Virginia M-Y Lee

List of Publications by Year
in descending order

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304	71,947	910 119	748 256
papers	citations	h-index	g-index

308	308	308	44343
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tau interactome maps synaptic and mitochondrial processes associated with neurodegeneration. Cell, 2022, 185, 712-728.e14.	13.5	114
2	Modeling the cellular fate of alpha-synuclein aggregates: A pathway to pathology. Current Opinion in Neurobiology, 2022, 72, 171-177.	2.0	5
3	Inhibition of CK2 mitigates Alzheimerâ€™s tau pathology by preventing NR2B synaptic mislocalization. Acta Neuropathologica Communications, 2022, 10, 30.	2.4	8
4	Single-nuclei isoform RNA sequencing unlocks barcoded exon connectivity in frozen brain tissue. Nature Biotechnology, 2022, 40, 1082-1092.	9.4	52
5	Distinct characteristics of limbic-predominant age-related TDP-43 encephalopathy in Lewy body disease. Acta Neuropathologica, 2022, 143, 15-31.	3.9	29
6	Slow motor neurons resist pathological TDP-43 and mediate motor recovery in the rNLS8 model of amyotrophic lateral sclerosis. Acta Neuropathologica Communications, 2022, 10, 75.	2.4	3
7	Fluent molecular mixing of Tau isoforms in Alzheimerâ€™s disease neurofibrillary tangles. Nature Communications, 2022, 13, .	5.8	27
8	High-Contrast InÂVivo Imaging of Tau Pathologies in Alzheimerâ€™s and Non-Alzheimerâ€™s Disease Tauopathies. Neuron, 2021, 109, 42-58.e8.	3.8	157
9	In vitro amplification of pathogenic tau conserves disease-specific bioactive characteristics. Acta Neuropathologica, 2021, 141, 193-215.	3.9	30
10	Evaluation of the Structureâ€“Activity Relationship of Microtubule-Targeting 1,2,4-Triazolo[1,5-a]pyrimidines Identifies New Candidates for Neurodegenerative Tauopathies. Journal of Medicinal Chemistry, 2021, 64, 1073-1102.	2.9	17
11	Distinct brainâ€derived TDPâ€43 strains from FTLDâ€TDP subtypes induce diverse morphological TDPâ€43 aggregates and spreading patterns in vitro and in vivo. Neuropathology and Applied Neurobiology, 2021, 47, 1033-1049.	1.8	25
12	Poly (ADP-ribose) Interacts With Phosphorylated Î±-Synuclein in Post Mortem PD Samples. Frontiers in Aging Neuroscience, 2021, 13, 704041.	1.7	14
13	Computational modeling of tau pathology spread reveals patterns of regional vulnerability and the impact of a genetic risk factor. Science Advances, 2021, 7, .	4.7	30
14	TMEM106B modifies TDP-43 pathology in human ALS brain and cell-based models of TDP-43 proteinopathy. Acta Neuropathologica, 2021, 142, 629-642.	3.9	15
15	Microglial transcriptome analysis in the rNLS8 mouse model of TDP-43 proteinopathy reveals discrete expression profiles associated with neurodegenerative progression and recovery. Acta Neuropathologica Communications, 2021, 9, 140.	2.4	25
16	LRRK2 Kinase Activity Does Not Alter Cell-Autonomous Tau Pathology Development in Primary Neurons. Journal of Parkinson's Disease, 2021, 11, 1187-1196.	1.5	5
17	Effects of microglial depletion and TREM2 deficiency on AÎ² plaque burden and neuritic plaque tau pathology in 5XFAD mice. Acta Neuropathologica Communications, 2021, 9, 150.	2.4	19
18	The development and convergence of co-pathologies in Alzheimerâ€™s disease. Brain, 2021, 144, 953-962.	3.7	76

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19	Distinct microglial response against Alzheimer's amyloid and tau pathologies characterized by P2Y12 receptor. Brain Communications, 2021, 3, fcab011.	1.5	41
20	Î±-Synuclein modulates tau spreading in mouse brains. Journal of Experimental Medicine, 2021, 218, .	4.2	49
21	Neurofilament Light Chain Related to Longitudinal Decline in Frontotemporal Lobar Degeneration. Neurology: Clinical Practice, 2021, 11, 105-116.	0.8	5
22	Alpha-synuclein from patient Lewy bodies exhibits distinct pathological activity that can be propagated in vitro. Acta Neuropathologica Communications, 2021, 9, 188.	2.4	29
23	AD-linked R47H- TREM2 mutation induces disease-enhancing microglial states via AKT hyperactivation. Science Translational Medicine, 2021, 13, eabe3947.	5.8	55
24	Transmission of tauopathy strains is independent of their isoform composition. Nature Communications, 2020, 11, 7.	5.8	121
25	Glucocerebrosidase Activity Modulates Neuronal Susceptibility to Pathological Î±-Synuclein Insult. Neuron, 2020, 105, 822-836.e7.	3.8	89
26	Amyloid-Beta (AÎ²) Plaques Promote Seeding and Spreading of Alpha-Synuclein and Tau in a Mouse Model of Lewy Body Disorders with AÎ² Pathology. Neuron, 2020, 105, 260-275.e6.	3.8	141
27	Characterization of novel conformation-selective Î±-synuclein antibodies as potential immunotherapeutic agents for Parkinson's disease. Neurobiology of Disease, 2020, 136, 104712.	2.1	31
28	Characterization of tau binding by gosuranemab. Neurobiology of Disease, 2020, 146, 105120.	2.1	36
29	Neuronal activity modulates alpha-synuclein aggregation and spreading in organotypic brain slice cultures and in vivo. Acta Neuropathologica, 2020, 140, 831-849.	3.9	37
30	Defining and predicting transdiagnostic categories of neurodegenerative disease. Nature Biomedical Engineering, 2020, 4, 787-800.	11.6	22
31	An HDAC6-dependent surveillance mechanism suppresses tau-mediated neurodegeneration and cognitive decline. Nature Communications, 2020, 11, 5522.	5.8	56
32	Modulating TRADD to restore cellular homeostasis and inhibit apoptosis. Nature, 2020, 587, 133-138.	13.7	57
33	Correction of microtubule defects within AÎ² plaqueâ€associated dystrophic axons results in lowered AÎ² release and plaque deposition. Alzheimer's and Dementia, 2020, 16, 1345-1357.	0.4	11
34	Insoluble Tau From Human FTDP-17 Cases Exhibit Unique Transmission Properties In Vivo. Journal of Neuropathology and Experimental Neurology, 2020, 79, 941-949.	0.9	6
35	Conformation-selective tau monoclonal antibodies inhibit tau pathology in primary neurons and a mouse model of Alzheimerâ€™s disease. Molecular Neurodegeneration, 2020, 15, 64.	4.4	19
36	Cell-to-Cell Transmission of Tau and Î±-Synuclein. Trends in Molecular Medicine, 2020, 26, 936-952.	3.5	91

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37	Distribution patterns of tau pathology in progressive supranuclear palsy. Acta Neuropathologica, 2020, 140, 99-119.	3.9	210
38	Tau immunophenotypes in chronic traumatic encephalopathy recapitulate those of ageing and Alzheimerâ€™s disease. Brain, 2020, 143, 1572-1587.	3.7	50
39	The Sigma-2 Receptor/TMEM97, PGRMC1, and LDL Receptor Complex Are Responsible for the Cellular Uptake of Aî²42 and Its Protein Aggregates. Molecular Neurobiology, 2020, 57, 3803-3813.	1.9	49
40	Protein transmission in neurodegenerative disease. Nature Reviews Neurology, 2020, 16, 199-212.	4.9	330
41	Nasal vaccine delivery attenuates brain pathology and cognitive impairment in tauopathy model mice. Npj Vaccines, 2020, 5, 28.	2.9	15
42	Thorn-shaped astrocytes in the depth of cortical sulci in Western Pacific ALS/Parkinsonism-Dementia complex. Acta Neuropathologica, 2020, 140, 591-593.	3.9	4
43	Synthesis and characterization of high affinity fluorogenic Î±-synuclein probes. Chemical Communications, 2020, 56, 3567-3570.	2.2	24
44	Compound screening in cell-based models of tau inclusion formation: Comparison of primary neuron and HEK293 cell assays. Journal of Biological Chemistry, 2020, 295, 4001-4013.	1.6	10
45	Brain Microvascular Pericytes in Vascular Cognitive Impairment and Dementia. Frontiers in Aging Neuroscience, 2020, 12, 80.	1.7	139
46	Human tau pathology transmits glial tau aggregates in the absence of neuronal tau. Journal of Experimental Medicine, 2020, 217, .	4.2	73
47	Type I interferon response drives neuroinflammation and synapse loss in Alzheimer disease. Journal of Clinical Investigation, 2020, 130, 1912-1930.	3.9	268
48	Cognitive and Pathological Influences of Tau Pathology in Lewy Body Disorders. Annals of Neurology, 2019, 85, 259-271.	2.8	88
49	Cerebrospinal Fluid Total and Phosphorylated Î±-Synuclein in Patients with Creutzfeldtâ€“Jakob Disease and Synucleinopathy. Molecular Neurobiology, 2019, 56, 3476-3483.	1.9	26
50	C9orf72 intermediate repeats are associated with corticobasal degeneration, increased C9orf72 expression and disruption of autophagy. Acta Neuropathologica, 2019, 138, 795-811.	3.9	50
51	Spread of Î±-synuclein pathology through the brain connectome is modulated by selective vulnerability and predicted by network analysis. Nature Neuroscience, 2019, 22, 1248-1257.	7.1	187
52	Impact of TREM2 risk variants on brain region-specific immune activation and plaque microenvironment in Alzheimerâ€™s disease patient brain samples. Acta Neuropathologica, 2019, 138, 613-630.	3.9	68
53	Humanization of the entire murine Mapt gene provides a murine model of pathological human tau propagation. Journal of Biological Chemistry, 2019, 294, 12754-12765.	1.6	114
54	Intrastriatal alpha-synuclein fibrils in monkeys: spreading, imaging and neuropathological changes. Brain, 2019, 142, 3565-3579.	3.7	80

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55	Slow Progressive Accumulation of Oligodendroglial Alpha-Synuclein (Î±-Syn) Pathology in Synthetic Î±-Syn Fibril-Induced Mouse Models of Synucleinopathy. Journal of Neuropathology and Experimental Neurology, 2019, 78, 877-890.	0.9	46
56	Genetic predictors of survival in behavioral variant frontotemporal degeneration. Neurology, 2019, 93, e1707-e1714.	1.5	11
57	TREM2 function impedes tau seeding in neuritic plaques. Nature Neuroscience, 2019, 22, 1217-1222.	7.1	190
58	Î±-Synuclein pathology in Parkinsonâ€™s disease and related Î±-synucleinopathies. Neuroscience Letters, 2019, 709, 134316.	1.0	177
59	Drosophila Ref1/ALYREF regulates transcription and toxicity associated with ALS/FTD disease etiologies. Acta Neuropathologica Communications, 2019, 7, 65.	2.4	20
60	Î±-Synuclein (Î±Syn) Preformed Fibrils Induce Endogenous Î±Syn Aggregation, Compromise Synaptic Activity and Enhance Synapse Loss in Cultured Excitatory Hippocampal Neurons. Journal of Neuroscience, 2019, 39, 5080-5094.	1.7	76
61	eIF4B and eIF4H mediate GR production from expanded G4C2 in a Drosophila model for C9orf72-associated ALS. Acta Neuropathologica Communications, 2019, 7, 62.	2.4	38
62	Detection of Alzheimerâ€™s disease (AD) specific tau pathology with conformation-selective anti-tau monoclonal antibody in co-morbid frontotemporal lobar degeneration-tau (FTLD-tau). Acta Neuropathologica Communications, 2019, 7, 34.	2.4	27
63	LRRK2 inhibition does not impart protection from Î±-synuclein pathology and neuron death in non-transgenic mice. Acta Neuropathologica Communications, 2019, 7, 28.	2.4	39
64	Stereotaxic Targeting of Alpha-Synuclein Pathology in Mouse Brain Using Preformed Fibrils. Methods in Molecular Biology, 2019, 1948, 45-57.	0.4	21
65	Transmission of Î±-synuclein seeds in neurodegenerative disease: recent developments. Laboratory Investigation, 2019, 99, 971-981.	1.7	74
66	Alzheimerâ€™s disease tau is a prominent pathology in LRRK2 Parkinsonâ€™s disease. Acta Neuropathologica Communications, 2019, 7, 183.	2.4	101
67	Neuroimmune interactions in Alzheimer's diseaseâ€”New frontier with old challenges?. Progress in Molecular Biology and Translational Science, 2019, 168, 183-201.	0.9	12
68	Activity of the poly(A) binding protein MSUT2 determines susceptibility to pathological tau in the mammalian brain. Science Translational Medicine, 2019, 11, .	5.8	30
69	Mechanisms of Cell-to-Cell Transmission of Pathological Tau. JAMA Neurology, 2019, 76, 101.	4.5	162
70	Reduction of matrix metalloproteinase 9 (MMP-9) protects motor neurons from TDP-43-triggered death in rNLS8 mice. Neurobiology of Disease, 2019, 124, 133-140.	2.1	28
71	A â€œClickableâ€•Photoconvertible Small Fluorescent Molecule as a Minimalist Probe for Tracking Individual Biomolecule Complexes. Journal of the American Chemical Society, 2019, 141, 1893-1897.	6.6	40
72	Elevated CSF GAPâ€43 is Alzheimer's disease specific and associated with tau and amyloid pathology. Alzheimer's and Dementia, 2019, 15, 55-64.	0.4	97

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73	Association of Cerebrospinal Fluid Neurofilament Light Protein Levels With Cognition in Patients With Dementia, Motor Neuron Disease, and Movement Disorders. JAMA Neurology, 2019, 76, 318.	4.5	161
74	UNC13A polymorphism contributes to frontotemporal disease in sporadic amyotrophic lateral sclerosis. Neurobiology of Aging, 2019, 73, 190-199.	1.5	31
75	Microglia-mediated recovery from ALS-relevant motor neuron degeneration in a mouse model of TDP-43 proteinopathy. Nature Neuroscience, 2018, 21, 329-340.	7.1	220
76	Measurements of autoâ€antibodies to Î±â€synuclein in the serum and cerebral spinal fluids of patients with Parkinson's disease. Journal of Neurochemistry, 2018, 145, 489-503.	2.1	47
77	Differential Î±-synuclein expression contributes to selective vulnerability of hippocampal neuron subpopulations to fibril-induced toxicity. Acta Neuropathologica, 2018, 135, 855-875.	3.9	94
78	Detection of Alzheimer Disease (AD)-Specific Tau Pathology in AD and NonAD Tauopathies by Immunohistochemistry With Novel Conformation-Selective Tau Antibodies. Journal of Neuropathology and Experimental Neurology, 2018, 77, 216-228.	0.9	69
79	Asymmetry of post-mortem neuropathology in behavioural-variant frontotemporal dementia. Brain, 2018, 141, 288-301.	3.7	56
80	Cerebrospinal fluid neurogranin concentration in neurodegeneration: relation to clinical phenotypes and neuropathology. Acta Neuropathologica, 2018, 136, 363-376.	3.9	114
81	Distinct Î±-Synuclein strains and implications for heterogeneity among Î±-Synucleinopathies. Neurobiology of Disease, 2018, 109, 209-218.	2.1	121
82	Spread of aggregates after olfactory bulb injection of Î±-synuclein fibrils is associated with early neuronal loss and is reduced long term. Acta Neuropathologica, 2018, 135, 65-83.	3.9	154
83	P1â€139: THE CONTRIBUTION OF SEXâ€SPECIFIC ASSOCIATIONS IN GENETIC STUDIES OF ALZHEIMER'S DISEASE PATHOLOGY. Alzheimer's and Dementia, 2018, 14, P327.	0.4	0
84	A brain-penetrant triazolopyrimidine enhances microtubule-stability, reduces axonal dysfunction and decreases tau pathology in a mouse tauopathy model. Molecular Neurodegeneration, 2018, 13, 59.	4.4	27
85	Aberrant activation of non-coding RNA targets of transcriptional elongation complexes contributes to TDP-43 toxicity. Nature Communications, 2018, 9, 4406.	5.8	40
86	Patient-derived frontotemporal lobar degeneration brain extracts induce formation and spreading of TDP-43 pathology in vivo. Nature Communications, 2018, 9, 4220.	5.8	176
87	Converging Patterns of Î±-Synuclein Pathology in Multiple System Atrophy. Journal of Neuropathology and Experimental Neurology, 2018, 77, 1005-1016.	0.9	26
88	Amyloid-Î² plaques enhance Alzheimer's brain tau-seeded pathologies by facilitating neuritic plaque tau aggregation. Nature Medicine, 2018, 24, 29-38.	15.2	433
89	Sex-specific genetic predictors of Alzheimerâ€™s disease biomarkers. Acta Neuropathologica, 2018, 136, 857-872.	3.9	87
90	Sequential stages and distribution patterns of aging-related tau astrogliopathy (ARTAG) in the human brain. Acta Neuropathologica Communications, 2018, 6, 50.	2.4	77

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91	Best Practices for Generating and Using Alpha-Synuclein Pre-Formed Fibrils to Model Parkinsonâ€™s Disease in Rodents. Journal of Parkinson's Disease, 2018, 8, 303-322.	1.5	151
92	Cellular milieu imparts distinct pathological Î±-synuclein strains in Î±-synucleinopathies. Nature, 2018, 557, 558-563.	13.7	457
93	LRRK2 activity does not dramatically alter Î±-synuclein pathology in primary neurons. Acta Neuropathologica Communications, 2018, 6, 45.	2.4	34
94	TFEB enhances astroglial uptake of extracellular tau species and reduces tau spreading. Journal of Experimental Medicine, 2018, 215, 2355-2377.	4.2	173
95	Neurodegenerative disease concomitant proteinopathies are prevalent, age-related and APOE4-associated. Brain, 2018, 141, 2181-2193.	3.7	448
96	Non-Alzheimerâ€™s contributions to dementia and cognitive resilience in The 90+ Study. Acta Neuropathologica, 2018, 136, 377-388.	3.9	112
97	Selective imaging of internalized proteopathic Î±-synuclein seeds in primary neurons reveals mechanistic insight into transmission of synucleinopathies. Journal of Biological Chemistry, 2017, 292, 13482-13497.	1.6	131
98	Unbiased Proteomics of Early Lewy Body Formation Model Implicates Active Microtubule Affinity-Regulating Kinases (MARKs) in Synucleinopathies. Journal of Neuroscience, 2017, 37, 5870-5884.	1.7	30
99	Diagnosis and management of dementia with Lewy bodies. Neurology, 2017, 89, 88-100.	1.5	2,805
100	Evaluating the Patterns of Aging-Related Tau Astrogliopathy Unravels Novel Insights Into Brain Aging and Neurodegenerative Diseases. Journal of Neuropathology and Experimental Neurology, 2017, 76, 270-288.	0.9	98
101	Novel conformationâ€selective alphaâ€synuclein antibodies raised against different in vitro fibril forms show distinct patterns of Lewy pathology in Parkinson's disease. Neuropathology and Applied Neurobiology, 2017, 43, 604-620.	1.8	51
102	Altered microtubule dynamics in neurodegenerative disease: Therapeutic potential of microtubule-stabilizing drugs. Neurobiology of Disease, 2017, 105, 328-335.	2.1	74
103	GFP-Mutant Human Tau Transgenic Mice Develop Tauopathy Following CNS Injections of Alzheimer's Brain-Derived Pathological Tau or Synthetic Mutant Human Tau Fibrils. Journal of Neuroscience, 2017, 37, 11485-11494.	1.7	28
104	Pathological Tau Strains from Human Brains Recapitulate the Diversity of Tauopathies in Nontransgenic Mouse Brain. Journal of Neuroscience, 2017, 37, 11406-11423.	1.7	284
105	Modeling Parkinsonâ€™s disease pathology by combination of fibril seeds and Î±-synuclein overexpression in the rat brain. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8284-E8293.	3.3	161
106	[PLâ€04â€“02â€“01]: CELLâ€TOâ€CELL TRANSMISSION OF PATHOLOGICAL TAU: A POTENTIAL MECHANISM OF DISEASE PROGRESSION IN ALZHEIMER'S AND OTHER TAUOPATHIES. Alzheimer's and Dementia, 2017, 13, P1224.	0.4	0
107	TDP-43 Promotes Neurodegeneration by Impairing Chromatin Remodeling. Current Biology, 2017, 27, 3579-3590.e6.	1.8	63
108	Distinct binding of PET ligands PBB3 and AV-1451 to tau fibril strains in neurodegenerative tauopathies. Brain, 2017, 140, aww339.	3.7	153

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109	Evaluation of Oxetan-3-ol, Thietan-3-ol, and Derivatives Thereof as Bioisosteres of the Carboxylic Acid Functional Group. ACS Medicinal Chemistry Letters, 2017, 8, 864-868.	1.3	32
110	TDP-43 Depletion in Microglia Promotes Amyloid Clearance but Also Induces Synapse Loss. Neuron, 2017, 95, 297-308.e6.	3.8	171
111	The use of mouse models to study cell-to-cell transmission of pathological tau. Methods in Cell Biology, 2017, 141, 287-305.	0.5	14
112	Neuron loss and degeneration in the progression of TDP-43 in frontotemporal lobar degeneration. Acta Neuropathologica Communications, 2017, 5, 68.	2.4	34
113	Deep clinical and neuropathological phenotyping of <scp>P</scp>ick disease. Annals of Neurology, 2016, 79, 272-287.	2.8	146
114	Calcium dysregulation contributes to neurodegeneration in FTLD patient iPSC-derived neurons. Scientific Reports, 2016, 6, 34904.	1.6	67
115	P2â€163: Performance Evaluation of New Absorbanceâ€Based Elisas for Measuring Different Alphaâ€Synuclein (Aâ€SYN) Species in CSF and Plasma. Alzheimer's and Dementia, 2016, 12, P677.	0.4	1
116	ICâ€Pâ€186: [¹¹C]PBB3 PET Visualizes TAU Aggregates in Patients with FTDPâ€17 MAPT Gene Mutation. Alzheimer's and Dementia, 2016, 12, P135.	0.4	2
117	The Dynamics and Turnover of Tau Aggregates in Cultured Cells. Journal of Biological Chemistry, 2016, 291, 13175-13193.	1.6	59
118	Molecular and Biological Compatibility with Host Alpha-Synuclein Influences Fibril Pathogenicity. Cell Reports, 2016, 16, 3373-3387.	2.9	141
119	Cognitive reserve in frontotemporal degeneration. Neurology, 2016, 87, 1813-1819.	1.5	40
120	Widespread transneuronal propagation of Î±-synucleinopathy triggered in olfactory bulb mimics prodromal Parkinsonâ€™s disease. Journal of Experimental Medicine, 2016, 213, 1759-1778.	4.2	309
121	Selective Motor Neuron Resistance and Recovery in a New Inducible Mouse Model of TDP-43 Proteinopathy. Journal of Neuroscience, 2016, 36, 7707-7717.	1.7	62
122	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.	0.4	0
123	Unique pathological tau conformers from Alzheimerâ€™s brains transmit tau pathology in nontransgenic mice. Journal of Experimental Medicine, 2016, 213, 2635-2654.	4.2	310
124	Therapeutic strategies for the treatment of tauopathies: Hopes and challenges. Alzheimer's and Dementia, 2016, 12, 1051-1065.	0.4	91
125	Evaluation of the brain-penetrant microtubule-stabilizing agent, dictyostatin, in the PS19 tau transgenic mouse model of tauopathy. Acta Neuropathologica Communications, 2016, 4, 106.	2.4	45
126	Multimodal evaluation demonstrates in vivo 18F-AV-1451 uptake in autopsy-confirmed corticobasal degeneration. Acta Neuropathologica, 2016, 132, 935-937.	3.9	81

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127	Progression of motor neuron disease is accelerated and the ability to recover is compromised with advanced age in rNLS8 mice. Acta Neuropathologica Communications, 2016, 4, 105.	2.4	16
128	Activation of HIPK2 Promotes ER Stress-Mediated Neurodegeneration in Amyotrophic Lateral Sclerosis. Neuron, 2016, 91, 41-55.	3.8	75
129	Solid-state NMR structure of a pathogenic fibril of full-length human Î±-synuclein. Nature Structural and Molecular Biology, 2016, 23, 409-415.	3.6	802
130	Comparison of strategies for non-perturbing labeling of Î±-synuclein to study amyloidogenesis. Organic and Biomolecular Chemistry, 2016, 14, 1584-1592.	1.5	37
131	Conserved Lysine Acetylation within the Microtubule-Binding Domain Regulates MAP2/Tau Family Members. PLoS ONE, 2016, 11, e0168913.	1.1	16
132	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.	2.4	14
133	Frontotemporal lobar degeneration: defining phenotypic diversity through personalized medicine. Acta Neuropathologica, 2015, 129, 469-491.	3.9	218
134	Spreading of pathology in neurodegenerative diseases: a focus on human studies. Nature Reviews Neuroscience, 2015, 16, 109-120.	4.9	611
135	Functional recovery in new mouse models of ALS/FTLD after clearance of pathological cytoplasmic TDP-43. Acta Neuropathologica, 2015, 130, 643-660.	3.9	215
136	Tau pathology spread in PS19 tau transgenic mice following locus coeruleus (LC) injections of synthetic tau fibrils is determined by the LCâ€™s afferent and efferent connections. Acta Neuropathologica, 2015, 130, 349-362.	3.9	174
137	Differential induction and spread of tau pathology in young PS19 tau transgenic mice following intracerebral injections of pathological tau from Alzheimerâ€™s disease or corticobasal degeneration brains. Acta Neuropathologica, 2015, 129, 221-237.	3.9	211
138	Drosha Inclusions Are New Components of Dipeptide-Repeat Protein Aggregates in FTLD-TDP and ALSC9orf72Expansion Cases. Journal of Neuropathology and Experimental Neurology, 2015, 74, 380-387.	0.9	28
139	High copy wildtype human 1N4R tau expression promotes early pathological tauopathy accompanied by cognitive deficits without progressive neurofibrillary degeneration. Acta Neuropathologica Communications, 2015, 3, 33.	2.4	18
140	An insoluble frontotemporal lobar degeneration-associated TDP-43 C-terminal fragment causes neurodegeneration and hippocampus pathology in transgenic mice. Human Molecular Genetics, 2015, 24, 7241-7254.	1.4	39
141	Intracerebral injection of preformed synthetic tau fibrils initiates widespread tauopathy and neuronal loss in the brains of tau transgenic mice. Neurobiology of Disease, 2015, 73, 83-95.	2.1	168
142	Passive Immunization with Phospho-Tau Antibodies Reduces Tau Pathology and Functional Deficits in Two Distinct Mouse Tauopathy Models. PLoS ONE, 2015, 10, e0125614.	1.1	124
143	Transcriptomic Changes Due to Cytoplasmic TDP-43 Expression Reveal Dysregulation of Histone Transcripts and Nuclear Chromatin. PLoS ONE, 2015, 10, e0141836.	1.1	40
144	Perforant path synaptic loss correlates with cognitive impairment and Alzheimer's disease in the oldest-old. Brain, 2014, 137, 2578-2587.	3.7	132

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145	Myelin oligodendrocyte basic protein and prognosis in behavioral-variant frontotemporal dementia. Neurology, 2014, 83, 502-509.	1.5	26
146	Selective clearance of aberrant tau proteins and rescue of neurotoxicity by transcription factor EB. EMBO Molecular Medicine, 2014, 6, 1142-1160.	3.3	297
147	Phosphorylated Tau as a Candidate Biomarker for Amyotrophic Lateral Sclerosis. JAMA Neurology, 2014, 71, 442.	4.5	74
148	Sequential distribution of pTDP-43 pathology in behavioral variant frontotemporal dementia (bvFTD). Acta Neuropathologica, 2014, 127, 423-439.	3.9	237
149	Modeling Lewy pathology propagation in Parkinson's disease. Parkinsonism and Related Disorders, 2014, 20, S85-S87.	1.1	104
150	Therapeutic modulation of eIF2Î± phosphorylation rescues TDP-43 toxicity in amyotrophic lateral sclerosis disease models. Nature Genetics, 2014, 46, 152-160.	9.4	321
151	Formation of Î±-synuclein Lewy neuriteâ€“like aggregates in axons impedes the transport of distinct endosomes. Molecular Biology of the Cell, 2014, 25, 4010-4023.	0.9	202
152	Cell-to-cell transmission of pathogenic proteins in neurodegenerative diseases. Nature Medicine, 2014, 20, 130-138.	15.2	547
153	Î±-Synuclein Immunotherapy Blocks Uptake and Templated Propagation of Misfolded Î±-Synuclein and Neurodegeneration. Cell Reports, 2014, 7, 2054-2065.	2.9	287
154	In vivo measurement of glutamate loss is associated with synapse loss in a mouse model of tauopathy. NeuroImage, 2014, 101, 185-192.	2.1	57
155	Addition of exogenous Î±-synuclein preformed fibrils to primary neuronal cultures to seed recruitment of endogenous Î±-synuclein to Lewy body and Lewy neuriteâ€“like aggregates. Nature Protocols, 2014, 9, 2135-2146.	5.5	496
156	Novel monoclonal antibodies to normal and pathologically altered human TDP-43 proteins. Acta Neuropathologica Communications, 2014, 2, 33.	2.4	25
157	Potent, Long-Acting Cyclopentane-1,3-Dione Thromboxane (A₂)-Receptor Antagonists. ACS Medicinal Chemistry Letters, 2014, 5, 1015-1020.	1.3	6
158	A platform for discovery: The University of Pennsylvania Integrated Neurodegenerative Disease Biobank. Alzheimer's and Dementia, 2014, 10, 477.	0.4	167
159	Microtubule-stabilizing agents as potential therapeutics for neurodegenerative disease. Bioorganic and Medicinal Chemistry, 2014, 22, 5040-5049.	1.4	87
160	Genetic and neuroanatomic associations in sporadic frontotemporal lobar degeneration. Neurobiology of Aging, 2014, 35, 1473-1482.	1.5	43
161	Parkinson's disease dementia: convergence of Î±-synuclein, tau and amyloid-Î² pathologies. Nature Reviews Neuroscience, 2013, 14, 626-636.	4.9	673
162	MT-Stabilizer, Dictyostatin, Exhibits Prolonged Brain Retention and Activity: Potential Therapeutic Implications. ACS Medicinal Chemistry Letters, 2013, 4, 886-889.	1.3	33

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