Keqiang Ye

List of Publications by Year
in descending order

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215 papers	16,520 citations	12303 69 h-index	19136 118 g-index
224 all docs	224 docs citations	224 times ranked	21517 citing authors

#	Article	IF	Citations
1	Inactivation of YAP oncoprotein by the Hippo pathway is involved in cell contact inhibition and tissue growth control. Genes and Development, 2007, 21, 2747-2761.	2.7	2,487
2	A selective TrkB agonist with potent neurotrophic activities by 7,8-dihydroxyflavone. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2687-2692.	3.3	586
3	Cleavage of tau by asparagine endopeptidase mediates the neurofibrillary pathology in Alzheimer's disease. Nature Medicine, 2014, 20, 1254-1262.	15.2	367
4	Phosphoglycerate Mutase 1 Coordinates Glycolysis and Biosynthesis to Promote Tumor Growth. Cancer Cell, 2012, 22, 585-600.	7.7	329
5	Honokiol, a Small Molecular Weight Natural Product, Inhibits Angiogenesis in Vitro and Tumor Growth in Vivo. Journal of Biological Chemistry, 2003, 278, 35501-35507.	1.6	314
6	Dexras1. Neuron, 2000, 28, 183-193.	3.8	297
7	PI3 kinase enhancerâ€“Homer complex couples mGluRI to PI3 kinase, preventing neuronal apoptosis. Nature Neuroscience, 2003, 6, 1153-1161.	7.1	262
8	6-Phosphogluconate dehydrogenase links oxidative PPP, lipogenesis and tumour growth by inhibiting LKB1â€“AMPK signalling. Nature Cell Biology, 2015, 17, 1484-1496.	4.6	224
9	Excess Phosphoinositide 3-Kinase Subunit Synthesis and Activity as a Novel Therapeutic Target in Fragile X Syndrome. Journal of Neuroscience, 2010, 30, 10624-10638.	1.7	219
10	Delta-secretase cleaves amyloid precursor protein and regulates the pathogenesis in Alzheimerâ€™s disease. Nature Communications, 2015, 6, 8762.	5.8	210
11	7,8-Dihydroxyflavone Prevents Synaptic Loss and Memory Deficits in a Mouse Model of Alzheimerâ€™s Disease. Neuropsychopharmacology, 2014, 39, 638-650.	2.8	198
12	Effect of 7,8-Dihydroxyflavone, a Small-Molecule TrkB Agonist, on Emotional Learning. American Journal of Psychiatry, 2011, 168, 163-172.	4.0	196
13	Inositol Pyrophosphates Mediate Chemotaxis in Dictyostelium via Pleckstrin Homology Domain-PtdIns(3,4,5)P3 Interactions. Cell, 2003, 114, 559-572.	13.5	188
14	Prelimbic cortical BDNF is required for memory of learned fear but not extinction or innate fear. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2675-2680.	3.3	183
15	A Synthetic 7,8-Dihydroxyflavone Derivative Promotes Neurogenesis and Exhibits Potent Antidepressant Effect. Journal of Medicinal Chemistry, 2010, 53, 8274-8286.	2.9	182
16	Reactive Oxygen Species-Induced Actin Glutathionylation Controls Actin Dynamics in Neutrophils. Immunity, 2012, 37, 1037-1049.	6.6	174
17	SUMOylation at K340 inhibits tau degradation through deregulating its phosphorylation and ubiquitination. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16586-16591.	3.3	172
18	N -acetylserotonin activates TrkB receptor in a circadian rhythm. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3876-3881.	3.3	171

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19	NT3-chitosan elicits robust endogenous neurogenesis to enable functional recovery after spinal cord injury. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13354-13359.	3.3	165
20	Asparagine endopeptidase cleaves Î±-synuclein and mediates pathologic activities in Parkinson's disease. Nature Structural and Molecular Biology, 2017, 24, 632-642.	3.6	159
21	Phospholipase CÎ³1 is a physiological guanine nucleotide exchange factor for the nuclear GTPase PIKE. Nature, 2002, 415, 541-544.	13.7	149
22	PIKE. Cell, 2000, 103, 919-930.	13.5	148
23	Tau accumulation induces synaptic impairment and memory deficit by calcineurin-mediated inactivation of nuclear CaMKIV/CREB signaling. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3773-81.	3.3	147
24	Inhibition of Mammalian Target of Rapamycin Induces Phosphatidylinositol 3-Kinase-Dependent and Mnk-Mediated Eukaryotic Translation Initiation Factor 4E Phosphorylation. Molecular and Cellular Biology, 2007, 27, 7405-7413.	1.1	137
25	Neurofibromatosis 2 (NF2) tumor suppressor merlin inhibits phosphatidylinositol 3-kinase through binding to PIKE-L. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 18200-18205.	3.3	134
26	FSH blockade improves cognition in mice with Alzheimerâ€™s disease. Nature, 2022, 603, 470-476.	13.7	131
27	Sex differences in brainâ€derived neurotrophic factor signaling and functions. Journal of Neuroscience Research, 2017, 95, 328-335.	1.3	130
28	Gambogic amide, a selective agonist for TrkA receptor that possesses robust neurotrophic activity, prevents neuronal cell death. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16329-16334.	3.3	129
29	7,8-dihydroxyflavone, a small molecular TrkB agonist, is useful for treating various BDNF-implicated human disorders. Translational Neurodegeneration, 2016, 5, 2.	3.6	129
30	Deficiency in BDNF/TrkB Neurotrophic Activity Stimulates Î³-Secretase by Upregulating C/EBPÎ² in Alzheimerâ€™s Disease. Cell Reports, 2019, 28, 655-669.e5.	2.9	129
31	The prodrug of 7,8-dihydroxyflavone development and therapeutic efficacy for treating Alzheimerâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 578-583.	3.3	123
32	Noscapine inhibits tumor growth with little toxicity to normal tissues or inhibition of immune responses. Cancer Immunology, Immunotherapy, 2000, 49, 217-225.	2.0	122
33	Akt Phosphorylates Mst1 and Prevents Its Proteolytic Activation, Blocking FOXO3 Phosphorylation and Nuclear Translocation. Journal of Biological Chemistry, 2007, 282, 30836-30844.	1.6	122
34	Paclitaxel-resistant Human Ovarian Cancer Cells Undergo c-Jun NH2-terminal Kinase-mediated Apoptosis in Response to Noscapine. Journal of Biological Chemistry, 2002, 277, 39777-39785.	1.6	118
35	Gut microbiota regulate Alzheimerâ€™s disease pathologies and cognitive disorders via PUFA-associated neuroinflammation. Gut, 2022, 71, 2233-2252.	6.1	118
36	Amitriptyline is a TrkA and TrkB Receptor Agonist that Promotes TrkA/TrkB Heterodimerization and Has Potent Neurotrophic Activity. Chemistry and Biology, 2009, 16, 644-656.	6.2	117

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37	Neuroprotective Actions of PIKE-L by Inhibition of SET Proteolytic Degradation by Asparagine Endopeptidase. Molecular Cell, 2008, 29, 665-678.	4.5	116
38	Nucleophosmin/B23, a Nuclear PI(3,4,5)P3 Receptor, Mediates the Antiapoptotic Actions of NGF by Inhibiting CAD. Molecular Cell, 2005, 18, 435-445.	4.5	114
39	Proteinase 3â€“dependent caspase-3 cleavage modulates neutrophil death and inflammation. Journal of Clinical Investigation, 2014, 124, 4445-4458.	3.9	114
40	Small-molecule TrkB receptor agonists improve motor function and extend survival in a mouse model of Huntington's disease. Human Molecular Genetics, 2013, 22, 2462-2470.	1.4	113
41	Tau accumulation impairs mitophagy via increasing mitochondrial membrane potential and reducing mitochondrial Parkin. Oncotarget, 2016, 7, 17356-17368.	0.8	113
42	Serine 518 phosphorylation modulates merlin intramolecular association and binding to critical effectors important for NF2 growth suppression. Oncogene, 2004, 23, 8447-8454.	2.6	110
43	Nuclear Akt associates with PKC-phosphorylated Ebp1, preventing DNA fragmentation by inhibition of caspase-activated DNase. EMBO Journal, 2006, 25, 2083-2095.	3.5	108
44	Lysine Acetylation Activates 6-Phosphogluconate Dehydrogenase to Promote Tumor Growth. Molecular Cell, 2014, 55, 552-565.	4.5	107
45	Cdk5-mediated regulation of the PIKE-A-Akt pathway and glioblastoma cell invasion. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7570-7575.	3.3	105
46	Human wild-type full-length tau accumulation disrupts mitochondrial dynamics and the functions via increasing mitofusins. Scientific Reports, 2016, 6, 24756.	1.6	105
47	Gut dysbiosis contributes to amyloid pathology, associated with C/EBPÎ²/AEP signaling activation in Alzheimerâ€™s disease mouse model. Science Advances, 2020, 6, eaba0466.	4.7	105
48	Ebp1 isoforms distinctively regulate cell survival and differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10917-10922.	3.3	100
49	Interaction of Akt-phosphorylated SRPK2 with 14-3-3 Mediates Cell Cycle and Cell Death in Neurons. Journal of Biological Chemistry, 2009, 284, 24512-24525.	1.6	100
50	Increased Expression of the PI3K Enhancer PIKE Mediates Deficits in Synaptic Plasticity and Behavior in Fragile X Syndrome. Cell Reports, 2015, 11, 727-736.	2.9	97
51	Solenopsin, the alkaloidal component of the fire ant (Solenopsis invicta), is a naturally occurring inhibitor of phosphatidylinositol-3-kinase signaling and angiogenesis. Blood, 2007, 109, 560-565.	0.6	96
52	Akt phosphorylation and nuclear phosphoinositide association mediate mRNA export and cell proliferation activities by ALY. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8649-8654.	3.3	96
53	7,8-dihydroxyflavone exhibits therapeutic efficacy in a mouse model of Rett syndrome. Journal of Applied Physiology, 2012, 112, 704-710.	1.2	96
54	Inhibition of delta-secretase improves cognitive functions in mouse models of Alzheimerâ€™s disease. Nature Communications, 2017, 8, 14740.	5.8	96

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55	Netrin-1 mediates neuronal survival through PIKE-L interaction with the dependence receptor UNC5B. Nature Cell Biology, 2008, 10, 698-706.	4.6	94
56	GRAB: A Physiologic Guanine Nucleotide Exchange Factor for Rab3a, which Interacts with Inositol Hexakisphosphate Kinase. Neuron, 2001, 31, 439-451.	3.8	92
57	TrkB neurotrophic activities are blocked by Î±-synuclein, triggering dopaminergic cell death in Parkinsonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10773-10778.	3.3	91
58	C/EBPÎ² regulates delta-secretase expression and mediates pathogenesis in mouse models of Alzheimerâ€™s disease. Nature Communications, 2018, 9, 1784.	5.8	91
59	Interaction between ROCK II and Nucleophosmin/B23 in the Regulation of Centrosome Duplication. Molecular and Cellular Biology, 2006, 26, 9016-9034.	1.1	89
60	Biochemical and Biophysical Investigation of the Brain-derived Neurotrophic Factor Mimetic 7,8-Dihydroxyflavone in the Binding and Activation of the TrkB Receptor. Journal of Biological Chemistry, 2014, 289, 27571-27584.	1.6	88
61	Deoxygedunin, a Natural Product with Potent Neurotrophic Activity in Mice. PLoS ONE, 2010, 5, e11528.	1.1	87
62	Structural analysis of asparaginyl endopeptidase reveals the activation mechanism and a reversible intermediate maturation stage. Cell Research, 2014, 24, 344-358.	5.7	86
63	PIKE/nuclear PI 3-kinase signaling mediates the antiapoptotic actions of NGF in the nucleus. EMBO Journal, 2004, 23, 3995-4006.	3.5	84
64	Akt phosphorylation regulates the tumour-suppressor merlin through ubiquitination and degradation. Nature Cell Biology, 2007, 9, 1199-1207.	4.6	82
65	PIKE (Phosphatidylinositol 3-Kinase Enhancer)-A GTPase Stimulates Akt Activity and Mediates Cellular Invasion. Journal of Biological Chemistry, 2004, 279, 16441-16451.	1.6	81
66	Akt phosphorylates acinus and inhibits its proteolytic cleavage, preventing chromatin condensation. EMBO Journal, 2005, 24, 3543-3554.	3.5	79
67	Sumoylation of nucleophosmin/B23 regulates its subcellular localization, mediating cell proliferation and survival. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9679-9684.	3.3	77
68	Serine/Arginine Proteinâ€“Specific Kinase 2 Promotes Leukemia Cell Proliferation by Phosphorylating Acinus and Regulating Cyclin A1. Cancer Research, 2008, 68, 4559-4570.	0.4	76
69	Small-molecule trkB agonists promote axon regeneration in cut peripheral nerves. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16217-16222.	3.3	74
70	Î±â€Synuclein stimulation of monoamine oxidaseâ€B and legumain protease mediates the pathology of Parkinson's disease. EMBO Journal, 2018, 37, .	3.5	73
71	PIKE-A is amplified in human cancers and prevents apoptosis by up-regulating Akt. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6993-6998.	3.3	71
72	Initiation of Parkinsonâ€™s disease from gut to brain by Î´-secretase. Cell Research, 2020, 30, 70-87.	5.7	69

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73	Cerebrospinal fluid tau fragment correlates with tau PET: a candidate biomarker for tangle pathology. Brain, 2020, 143, 650-660.	3.7	68
74	Mice lacking asparaginyl endopeptidase develop disorders resembling hemophagocytic syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 468-473.	3.3	67
75	Norepinephrine metabolite DOPEGAL activates AEP and pathological Tau aggregation in locus coeruleus. Journal of Clinical Investigation, 2019, 130, 422-437.	3.9	65
76	Nuclear Akt interacts with B23/NPM and protects it from proteolytic cleavage, enhancing cell survival. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16584-16589.	3.3	64
77	Protein 4.1N Binding to Nuclear Mitotic Apparatus Protein in PC12 Cells Mediates the Antiproliferative Actions of Nerve Growth Factor. Journal of Neuroscience, 1999, 19, 10747-10756.	1.7	63
78	Deactivation of Akt by a small molecule inhibitor targeting pleckstrin homology domain and facilitating Akt ubiquitination. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6486-6491.	3.3	62
79	Activation of Muscular TrkB by its Small Molecular Agonist 7,8-Dihydroxyflavone Sex-Dependently Regulates Energy Metabolism in Diet-Induced Obese Mice. Chemistry and Biology, 2015, 22, 355-368.	6.2	62
80	O-Methylated Metabolite of 7,8-Dihydroxyflavone Activates TrkB Receptor and Displays Antidepressant Activity. Pharmacology, 2013, 91, 185-200.	0.9	61
81	Akt phosphorylation is essential for nuclear translocation and retention in NGF-stimulated PC12 cells. Biochemical and Biophysical Research Communications, 2006, 349, 789-798.	1.0	60
82	Î´-secretase in neurodegenerative diseases: mechanisms, regulators and therapeutic opportunities. Translational Neurodegeneration, 2020, 9, 1.	3.6	60
83	Nucleophosmin/B23, a multifunctional protein that can regulate apoptosis. Cancer Biology and Therapy, 2005, 4, 918-923.	1.5	57
84	PIKE GTPase: a novel mediator of phosphoinositide signaling. Journal of Cell Science, 2004, 117, 155-161.	1.2	54
85	Optimization of a Small Tropomyosin-Related Kinase B (TrkB) Agonist 7,8-Dihydroxyflavone Active in Mouse Models of Depression. Journal of Medicinal Chemistry, 2012, 55, 8524-8537.	2.9	54
86	N-Acetylserotonin. Neuroscientist, 2012, 18, 645-653.	2.6	54
87	Small molecule TrkB agonist deoxygedunin protects nigrostriatal dopaminergic neurons from 6-OHDA and MPTP induced neurotoxicity in rodents. Neuropharmacology, 2015, 99, 448-458.	2.0	54
88	Delta-Secretase Phosphorylation by SRPK2 Enhances Its Enzymatic Activity, Provoking Pathogenesis in Alzheimerâ€™s Disease. Molecular Cell, 2017, 67, 812-825.e5.	4.5	54
89	Î´-Secretase-cleaved Tau stimulates AÎ² production via upregulating STAT1-BACE1 signaling in Alzheimerâ€™s disease. Molecular Psychiatry, 2021, 26, 586-603.	4.1	54
90	Gut inflammation triggers C/EBPÎ²/Î´â€secretaseâ€dependent gutâ€toâ€brain propagation of AÎ² and Tau fibrils in Alzheimerâ€™s disease. EMBO Journal, 2021, 40, e106320.	3.5	54

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91	SRPK2 Phosphorylates Tau and Mediates the Cognitive Defects in Alzheimer's Disease. Journal of Neuroscience, 2012, 32, 17262-17272.	1.7	53
92	Asparaginyl endopeptidase cleaves TDPâ€43 in brain. Proteomics, 2012, 12, 2455-2463.	1.3	52
93	Phosphoinositide 3-Kinase Enhancer Regulates Neuronal Dendritogenesis and Survival in Neocortex. Journal of Neuroscience, 2011, 31, 8083-8092.	1.7	50
94	Akt Phosphorylates NQO1 and Triggers its Degradation, Abolishing Its Antioxidative Activities in Parkinson's Disease. Journal of Neuroscience, 2019, 39, 7291-7305.	1.7	50
95	Ebp1 Association with Nucleophosmin/B23 Is Essential for Regulating Cell Proliferation and Suppressing Apoptosis. Journal of Biological Chemistry, 2007, 282, 36744-36754.	1.6	49
96	Targeted deletion of tumor suppressor PTEN augments neutrophil function and enhances host defense in neutropenia-associated pneumonia. Blood, 2009, 113, 4930-4941.	0.6	49
97	Traumatic brain injury triggers APP and Tau cleavage by delta-secretase, mediating Alzheimerâ€™s disease pathology. Progress in Neurobiology, 2020, 185, 101730.	2.8	49
98	N -acetylserotonin promotes hippocampal neuroprogenitor cell proliferation in sleep-deprived mice. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8844-8849.	3.3	48
99	Norepinephrine Protects against Amyloid-Î² Toxicity via TrkB. Journal of Alzheimer's Disease, 2015, 44, 251-260.	1.2	47
100	Loss of Tumor Suppressor Merlin in Advanced Breast Cancer Is due to Post-translational Regulation. Journal of Biological Chemistry, 2011, 286, 40376-40385.	1.6	46
101	Cigarette smoke (CS) and nicotine delay neutrophil spontaneous death via suppressing production of diphosphoinositol pentakisphosphate. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7726-7731.	3.3	46
102	Identification of a Small Molecular Insulin Receptor Agonist With Potent Antidiabetes Activity. Diabetes, 2014, 63, 1394-1409.	0.3	45
103	Î±-Synuclein binds and sequesters PIKE-L into Lewy bodies, triggering dopaminergic cell death via AMPK hyperactivation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1183-1188.	3.3	44
104	BDNF mimetic alleviates body weight gain in obese mice by enhancing mitochondrial biogenesis in skeletal muscle. Metabolism: Clinical and Experimental, 2018, 87, 113-122.	1.5	44
105	Asparagine endopeptidase is an innovative therapeutic target for neurodegenerative diseases. Expert Opinion on Therapeutic Targets, 2016, 20, 1237-1245.	1.5	43
106	Tau accumulation triggers <scp>STAT</scp> 1â€dependent memory deficits by suppressing <scp>NMDA</scp> receptor expression. EMBO Reports, 2019, 20, .	2.0	43
107	NQO1 Is Regulated by PTEN in Glioblastoma, Mediating Cell Proliferation and Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-16.	1.9	42
108	Delta-secretase-cleaved Tau antagonizes TrkB neurotrophic signalings, mediating Alzheimerâ€™s disease pathologies. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9094-9102.	3.3	42

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109	Nuclear phosphoinositide signaling regulates messenger RNA export. RNA Biology, 2009, 6, 12-16.	1.5	41
110	Protection of Spiral Ganglion Neurons from Degeneration Using Small-Molecule TrkB Receptor Agonists. Journal of Neuroscience, 2013, 33, 13042-13052.	1.7	41
111	N -acetyl serotonin derivatives as potent neuroprotectants for retinas. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3540-3545.	3.3	39
112	Sustained Activation of p34 Is Required for Noscapine-induced Apoptosis. Journal of Biological Chemistry, 2001, 276, 46697-46700.	1.6	37
113	Phosphoinositol lipids bind to phosphatidylinositol 3 (PI3)-kinase enhancer GTPase and mediate its stimulatory effect on PI3-kinase and Akt signalings. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16853-16858.	3.3	37
114	Synergistic suppression of noscapine and conventional chemotherapeutics on human glioblastoma cell growth. Acta Pharmacologica Sinica, 2013, 34, 930-938.	2.8	37
115	BDNF inhibits neurodegenerative diseaseâ€“associated asparaginyl endopeptidase activity via phosphorylation by AKT. JCI Insight, 2018, 3, .	2.3	37
116	PIKE/nuclear PI 3-kinase signaling in preventing programmed cell death. Journal of Cellular Biochemistry, 2005, 96, 463-472.	1.2	36
117	Discovery of a dual inhibitor of NQO1 and GSTP1 for treating glioblastoma. Journal of Hematology and Oncology, 2020, 13, 141.	6.9	36
118	Akt-phosphorylated PIKE-A inhibits UNC5B-induced apoptosis in cancer cell lines in a p53-dependent manner. Molecular Biology of the Cell, 2011, 22, 1943-1954.	0.9	35
119	Functional and Structural Impairments in the Perirhinal Cortex of a Mouse Model of CDKL5 Deficiency Disorder Are Rescued by a TrkB Agonist. Frontiers in Cellular Neuroscience, 2019, 13, 169.	1.8	35
120	Netrin-1 exerts oncogenic activities through enhancing Yes-associated protein stability. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7255-7260.	3.3	34
121	Nuclear phosphoinositide signaling. Frontiers in Bioscience - Landmark, 2008, 13, 540.	3.0	34
122	Inhibition of IP6K1 suppresses neutrophil-mediated pulmonary damage in bacterial pneumonia. Science Translational Medicine, 2018, 10, .	5.8	33
123	Novel small molecule activators of the Trk family of receptor tyrosine kinases. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 2213-2218.	1.1	32
124	CK2 Phosphorylating I2PP2A/SET Mediates Tau Pathology and Cognitive Impairment. Frontiers in Molecular Neuroscience, 2018, 11, 146.	1.4	32
125	C/EBPÎ² is a key transcription factor for APOE and preferentially mediates ApoE4 expression in Alzheimerâ€™s disease. Molecular Psychiatry, 2021, 26, 6002-6022.	4.1	32
126	Netrinâ€1 and its receptor DCC modulate survival and death of dopamine neurons and Parkinsonâ€™s disease features. EMBO Journal, 2021, 40, e105537.	3.5	32

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127	Muscle-generated BDNF (brain derived neurotrophic factor) maintains mitochondrial quality control in female mice. Autophagy, 2022, 18, 1367-1384.	4.3	32
128	Akt Phosphorylation of Merlin Enhances Its Binding to Phosphatidylinositols and Inhibits the Tumor-Suppressive Activities of Merlin. Cancer Research, 2009, 69, 4043-4051.	0.4	31
129	PIKE-A is required for prolactin-mediated STAT5a activation in mammary gland development. EMBO Journal, 2010, 29, 956-968.	3.5	31
130	Long-Term Dietary Alpha-Linolenic Acid Supplement Alleviates Cognitive Impairment Correlate with Activating Hippocampal CREB Signaling in Natural Aging Rats. Molecular Neurobiology, 2016, 53, 4772-4786.	1.9	31
131	Identification of a Molecular Activator for Insulin Receptor with Potent Anti-diabetic Effects. Journal of Biological Chemistry, 2011, 286, 37379-37388.	1.6	30
132	Central role of SIAH inhibition in DCC-dependent cardioprotection provoked by netrin-1/NO. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 899-904.	3.3	30
133	Longitudinal tau and metabolic PET imaging in relation to novel CSF tau measures in Alzheimerâ€™s disease. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1152-1163.	3.3	30
134	BACE1 SUMOylation increases its stability and escalates the protease activity in Alzheimerâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3954-3959.	3.3	29
135	Netrin1 deficiency activates MST1 via UNC5B receptor, promoting dopaminergic apoptosis in Parkinsonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24503-24513.	3.3	29
136	Blockade of Asparagine Endopeptidase Inhibits Cancer Metastasis. Journal of Medicinal Chemistry, 2017, 60, 7244-7255.	2.9	27
137	7,8-dihydroxyflavone protects 6-OHDA and MPTP induced dopaminergic neurons degeneration through activation of TrkB in rodents. Neuroscience Letters, 2016, 620, 43-49.	1.0	26
138	Tumor Necrosis Factor-Î± Promotes Phosphoinositide 3-Kinase Enhancer A and AMP-Activated Protein Kinase Interaction to Suppress Lipid Oxidation in Skeletal Muscle. Diabetes, 2017, 66, 1858-1870.	0.3	26
139	7,8-Dihydroxyflavone modulates bone formation and resorption and ameliorates ovariectomy-induced osteoporosis. ELife, 2021, 10, .	2.8	26
140	Mitochondrial dysfunction triggers the pathogenesis of Parkinsonâ€™s disease in neuronal C/EBPÎ² transgenic mice. Molecular Psychiatry, 2021, 26, 7838-7850.	4.1	26
141	Phosphorylation of Merlin Regulates its Stability and Tumor Suppressive Activity. Cell Adhesion and Migration, 2007, 1, 196-198.	1.1	25
142	Nuclear Functions of the Arf Guanine Nucleotide Exchange Factor BRAG2. Traffic, 2007, 8, 661-672.	1.3	25
143	Deficiency of Phosphoinositide 3-Kinase Enhancer Protects Mice From Diet-Induced Obesity and Insulin Resistance. Diabetes, 2010, 59, 883-893.	0.3	24
144	Delta-secretase (AEP) mediates tau-splicing imbalance and accelerates cognitive decline in tauopathies. Journal of Experimental Medicine, 2018, 215, 3038-3056.	4.2	24

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145	C/EBPÎ² mediates NQO1 and GSTP1 anti-oxidative reductases expression in glioblastoma, promoting brain tumor proliferation. Redox Biology, 2020, 34, 101578.	3.9	24
146	BDNF and Netrin-1 repression by C/EBPÎ² in the gut triggers Parkinsonâ€™s disease pathologies, associated with constipation and motor dysfunctions. Progress in Neurobiology, 2021, 198, 101905.	2.8	24
147	ApoE4 activates C/EBPÎ²/Î´-secretase with 27-hydroxycholesterol, driving the pathogenesis of Alzheimerâ€™s disease. Progress in Neurobiology, 2021, 202, 102032.	2.8	24
148	Phospholipase Activity of Phospholipase C-Î³1 Is Required for Nerve Growth Factor-regulated MAP Kinase Signaling Cascade in PC12 Cells. Journal of Biological Chemistry, 2003, 278, 52497-52503.	1.6	23
149	PIKE GTPase Signaling and Function. International Journal of Biological Sciences, 2005, 1, 44-50.	2.6	23
150	Blockade of Glioma Proliferation Through Allosteric Inhibition of JAK2. Science Signaling, 2013, 6, ra55.	1.6	23
151	Chronic alpha-linolenic acid treatment alleviates age-associated neuropathology: Roles of PERK/eIF2Î± signaling pathway. Brain, Behavior, and Immunity, 2016, 57, 314-325.	2.0	23
152	MicroRNA-mediated disruption of dendritogenesis during a critical period of development influences cognitive capacity later in life. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9188-9193.	3.3	23
153	Searching for novel cerebrospinal fluid biomarkers of tau pathology in frontotemporal dementia: an elusive quest. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 740-746.	0.9	23
154	7,8,3â€²-Trihydroxyflavone, a potent small molecule TrkB receptor agonist, protects spiral ganglion neurons from degeneration both in vitro and in vivo. Biochemical and Biophysical Research Communications, 2012, 422, 387-392.	1.0	22
155	Netrin-1 receptor UNC5C cleavage by active Î´-secretase enhances neurodegeneration, promoting Alzheimerâ€™s disease pathologies. Science Advances, 2021, 7, .	4.7	22
156	PIKE-mediated PI3-kinase activity is required for AMPA receptor surface expression. EMBO Journal, 2011, 30, 4274-4286.	3.5	21
157	TRH Analog, Taltirelin Protects Dopaminergic Neurons From Neurotoxicity of MPTP and Rotenone. Frontiers in Cellular Neuroscience, 2018, 12, 485.	1.8	21
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