <i>European Journal of Neurology</i> , 1996, 3, 487-499.	3.3	9
94	Ensemencement et propagation des lésions dans les maladies neurodégénératives: un nouveau paradigme. <i>Bulletin De L'Academie Nationale De Medecine</i> , 2015, 199, 809-819.	0.0	8
95	Impact of a frequent nearsplice SOD1 variant in amyotrophic lateral sclerosis: optimising genetic screening for gene therapy opportunities. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 942-949.	1.9	7
96	Region-specific protein misfolding cyclic amplification reproduces brain tropism of prion strains. <i>Journal of Biological Chemistry</i> , 2017, 292, 16688-16696.	3.4	6
97	Frontotemporal lobar degeneration: Diversity of FTLD lesions. <i>Revue Neurologique</i> , 2013, 169, 786-792.	1.5	5
98	Progressive Supranuclear Palsy Syndrome and Semantic Dementia in Neuropathologically Proven Lewy Body Disease: A Report of Two Cases. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 95-101.	2.6	5
99	Autopsie et religions. <i>Bulletin De L'Academie Nationale De Medecine</i> , 2001, 185, 877-889.	0.0	5
100	Neuropathology of Central Nervous System Arterial Syndromes. Part I. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009, 68, 113-124.	1.7	4
101	The Dejerine Foundation. , 2018, 37, 193-196.		4
102	First European case of Creutzfeldt-Jakob disease with a PRNP G114V mutation. <i>Cortex</i> , 2019, 117, 407-413.	2.4	3
103	Neuropathology in Pitié-Salpêtrière hospital: Past, present and prospect. <i>Neuropathology</i> , 2020, 40, 3-13.	1.2	3
104	High densities of tumor necrosis factor- α in the cerebral cortex and basal ganglia in human immunodeficiency virus-1-associated cognitive/motor complex: A quantitative regional analysis study. <i>Neuropathology</i> , 1997, 17, 168-173.	1.2	1
105	The Human Tissue Bill. <i>Lancet Neurology</i> , The, 2004, 3, 685-690.	10.2	1
106	Association between a Primitive Brain Tumor and Cerebral Aspergillosis. <i>Case Reports in Medicine</i> , 2012, 2012, 1-5.	0.7	1
107	Activated leukocyte cell adhesion molecule (ALCAM) facilitates trafficking of HTLV-1 infected lymphocytes through the blood brain barrier. <i>Retrovirology</i> , 2015, 12, .	2.0	1
108	Diseases. , 2013, , 63-74.		0

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109	Genetic Creutzfeldtâ€“Jakob disease with an 8-year disease course. <i>Acta Neurologica Belgica</i> , 2018, 118, 313-314.	1.1	0
110	Neuronal loss in HIV. <i>Neurology</i> , 1994, 44, 1365.	1.1	0