Gloria Lee

List of Publications by Year
in descending order

37 papers	4,931 citations	159585 30 h-index	330143 37 g-index
40 all docs	40 docs citations	40 times ranked	4029 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 microtubule binding domain of tau protein. Neuron, 1989, 2, 1615-1624.	8.1	454
3	Regulation of the Phosphorylation State and Microtubule-Binding Activity of Tau by Protein Phosphatase 2A. Neuron, 1996, 17, 1201-1207.	8.1	390
4	Phosphorylation of Tau by Fyn: Implications for Alzheimer's Disease. Journal of Neuroscience, 2004, 24, 2304-2312.	3.6	386
5	Allele-specific silencing of dominant disease genes. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7195-7200.	7.1	363
6	Molecular Interactions among Protein Phosphatase 2A, Tau, and Microtubules. Journal of Biological Chemistry, 1999, 274, 25490-25498.	3.4	275
7	Temporal and spatial regulation of fibronectin in early Xenopus development. Cell, 1984, 36, 729-740.	28.9	229
8	Disease-related Modifications in Tau Affect the Interaction between Fyn and Tau. Journal of Biological Chemistry, 2005, 280, 35119-35125.	3.4	201
9	Tau and Tauopathies. Progress in Molecular Biology and Translational Science, 2012, 107, 263-293.	1.7	147
10	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.	3.6	131
11	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.	3.4	106
12	Interneuronal Transfer of Human Tau Between Lamprey Central Neurons in situ. Journal of Alzheimer's Disease, 2010, 19, 647-664.	2.6	101
13	Tau and src family tyrosine kinases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2005, 1739, 323-330.	3.8	96
14	Two motifs within the tau microtubuleâ€binding domain mediate its association with the hsc70 molecular chaperone. Journal of Neuroscience Research, 2008, 86, 2763-2773.	2.9	87
15	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.	2.8	83
16	Tau Phosphorylation by cdk5 and Fyn in Response to Amyloid Peptide Aβ25â€"35: Involvement of Lipid Rafts. Journal of Alzheimer's Disease, 2009, 16, 149-156.	2.6	79
17	Non-motor microtubule-associated proteins. Current Opinion in Cell Biology, 1993, 5, 88-91.	5.4	78
18	Nucleotide sequence of a promoter recognized by Bacillus subtilis RNA polymerase. Molecular Genetics and Genomics, 1980, 180, 57-65.	2.4	76

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19	Tau protein: An update on structure and function. Cytoskeleton, 1990, 15, 199-203.	4.4	75
20	Increase in tau tyrosine phosphorylation correlates with the formation of tau aggregates. Molecular Brain Research, 2005, 138, 135-144.	2.3	73
21	Conserved nucleotide sequences in temporally controlled bacteriophage promoters. Journal of Molecular Biology, 1981, 152, 247-265.	4.2	71
22	Tau impacts on growth-factor-stimulated actin remodeling. Journal of Cell Science, 2007, 120, 748-757.	2.0	70
23	The Balance Between ? Protein's Microtubule Growth and Nucleation Activities: Implications for the Formation of Axonal Microtubules. Journal of Neurochemistry, 1993, 61, 997-1005.	3.9	67
24	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.	3.8	61
25	Microtubuleâ€associated protein tau in human prostate cancer cells: Isoforms, phosphorylation, and interactions. Journal of Cellular Biochemistry, 2009, 108, 555-564.	2.6	52
26	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.	3.4	47
27	Orientation, assembly, and stability of microtubule bundles induced by a fragment of tau protein. Cytoskeleton, 1994, 28, 143-154.	4.4	46
28	Binding of Fyn to MAP-2c through an SH3 Binding Domain. Journal of Biological Chemistry, 2001, 276, 39950-39958.	3.4	43
29	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.	4.2	33
30	Microtubulebundling studies revisited: is there a role for MAPs?. Trends in Cell Biology, 1992, 2, 286-289.	7.9	33
31	The tau mutation (val337met) disrupts cytoskeletal networks of microtubules. NeuroReport, 1999, 10, 993-997.	1.2	32
32	Myosin-driven actin-microtubule networks exhibit self-organized contractile dynamics. Science Advances, 2021, 7, .	10.3	31
33	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.	2.6	19
34	Fyn depletion ameliorates tauP301L-induced neuropathology. Acta Neuropathologica Communications, 2020, 8, 108.	5.2	17
35	Tau interacts with SHP2 in neuronal systems and in Alzheimer's disease. Journal of Cell Science, 2019, 132, .	2.0	15
36	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.	2.9	13

#	Article	IF	Citations
37	Active cytoskeletal composites display emergent tunable contractility and restructuring. Soft Matter, 2021, 17, 10765-10776.	2.7	10