# 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 | Sexual dimorphism in AngII/AT <sub>1</sub> Râ€mediated cognitive and cardiovascular dysfunction in a mouse model of Alzheimerâ€™s Disease. FASEB Journal, 2022, 36, . | 0.2 | 0 |
| 2 | Fyn depletion ameliorates tauP301L-induced neuropathology. Acta Neuropathologica Communications, 2020, 8, 108. | 2.4 | 17 |
| 3 | Fyn-tau Ablation Modifies PTZ-Induced Seizures and Post-seizure Hallmarks of Early Epileptogenesis. Frontiers in Cellular Neuroscience, 2020, 14, 592374. | 1.8 | 24 |
| 4 | Tau interacts with SHP2 in neuronal systems and in Alzheimer's disease. Journal of Cell Science, 2019, 132, . | 1.2 | 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. | 1.3 | 13 |
| 6 | [P2â€“201]: TAU ASSOCIATION WITH PROTEIN TYROSINE PHOSPHATASE SHP2: MECHANISM AND CELLULAR LOCATION. Alzheimer's and Dementia, 2017, 13, P683. | 0.4 | 1 |
| 7 | 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 |
| 8 | In situ proteolysis of the <i>Vibrio cholerae</i> 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 |
| 9 | Tau in MAPK Activation. Frontiers in Neurology, 2013, 4, 161. | 1.1 | 30 |
| 10 | Tau and Tauopathies. Progress in Molecular Biology and Translational Science, 2012, 107, 263-293. | 0.9 | 147 |
| 11 | Tyrosine phosphorylation of tau accompanies disease progression in transgenic mouse models of tauopathy. Neuropathology and Applied Neurobiology, 2010, 36, 462-477. | 1.8 | 63 |
| 12 | Interneuronal Transfer of Human Tau Between Lamprey Central Neurons in situ. Journal of Alzheimer's Disease, 2010, 19, 647-664. | 1.2 | 101 |
| 13 | 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 |
| 14 | 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 |
| 15 | Microtubuleâ€associated protein tau in human prostate cancer cells: Isoforms, phosphorylation, and interactions. Journal of Cellular Biochemistry, 2009, 108, 555-564. | 1.2 | 52 |
| 16 | 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 |
| 17 | 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 |
| 18 | Tau impacts on growth-factor-stimulated actin remodeling. Journal of Cell Science, 2007, 120, 748-757. | 1.2 | 70 |

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|---|---|---|---|
| 19 | Disease-related Modifications in Tau Affect the Interaction between Fyn and Tau. Journal of Biological Chemistry, 2005, 280, 35119-35125. | 1.6 | 201 |
| 20 | Increase in tau tyrosine phosphorylation correlates with the formation of tau aggregates. Molecular Brain Research, 2005, 138, 135-144. | 2.5 | 73 |
| 21 | Tau and src family tyrosine kinases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2005, 1739, 323-330. | 1.8 | 96 |
| 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 | Phosphorylation of Tau by Fyn: Implications for Alzheimer's Disease. Journal of Neuroscience, 2004, 24, 2304-2312. | 1.7 | 386 |
| 24 | 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 |
| 25 | 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 |
| 26 | Binding of Fyn to MAP-2c through an SH3 Binding Domain. Journal of Biological Chemistry, 2001, 276, 39950-39958. | 1.6 | 43 |
| 27 | Molecular Interactions among Protein Phosphatase 2A, Tau, and Microtubules. Journal of Biological Chemistry, 1999, 274, 25490-25498. | 1.6 | 275 |
| 28 | Tau is required for neurite outgrowth and growth cone motility of chick sensory neurons. , 1999, 43, 232-242. | | 81 |
| 29 | The tau mutation (val337met) disrupts cytoskeletal networks of microtubules. NeuroReport, 1999, 10, 993-997. | 0.6 | 32 |
| 30 | 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 |
| 31 | 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 |
| 32 | Regulation of the Phosphorylation State and Microtubule-Binding Activity of Tau by Protein Phosphatase 2A. Neuron, 1996, 17, 1201-1207. | 3.8 | 390 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | Orientation, assembly, and stability of microtubule bundles induced by a fragment of tau protein. Cytoskeleton, 1994, 28, 143-154. | 4.4 | 46 |

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|---|---|---|---|
| 37 | 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 |
| 38 | Non-motor microtubule-associated proteins. Current Opinion in Cell Biology, 1993, 5, 88-91. | 2.6 | 78 |
| 39 | Microtubulebundling studies revisited: is there a role for MAPs?. Trends in Cell Biology, 1992, 2, 286-289. | 3.6 | 33 |
| 40 | Overexpression of tau in a nonneuronal cell induces long cellular processes.. Journal of Cell Biology, 1991, 114, 725-733. | 2.3 | 285 |
| 41 | Tau protein: An update on structure and function. Cytoskeleton, 1990, 15, 199-203. | 4.4 | 75 |
| 42 | The microtubule binding domain of tau protein. Neuron, 1989, 2, 1615-1624. | 3.8 | 454 |
| 43 | The primary structure and heterogeneity of tau protein from mouse brain. Science, 1988, 239, 285-288. | 6.0 | 681 |
| 44 | Epitopes that span the tau molecule are shared with paired helical filaments. Neuron, 1988, 1, 817-825. | 3.8 | 498 |
| 45 | 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 |
| 46 | Gene dosage of the amyloid beta precursor protein in Alzheimer's disease. Science, 1987, 238, 669-671. | 6.0 | 168 |
| 47 | Temporal and spatial regulation of fibronectin in early Xenopus development. Cell, 1984, 36, 729-740. | 13.5 | 229 |
| 48 | Nucleotide sequences that signal the initiation of transcription and translation inBacillus subtilis. Molecular Genetics and Genomics, 1982, 186, 339-346. | 2.4 | 839 |
| 49 | Conserved nucleotide sequences in temporally controlled bacteriophage promoters. Journal of Molecular Biology, 1981, 152, 247-265. | 2.0 | 71 |
| 50 | Nucleotide sequence of a promoter recognized by Bacillus subtilis RNA polymerase. Molecular Genetics and Genomics, 1980, 180, 57-65. | 2.4 | 76 |
| 51 | 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 |
| 52 | A correlative microscopical analysis of differentiating ovarian follicles of mammals. Journal of Morphology, 1978, 156, 339-366. | 0.6 | 26 |
| 53 | Cytological observations of the ovarian epithelium in mammals during the reproductive cycle. Journal of Morphology, 1976, 150, 135-166. | 0.6 | 21 |