

# Nancy Y Ip

## List of Publications by Year in descending order

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216  
papers

25,098  
citations

17776

65  
h-index

8212

153  
g-index

229  
all docs

229  
docs citations

229  
times ranked

38435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale plasma proteomic profiling identifies a high-performance biomarker panel for Alzheimer's disease screening and staging. <i>Alzheimer's and Dementia</i> , 2022, 18, 88-102.	0.4	65
2	Instructive roles of astrocytes in hippocampal synaptic plasticity: neuronal activity-dependent regulatory mechanisms. <i>FEBS Journal</i> , 2022, 289, 2202-2218.	2.2	30
3	Brain-wide Cas9-mediated cleavage of a gene causing familial Alzheimer's disease alleviates amyloid-related pathologies in mice. <i>Nature Biomedical Engineering</i> , 2022, 6, 168-180.	11.6	27
4	AAV capsid variants with brain-wide transgene expression and decreased liver targeting after intravenous delivery in mouse and marmoset. <i>Nature Neuroscience</i> , 2022, 25, 106-115.	7.1	162
5	Association of SPI1 Haplotypes with Altered SPI1 Gene Expression and Alzheimer's Disease Risk. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 1861-1873.	1.2	10
6	Demographics and Medication Use of Patients with Late-Onset Alzheimer's Disease in Hong Kong. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 1205-1213.	1.2	3
7	Deep tissue multi-photon imaging using adaptive optics with direct focus sensing and shaping. <i>Nature Biotechnology</i> , 2022, 40, 1663-1671.	9.4	32
8	Melanocortin receptor activation alleviates amyloid pathology and glial reactivity in an Alzheimer's disease transgenic mouse model. <i>Scientific Reports</i> , 2021, 11, 4359.	1.6	10
9	Efficient manipulation of gene dosage in human iPSCs using CRISPR/Cas9 nickases. <i>Communications Biology</i> , 2021, 4, 195.	2.0	6
10	Polygenic Score Models for Alzheimer's Disease: From Research to Clinical Applications. <i>Frontiers in Neuroscience</i> , 2021, 15, 650220.	1.4	23
11	Quantitative in vivo assessment of amyloid-beta phagocytic capacity in an Alzheimer's disease mouse model. <i>STAR Protocols</i> , 2021, 2, 100265.	0.5	9
12	Cytokine signaling convergence regulates the microglial state transition in Alzheimer's disease. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 4703-4712.	2.4	23
13	GSAP regulates lipid homeostasis and mitochondrial function associated with Alzheimer's disease. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	14
14	High-resolution two-photon transcranial imaging of brain using direct wavefront sensing. <i>Photonics Research</i> , 2021, 9, 1144.	3.4	9
15	APOE signaling in neurodegenerative diseases: an integrative approach targeting APOE coding and noncoding variants for disease intervention. <i>Current Opinion in Neurobiology</i> , 2021, 69, 58-67.	2.0	14
16	IL-33/ST2 Signaling Regulates Synaptic Plasticity and Homeostasis in the Adult Hippocampal Circuitry. <i>DNA and Cell Biology</i> , 2021, 40, 1125-1130.	0.9	4
17	A tacrine-tetrahydroquinoline heterodimer potently inhibits acetylcholinesterase activity and enhances neurotransmission in mice. <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113827.	2.6	3
18	Astrocyte-secreted IL-33 mediates homeostatic synaptic plasticity in the adult hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	53

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19	Rhynchophylline Administration Ameliorates Amyloid- $\beta^2$ Pathology and Inflammation in an Alzheimer's Disease Transgenic Mouse Model. <i>ACS Chemical Neuroscience</i> , 2021, 12, 4249-4256.	1.7	11
20	A near-infrared AIE fluorescent probe for myelin imaging: From sciatic nerve to the optically cleared brain tissue in 3D. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	26
21	A high-performance biomarker panel for Alzheimer's disease screening and staging identified by large-scale plasma proteomic profiling. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	4
22	Single-nucleus transcriptome analysis reveals dysregulation of angiogenic endothelial cells and neuroprotective glia in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25800-25809.	3.3	238
23	Genetic and polygenic risk score analysis for Alzheimer's disease in the Chinese population. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12074.	1.2	14
24	p39-associated Cdk5 activity regulates dendritic morphogenesis. <i>Scientific Reports</i> , 2020, 10, 18746.	1.6	9
25	A Pentacyclic Triterpene from <i>Ligustrum lucidum</i> Targets $\beta$ -Secretase. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2827-2835.	1.7	4
26	Evaluation of genetic risk for Alzheimer's disease in the Hong Kong Chinese population. <i>Alzheimer's and Dementia</i> , 2020, 16, e045142.	0.4	0
27	IL-33-PU.1 Transcriptome Reprogramming Drives Functional State Transition and Clearance Activity of Microglia in Alzheimer's Disease. <i>Cell Reports</i> , 2020, 31, 107530.	2.9	65
28	Adaptive optics two-photon endomicroscopy enables deep-brain imaging at synaptic resolution over large volumes. <i>Science Advances</i> , 2020, 6, .	4.7	36
29	Changes of Protein Phosphorylation Are Associated with Synaptic Functions during the Early Stage of Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3986-3996.	1.7	14
30	Asymmetric Total Syntheses of Rhynchophylline and Isorhynchophylline. <i>Journal of Organic Chemistry</i> , 2019, 84, 11359-11365.	1.7	25
31	Non-coding variability at the APOE locus contributes to the Alzheimer's risk. <i>Nature Communications</i> , 2019, 10, 3310.	5.8	91
32	$\beta$ 2-Chimaerin is essential for neural stem cell homeostasis in mouse adult neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13651-13660.	3.3	9
33	Increased Axin expression enhances adult hippocampal neurogenesis and exerts an antidepressant effect. <i>Scientific Reports</i> , 2019, 9, 1190.	1.6	7
34	Targeting Neuroinflammation as a Therapeutic Strategy for Alzheimer's Disease: Mechanisms, Drug Candidates, and New Opportunities. <i>ACS Chemical Neuroscience</i> , 2019, 10, 872-879.	1.7	90
35	Synaptic dysfunction in Alzheimer's disease: Mechanisms and therapeutic strategies. , 2019, 195, 186-198.		141
36	Identification of genetic risk factors in the Chinese population implicates a role of immune system in Alzheimer's disease pathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1697-1706.	3.3	71

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37	Methods to Study the Signal Transduction of the Surface Receptor Tyrosine Kinase TrkB in Neurons. <i>Methods in Molecular Biology</i> , 2018, 1722, 211-222.	0.4	1
38	Finding success by following your heart. <i>Nature Cell Biology</i> , 2018, 20, 1003-1003.	4.6	0
39	In Vivo Near-Infrared Two-Photon Imaging of Amyloid Plaques in Deep Brain of Alzheimer's Disease Mouse Model. <i>ACS Chemical Neuroscience</i> , 2018, 9, 3128-3136.	1.7	50
40	Identification of new EphA4 inhibitors by virtual screening of FDA-approved drugs. <i>Scientific Reports</i> , 2018, 8, 7377.	1.6	21
41	Dopamine receptors mediate strategy abandoning via modulation of a specific prefrontal cortex nucleus accumbens pathway in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4890-E4899.	3.3	23
42	Eph Receptor. , 2018, , 1565-1573.		0
43	A Molecular Switch Regulating Cell Fate Choice between Muscle Progenitor Cells and Brown Adipocytes. <i>Developmental Cell</i> , 2017, 41, 382-391.e5.	3.1	48
44	Regulation of postsynaptic signaling in structural synaptic plasticity. <i>Current Opinion in Neurobiology</i> , 2017, 45, 148-155.	2.0	38
45	Cdk5-dependent phosphorylation of liprin $\beta$ 1 mediates neuronal activity-dependent synapse development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6992-E7001.	3.3	45
46	Homeostatic Scaling of AMPA Receptors by Semaphorin. <i>Neuron</i> , 2017, 96, 955-958.	3.8	3
47	Diarylheptanoids from Rhizomes of <i>Alpinia officinarum</i> Inhibit Aggregation of $\beta$ -Synuclein. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6608-6614.	2.4	11
48	Anemoside A3 ameliorates experimental autoimmune encephalomyelitis by modulating T helper 17 cell response. <i>PLoS ONE</i> , 2017, 12, e0182069.	1.1	15
49	Stimulation of the Hippocampal POMC/MC4R Circuit Alleviates Synaptic Plasticity Impairment in an Alzheimer's Disease Model. <i>Cell Reports</i> , 2016, 17, 1819-1831.	2.9	43
50	IL-33 ameliorates Alzheimer's disease-like pathology and cognitive decline. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2705-13.	3.3	247
51	Design and Synthesis of Dimeric Securinine Analogues with Neurotogenic Activities. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1442-1451.	1.7	20
52	STAT3 Regulates Self-Renewal of Adult Muscle Satellite Cells during Injury-Induced Muscle Regeneration. <i>Cell Reports</i> , 2016, 16, 2102-2115.	2.9	50
53	The pseudokinase CaMK $\gamma$ is required for the activity-dependent maintenance of dendritic spines. <i>Nature Communications</i> , 2016, 7, 13282.	5.8	42
54	China Brain Project: Basic Neuroscience, Brain Diseases, and Brain-Inspired Computing. <i>Neuron</i> , 2016, 92, 591-596.	3.8	207

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55	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
56	New lignans with neuroprotective activity from <i>Adelostemma gracillimum</i> . <i>Phytochemistry Letters</i> , 2016, 16, 1-7.	0.6	7
57	Highly <i>trans</i> -Selective Arylation of Achmatowicz Rearrangement Products by Reductive $\beta$ -Deoxygenation and Heck-Matsuda Reaction: Asymmetric Total Synthesis of ( $\beta$ )-Musellarins... and Their Analogues. <i>Chemistry - A European Journal</i> , 2015, 21, 11152-11157.		36
58	Emerging roles of Axin in cerebral cortical development. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 217.	1.8	15
59	Editorial: Cell and molecular signaling, and transport pathways involved in growth factor control of synaptic development and function. <i>Frontiers in Synaptic Neuroscience</i> , 2015, 7, 8.	1.3	1
60	Anemoside A3 Enhances Cognition through the Regulation of Synaptic Function and Neuroprotection. <i>Neuropsychopharmacology</i> , 2015, 40, 1877-1887.	2.8	23
61	Neddylation is needed for synapse maturation. <i>Nature Neuroscience</i> , 2015, 18, 164-166.	7.1	3
62	Plant alkaloids as drug leads for Alzheimer's disease. <i>Neurochemistry International</i> , 2015, 89, 260-270.	1.9	165
63	Cyclin-dependent Kinase 5 (Cdk5)-dependent Phosphorylation of p70 Ribosomal S6 Kinase 1 (S6K) Is Required for Dendritic Spine Morphogenesis. <i>Journal of Biological Chemistry</i> , 2015, 290, 14637-14646.	1.6	26
64	S-nitrosylation-dependent proteasomal degradation restrains Cdk5 activity to regulate hippocampal synaptic strength. <i>Nature Communications</i> , 2015, 6, 8665.	5.8	31
65	Ningpoensines: unusual zwitterionic alkaloids from <i>Scrophularia ningpoensis</i> . <i>Tetrahedron Letters</i> , 2015, 56, 5453-5456.	0.7	10
66	Cdk5 Regulates Activity-Dependent Gene Expression and Dendrite Development. <i>Journal of Neuroscience</i> , 2015, 35, 15127-15134.	1.7	29
67	Injured adult retinal axons with Pten and Socs3 co-deletion reform active synapses with suprachiasmatic neurons. <i>Neurobiology of Disease</i> , 2015, 73, 366-376.	2.1	46
68	Axin Regulates Dendritic Spine Morphogenesis through Cdc42-Dependent Signaling. <i>PLoS ONE</i> , 2015, 10, e0133115.	1.1	20
69	Coronin 6 Regulates Acetylcholine Receptor Clustering through Modulating Receptor Anchorage to Actin Cytoskeleton. <i>Journal of Neuroscience</i> , 2014, 34, 2413-2421.	1.7	36
70	Blockade of EphA4 signaling ameliorates hippocampal synaptic dysfunctions in mouse models of Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9959-9964.	3.3	162
71	Cdk5-mediated phosphorylation of RapGEF2 controls neuronal migration in the developing cerebral cortex. <i>Nature Communications</i> , 2014, 5, 4826.	5.8	68
72	Cdk5-Dependent Mst3 Phosphorylation and Activity Regulate Neuronal Migration through RhoA Inhibition. <i>Journal of Neuroscience</i> , 2014, 34, 7425-7436.	1.7	56

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73	Overproduction of Upper-Layer Neurons in the Neocortex Leads to Autism-like Features in Mice. <i>Cell Reports</i> , 2014, 9, 1635-1643.	2.9	96
74	Cycloastragenol Is a Potent Telomerase Activator in Neuronal Cells: Implications for Depression Management. <i>NeuroSignals</i> , 2014, 22, 52-63.	0.5	58
75	CRMP2. <i>Neuroscientist</i> , 2014, 20, 589-598.	2.6	70
76	p35 Regulates the CRM1-Dependent Nucleocytoplasmic Shuttling of Nuclear Hormone Receptor Coregulator-Interacting Factor 1 (NIF-1). <i>PLoS ONE</i> , 2014, 9, e110584.	1.1	3
77	Axin: An emerging key scaffold at the synapse. <i>IUBMB Life</i> , 2013, 65, 685-691.	1.5	16
78	Structural plasticity of dendritic spines: The underlying mechanisms and its dysregulation in brain disorders. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 2257-2263.	1.8	153
79	Design, synthesis and evaluation of novel heterodimers of donepezil and huperzine fragments as acetylcholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 676-683.	1.4	26
80	Melanocortin-4 Receptor Regulates Hippocampal Synaptic Plasticity through a Protein Kinase A-Dependent Mechanism. <i>Journal of Neuroscience</i> , 2013, 33, 464-472.	1.7	67
81	Cdk5 Phosphorylates a Component of the HDAC Complex and Regulates Histone Acetylation during Neuronal Cell Death. <i>NeuroSignals</i> , 2013, 21, 55-60.	0.5	8
82	The Atypical Guanine Nucleotide Exchange Factor Dock4 Regulates Neurite Differentiation through Modulation of Rac1 GTPase and Actin Dynamics. <i>Journal of Biological Chemistry</i> , 2013, 288, 20034-20045.	1.6	67
83	Olean-12-Eno[2,3-c] [1,2,5]Oxadiazol-28-Oic Acid (OEOA) Induces G1 Cell Cycle Arrest and Differentiation in Human Leukemia Cell Lines. <i>PLoS ONE</i> , 2013, 8, e63580.	1.1	18
84	Astragaloside IV and Cycloastragenol Stimulate the Phosphorylation of Extracellular Signal-Regulated Protein Kinase in Multiple Cell Types. <i>Planta Medica</i> , 2012, 78, 115-121.	0.7	43
85	Molecular mechanisms underlying maturation and maintenance of the vertebrate neuromuscular junction. <i>Trends in Neurosciences</i> , 2012, 35, 441-453.	4.2	123
86	Ankyrin Repeat-Rich Membrane Spanning Protein (Kidins220) Is Required for Neurotrophin and Ephrin Receptor-Dependent Dendrite Development. <i>Journal of Neuroscience</i> , 2012, 32, 8263-8269.	1.7	18
87	TrkB phosphorylation by Cdk5 is required for activity-dependent structural plasticity and spatial memory. <i>Nature Neuroscience</i> , 2012, 15, 1506-1515.	7.1	144
88	Î±2-chimaerin controls neuronal migration and functioning of the cerebral cortex through CRMP-2. <i>Nature Neuroscience</i> , 2012, 15, 39-47.	7.1	77
89	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
90	Cyclin-Dependent Kinase 5 in Axon Growth and Regeneration. <i>International Review of Neurobiology</i> , 2012, 105, 91-115.	0.9	13

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91	Eph receptors at synapses: Implications in neurodegenerative diseases. <i>Cellular Signalling</i> , 2012, 24, 606-611.	1.7	69
92	Dual actions of brain-derived neurotrophic factor on GABAergic transmission in cerebellar Purkinje neurons. <i>Experimental Neurology</i> , 2012, 233, 791-798.	2.0	34
93	Cdk5: a multifaceted kinase in neurodegenerative diseases. <i>Trends in Cell Biology</i> , 2012, 22, 169-175.	3.6	208
94	Natural products targeting telomere maintenance. <i>MedChemComm</i> , 2011, 2, 229.	3.5	37
95	A new carotenoid glycoside from <i>Rehmannia glutinosa</i> . <i>Natural Product Research</i> , 2011, 25, 1213-1218.	1.0	14
96	Molecular machinery of macroautophagy and its deregulation in diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1490-1497.	1.8	63
97	Career Development for Women Scientists in Asia. <i>Neuron</i> , 2011, 70, 1029-1032.	3.8	7
98	From understanding synaptic plasticity to the development of cognitive enhancers. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 1247-1256.	1.0	13
99	Autophagy deregulation in neurodegenerative diseases – recent advances and future perspectives. <i>Journal of Neurochemistry</i> , 2011, 118, 317-325.	2.1	109
100	Cdk5-mediated phosphorylation of endophilin B1 is required for induced autophagy in models of Parkinson's disease. <i>Nature Cell Biology</i> , 2011, 13, 568-579.	4.6	139
101	APCCdh1 mediates EphA4-dependent downregulation of AMPA receptors in homeostatic plasticity. <i>Nature Neuroscience</i> , 2011, 14, 181-189.	7.1	164
102	Intestinal transport of bis(12)-chupyrindone in Caco-2 cells and its improved permeability by the surfactant Brij-35. <i>Biopharmaceutics and Drug Disposition</i> , 2011, 32, 140-150.	1.1	26
103	Cdk5-Mediated Phosphorylation of Axin Directs Axon Formation during Cerebral Cortex Development. <i>Journal of Neuroscience</i> , 2011, 31, 13613-13624.	1.7	67
104	Trophic factors: 50 years of growth. <i>Developmental Neurobiology</i> , 2010, 70, 269-270.	1.5	4
105	Damarane saponins from <i>Gynostemma pentaphyllum</i> . <i>Phytochemistry</i> , 2010, 71, 1149-1157.	1.4	19
106	S-Nitrosylation of Cyclin-Dependent Kinase 5 (Cdk5) Regulates Its Kinase Activity and Dendrite Growth During Neuronal Development. <i>Journal of Neuroscience</i> , 2010, 30, 14366-14370.	1.7	58
107	Tyk2/STAT3 Signaling Mediates $\beta^2$ -Amyloid-Induced Neuronal Cell Death: Implications in Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2010, 30, 6873-6881.	1.7	121
108	Cdk5-Mediated Phosphorylation of $\beta$ -Catenin Regulates Its Localization and GluR2-Mediated Synaptic Activity. <i>Journal of Neuroscience</i> , 2010, 30, 8457-8467.	1.7	27

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109	New Secoiridoid Glucosides from <i>Ligustrum lucidum</i> Induce ERK and CREB Phosphorylation in Cultured Cortical Neurons. <i>Planta Medica</i> , 2010, 76, 998-1003.	0.7	27
110	Multiple roles of the Rho GEF ephexin1 in synapse remodeling. <i>Communicative and Integrative Biology</i> , 2010, 3, 622-624.	0.6	17
111	Two Cyclin-Dependent Kinase Pathways Are Essential for Polarized Trafficking of Presynaptic Components. <i>Cell</i> , 2010, 141, 846-858.	13.5	144
112	Ephexin1 Is Required for Structural Maturation and Neurotransmission at the Neuromuscular Junction. <i>Neuron</i> , 2010, 65, 204-216.	3.8	55
113	Systems-Level Comparison of Host-Responses Elicited by Avian H5N1 and Seasonal H1N1 Influenza Viruses in Primary Human Macrophages. <i>PLoS ONE</i> , 2009, 4, e8072.	1.1	109
114	Synapse development and plasticity: roles of ephrin/Eph receptor signaling. <i>Current Opinion in Neurobiology</i> , 2009, 19, 275-283.	2.0	161
115	Multiple Gi Proteins Participate in Nerve Growth Factor-Induced Activation of c-Jun N-terminal Kinases in PC12 Cells. <i>Neurochemical Research</i> , 2009, 34, 1101-1112.	1.6	12
116	Recent advances in understanding the roles of Cdk5 in synaptic plasticity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2009, 1792, 741-745.	1.8	81
117	The emerging role of autophagy in Parkinson's disease. <i>Molecular Brain</i> , 2009, 2, 29.	1.3	82
118	$\beta$ -catenin in reverse action. <i>Nature Neuroscience</i> , 2008, 11, 244-246.	7.1	7
119	CDK5 activator p35 downregulates E-cadherin precursor independently of CDK5. <i>FEBS Letters</i> , 2008, 582, 1197-1202.	1.3	11
120	Nerve growth factor-induced stimulation of p38 mitogen-activated protein kinase in PC12 cells is partially mediated via Gi/o proteins. <i>Cellular Signalling</i> , 2008, 20, 1538-1544.	1.7	20
121	Cyclin-Dependent Kinase 5 Supports Neuronal Survival through Phosphorylation of Bcl-2. <i>Journal of Neuroscience</i> , 2008, 28, 4872-4877.	1.7	79
122	Endophilin B1 as a Novel Regulator of Nerve Growth Factor/ TrkA Trafficking and Neurite Outgrowth. <i>Journal of Neuroscience</i> , 2008, 28, 9002-9012.	1.7	57
123	Bidirectional signaling of ErbB and Eph receptors at synapses. <i>Neuron Glia Biology</i> , 2008, 4, 211-221.	2.0	26
124	Hyperinduction of Cyclooxygenase-2-Mediated Proinflammatory Cascade: A Mechanism for the Pathogenesis of Avian Influenza H5N1 Infection. <i>Journal of Infectious Diseases</i> , 2008, 198, 525-535.	1.9	111
125	Cdk5 in Dendrite and Synapse Development: Emerging Role as a Modulator of Receptor Tyrosine Kinase Signaling. , 2008, , 51-68.		0
126	Cdk5 Is Involved in BDNF-Stimulated Dendritic Growth in Hippocampal Neurons. <i>PLoS Biology</i> , 2007, 5, e63.	2.6	158



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127	Cyclin-Dependent Kinase 5 Links Extracellular Cues to Actin Cytoskeleton During Dendritic Spine Development. <i>Cell Adhesion and Migration</i> , 2007, 1, 110-112.	1.1	18
128	Î±2-Chimaerin interacts with EphA4 and regulates EphA4-dependent growth cone collapse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16347-16352.	3.3	99
129	NRG induces membrane targeting of Gl±z in muscle: implication in myogenesis. <i>NeuroReport</i> , 2007, 18, 1433-1436.	0.6	1
130	Cdk5 regulates EphA4-mediated dendritic spine retraction through an ephexin1-dependent mechanism. <i>Nature Neuroscience</i> , 2007, 10, 67-76.	7.1	285
131	Differential regulation of the Cdk5-dependent phosphorylation sites of inhibitor-1 and DARPP-32 by depolarization. <i>Journal of Neurochemistry</i> , 2007, 103, 1582-1593.	2.1	4
132	The roles of cyclin-dependent kinase 5 in dendrite and synapse development. <i>Biotechnology Journal</i> , 2007, 2, 949-957.	1.8	68
133	Signaling Through the Neurotrophin Receptors. , 2006, , 11-41.		3
134	Synaptic Roles of Cdk5: Implications in Higher Cognitive Functions and Neurodegenerative Diseases. <i>Neuron</i> , 2006, 50, 13-18.	3.8	165
135	Pctaire1 Phosphorylates N-Ethylmaleimide-sensitive Fusion Protein. <i>Journal of Biological Chemistry</i> , 2006, 281, 9852-9858.	1.6	58
136	STAT3 as a Downstream Mediator of Trk Signaling and Functions. <i>Journal of Biological Chemistry</i> , 2006, 281, 15636-15644.	1.6	97
137	autoinhibition of X11/Mint scaffold proteins revealed by the closed conformation of the PDZ tandem. <i>FASEB Journal</i> , 2006, 20, A490.	0.2	0
138	Aberrant motor axon projection, acetylcholine receptor clustering, and neurotransmission in cyclin-dependent kinase 5 null mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15224-15230.	3.3	98
139	A DNA Microarray for the Authentication of Toxic Traditional Chinese Medicinal Plants. <i>Planta Medica</i> , 2005, 71, 580-584.	0.7	47
140	Regulation of NMDA Receptors by Neuregulin Signaling in Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2005, 25, 4974-4984.	1.7	191
141	Î±-Syntrophin regulates ARMS localization at the neuromuscular junction and enhances EphA4 signaling in an ARMS-dependent manner. <i>Journal of Cell Biology</i> , 2005, 169, 813-824.	2.3	48
142	SLAM-associated Protein as a Potential Negative Regulator in Trk Signaling. <i>Journal of Biological Chemistry</i> , 2005, 280, 41744-41752.	1.6	17
143	The N-terminal cytokine binding domain of LIFR is required for CNTF binding and signaling. <i>FEBS Letters</i> , 2005, 579, 4317-4323.	1.3	9
144	Identification of the Jak/Stat Proteins as Novel Downstream Targets of EphA4 Signaling in Muscle. <i>Journal of Biological Chemistry</i> , 2004, 279, 13383-13392.	1.6	75

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145	Cdk5/p35 Phosphorylates mSds3 and Regulates mSds3-mediated Repression of Transcription. Journal of Biological Chemistry, 2004, 279, 54438-54444.	1.6	38
146	Cdk5: mediator of neuronal death and survival. Neuroscience Letters, 2004, 361, 47-51.	1.0	82
147	Cyclin-dependent kinase 5 phosphorylates signal transducer and activator of transcription 3 and regulates its transcriptional activity. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6728-6733.	3.3	111
148	Postsynaptic signaling of new players at the neuromuscular junction. Journal of Neurocytology, 2003, 32, 727-741.	1.6	27
149	Central synapse and neuromuscular junction: same players, different roles. Trends in Genetics, 2003, 19, 395-402.	2.9	38
150	Ephrin-B1 Reverse Signaling Activates JNK through a Novel Mechanism That Is Independent of Tyrosine Phosphorylation. Journal of Biological Chemistry, 2003, 278, 24767-24775.	1.6	45
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152	Leukemia Inhibitory Factor Receptor Signaling Negatively Modulates Nerve Growth Factor-induced Neurite Outgrowth in PC12 Cells and Sympathetic Neurons. Journal of Biological Chemistry, 2003, 278, 38731-38739.	1.6	33
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