Gloria Lee

List of Publications by Year in descending order

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53 papers	8,249 citations	87723 38 h-index	182168 51 g-index
56 all docs	56 docs citations	56 times ranked	5507 citing authors

#	Article	IF	Citations
1	Nucleotide sequences that signal the initiation of transcription and translation inBacillus subtilis. Molecular Genetics and Genomics, 1982, 186, 339-346.	2.4	839
2	The primary structure and heterogeneity of tau protein from mouse brain. Science, 1988, 239, 285-288.	6.0	681
3	Interaction of tau with the neural plasma membrane mediated by tau's amino-terminal projection domain.. Journal of Cell Biology, 1995, 131, 1327-1340.	2.3	577
4	Beta-amyloid precursor protein of Alzheimer disease occurs as 110- to 135-kilodalton membrane-associated proteins in neural and nonneural tissues.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 7341-7345.	3.3	556
5	Epitopes that span the tau molecule are shared with paired helical filaments. Neuron, 1988, 1, 817-825.	3.8	498
6	The microtubule binding domain of tau protein. Neuron, 1989, 2, 1615-1624.	3.8	454
7	Regulation of the Phosphorylation State and Microtubule-Binding Activity of Tau by Protein Phosphatase 2A. Neuron, 1996, 17, 1201-1207.	3.8	390
8	Phosphorylation of Tau by Fyn: Implications for Alzheimer's Disease. Journal of Neuroscience, 2004, 24, 2304-2312.	1.7	386
9	Allele-specific silencing of dominant disease genes. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7195-7200.	3.3	363
10	Overexpression of tau in a nonneuronal cell induces long cellular processes.. Journal of Cell Biology, 1991, 114, 725-733.	2.3	285
11	Molecular Interactions among Protein Phosphatase 2A, Tau, and Microtubules. Journal of Biological Chemistry, 1999, 274, 25490-25498.	1.6	275
12	Temporal and spatial regulation of fibronectin in early Xenopus development. Cell, 1984, 36, 729-740.	13.5	229
13	Tau Binds to the Distal Axon Early in Development of Polarity in a Microtubule- and Microfilament-Dependent Manner. Journal of Neuroscience, 1996, 16, 5583-5592.	1.7	220
14	Disease-related Modifications in Tau Affect the Interaction between Fyn and Tau. Journal of Biological Chemistry, 2005, 280, 35119-35125.	1.6	201
15	Gene dosage of the amyloid beta precursor protein in Alzheimer's disease. Science, 1987, 238, 669-671.	6.0	168
16	Tau and Tauopathies. Progress in Molecular Biology and Translational Science, 2012, 107, 263-293.	0.9	147
17	C-Terminally Truncated Forms of Tau, But Not Full-Length Tau or Its C-Terminal Fragments, Are Released from Neurons Independently of Cell Death. Journal of Neuroscience, 2015, 35, 10851-10865.	1.7	131
18	Conversion of Serine to Aspartate Imitates Phosphorylation-induced Changes in the Structure and Function of Microtubule-associated Protein Tau. Journal of Biological Chemistry, 1997, 272, 8441-8446.	1.6	106

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19	Interneuronal Transfer of Human Tau Between Lamprey Central Neurons in situ. Journal of Alzheimer's Disease, 2010, 19, 647-664.	1.2	101
20	Tau and src family tyrosine kinases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2005, 1739, 323-330.	1.8	96
21	Two motifs within the tau microtubuleâ€binding domain mediate its association with the hsc70 molecular chaperone. Journal of Neuroscience Research, 2008, 86, 2763-2773.	1.3	87
22	Tau protein binds single-stranded DNA sequence specifically - the proof obtained in vitro with non-equilibrium capillary electrophoresis of equilibrium mixtures. FEBS Letters, 2005, 579, 1371-1375.	1.3	83
23	Tau is required for neurite outgrowth and growth cone motility of chick sensory neurons. , 1999, 43, 232-242.		81
24	Human tau becomes phosphorylated and forms filamentous deposits when overexpressed in lamprey central neurons in situ. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 4733-4738.	3.3	80
25	Tau Phosphorylation by cdk5 and Fyn in Response to Amyloid Peptide Aî²25â€“35: Involvement of Lipid Rafts. Journal of Alzheimer's Disease, 2009, 16, 149-156.	1.2	79
26	Non-motor microtubule-associated proteins. Current Opinion in Cell Biology, 1993, 5, 88-91.	2.6	78
27	Nucleotide sequence of a promoter recognized by Bacillus subtilis RNA polymerase. Molecular Genetics and Genomics, 1980, 180, 57-65.	2.4	76
28	Tau protein: An update on structure and function. Cytoskeleton, 1990, 15, 199-203.	4.4	75
29	Increase in tau tyrosine phosphorylation correlates with the formation of tau aggregates. Molecular Brain Research, 2005, 138, 135-144.	2.5	73
30	Conserved nucleotide sequences in temporally controlled bacteriophage promoters. Journal of Molecular Biology, 1981, 152, 247-265.	2.0	71
31	Tau impacts on growth-factor-stimulated actin remodeling. Journal of Cell Science, 2007, 120, 748-757.	1.2	70
32	The Balance Between ? Protein's Microtubule Growth and Nucleation Activities: Implications for the Formation of Axonal Microtubules. Journal of Neurochemistry, 1993, 61, 997-1005.	2.1	67
33	Tyrosine phosphorylation of tau accompanies disease progression in transgenic mouse models of tauopathy. Neuropathology and Applied Neurobiology, 2010, 36, 462-477.	1.8	63
34	Staging of Neurofibrillary Degeneration Caused by Human Tau Overexpression in a Unique Cellular Model of Human Tauopathy. American Journal of Pathology, 2001, 158, 235-246.	1.9	61
35	Microtubuleâ€associated protein tau in human prostate cancer cells: Isoforms, phosphorylation, and interactions. Journal of Cellular Biochemistry, 2009, 108, 555-564.	1.2	52
36	In situ proteolysis of the Vibrio cholerae matrix protein RbmA promotes biofilm recruitment. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10491-10496.	3.3	48

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37	Tau Potentiates Nerve Growth Factor-induced Mitogen-activated Protein Kinase Signaling and Neurite Initiation without a Requirement for Microtubule Binding. Journal of Biological Chemistry, 2010, 285, 19125-19134.	1.6	47
38	Orientation, assembly, and stability of microtubule bundles induced by a fragment of tau protein. Cytoskeleton, 1994, 28, 143-154.	4.4	46
39	Binding of Fyn to MAP-2c through an SH3 Binding Domain. Journal of Biological Chemistry, 2001, 276, 39950-39958.	1.6	43
40	Transcription of cloned DNA from Bacillus subtilis phage SP01 requirement for hydroxymethyluracil-containing DNA by phage-modified RNA Polymerase. Journal of Molecular Biology, 1980, 139, 407-422.	2.0	33
41	Microtubulebundling studies revisited: is there a role for MAPs?. Trends in Cell Biology, 1992, 2, 286-289.	3.6	33
42	The tau mutation (val337met) disrupts cytoskeletal networks of microtubules. NeuroReport, 1999, 10, 993-997.	0.6	32
43	Tau in MAPK Activation. Frontiers in Neurology, 2013, 4, 161.	1.1	30
44	A correlative microscopical analysis of differentiating ovarian follicles of mammals. Journal of Morphology, 1978, 156, 339-366.	0.6	26
45	Fyn-tau Ablation Modifies PTZ-Induced Seizures and Post-seizure Hallmarks of Early Epileptogenesis. Frontiers in Cellular Neuroscience, 2020, 14, 592374.	1.8	24
46	Cytological observations of the ovarian epithelium in mammals during the reproductive cycle. Journal of Morphology, 1976, 150, 135-166.	0.6	21
47	Exonic Point Mutations of Human Tau Enhance its Toxicity and Cause Characteristic Changes in Neuronal Morphology, Tau Distribution and Tau Phosphorylation in the Lamprey Cellular Model of Tauopathy. Journal of Alzheimer's Disease, 2009, 16, 99-111.	1.2	19
48	Fyn depletion ameliorates tauP301L-induced neuropathology. Acta Neuropathologica Communications, 2020, 8, 108.	2.4	17
49	Tau interacts with SHP2 in neuronal systems and in Alzheimer's disease. Journal of Cell Science, 2019, 132, .	1.2	15
50	Loss of tau and Fyn reduces compensatory effects of MAP2 for tau and reveals a Fynâ€independent effect of tau on calcium. Journal of Neuroscience Research, 2019, 97, 1393-1413.	1.3	13
51	Phosphorylation of native and truncated isoforms of protein Ï„ by the doubleâ€stranded DNAâ€dependent protein kinase (DNAâ€PK) shows that the primary phosphorylation sites are localized between amino acid residues 212â€231 of the longest Ï„. IUBMB Life, 1996, 40, 21-31.	1.5	1
52	[P2â€“201]: TAU ASSOCIATION WITH PROTEIN TYROSINE PHOSPHATASE SHP2: MECHANISM AND CELLULAR LOCATION. Alzheimer's and Dementia, 2017, 13, P683.	0.4	1
53	Sexual dimorphism in AngII/AT ₁ Râ€mediated cognitive and cardiovascular dysfunction in a mouse model of Alzheimerâ€™s Disease. FASEB Journal, 2022, 36, .	0.2	0