Jada Lewis

List of Publications by Year
in descending order

54 papers	7,074 citations	172457 29 h-index	155660 55 g-index
57 all docs	57 docs citations	57 times ranked	8632 citing authors

#	Article	IF	Citations
1	Neurofibrillary tangles, amyotrophy and progressive motor disturbance in mice expressing mutant (P301L) tau protein. Nature Genetics, 2000, 25, 402-405.	21.4	1,254
2	CHIP and Hsp70 regulate tau ubiquitination, degradation and aggregation. Human Molecular Genetics, 2004, 13, 703-714.	2.9	613
3	Age-Dependent Neurofibrillary Tangle Formation, Neuron Loss, and Memory Impairment in a Mouse Model of Human Tauopathy (P301L). Journal of Neuroscience, 2005, 25, 10637-10647.	3.6	584
4	ERâ€“mitochondria associations are regulated by the VAPBâ€“PTPIP51 interaction and are disrupted by ALS/FTD-associated TDP-43. Nature Communications, 2014, 5, 3996.	12.8	463
5	Wild-Type Human TDP-43 Expression Causes TDP-43 Phosphorylation, Mitochondrial Aggregation, Motor Deficits, and Early Mortality in Transgenic Mice. Journal of Neuroscience, 2010, 30, 10851-10859.	3.6	457
6	Accumulation of Pathological Tau Species and Memory Loss in a Conditional Model of Tauopathy. Journal of Neuroscience, 2007, 27, 3650-3662.	3.6	438
7	Strikingly Different Clinicopathological Phenotypes Determined by Progranulin-Mutation Dosage. American Journal of Human Genetics, 2012, 90, 1102-1107.	6.2	414
8	Tau promotes neurodegeneration through global chromatin relaxation. Nature Neuroscience, 2014, 17, 357-366.	14.8	370
9	Accelerated Lipofuscinosis and Ubiquitination in Granulin Knockout Mice Suggest a Role for Progranulin in Successful Aging. American Journal of Pathology, 2010, 177, 311-324.	3.8	262
10	Induction of Tau Pathology by Intracerebral Infusion of Amyloid-Î²-Containing Brain Extract and by Amyloid-Î² Deposition in APP Ã— Tau Transgenic Mice. American Journal of Pathology, 2007, 171, 2012-2020.	3.8	239
11	Propagation of tau pathology: hypotheses, discoveries, and yet unresolved questions from experimental and human brain studies. Acta Neuropathologica, 2016, 131, 27-48.	7.7	147
12	Expression of mutant TDP-43 induces neuronal dysfunction in transgenic mice. Molecular Neurodegeneration, 2011, 6, 73.	10.8	137
13	In VivoImaging Reveals Dissociation between Caspase Activation and Acute Neuronal Death in Tangle-Bearing Neurons. Journal of Neuroscience, 2008, 28, 862-867.	3.6	132
14	Atp13a2-deficient mice exhibit neuronal ceroid lipofuscinosis, limited Î±-synuclein accumulation and age-dependent sensorimotor deficits. Human Molecular Genetics, 2013, 22, 2067-2082.	2.9	124
15	Assembly of tau in transgenic animals expressing P301L tau: alteration of phosphorylation and solubility. Journal of Neurochemistry, 2002, 83, 1498-1508.	3.9	122
16	Ultrastructural neuronal pathology in transgenic mice expressing mutant (P301L) human tau. Journal of Neurocytology, 2003, 32, 1091-1105.	1.5	115
17	In vivo silencing of alpha-synuclein using naked siRNA. Molecular Neurodegeneration, 2008, 3, 19.	10.8	114
18	Filamentous Tau in Oligodendrocytes and Astrocytes of Transgenic Mice Expressing the Human Tau Isoform with the P301L Mutation. American Journal of Pathology, 2003, 162, 213-218.	3.8	95

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19	LRRK2 phosphorylates novel tau epitopes and promotes tauopathy. Acta Neuropathologica, 2013, 126, 809-827.	7.7	85
20	Characteristics of TBS-Extractable Hyperphosphorylated Tau Species: Aggregation Intermediates in rTg4510 Mouse Brain. Journal of Alzheimer's Disease, 2012, 33, 249-263.	2.6	81
21	Targeting AÎ² and tau in Alzheimer's disease, an early interim report. Experimental Neurology, 2010, 223, 252-266.	4.1	80
22	Aging Analysis Reveals Slowed Tau Turnover and Enhanced Stress Response in a Mouse Model of Tauopathy. American Journal of Pathology, 2009, 174, 228-238.	3.8	73
23	Age-related decline in white matter integrity in a mouse model of tauopathy: an inÂvivo diffusion tensor magnetic resonance imaging study. Neurobiology of Aging, 2014, 35, 1364-1374.	3.1	58
24	Neuronal sensitivity to TDP-43 overexpression is dependent on timing of induction. Acta Neuropathologica, 2012, 123, 807-823.	7.7	46
25	Lrrk promotes tau neurotoxicity through dysregulation of actin and mitochondrial dynamics. PLoS Biology, 2018, 16, e2006265.	5.6	44
26	Apoptosis in oligodendrocytes is associated with axonal degeneration in P301L tau mice. Neurobiology of Disease, 2004, 15, 553-562.	4.4	43
27	Subcellular Localization of Matrin 3 Containing Mutations Associated with ALS and Distal Myopathy. PLoS ONE, 2015, 10, e0142144.	2.5	43
28	Unbiased screen reveals ubiquilin-1 and -2 highly associated with huntingtin inclusions. Brain Research, 2013, 1524, 62-73.	2.2	38
29	In vivo functional brain mapping in a conditional mouse model of human tauopathy (taup301l) reveals reduced neural activity in memory formation structures. Molecular Neurodegeneration, 2013, 8, 9.	10.8	35
30	Characterization of gene regulation and protein interaction networks for Matrin 3 encoding mutations linked to amyotrophic lateral sclerosis and myopathy. Scientific Reports, 2018, 8, 4049.	3.3	30
31	Changes in proteome solubility indicate widespread proteostatic disruption in mouse models of neurodegenerative disease. Acta Neuropathologica, 2018, 136, 919-938.	7.7	27
32	Anti-tau scFvs Targeted to the Cytoplasm or Secretory Pathway Variably Modify Pathology and Neurodegenerative Phenotypes. Molecular Therapy, 2021, 29, 859-872.	8.2	26
33	Effects of the C57BL/6 strain background on tauopathy progression in the rTg4510 mouse model. Molecular Neurodegeneration, 2014, 9, 8.	10.8	25
34	Studies of alternative isoforms provide insight into TDP-43 autoregulation and pathogenesis. Rna, 2015, 21, 1419-1432.	3.5	25
35	Robust cytoplasmic accumulation of phosphorylated TDP-43 in transgenic models of tauopathy. Acta Neuropathologica, 2013, 126, 39-50.	7.7	24
36	IFNâ€Î³ promotes Ï„ phosphorylation without affecting mature tangles. FASEB Journal, 2015, 29, 4384-4398.	0.5	23

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37	Divergent Phenotypes in Mutant TDP-43 Transgenic Mice Highlight Potential Confounds in TDP-43 Transgenic Modeling. PLoS ONE, 2014, 9, e86513.	2.5	23
38	Analysis of spinal and muscle pathology in transgenic mice overexpressing wild-type and ALS-linked mutant MATR3. Acta Neuropathologica Communications, 2018, 6, 137.	5.2	20
39	Physiologically relevant factors influence tau phosphorylation by leucineâ€rich repeat kinase 2. Journal of Neuroscience Research, 2015, 93, 1567-1580.	2.9	18
40	Therapeutic and diagnostic challenges for frontotemporal dementia. Frontiers in Aging Neuroscience, 2014, 6, 204.	3.4	17
41	Diversity in AÎ² deposit morphology and secondary proteome insolubility across models of Alzheimer-typeÂamyloidosis. Acta Neuropathologica Communications, 2020, 8, 43.	5.2	16
42	Heterogeneity of Matrin 3 in the developing and aging murine central nervous system. Journal of Comparative Neurology, 2016, 524, 2740-2752.	1.6	14
43	Photodynamic studies reveal rapid formation and appreciable turnover of tau inclusions. Acta Neuropathologica, 2021, 141, 359-381.	7.7	13
44	Partial loss of ATP13A2 causes selective gliosis independent of robust lipofuscinosis. Molecular and Cellular Neurosciences, 2018, 92, 17-26.	2.2	11
45	Understanding the role of progranulin in Alzheimer's disease. Nature Medicine, 2014, 20, 1099-1100.	30.7	9
46	Inefficient induction and spread of seeded tau pathology in P301L mouse model of tauopathy suggests inherent physiological barriers to transmission. Acta Neuropathologica, 2015, 130, 303-305.	7.7	9
47	Intracerebral Expression of AAV-APOE4 Is Not Sufficient to Alter Tau Burden in Two Distinct Models of Tauopathy. Molecular Neurobiology, 2020, 57, 1986-2001.	4.0	9
48	Sorting Out Frontotemporal Dementia?. Neuron, 2010, 68, 601-603.	8.1	6
49	Differential induction of mutant SOD1 misfolding and aggregation by tau and Î±-synuclein pathology. Molecular Neurodegeneration, 2018, 13, 23.	10.8	3
50	TAPPing into the potential of inducible tau/APP transgenic mice. Neuropathology and Applied Neurobiology, 2022, 48, .	3.2	3
51	Soluble brain homogenates from diverse human and mouse sources preferentially seed diffuse AÎ² plaque pathology when injected into newborn mouse hosts.. Free Neuropathology, 2022, 3, .	3.0	2
52	Generation of a new transgenic mouse model for assessment of tau gene silencing therapies. Alzheimer's Research and Therapy, 2016, 8, 36.	6.2	1
53	Designing antibodies against LRRK2-targeted tau epitopes. PLoS ONE, 2018, 13, e0204367.	2.5	1
54	Exacerbation of tau pathology by preâ€existing amyloidosis in novel transgenic mice. Alzheimer's and Dementia, 2020, 16, e042291.	0.8	0