Virginia M-Y Lee

List of Publications by Year
in descending order

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304	71,947	735 120	632 257
papers	citations	h-index	g-index

308	308	308	40411
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Î±-Synuclein in Lewy bodies. Nature, 1997, 388, 839-840.	27.8	7,181
2	Ubiquitinated TDP-43 in Frontotemporal Lobar Degeneration and Amyotrophic Lateral Sclerosis. Science, 2006, 314, 130-133.	12.6	5,422
3	Diagnosis and management of dementia with Lewy bodies. Neurology, 2017, 89, 88-100.	1.1	2,805
4	Neurodegenerative Tauopathies. Annual Review of Neuroscience, 2001, 24, 1121-1159.	10.7	2,416
5	Pathological Î±-Synuclein Transmission Initiates Parkinson-like Neurodegeneration in Nontransgenic Mice. Science, 2012, 338, 949-953.	12.6	2,024
6	Tau-mediated neurodegeneration in Alzheimer's disease and related disorders. Nature Reviews Neuroscience, 2007, 8, 663-672.	10.2	1,866
7	Cerebrospinal fluid biomarker signature in Alzheimer's disease neuroimaging initiative subjects. Annals of Neurology, 2009, 65, 403-413.	5.3	1,803
8	Synapse Loss and Microglial Activation Precede Tangles in a P301S Tauopathy Mouse Model. Neuron, 2007, 53, 337-351.	8.1	1,696
9	A68: a Major Subunit of Paired Helical Filaments and Derivatized Forms of Normal Tau. Science, 1991, 251, 675-678.	12.6	1,441
10	Exogenous Î±-Synuclein Fibrils Induce Lewy Body Pathology Leading to Synaptic Dysfunction and Neuron Death. Neuron, 2011, 72, 57-71.	8.1	1,249
11	Neuronal Î±-Synucleinopathy with Severe Movement Disorder in Mice Expressing A53T Human Î±-Synuclein. Neuron, 2002, 34, 521-533.	8.1	1,094
12	Intracerebral inoculation of pathological Î±-synuclein initiates a rapidly progressive neurodegenerative Î±-synucleinopathy in mice. Journal of Experimental Medicine, 2012, 209, 975-986.	8.5	910
13	A Hydrophobic Stretch of 12 Amino Acid Residues in the Middle of Î±-Synuclein Is Essential for Filament Assembly. Journal of Biological Chemistry, 2001, 276, 2380-2386.	3.4	865
14	Stages of pTDPâ€43 pathology in amyotrophic lateral sclerosis. Annals of Neurology, 2013, 74, 20-38.	5.3	820
15	Solid-state NMR structure of a pathogenic fibril of full-length human Î±-synuclein. Nature Structural and Molecular Biology, 2016, 23, 409-415.	8.2	802
16	Synucleins Are Developmentally Expressed, and Î±-Synuclein Regulates the Size of the Presynaptic Vesicular Pool in Primary Hippocampal Neurons. Journal of Neuroscience, 2000, 20, 3214-3220.	3.6	795
17	Initiation and Synergistic Fibrillization of Tau and Alpha-Synuclein. Science, 2003, 300, 636-640.	12.6	791
18	Exogenous Î±-synuclein fibrils seed the formation of Lewy body-like intracellular inclusions in cultured cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20051-20056.	7.1	783

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19	Parkinson's disease dementia: convergence of Î±-synuclein, tau and amyloid-Î² pathologies. Nature Reviews Neuroscience, 2013, 14, 626-636.	10.2	673
20	Glial cytoplasmic inclusions in white matter oligodendrocytes of multiple system atrophy brains contain insoluble ?-synuclein. Annals of Neurology, 1998, 44, 415-422.	5.3	633
21	Spreading of pathology in neurodegenerative diseases: a focus on human studies. Nature Reviews Neuroscience, 2015, 16, 109-120.	10.2	611
22	Distinct Î±-Synuclein Strains Differentially Promote Tau Inclusions in Neurons. Cell, 2013, 154, 103-117.	28.9	574
23	Gains or losses: molecular mechanisms of TDP43-mediated neurodegeneration. Nature Reviews Neuroscience, 2012, 13, 38-50.	10.2	568
24	Age-Dependent Emergence and Progression of a Tauopathy in Transgenic Mice Overexpressing the Shortest Human Tau Isoform. Neuron, 1999, 24, 751-762.	8.1	564
25	The acetylation of tau inhibits its function and promotes pathological tau aggregation. Nature Communications, 2011, 2, 252.	12.8	554
26	Synthetic Tau Fibrils Mediate Transmission of Neurofibrillary Tangles in a Transgenic Mouse Model of Alzheimer's-Like Tauopathy. Journal of Neuroscience, 2013, 33, 1024-1037.	3.6	548
27	Cell-to-cell transmission of pathogenic proteins in neurodegenerative diseases. Nature Medicine, 2014, 20, 130-138.	30.7	547
28	Seeding of Normal Tau by Pathological Tau Conformers Drives Pathogenesis of Alzheimer-like Tangles. Journal of Biological Chemistry, 2011, 286, 15317-15331.	3.4	538
29	Disturbance of Nuclear and Cytoplasmic TAR DNA-binding Protein (TDP-43) Induces Disease-like Redistribution, Sequestration, and Aggregate Formation. Journal of Biological Chemistry, 2008, 283, 13302-13309.	3.4	509
30	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.	12.0	496
31	Lewy Bodies Contain Altered Î±-Synuclein in Brains of Many Familial Alzheimer's Disease Patients with Mutations in Presenilin and Amyloid Precursor Protein Genes. American Journal of Pathology, 1998, 153, 1365-1370.	3.8	484
32	Phosphorylation of S409/410 of TDP-43 is a consistent feature in all sporadic and familial forms of TDP-43 proteinopathies. Acta Neuropathologica, 2009, 117, 137-149.	7.7	466
33	Cellular milieu imparts distinct pathological Î±-synuclein strains in Î±-synucleinopathies. Nature, 2018, 557, 558-563.	27.8	457
34	Neurodegenerative disease concomitant proteinopathies are prevalent, age-related and APOE4-associated. Brain, 2018, 141, 2181-2193.	7.6	448
35	Mechanisms of Parkinson's Disease Linked to Pathological Î±-Synuclein: New Targets for Drug Discovery. Neuron, 2006, 52, 33-38.	8.1	437
36	Amyloid-Î² plaques enhance Alzheimer's brain tau-seeded pathologies by facilitating neuritic plaque tau aggregation. Nature Medicine, 2018, 24, 29-38.	30.7	433

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37	Neuropathologic substrates of Parkinson disease dementia. Annals of Neurology, 2012, 72, 587-598.	5.3	401
38	Increased F₂â€isoprostanes in Alzheimer's disease: evidence for enhanced lipid peroxidationin vivo. FASEB Journal, 1998, 12, 1777-1783.	0.5	396
39	TAR DNA-binding protein 43 in neurodegenerative disease. Nature Reviews Neurology, 2010, 6, 211-220.	10.1	396
40	Dysregulation of the ALS-associated gene TDP-43 leads to neuronal death and degeneration in mice. Journal of Clinical Investigation, 2011, 121, 726-738.	8.2	343
41	Protein transmission in neurodegenerative disease. Nature Reviews Neurology, 2020, 16, 199-212.	10.1	330
42	Concomitant TAR-DNA-Binding Protein 43 Pathology Is Present in Alzheimer Disease and Corticobasal Degeneration but Not in Other Tauopathies. Journal of Neuropathology and Experimental Neurology, 2008, 67, 555-564.	1.7	328
43	The Microtubule-Stabilizing Agent, Epothilone D, Reduces Axonal Dysfunction, Neurotoxicity, Cognitive Deficits, and Alzheimer-Like Pathology in an Interventional Study with Aged Tau Transgenic Mice. Journal of Neuroscience, 2012, 32, 3601-3611.	3.6	325
44	Therapeutic modulation of eIF2Î± phosphorylation rescues TDP-43 toxicity in amyotrophic lateral sclerosis disease models. Nature Genetics, 2014, 46, 152-160.	21.4	321
45	Role of Î±-Synuclein Carboxy-Terminus on Fibril Formation in Vitroâ€. Biochemistry, 2003, 42, 8530-8540.	2.5	314
46	Expression profile of transcripts in Alzheimer's disease tangle-bearing CA1 neurons. Annals of Neurology, 2000, 48, 77-87.	5.3	310
47	Unique pathological tau conformers from Alzheimerâ€™s brains transmit tau pathology in nontransgenic mice. Journal of Experimental Medicine, 2016, 213, 2635-2654.	8.5	310
48	In VivoMicrodialysis Reveals Age-Dependent Decrease of Brain Interstitial Fluid Tau Levels in P301S Human Tau Transgenic Mice. Journal of Neuroscience, 2011, 31, 13110-13117.	3.6	309
49	Widespread transneuronal propagation of Î±-synucleinopathy triggered in olfactory bulb mimics prodromal Parkinsonâ€™s disease. Journal of Experimental Medicine, 2016, 213, 1759-1778.	8.5	309
50	Loss of murine TDP-43 disrupts motor function and plays an essential role in embryogenesis. Acta Neuropathologica, 2010, 119, 409-419.	7.7	308
51	Expression of TDP-43 C-terminal Fragments in Vitro Recapitulates Pathological Features of TDP-43 Proteinopathies. Journal of Biological Chemistry, 2009, 284, 8516-8524.	3.4	304
52	Novel antibodies to synuclein show abundant striatal pathology in Lewy body diseases. Annals of Neurology, 2002, 52, 205-210.	5.3	300
53	Selective clearance of aberrant tau proteins and rescue of neurotoxicity by transcription factor EB. EMBO Molecular Medicine, 2014, 6, 1142-1160.	6.9	297
54	Pathological Heterogeneity of Frontotemporal Lobar Degeneration with Ubiquitin-Positive Inclusions Delineated by Ubiquitin Immunohistochemistry and Novel Monoclonal Antibodies. American Journal of Pathology, 2006, 169, 1343-1352.	3.8	296

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55	Tau in cerebrospinal fluid: A potential diagnostic marker in Alzheimer's disease. Annals of Neurology, 1995, 38, 649-652.	5.3	293
56	Antibodies to ?-synuclein detect Lewy bodies in many Down's syndrome brains with Alzheimer's disease. Annals of Neurology, 1999, 45, 353-357.	5.3	289
57	Î±-Synuclein Immunotherapy Blocks Uptake and Templated Propagation of Misfolded Î±-Synuclein and Neurodegeneration. Cell Reports, 2014, 7, 2054-2065.	6.4	287
58	Enrichment of C-Terminal Fragments in TAR DNA-Binding Protein-43 Cytoplasmic Inclusions in Brain but not in Spinal Cord of Frontotemporal Lobar Degeneration and Amyotrophic Lateral Sclerosis. American Journal of Pathology, 2008, 173, 182-194.	3.8	284
59	Pathological Tau Strains from Human Brains Recapitulate the Diversity of Tauopathies in Nontransgenic Mouse Brain. Journal of Neuroscience, 2017, 37, 11406-11423.	3.6	284
60	Mouse Model of Multiple System Atrophy Î±-Synuclein Expression in Oligodendrocytes Causes Glial and Neuronal Degeneration. Neuron, 2005, 45, 847-859.	8.1	277
61	Neuropathology of synuclein aggregates. Journal of Neuroscience Research, 2000, 61, 121-127.	2.9	275
62	Fatal attractions: abnormal protein aggregation and neuron death in Parkinson's disease and Lewy body dementia. Cell Death and Differentiation, 1998, 5, 832-837.	11.2	272
63	Type I interferon response drives neuroinflammation and synapse loss in Alzheimer disease. Journal of Clinical Investigation, 2020, 130, 1912-1930.	8.2	268
64	Neurofilaments and Orthograde Transport Are Reduced in Ventral Root Axons of Transgenic Mice that Express Human SOD1 with a G93A Mutation. Journal of Cell Biology, 1997, 139, 1307-1315.	5.2	267
65	Update on the biomarker core of the Alzheimer's Disease Neuroimaging Initiative subjects. Alzheimer's and Dementia, 2010, 6, 230-238.	0.8	256
66	Qualification of the analytical and clinical performance of CSF biomarker analyses in ADNI. Acta Neuropathologica, 2011, 121, 597-609.	7.7	256
67	Lewy Body-like Î±-Synuclein Aggregates Resist Degradation and Impair Macroautophagy. Journal of Biological Chemistry, 2013, 288, 15194-15210.	3.4	254
68	Evidence of Multisystem Disorder in Whole-Brain Map of Pathological TDP-43 in Amyotrophic Lateral Sclerosis. Archives of Neurology, 2008, 65, 636-41.	4.5	251
69	Sequential distribution of pTDP-43 pathology in behavioral variant frontotemporal dementia (bvFTD). Acta Neuropathologica, 2014, 127, 423-439.	7.7	237
70	Parahippocampal tau pathology in healthy aging, mild cognitive impairment, and early Alzheimer's disease. Annals of Neurology, 2002, 51, 182-189.	5.3	232
71	Clinical and Pathological Continuum of Multisystem TDP-43 Proteinopathies. Archives of Neurology, 2009, 66, 180-9.	4.5	232
72	Altered Tau and Neurofilament Proteins in Neuroâ€Degenerative Diseases: Diagnostic Implications for Alzheimer's Disease and Lewy Body Dementias. Brain Pathology, 1993, 3, 45-54.	4.1	230

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73	Acetylated tau, a novel pathological signature in Alzheimer's disease and other tauopathies. Brain, 2012, 135, 807-818.	7.6	226
74	Microglia-mediated recovery from ALS-relevant motor neuron degeneration in a mouse model of TDP-43 proteinopathy. Nature Neuroscience, 2018, 21, 329-340.	14.8	220
75	Frontotemporal lobar degeneration: defining phenotypic diversity through personalized medicine. Acta Neuropathologica, 2015, 129, 469-491.	7.7	218
76	Functional recovery in new mouse models of ALS/FTLD after clearance of pathological cytoplasmic TDP-43. Acta Neuropathologica, 2015, 130, 643-660.	7.7	215
77	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.	7.7	211
78	Distribution patterns of tau pathology in progressive supranuclear palsy. Acta Neuropathologica, 2020, 140, 99-119.	7.7	210
79	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.	2.1	202
80	TREM2 function impedes tau seeding in neuritic plaques. Nature Neuroscience, 2019, 22, 1217-1222.	14.8	190
81	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.	14.8	187
82	Oxidative post-translational modifications of Î±-synuclein in the 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) mouse model of Parkinson's disease. Journal of Neurochemistry, 2001, 76, 637-640.	3.9	184
83	Transplanted human neurons derived from a teratocarcinoma cell line (NTeraâ€2) mature, integrate, and survive for over 1 year in the nude mouse brain. Journal of Comparative Neurology, 1995, 357, 618-632.	1.6	182
84	AÎ² Accelerates the Spatiotemporal Progression of Tau Pathology and Augments Tau Amyloidosis in an Alzheimer Mouse Model. American Journal of Pathology, 2010, 177, 1977-1988.	3.8	179
85	More than just two peas in a pod: common amyloidogenic properties of tau and Î±-synuclein in neurodegenerative diseases. Trends in Neurosciences, 2004, 27, 129-134.	8.6	177
86	Î±-Synuclein pathology in Parkinsonâ€™s disease and related Î±-synucleinopathies. Neuroscience Letters, 2019, 709, 134316.	2.1	177
87	Patient-derived frontotemporal lobar degeneration brain extracts induce formation and spreading of TDP-43 pathology in vivo. Nature Communications, 2018, 9, 4220.	12.8	176
88	Calcium Entry and Â-Synuclein Inclusions Elevate Dendritic Mitochondrial Oxidant Stress in Dopaminergic Neurons. Journal of Neuroscience, 2013, 33, 10154-10164.	3.6	174
89	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.	7.7	174
90	TFEB enhances astroglial uptake of extracellular tau species and reduces tau spreading. Journal of Experimental Medicine, 2018, 215, 2355-2377.	8.5	173

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91	TDP-43 Depletion in Microglia Promotes Amyloid Clearance but Also Induces Synapse Loss. Neuron, 2017, 95, 297-308.e6.	8.1	171
92	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.	4.4	168
93	A platform for discovery: The University of Pennsylvania Integrated Neurodegenerative Disease Biobank. Alzheimer's and Dementia, 2014, 10, 477.	0.8	167
94	Pattern of ubiquilin pathology in ALS and FTLD indicates presence of C9ORF72 hexanucleotide expansion. Acta Neuropathologica, 2012, 123, 825-839.	7.7	164
95	Mechanisms of Cell-to-Cell Transmission of Pathological Tau. JAMA Neurology, 2019, 76, 101.	9.0	162
96	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.	7.1	161
97	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.	9.0	161
98	Loss of brain tau defines novel sporadic and familial tauopathies with frontotemporal dementia. Annals of Neurology, 2001, 49, 165-175.	5.3	159
99	Characterization of Two VQIXXK Motifs for Tau Fibrillizationin Vitroâ€. Biochemistry, 2006, 45, 15692-15701.	2.5	159
100	High-Contrast InÂVivo Imaging of Tau Pathologies in Alzheimerâ€™s and Non-Alzheimerâ€™s Disease Tauopathies. Neuron, 2021, 109, 42-58.e8.	8.1	157
101	Unique Alzheimer's Disease Paired Helical Filament Specific Epitopes Involve Double Phosphorylation at Specific Sites. Biochemistry, 1997, 36, 8114-8124.	2.5	154
102	â€œFatal Attractionsâ€•of Proteins: A Comprehensive Hypothetical Mechanism Underlying Alzheimer's Disease and Other Neurodegenerative Disorders. Annals of the New York Academy of Sciences, 2000, 924, 62-67.	3.8	154
103	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.	7.7	154
104	Sequestration of RNA in Alzheimer's disease neurofibrillary tangles and senile plaques. Annals of Neurology, 1997, 41, 200-209.	5.3	153
105	Evaluation of Potential Infectivity of Alzheimer and Parkinson Disease Proteins in Recipients of Cadaver-Derived Human Growth Hormone. JAMA Neurology, 2013, 70, 462.	9.0	153
106	Distinct binding of PET ligands PBB3 and AV-1451 to tau fibril strains in neurodegenerative tauopathies. Brain, 2017, 140, aww339.	7.6	153
107	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.	2.8	151
108	Deep clinical and neuropathological phenotyping of <scp>P</scp>ick disease. Annals of Neurology, 2016, 79, 272-287.	5.3	146

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109	Synucleins are expressed in the majority of breast and ovarian carcinomas and in preneoplastic lesions of the ovary. Cancer, 2000, 88, 2154-2163.	4.1	145
110	Sporadic Pick's disease: A tauopathy characterized by a spectrum of pathological ? isoforms in gray and white matter. Annals of Neurology, 2002, 51, 730-739.	5.3	141
111	Molecular and Biological Compatibility with Host Alpha-Synuclein Influences Fibril Pathogenicity. Cell Reports, 2016, 16, 3373-3387.	6.4	141
112	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.	8.1	141
113	Brain Microvascular Pericytes in Vascular Cognitive Impairment and Dementia. Frontiers in Aging Neuroscience, 2020, 12, 80.	3.4	139
114	Lewy Body Pathology in Alzheimer's Disease. Journal of Molecular Neuroscience, 2001, 17, 225-232.	2.3	138
115	Signature Tau Neuropathology in Gray and White Matter of Corticobasal Degeneration. American Journal of Pathology, 2002, 160, 2045-2053.	3.8	136
116	Immunohistochemical and Biochemical Studies Demonstrate a Distinct Profile of Î±-Synuclein Permutations in Multiple System Atrophy. Journal of Neuropathology and Experimental Neurology, 2000, 59, 830-841.	1.7	135
117	Perforant path synaptic loss correlates with cognitive impairment and Alzheimer's disease in the oldest-old. Brain, 2014, 137, 2578-2587.	7.6	132
118	Functional synapses are formed between human NTera2 (NT2N, hNT) neurons grown on astrocytes. , 1999, 407, 1-10.		131
119	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.	3.4	131
120	Ubiquitination of Î±-Synuclein Is Not Required for Formation of Pathological Inclusions in Î±-Synucleinopathies. American Journal of Pathology, 2003, 163, 91-100.	3.8	129
121	From genotype to phenotype: A clinical, pathological, and biochemical investigation of frontotemporal dementia and parkinsonism (FTDP-17) caused by the P301L tau mutation. Annals of Neurology, 1999, 45, 704-715.	5.3	128
122	RNA sequestration to pathological lesions of neurodegenerative diseases. Acta Neuropathologica, 1998, 96, 487-494.	7.7	126
123	?-synuclein is developmentally expressed in cultured rat brain oligodendrocytes. Journal of Neuroscience Research, 2000, 62, 9-14.	2.9	125
124	Passive Immunization with Phospho-Tau Antibodies Reduces Tau Pathology and Functional Deficits in Two Distinct Mouse Tauopathy Models. PLoS ONE, 2015, 10, e0125614.	2.5	124
125	Predominance of neuronal mRNAs in individual Alzheimer's disease senile plaques. Annals of Neurology, 1999, 45, 174-181.	5.3	121
126	Distinct Î±-Synuclein strains and implications for heterogeneity among Î±-Synucleinopathies. Neurobiology of Disease, 2018, 109, 209-218.	4.4	121

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127	Transmission of tauopathy strains is independent of their isoform composition. Nature Communications, 2020, 11, 7.	12.8	121
128	Tau and Axonopathy in Neurodegenerative Disorders. NeuroMolecular Medicine, 2002, 2, 131-150.	3.4	120
129	Transgenic animal models of tauopathies. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2005, 1739, 251-259.	3.8	118
130	Human olfactory epithelium in normal aging, alzheimer's disease, and other neurodegenerative disorders. Journal of Comparative Neurology, 1991, 310, 365-376.	1.6	115
131	TDP-43 Proteinopathies: Neurodegenerative Protein Misfolding Diseases without Amyloidosis. NeuroSignals, 2008, 16, 41-51.	0.9	115
132	Therapeutic strategies for tau mediated neurodegeneration. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 784-795.	1.9	115
133	Cerebrospinal fluid neurogranin concentration in neurodegeneration: relation to clinical phenotypes and neuropathology. Acta Neuropathologica, 2018, 136, 363-376.	7.7	114
134	Humanization of the entire murine Mapt gene provides a murine model of pathological human tau propagation. Journal of Biological Chemistry, 2019, 294, 12754-12765.	3.4	114
135	Tau interactome maps synaptic and mitochondrial processes associated with neurodegeneration. Cell, 2022, 185, 712-728.e14.	28.9	114
136	Cardiovascular risk factors, cortisol, and amyloidâ€î² deposition in Alzheimer's Disease Neuroimaging Initiative. Alzheimer's and Dementia, 2012, 8, 483-489.	0.8	113
137	Non-Alzheimerâ€™s contributions to dementia and cognitive resilience in The 90+ Study. Acta Neuropathologica, 2018, 136, 377-388.	7.7	112
138	Human and rodent Alzheimer beta-amyloid peptides acquire distinct conformations in membrane-mimicking solvents. FEBS Journal, 1993, 211, 249-257.	0.2	110
139	Microglial activation and TDP-43 pathology correlate with executive dysfunction in amyotrophic lateral sclerosis. Acta Neuropathologica, 2012, 123, 395-407.	7.7	104
140	Acetylated Tau Neuropathology in Sporadic and Hereditary Tauopathies. American Journal of Pathology, 2013, 183, 344-351.	3.8	104
141	Modeling Lewy pathology propagation in Parkinson's disease. Parkinsonism and Related Disorders, 2014, 20, S85-S87.	2.2	104
142	Developing Therapeutic Approaches to Tau, Selected Kinases, and Related Neuronal Protein Targets. Cold Spring Harbor Perspectives in Medicine, 2011, 1, a006437-a006437.	6.2	101
143	Alzheimerâ€™s disease tau is a prominent pathology in LRRK2 Parkinsonâ€™s disease. Acta Neuropathologica Communications, 2019, 7, 183.	5.2	101
144	A â€œTwo-hitâ€•Hypothesis for Inclusion Formation by Carboxyl-terminal Fragments of TDP-43 Protein Linked to RNA Depletion and Impaired Microtubule-dependent Transport. Journal of Biological Chemistry, 2011, 286, 18845-18855.	3.4	98

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145	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.	1.7	98
146	Frontotemporal dementia with novel tau pathology and a Glu342Valtau mutation. Annals of Neurology, 2000, 48, 850-858.	5.3	97
147	Elevated CSF GAPâ€43 is Alzheimer's disease specific and associated with tau and amyloid pathology. Alzheimer's and Dementia, 2019, 15, 55-64.	0.8	97
148	Expression of trk receptors in the developing and adult human central and peripheral nervous system. Journal of Comparative Neurology, 1995, 356, 387-397.	1.6	96
149	Differential Î±-synuclein expression contributes to selective vulnerability of hippocampal neuron subpopulations to fibril-induced toxicity. Acta Neuropathologica, 2018, 135, 855-875.	7.7	94
150	Molecular milestones that signal axonal maturation and the commitment of human spinal cord precursor cells to the neuronal or glial phenotype in development. Journal of Comparative Neurology, 1991, 310, 285-299.	1.6	93
151	Neurofibrillary tangleâ€like tau pathology induced by synthetic tau fibrils in primary neurons overâ€expressing mutant tau. FEBS Letters, 2013, 587, 717-723.	2.8	91
152	Therapeutic strategies for the treatment of tauopathies: Hopes and challenges. Alzheimer's and Dementia, 2016, 12, 1051-1065.	0.8	91
153	Cell-to-Cell Transmission of Tau and Î±-Synuclein. Trends in Molecular Medicine, 2020, 26, 936-952.	6.7	91
154	Glucocerebrosidase Activity Modulates Neuronal Susceptibility to Pathological Î±-Synuclein Insult. Neuron, 2020, 105, 822-836.e7.	8.1	89
155	Cognitive and Pathological Influences of Tau Pathology in Lewy Body Disorders. Annals of Neurology, 2019, 85, 259-271.	5.3	88
156	Microtubule-stabilizing agents as potential therapeutics for neurodegenerative disease. Bioorganic and Medicinal Chemistry, 2014, 22, 5040-5049.	3.0	87
157	Sex-specific genetic predictors of Alzheimerâ€™s disease biomarkers. Acta Neuropathologica, 2018, 136, 857-872.	7.7	87
158	Twofold overexpression of human ?-amyloid precursor proteins in transgenic mice does not affect the neuromotor, cognitive, or neurodegenerative sequelae following experimental brain injury. , 1998, 392, 428-438.		83
159	Amyloid binding ligands as Alzheimerâ€™s disease therapies. Neurobiology of Aging, 2002, 23, 1039-1042.	3.1	83
160	A Distinct ER/IC Î³-Secretase Competes with the Proteasome for Cleavage of APP. Biochemistry, 2000, 39, 810-817.	2.5	81
161	The Fluorescent Congo Red Derivative, (Trans,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 112 Td (Trans)â^'1-Bromo-2,5-Bis-(3-Hyd Sheet Structures in Postmortem Human Neurodegenerative Disease Brains. American Journal of Pathology, 2001, 159, 937-943.	3.8	81
162	Multimodal evaluation demonstrates in vivo 18F-AV-1451 uptake in autopsy-confirmed corticobasal degeneration. Acta Neuropathologica, 2016, 132, 935-937.	7.7	81

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163	Intrastriatal alpha-synuclein fibrils in monkeys: spreading, imaging and neuropathological changes. Brain, 2019, 142, 3565-3579.	7.6	80
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