Keqiang Ye

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/6060243/keqiang-ye-publications-by-year.pdf
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

210 papers	12,249 citations	63 h-index	105 g-index
224 ext. papers	14,538 ext. citations	10.3 avg, IF	6.14 L-index

#	Paper	IF	Citations
210	UNC5C Receptor Proteolytic Cleavage by Active AEP Promotes Dopaminergic Neuronal Degeneration in Parkinson's Disease.. *Advanced Science*, **2022**, e2103396	13.6	2
209	Gut microbiota regulate Alzheimer's disease pathologies and cognitive disorders via PUFA-associated neuroinflammation.. *Gut*, **2022**,	19.2	5
208	FSH blockade improves cognition in mice with Alzheimer's disease.. *Nature*, **2022**,	50.4	12
207	Tau modification by the norepinephrine metabolite DOPEGAL stimulates its pathology and propagation.. *Nature Structural and Molecular Biology*, **2022**,	17.6	1
206	Neuronal C/EBP/AEP pathway shortens life span via selective GABAnergic neuronal degeneration by FOXO repression.. *Science Advances*, **2022**, 8, eabj8658	14.3	0
205	Oral Treatments With the TrkB Ligand Prodrug, R13, Promote Enhanced Axon Regeneration Following Peripheral Nerve Injury.. *Frontiers in Cellular Neuroscience*, **2022**, 16, 857664	6.1	
204	A synapsin I cleavage fragment contributes to synaptic dysfunction in Alzheimer's disease.. *Aging Cell*, **2022**, e13619	9.9	0
203	Netrin-1 and its receptor DCC modulate survival and death of dopamine neurons and Parkinson's disease features. *EMBO Journal*, **2021**, 40, e105537	13	11
202	Neuronal ApoE4 stimulates C/EBP activation, promoting Alzheimer's disease pathology in a mouse model.. *Progress in Neurobiology*, **2021**, 209, 102212	10.9	2
201	Transgenic Mice Expressing Human Synuclein 1-103 Fragment as a Novel Model of Parkinson's Disease. *Frontiers in Aging Neuroscience*, **2021**, 13, 760781	5.3	1
200	Muscle-generated BDNF (brain derived neurotrophic factor) maintains mitochondrial quality control in female mice. *Autophagy*, **2021**, 1-18	10.2	3
199	Asparagine Endopeptidase (Secretase), an Enzyme Implicated in Alzheimer's Disease Pathology, Is an Inhibitor of Axon Regeneration in Peripheral Nerves. *ENeuro*, **2021**, 8,	3.9	2
198	TrkB receptor cleavage by delta-secretase abolishes its phosphorylation of APP, aggravating Alzheimer's disease pathologies. *Molecular Psychiatry*, **2021**, 26, 2943-2963	15.1	6
197	Netrin-1 receptor UNC5C cleavage by active secretase enhances neurodegeneration, promoting Alzheimer's disease pathologies. *Science Advances*, **2021**, 7,	14.3	6
196	A delta-secretase-truncated APP fragment activates CEBPB, mediating Alzheimer's disease pathologies. *Brain*, **2021**, 144, 1833-1852	11.2	1
195	ApoE4 inhibition of VMAT2 in the locus coeruleus exacerbates Tau pathology in Alzheimer's disease. *Acta Neuropathologica*, **2021**, 142, 139-158	14.3	9
194	Amphiphysin I cleavage by asparagine endopeptidase leads to tau hyperphosphorylation and synaptic dysfunction. *ELife*, **2021**, 10,	8.9	2

193	Optimized TrkB Agonist Ameliorates Alzheimer's Disease Pathologies and Improves Cognitive Functions via Inhibiting Delta-Secretase. *ACS Chemical Neuroscience*, **2021**, 12, 2448-2461	5.7	5
192	Neurotrophic signaling deficiency exacerbates environmental risks for Alzheimer's disease pathogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	3
191	C/EBP/AEP Signaling Regulates the Oxidative Stress in Malignant Cancers, Stimulating the Metastasis. *Molecular Cancer Therapeutics*, **2021**, 20, 1640-1652	6.1	1
190	7,8-Dihydroxyflavone modulates bone formation and resorption and ameliorates ovariectomy-induced osteoporosis. *ELife*, **2021**, 10,	8.9	5
189	Asparagine endopeptidase cleaves synaptojanin 1 and triggers synaptic dysfunction in Parkinson's disease. *Neurobiology of Disease*, **2021**, 154, 105326	7.5	0
188	Gut inflammation triggers C/EBP/-secretase-dependent gut-to-brain propagation of A- and Tau fibrils in Alzheimer's disease. *EMBO Journal*, **2021**, 40, e106320	13	11
187	C/EBP/-secretase signaling mediates Parkinson's disease pathogenesis via regulating transcription and proteolytic cleavage of -synuclein and MAOB. *Molecular Psychiatry*, **2021**, 26, 568-585	15.1	7
186	-Secretase-cleaved Tau stimulates A-production via upregulating STAT1-BACE1 signaling in Alzheimer's disease. *Molecular Psychiatry*, **2021**, 26, 586-603	15.1	31
185	BDNF and Netrin-1 repression by C/EBP-in the gut triggers Parkinson's disease pathologies, associated with constipation and motor dysfunctions. *Progress in Neurobiology*, **2021**, 198, 101905	10.9	8
184	Crosstalk between the muscular estrogen receptor -and BDNF/TrkB signaling alleviates metabolic syndrome via 7,8-dihydroxyflavone in female mice. *Molecular Metabolism*, **2021**, 45, 101149	8.8	5
183	ApoE4 activates C/EBP/-secretase with 27-hydroxycholesterol, driving the pathogenesis of Alzheimer's disease. *Progress in Neurobiology*, **2021**, 202, 102032	10.9	3
182	Targeting both BDNF/TrkB pathway and delta-secretase for treating Alzheimer's disease. *Neuropharmacology*, **2021**, 197, 108737	5.5	2
181	Inhibition of PHLPP1/2 phosphatases rescues pancreatic -cells in diabetes. *Cell Reports*, **2021**, 36, 109490	10.6	5
180	A -adducin cleavage fragment induces neurite deficits and synaptic dysfunction in Alzheimer's disease. *Progress in Neurobiology*, **2021**, 203, 102074	10.9	0
179	Mitochondrial dysfunction triggers the pathogenesis of Parkinson's disease in neuronal C/EBP- transgenic mice. *Molecular Psychiatry*, **2021**,	15.1	4
178	Delta- and beta- secretases crosstalk amplifies the amyloidogenic pathway in Alzheimer's disease. *Progress in Neurobiology*, **2021**, 204, 102113	10.9	1
177	Delta-secretase triggers Alzheimer's disease pathologies in wild-type hAPP/hMAPT double transgenic mice. *Cell Death and Disease*, **2020**, 11, 1058	9.8	5
176	C/EBP-mediates NQO1 and GSTP1 anti-oxidative reductases expression in glioblastoma, promoting brain tumor proliferation. *Redox Biology*, **2020**, 34, 101578	11.3	12

175	Norepinephrine metabolite DOPEGAL activates AEP and pathological Tau aggregation in locus coeruleus. *Journal of Clinical Investigation*, **2020**, 130, 422-437	15.9	36
174	δ-secretase in neurodegenerative diseases: mechanisms, regulators and therapeutic opportunities. *Translational Neurodegeneration*, **2020**, 9, 1	10.3	11
173	Cerebrospinal fluid tau fragment correlates with tau PET: a candidate biomarker for tangle pathology. *Brain*, **2020**, 143, 650-660	11.2	33
172	Initiation of Parkinson's disease from gut to brain by δ-secretase. *Cell Research*, **2020**, 30, 70-87	24.7	23
171	Traumatic brain injury triggers APP and Tau cleavage by delta-secretase, mediating Alzheimer's disease pathology. *Progress in Neurobiology*, **2020**, 185, 101730	10.9	22
170	Discovery of a dual inhibitor of NQO1 and GSTP1 for treating glioblastoma. *Journal of Hematology and Oncology*, **2020**, 13, 141	22.4	10
169	Gut dysbiosis contributes to amyloid pathology, associated with C/EBPβ/AEP signaling activation in Alzheimer's disease mouse model. *Science Advances*, **2020**, 6, eaba0466	14.3	47
168	Delta-secretase cleavage of Tau mediates its pathology and propagation in Alzheimer's disease. *Experimental and Molecular Medicine*, **2020**, 52, 1275-1287	12.8	7
167	Netrin1 deficiency activates MST1 via UNC5B receptor, promoting dopaminergic apoptosis in Parkinson's disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 24503-24513	11.5	6
166	C/EBPδ is a key transcription factor for APOE and preferentially mediates ApoE4 expression in Alzheimer's disease. *Molecular Psychiatry*, **2020**,	15.1	10
165	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	6.1	15
164	Tau accumulation triggers STAT1-dependent memory deficits by suppressing NMDA receptor expression. *EMBO Reports*, **2019**, 20,	6.5	26
163	Delta-secretase-cleaved Tau antagonizes TrkB neurotrophic signalings, mediating Alzheimer's disease pathologies. *Proceedings of the National Academy of Sciences of the United States of America* , **2019**, 116, 9094-9102	11.5	29
162	Cellular energy stress induces AMPK-mediated regulation of glioblastoma cell proliferation by PIKE-A phosphorylation. *Cell Death and Disease*, **2019**, 10, 222	9.8	11
161	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	5.5	14
160	Unbiased transcriptomic analyses reveal distinct effects of immune deficiency in CNS function with and without injury. *Protein and Cell*, **2019**, 10, 566-582	7.2	5
159	Akt Phosphorylates NQO1 and Triggers its Degradation, Abolishing Its Antioxidative Activities in Parkinson's Disease. *Journal of Neuroscience*, **2019**, 39, 7291-7305	6.6	21
158	Deficiency in BDNF/TrkB Neurotrophic Activity Stimulates δ-Secretase by Upregulating C/EBPβ in Alzheimer's Disease. *Cell Reports*, **2019**, 28, 655-669.e5	10.6	56

157	Developing Insulin and BDNF Mimetics for Diabetes Therapy. *Current Topics in Medicinal Chemistry*, **2019**, 19, 2188-2204	3	7
156	Roles of ErbB3-binding protein 1 (EBP1) in embryonic development and gene-silencing control. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 24852-24860	11.5	2
155	Longitudinal tau and metabolic PET imaging in relation to novel CSF tau measures in Alzheimer's disease. *European Journal of Nuclear Medicine and Molecular Imaging*, **2019**, 46, 1152-1163	8.8	23
154	Inhibition of IP6K1 suppresses neutrophil-mediated pulmonary damage in bacterial pneumonia. *Science Translational Medicine*, **2018**, 10,	17.5	18
153	The prodrug of 7,8-dihydroxyflavone development and therapeutic efficacy for treating Alzheimer's disease. *Proceedings of the National Academy of Sciences of the United States of America* , **2018**, 115, 578-583	11.5	76
152	C/EBP regulates delta-secretase expression and mediates pathogenesis in mouse models of Alzheimer's disease. *Nature Communications*, **2018**, 9, 1784	17.4	53
151	BACE1 SUMOylation increases its stability and escalates the protease activity in Alzheimer's disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 3954-3959	11.5	22
150	CK2 Phosphorylating I/SET Mediates Tau Pathology and Cognitive Impairment. *Frontiers in Molecular Neuroscience*, **2018**, 11, 146	6.1	17
149	BDNF inhibits neurodegenerative disease-associated asparaginyl endopeptidase activity via phosphorylation by AKT. *JCI Insight*, **2018**, 3,	9.9	19
148	TRH Analog, Taltirelin Improves Motor Function of Hemi-PD Rats Without Inducing Dyskinesia via Sustained Dopamine Stimulating Effect. *Frontiers in Cellular Neuroscience*, **2018**, 12, 417	6.1	7
147	TRH Analog, Taltirelin Protects Dopaminergic Neurons From Neurotoxicity of MPTP and Rotenone. *Frontiers in Cellular Neuroscience*, **2018**, 12, 485	6.1	11
146	NQO1 Is Regulated by PTEN in Glioblastoma, Mediating Cell Proliferation and Oxidative Stress. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 9146528	6.7	28
145	Spatiotemporal activation of the C/EBP -secretase axis regulates the pathogenesis of Alzheimer's disease. *Proceedings of the National Academy of Sciences of the United States of America* , **2018**, 115, E12427-E12434	11.5	15
144	BDNF mimetic alleviates body weight gain in obese mice by enhancing mitochondrial biogenesis in skeletal muscle. *Metabolism: Clinical and Experimental*, **2018**, 87, 113-122	12.7	27
143	Delta-secretase (AEP) mediates tau-splicing imbalance and accelerates cognitive decline in tauopathies. *Journal of Experimental Medicine*, **2018**, 215, 3038-3056	16.6	15
142	Bilateral Implantation of Shear Stress Modifier in Knockout Mouse Induces Cognitive Impairment and Tau Abnormalities. *Frontiers in Aging Neuroscience*, **2018**, 10, 303	5.3	2
141	-Synuclein stimulation of monoamine oxidase-B and legumain protease mediates the pathology of Parkinson's disease. *EMBO Journal*, **2018**, 37,	13	39
140	-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	11.5	18

139	Tumor Necrosis Factor-Promotes Phosphoinositide 3-Kinase Enhancer A and AMP-Activated Protein Kinase Interaction to Suppress Lipid Oxidation in Skeletal Muscle. *Diabetes*, **2017**, 66, 1858-1870	0.9	22
138	Inhibition of delta-secretase improves cognitive functions in mouse models of Alzheimer's disease. *Nature Communications*, **2017**, 8, 14740	17.4	63
137	Delta-Secretase Phosphorylation by SRPK2 Enhances Its Enzymatic Activity, Provoking Pathogenesis in Alzheimer's Disease. *Molecular Cell*, **2017**, 67, 812-825.e5	17.6	34
136	TrkB neurotrophic activities are blocked by -synuclein, triggering dopaminergic cell death in Parkinson's disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 10773-10778	11.5	56
135	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	11.5	11
134	Blockade of Asparagine Endopeptidase Inhibits Cancer Metastasis. *Journal of Medicinal Chemistry*, **2017**, 60, 7244-7255	8.3	17
133	Asparagine endopeptidase cleaves -synuclein and mediates pathologic activities in Parkinson's disease. *Nature Structural and Molecular Biology*, **2017**, 24, 632-642	17.6	91
132	Sex differences in brain-derived neurotrophic factor signaling and functions. *Journal of Neuroscience Research*, **2017**, 95, 328-335	4.4	75
131	Long-Term Dietary Alpha-Linolenic Acid Supplement Alleviates Cognitive Impairment Correlate with Activating Hippocampal CREB Signaling in Natural Aging Rats. *Molecular Neurobiology*, **2016**, 53, 4772-86	6.2	23
130	Human wild-type full-length tau accumulation disrupts mitochondrial dynamics and the functions via increasing mitofusins. *Scientific Reports*, **2016**, 6, 24756	4.9	72
129	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	11.5	95
128	7,8-dihydroxyflavone, a small molecular TrkB agonist, is useful for treating various BDNF-implicated human disorders. *Translational Neurodegeneration*, **2016**, 5, 2	10.3	88
127	Cognitive impairments following cranial irradiation can be mitigated by treatment with a tropomyosin receptor kinase B agonist. *Experimental Neurology*, **2016**, 279, 178-186	5.7	12
126	Chronic alpha-linolenic acid treatment alleviates age-associated neuropathology: Roles of PERK/eIF2signaling pathway. *Brain, Behavior, and Immunity*, **2016**, 57, 314-325	16.6	20
125	Tau accumulation impairs mitophagy via increasing mitochondrial membrane potential and reducing mitochondrial Parkin. *Oncotarget*, **2016**, 7, 17356-68	3.3	74
124	7,8-dihydroxyflavone protects 6-OHDA and MPTP induced dopaminergic neurons degeneration through activation of TrkB in rodents. *Neuroscience Letters*, **2016**, 620, 43-9	3.3	21
123	Asparagine endopeptidase is an innovative therapeutic target for neurodegenerative diseases. *Expert Opinion on Therapeutic Targets*, **2016**, 20, 1237-45	6.4	24
122	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, 355-68		47

121	6-Phosphogluconate dehydrogenase links oxidative PPP, lipogenesis and tumour growth by inhibiting LKB1-AMPK signalling. *Nature Cell Biology*, **2015**, 17, 1484-96	23.4	153
120	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, 13354-9	11.5	122
119	Small molecule TrkB agonist deoxygedunin protects nigrostriatal dopaminergic neurons from 6-OHDA and MPTP induced neurotoxicity in rodents. *Neuropharmacology*, **2015**, 99, 448-58	5.5	40
118	Norepinephrine Protects against Amyloid-β Toxicity via TrkB. *Journal of Alzheimer's Disease*, **2015**, 44, 251-60	4.3	40
117	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, 7255-60	11.5	26
116	Delta-secretase cleaves amyloid precursor protein and regulates the pathogenesis in Alzheimer's disease. *Nature Communications*, **2015**, 6, 8762	17.4	145
115	Increased expression of the PI3K enhancer PIKE mediates deficits in synaptic plasticity and behavior in fragile X syndrome. *Cell Reports*, **2015**, 11, 727-36	10.6	78
114	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	11.5	23
113	7,8-dihydroxyflavone prevents synaptic loss and memory deficits in a mouse model of Alzheimer's disease. *Neuropsychopharmacology*, **2014**, 39, 638-50	8.7	149
112	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, 16586-91	11.5	113
111	Cleavage of tau by asparagine endopeptidase mediates the neurofibrillary pathology in Alzheimer's disease. *Nature Medicine*, **2014**, 20, 1254-62	50.5	248
110	Identification of a small molecular insulin receptor agonist with potent antidiabetes activity. *Diabetes*, **2014**, 63, 1394-409	0.9	37
109	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, 27571-84	5.4	65
108	Lysine acetylation activates 6-phosphogluconate dehydrogenase to promote tumor growth. *Molecular Cell*, **2014**, 55, 552-65	17.6	78
107	Structural analysis of asparaginyl endopeptidase reveals the activation mechanism and a reversible intermediate maturation stage. *Cell Research*, **2014**, 24, 344-58	24.7	66
106	Proteinase 3-dependent caspase-3 cleavage modulates neutrophil death and inflammation. *Journal of Clinical Investigation*, **2014**, 124, 4445-58	15.9	79
105	Serine-arginine protein kinases: new players in neurodegenerative diseases?. *Reviews in the Neurosciences*, **2013**, 24, 401-13	4.7	8
104	Synergistic suppression of noscapine and conventional chemotherapeutics on human glioblastoma cell growth. *Acta Pharmacologica Sinica*, **2013**, 34, 930-8	8	26

103	Protection of spiral ganglion neurons from degeneration using small-molecule TrkB receptor agonists. *Journal of Neuroscience*, **2013**, 33, 13042-52	6.6	33
102	Novel small molecule activators of the Trk family of receptor tyrosine kinases. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2013**, 1834, 2213-8	4	29
101	O-methylated metabolite of 7,8-dihydroxyflavone activates TrkB receptor and displays antidepressant activity. *Pharmacology*, **2013**, 91, 185-200	2.3	41
100	Blockade of glioma proliferation through allosteric inhibition of JAK2. *Science Signaling*, **2013**, 6, ra55	8.8	20
99	The roles of PIKE in tumorigenesis. *Acta Pharmacologica Sinica*, **2013**, 34, 991-7	8	9
98	Small-molecule TrkB receptor agonists improve motor function and extend survival in a mouse model of Huntington's disease. *Human Molecular Genetics*, **2013**, 22, 2462-70	5.6	91
97	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, 7726-31	11.5	41
96	Fyn regulates adipogenesis by promoting PIKE-A/STAT5a interaction. *Molecular and Cellular Biology* , **2013**, 33, 1797-808	4.8	16
95	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, 16217-22	11.5	61
94	Reactive oxygen species-induced actin glutathionylation controls actin dynamics in neutrophils. *Immunity*, **2012**, 37, 1037-49	32.3	137
93	SRPK2 phosphorylates tau and mediates the cognitive defects in Alzheimer's disease. *Journal of Neuroscience*, **2012**, 32, 17262-72	6.6	33
92	Phosphoglycerate mutase 1 coordinates glycolysis and biosynthesis to promote tumor growth. *Cancer Cell*, **2012**, 22, 585-600	24.3	268
91	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, 8524-37	8.3	49
90	Essential role of PIKE GTPases in neuronal protection against excitotoxic insults. *Advances in Biological Regulation*, **2012**, 52, 66-76	6.2	11
89	7,8,3'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, 387-92	3.4	16
88	Asparaginyl endopeptidase cleaves TDP-43 in brain. *Proteomics*, **2012**, 12, 2455-63	4.8	41
87	N-acetylserotonin: neuroprotection, neurogenesis, and the sleepy brain. *Neuroscientist*, **2012**, 18, 645-53	7.6	38
86	Phosphoinositide 3-kinase enhancer (PIKE) in the brain: is it simply a phosphoinositide 3-kinase/Akt enhancer?. *Reviews in the Neurosciences*, **2012**, 23, 153-61	4.7	7

85	Inhibition of IB kinase in Notch signaling activates FOXO3a. *Cell Cycle*, **2012**, 11, 2417	4.7	1
84	N-acetyl serotonin derivatives as potent neuroprotectants for retinas. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 3540-5	11.5	29
83	Acridine yellow G blocks glioblastoma growth via dual inhibition of epidermal growth factor receptor and protein kinase C kinases. *Journal of Biological Chemistry*, **2012**, 287, 6113-27	5.4	7
82	7,8-dihydroxyflavone exhibits therapeutic efficacy in a mouse model of Rett syndrome. *Journal of Applied Physiology*, **2012**, 112, 704-10	3.7	80
81	PIKE-mediated PI3-kinase activity is required for AMPA receptor surface expression. *EMBO Journal*, **2011**, 30, 4274-86	13	18
80	Loss of tumor suppressor Merlin in advanced breast cancer is due to post-translational regulation. *Journal of Biological Chemistry*, **2011**, 286, 40376-85	5.4	36
79	The association of phosphoinositide 3-kinase enhancer A with hepatic insulin receptor enhances its kinase activity. *EMBO Reports*, **2011**, 12, 847-54	6.5	10
78	Identification of a molecular activator for insulin receptor with potent anti-diabetic effects. *Journal of Biological Chemistry*, **2011**, 286, 37379-88	5.4	25
77	Akt-phosphorylated PIKE-A inhibits UNC5B-induced apoptosis in cancer cell lines in a p53-dependent manner. *Molecular Biology of the Cell*, **2011**, 22, 1943-54	3.5	31
76	Phosphoinositide 3-kinase enhancer regulates neuronal dendritogenesis and survival in neocortex. *Journal of Neuroscience*, **2011**, 31, 8083-92	6.6	45
75	The N-terminal fragment from caspase-cleaved serine/arginine protein-specific kinase2 (SRPK2) translocates into the nucleus and promotes apoptosis. *Journal of Biological Chemistry*, **2011**, 286, 777-86	5.4	9
74	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, 8844-9	11.5	41
73	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, 6486-91	11.5	48
72	Effect of 7,8-dihydroxyflavone, a small-molecule TrkB agonist, on emotional learning. *American Journal of Psychiatry*, **2011**, 168, 163-72	11.9	160
71	What we have learnt about PIKE from the knockout mice. *International Journal of Biochemistry and Molecular Biology*, **2011**, 2, 228-39	0.4	
70	PIKE-A is required for prolactin-mediated STAT5a activation in mammary gland development. *EMBO Journal*, **2010**, 29, 956-68	13	29
69	Deoxygedunin, a natural product with potent neurotrophic activity in mice. *PLoS ONE*, **2010**, 5, e11528	3.7	70
68	Multiple functions of phosphoinositide-3 kinase enhancer (PIKE). *Scientific World Journal, The*, **2010**, 10, 613-23	2.2	7

67	Deficiency of phosphoinositide 3-kinase enhancer protects mice from diet-induced obesity and insulin resistance. *Diabetes*, **2010**, 59, 883-93	0.9	22
66	Excess phosphoinositide 3-kinase subunit synthesis and activity as a novel therapeutic target in fragile X syndrome. *Journal of Neuroscience*, **2010**, 30, 10624-38	6.6	202
65	N-acetylserotonin activates TrkB receptor in a circadian rhythm. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 3876-81	11.5	122
64	A synthetic 7,8-dihydroxyflavone derivative promotes neurogenesis and exhibits potent antidepressant effect. *Journal of Medicinal Chemistry*, **2010**, 53, 8274-86	8.3	149
63	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, 2687-92	11.5	473
62	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, 2675-80	11.5	155
61	Interaction of Akt-phosphorylated SRPK2 with 14-3-3 mediates cell cycle and cell death in neurons. *Journal of Biological Chemistry*, **2009**, 284, 24512-25	5.4	82
60	Mice lacking asparaginyl endopeptidase develop disorders resembling hemophagocytic syndrome. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 468-73	11.5	58
59	Nuclear phosphoinositide signaling regulates messenger RNA export. *RNA Biology*, **2009**, 6, 12-6	4.8	33
58	Akt phosphorylation of merlin enhances its binding to phosphatidylinositols and inhibits the tumor-suppressive activities of merlin. *Cancer Research*, **2009**, 69, 4043-51	10.1	24
57	Amitriptyline is a TrkA and TrkB receptor agonist that promotes TrkA/TrkB heterodimerization and has potent neurotrophic activity. *Chemistry and Biology*, **2009**, 16, 644-56		95
56	Nuclear translocation of active AKT is required for erythroid differentiation in erythropoietin treated K562 erythroleukemia cells. *International Journal of Biochemistry and Cell Biology*, **2009**, 41, 570-7	5.6	17
55	Targeted deletion of tumor suppressor PTEN augments neutrophil function and enhances host defense in neutropenia-associated pneumonia. *Blood*, **2009**, 113, 4930-41	2.2	45
54	Netrin-1 mediates neuronal survival through PIKE-L interaction with the dependence receptor UNC5B. *Nature Cell Biology*, **2008**, 10, 698-706	23.4	83
53	Neuroprotective actions of PIKE-L by inhibition of SET proteolytic degradation by asparagine endopeptidase. *Molecular Cell*, **2008**, 29, 665-78	17.6	97
52	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, 7570-5	11.5	85
51	PARP inhibitor tilts cell death from necrosis to apoptosis in cancer cells. *Cancer Biology and Therapy* , **2008**, 7, 942-4	4.6	10
50	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, 8649-54	11.5	83

49	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, 16584-9	11.5	59
48	Serine/arginine protein-specific kinase 2 promotes leukemia cell proliferation by phosphorylating acinus and regulating cyclin A1. *Cancer Research*, **2008**, 68, 4559-70	10.1	65
47	Nuclear phosphoinositide signaling. *Frontiers in Bioscience - Landmark*, **2008**, 13, 540-8	2.8	21
46	Targeted deletion of tumor suppressor PTEN enhances neutrophil function and prevents neutropenia-associated pneumonia. *FASEB Journal*, **2008**, 22, 495-495	0.9	
45	Akt phosphorylation regulates the tumour-suppressor merlin through ubiquitination and degradation. *Nature Cell Biology*, **2007**, 9, 1199-207	23.4	68
44	Protein kinase C-delta phosphorylates Ebp1 and prevents its proteolytic degradation, enhancing cell survival. *Journal of Neurochemistry*, **2007**, 100, 1278-88	6	10
43	Nuclear functions of the Arf guanine nucleotide exchange factor BRAG2. *Traffic*, **2007**, 8, 661-72	5.7	21
42	PIKE GTPase are phosphoinositide-3-kinase enhancers, suppressing programmed cell death. *Journal of Cellular and Molecular Medicine*, **2007**, 11, 39-53	5.6	17
41	Inactivation of YAP oncoprotein by the Hippo pathway is involved in cell contact inhibition and tissue growth control. *Genes and Development*, **2007**, 21, 2747-61	12.6	1938
40	Ebp1 association with nucleophosmin/B23 is essential for regulating cell proliferation and suppressing apoptosis. *Journal of Biological Chemistry*, **2007**, 282, 36744-54	5.4	45
39	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, 7405-13	4.8	125
38	Phosphorylation of merlin regulates its stability and tumor suppressive activity. *Cell Adhesion and Migration*, **2007**, 1, 196-8	3.2	22
37	Akt phosphorylates MstI and prevents its proteolytic activation, blocking FOXO3 phosphorylation and nuclear translocation. *Journal of Biological Chemistry*, **2007**, 282, 30836-44	5.4	110
36	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, 9679-84	11.5	68
35	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, 16329-34	11.5	108
34	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, 560-5	2.2	78
33	Overexpression of phospholipase C-gamma1 inhibits NGF-induced neuronal differentiation by proliferative activity of SH3 domain. *International Journal of Biochemistry and Cell Biology*, **2007**, 39, 2083-92	5.6	2
32	Interaction between ROCK II and nucleophosmin/B23 in the regulation of centrosome duplication. *Molecular and Cellular Biology*, **2006**, 26, 9016-34	4.8	80

31	Ebp1 isoforms distinctively regulate cell survival and differentiation. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 10917-22	11.5	88
30	PIKE GTPase-mediated nuclear signalings promote cell survival. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2006**, 1761, 570-6	5	6
29	Akt phosphorylation is essential for nuclear translocation and retention in NGF-stimulated PC12 cells. *Biochemical and Biophysical Research Communications*, **2006**, 349, 789-98	3.4	54
28	Nuclear Akt associates with PKC-phosphorylated Ebp1, preventing DNA fragmentation by inhibition of caspase-activated DNase. *EMBO Journal*, **2006**, 25, 2083-95	13	102
27	Pike tyrosine phosphorylation regulates its apoptotic cleavage during programmed cell death. *Advances in Enzyme Regulation*, **2006**, 46, 289-300		6
26	Quantitative Analysis of Anti-apoptotic Function of Akt in Akt1 and Akt2 Double Knock-out Mouse Embryonic Fibroblast Cells under Normal and Stressed Conditions. *Journal of Biological Chemistry*, **2006**, 281, 31380-31388	5.4	8
25	Akt phosphorylates acinus and inhibits its proteolytic cleavage, preventing chromatin condensation. *EMBO Journal*, **2005**, 24, 3543-54	13	74
24	Nucleophosmin/B23, a nuclear PI(3,4,5)P(3) receptor, mediates the antiapoptotic actions of NGF by inhibiting CAD. *Molecular Cell*, **2005**, 18, 435-45	17.6	104
23	Nucleophosmin/B23, a multifunctional protein that can regulate apoptosis. *Cancer Biology and Therapy*, **2005**, 4, 918-23	4.6	48
22	Src homology domains in phospholipase C-gamma1 mediate its anti-apoptotic action through regulating the enzymatic activity. *Journal of Neurochemistry*, **2005**, 93, 892-8	6	11
21	PIKE/nuclear PI 3-kinase signaling in preventing programmed cell death. *Journal of Cellular Biochemistry*, **2005**, 96, 463-72	4.7	31
20	PIKE GTPase signaling and function. *International Journal of Biological Sciences*, **2005**, 1, 44-50	11.2	16
19	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, 16853-8	11.5	34
18	PIKE GTPase: a novel mediator of phosphoinositide signaling. *Journal of Cell Science*, **2004**, 117, 155-61	5.3	45
17	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, 6993-8	11.5	66
16	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, 18200-5	11.5	109
15	PIKE (phosphatidylinositol 3-kinase enhancer)-A GTPase stimulates Akt activity and mediates cellular invasion. *Journal of Biological Chemistry*, **2004**, 279, 16441-51	5.4	73
14	PIKE/nuclear PI 3-kinase signaling mediates the antiapoptotic actions of NGF in the nucleus. *EMBO Journal*, **2004**, 23, 3995-4006	13	79

13	Serine 518 phosphorylation modulates merlin intramolecular association and binding to critical effectors important for NF2 growth suppression. *Oncogene*, **2004**, 23, 8447-54	9.2	95
12	PI3 kinase enhancer-Homer complex couples mGluRI to PI3 kinase, preventing neuronal apoptosis. *Nature Neuroscience*, **2003**, 6, 1153-61	25.5	239
11	Inositol pyrophosphates mediate chemotaxis in Dictyostelium via pleckstrin homology domain-PtdIns(3,4,5)P3 interactions. *Cell*, **2003**, 114, 559-72	56.2	174
10	Phospholipase activity of phospholipase C-gamma1 is required for nerve growth factor-regulated MAP kinase signaling cascade in PC12 cells. *Journal of Biological Chemistry*, **2003**, 278, 52497-503	5.4	20
9	Honokiol, a small molecular weight natural product, inhibits angiogenesis in vitro and tumor growth in vivo. *Journal of Biological Chemistry*, **2003**, 278, 35501-7	5.4	288
8	Phospholipase C gamma 1 is a physiological guanine nucleotide exchange factor for the nuclear GTPase PIKE. *Nature*, **2002**, 415, 541-4	50.4	143
7	Paclitaxel-resistant human ovarian cancer cells undergo c-Jun NH2-terminal kinase-mediated apoptosis in response to noscapine. *Journal of Biological Chemistry*, **2002**, 277, 39777-85	5.4	104
6	Sustained activation of p34(cdc2) is required for noscapine-induced apoptosis. *Journal of Biological Chemistry*, **2001**, 276, 46697-700	5.4	31
5	GRAB: a physiologic guanine nucleotide exchange factor for Rab3A, which interacts with inositol hexakisphosphate kinase. *Neuron*, **2001**, 31, 439-51	13.9	79
4	Noscapine inhibits tumor growth with little toxicity to normal tissues or inhibition of immune responses. *Cancer Immunology, Immunotherapy*, **2000**, 49, 217-25	7.4	108
3	Dexras1: a G protein specifically coupled to neuronal nitric oxide synthase via CAPON. *Neuron*, **2000** , 28, 183-93	13.9	266
2	Pike. A nuclear gtpase that enhances PI3kinase activity and is regulated by protein 4.1N. *Cell*, **2000**, 103, 919-30	56.2	134
1	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, 10747-56	6.6	60