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	Myosin-driven actin-microtubule networks exhibit self-organized contractile dynamics. Science Advances, 2021, 7, .	10.3	31
2	Active cytoskeletal composites display emergent tunable contractility and restructuring. Soft Matter, 2021, 17, 10765-10776.	2.7	10
3	Fyn depletion ameliorates tauP301L-induced neuropathology. Acta Neuropathologica Communications, 2020, 8, 108.	5.2	17
4	Tau interacts with SHP2 in neuronal systems and in Alzheimer's disease. Journal of Cell Science, 2019, 132, .	2.0	15
5	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
6	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
7	Tau and Tauopathies. Progress in Molecular Biology and Translational Science, 2012, 107, 263-293.	1.7	147
8	Interneuronal Transfer of Human Tau Between Lamprey Central Neurons in situ. Journal of Alzheimer's Disease, 2010, 19, 647-664.	2.6	101
9	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
10	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
11	Microtubuleâ€associated protein tau in human prostate cancer cells: Isoforms, phosphorylation, and interactions. Journal of Cellular Biochemistry, 2009, 108, 555-564.	2.6	52
12	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.	2.6	79
13	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
14	Tau impacts on growth-factor-stimulated actin remodeling. Journal of Cell Science, 2007, 120, 748-757.	2.0	70
15	Disease-related Modifications in Tau Affect the Interaction between Fyn and Tau. Journal of Biological Chemistry, 2005, 280, 35119-35125.	3.4	201
16	Increase in tau tyrosine phosphorylation correlates with the formation of tau aggregates. Molecular Brain Research, 2005, 138, 135-144.	2.3	73
17	Tau and src family tyrosine kinases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2005, 1739, 323-330.	3.8	96
18	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

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19	Phosphorylation of Tau by Fyn: Implications for Alzheimer's Disease. Journal of Neuroscience, 2004, 24, 2304-2312.	3.6	386
20	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
21	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
22	Binding of Fyn to MAP-2c through an SH3 Binding Domain. Journal of Biological Chemistry, 2001, 276, 39950-39958.	3.4	43
23	Molecular Interactions among Protein Phosphatase 2A, Tau, and Microtubules. Journal of Biological Chemistry, 1999, 274, 25490-25498.	3.4	275
24	The tau mutation (val337met) disrupts cytoskeletal networks of microtubules. NeuroReport, 1999, 10, 993-997.	1.2	32
25	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
26	Regulation of the Phosphorylation State and Microtubule-Binding Activity of Tau by Protein Phosphatase 2A. Neuron, 1996, 17, 1201-1207.	8.1	390
27	Orientation, assembly, and stability of microtubule bundles induced by a fragment of tau protein. Cytoskeleton, 1994, 28, 143-154.	4.4	46
28	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
29	Non-motor microtubule-associated proteins. Current Opinion in Cell Biology, 1993, 5, 88-91.	5.4	78
30	Microtubulebundling studies revisited: is there a role for MAPs?. Trends in Cell Biology, 1992, 2, 286-289.	7.9	33
31	Tau protein: An update on structure and function. Cytoskeleton, 1990, 15, 199-203.	4.4	75
32	The microtubule binding domain of tau protein. Neuron, 1989, 2, 1615-1624.	8.1	454
33	Temporal and spatial regulation of fibronectin in early Xenopus development. Cell, 1984, 36, 729-740.	28.9	229
34	Nucleotide sequences that signal the initiation of transcription and translation inBacillus subtilis. Molecular Genetics and Genomics, 1982, 186, 339-346.	2.4	839
35	Conserved nucleotide sequences in temporally controlled bacteriophage promoters. Journal of Molecular Biology, 1981, 152, 247-265.	4.2	71
36	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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37	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