

# Kah-Leong Lim

## List of Publications by Year in Descending Order

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**Version:** 2024-04-24

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

122  
papers

15,991  
citations

46  
h-index

126  
g-index

133  
ext. papers

17,681  
ext. citations

7.7  
avg. IF

5.7  
L-index

#	Paper	IF	Citations
122	Time-restricted feeding modulates the DNA methylation landscape, attenuates hallmark neuropathology and cognitive impairment in a mouse model of vascular dementia.. <i>Theranostics</i> , <b>2022</b> , 12, 3007-3023	12.1	1
121	Conditional disruption of AMP kinase in dopaminergic neurons promotes Parkinson's disease-associated phenotypes in vivo. <i>Neurobiology of Disease</i> , <b>2021</b> , 161, 105560	7.5	0
120	Hippocampal transcriptome profiling reveals common disease pathways in chronic hypoperfusion and aging. <i>Aging</i> , <b>2021</b> , 13, 14651-14674	5.6	2
119	Intramolecular charge transfer enhancing strategy based MAO-A specific two-photon fluorescent probes for glioma cell/tissue imaging. <i>Chemical Communications</i> , <b>2021</b> , 57, 11260-11263	5.8	0
118	Loss of FEZ1, a gene deleted in Jacobsen syndrome, causes locomotion defects and early mortality by impairing motor neuron development. <i>Human Molecular Genetics</i> , <b>2021</b> , 30, 5-20	5.6	1
117	Lewy Body-like Inclusions in Human Midbrain Organoids Carrying Glucocerebrosidase and $\alpha$ -Synuclein Mutations. <i>Annals of Neurology</i> , <b>2021</b> , 90, 490-505	9.4	12
116	Activation of Autophagy Ameliorates Age-Related Neurogenesis Decline and Neurodysfunction in Adult Mice. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 1	7.3	2
115	A Flexi-PEGDA Upconversion Implant for Wireless Brain Photodynamic Therapy. <i>Advanced Materials</i> , <b>2020</b> , 32, e2001459	24	25
114	Ultrafast Detection of Peroxynitrite in Parkinson's Disease Models Using a Near-Infrared Fluorescent Probe. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 4038-4045	7.8	39
113	Mitochondrial Dysfunction and Parkinson's Disease-Near-Infrared Photobiomodulation as a Potential Therapeutic Strategy. <i>Frontiers in Aging Neuroscience</i> , <b>2020</b> , 12, 89	5.3	10
112	Energy regulation and Parkinson's disease <b>2020</b> , 205-220		
111	PGE1 and PGA1 bind to Nurr1 and activate its transcriptional function. <i>Nature Chemical Biology</i> , <b>2020</b> , 16, 876-886	11.7	23
110	Nanotheranostic agents for neurodegenerative diseases. <i>Emerging Topics in Life Sciences</i> , <b>2020</b> , 4, 645-675	3.5	1
109	Identification of PP2A and S6 Kinase as Modifiers of Leucine-Rich Repeat Kinase-Induced Neurotoxicity. <i>NeuroMolecular Medicine</i> , <b>2020</b> , 22, 218-226	4.6	3
108	Photodynamic Therapy: A Flexi-PEGDA Upconversion Implant for Wireless Brain Photodynamic Therapy (Adv. Mater. 29/2020). <i>Advanced Materials</i> , <b>2020</b> , 32, 2070219	24	
107	Mitochondria-targeted polydopamine nanoprobe for visualizing endogenous sulfur dioxide derivatives in a rat epilepsy model. <i>Chemical Communications</i> , <b>2020</b> , 56, 11823-11826	5.8	9
106	Arbutin Protects Against Parkinson's Disease-Associated Mitochondrial Dysfunction In Vitro and In Vivo. <i>NeuroMolecular Medicine</i> , <b>2020</b> , 22, 56-67	4.6	22

105	Structure-Based Specific Detection and Inhibition of Monoamine Oxidases and Their Applications in Central Nervous System Diseases. <i>ChemBioChem</i> , <b>2019</b> , 20, 1487-1497	3.8	9
104	Visualization of Intra-neuronal Motor Protein Transport through Upconversion Microscopy. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 9262-9268	16.4	37
103	Visualization of Intra-neuronal Motor Protein Transport through Upconversion Microscopy. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 9363-9369	3.6	4
102	Mitochondria-Targeted Two-Photon Fluorescent Photosensitizers for Cancer Cell Apoptosis via Spatial Selectability. <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, e1900212	10.1	10
101	Cerebral transcriptome analysis reveals age-dependent progression of neuroinflammation in P301S mutant tau transgenic male mice. <i>Brain, Behavior, and Immunity</i> , <b>2019</b> , 80, 344-357	16.6	6
100	Physiological and pathological roles of LRRK2 in the nuclear envelope integrity. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 3982-3996	5.6	7
99	Potassium channel dysfunction in human neuronal models of Angelman syndrome. <i>Science</i> , <b>2019</b> , 366, 1486-1492	33.3	58
98	AMP Kinase Activation is Selectively Disrupted in the Ventral Midbrain of Mice Deficient in Parkin or PINK1 Expression. <i>NeuroMolecular Medicine</i> , <b>2019</b> , 21, 25-32	4.6	6
97	APP upregulation contributes to retinal ganglion cell degeneration via JNK3. <i>Cell Death and Differentiation</i> , <b>2018</b> , 25, 663-678	12.7	15
96	Natural Molecules From Chinese Herbs Protecting Against Parkinson's Disease via Anti-oxidative Stress. <i>Frontiers in Aging Neuroscience</i> , <b>2018</b> , 10, 246	5.3	12
95	Improved Bioavailability of Levodopa Using Floatable Spray-Coated Microcapsules for the Management of Parkinson's Disease. <i>NeuroMolecular Medicine</i> , <b>2018</b> , 20, 262-270	4.6	10
94	S-Nitrosylation of Divalent Metal Transporter 1 Enhances Iron Uptake to Mediate Loss of Dopaminergic Neurons and Motoric Deficit. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 8364-8377	6.6	12
93	Discovery of indolylpiperazinylypyrimidines with dual-target profiles at adenosine A2A and dopamine D2 receptors for Parkinson's disease treatment. <i>PLoS ONE</i> , <b>2018</b> , 13, e0188212	3.7	17
92	Vascular Bed Molecular Profiling by Differential Systemic Decellularization In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2018</b> , 38, 2396-2409	9.4	9
91	The Sources of Reactive Oxygen Species and Its Possible Role in the Pathogenesis of Parkinson's Disease. <i>Parkinsons Disease</i> , <b>2018</b> , 2018, 9163040	2.6	27
90	Polydopamine Dots-Based Fluorescent Nanoswitch Assay for Reversible Recognition of Glutamic Acid and Al in Human Serum and Living Cell. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 35760-35769	9.5	28
89	PTEN-L is a novel protein phosphatase for ubiquitin dephosphorylation to inhibit PINK1-Parkin-mediated mitophagy. <i>Cell Research</i> , <b>2018</b> , 28, 787-802	24.7	76
88	Sequential Application of Discrete Topographical Patterns Enhances Derivation of Functional Mesencephalic Dopaminergic Neurons from Human Induced Pluripotent Stem Cells. <i>Scientific Reports</i> , <b>2018</b> , 8, 9567	4.9	10

87	p62-Mediated mitochondrial clustering attenuates apoptosis induced by mitochondrial depolarization. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2017</b> , 1864, 1308-1317	4.9	15
86	Parkin-independent mitophagy-FKBP8 takes the stage. <i>EMBO Reports</i> , <b>2017</b> , 18, 864-865	6.5	14
85	Genetic or pharmacological activation of the Drosophila PGC-1 ortholog spargel rescues the disease phenotypes of genetic models of Parkinson's disease. <i>Neurobiology of Aging</i> , <b>2017</b> , 55, 33-37	5.6	38
84	Phosphorylation of amyloid precursor protein by mutant LRRK2 promotes AICD activity and neurotoxicity in Parkinson's disease. <i>Science Signaling</i> , <b>2017</b> , 10,	8.8	30
83	Reactive oxygen species trigger Parkin/PINK1 pathway-dependent mitophagy by inducing mitochondrial recruitment of Parkin. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 16697-16708	5.4	122
82	Transgenic Mice Overexpressing the Divalent Metal Transporter 1 Exhibit Iron Accumulation and Enhanced Parkin Expression in the Brain. <i>NeuroMolecular Medicine</i> , <b>2017</b> , 19, 375-386	4.6	16
81	Static Magnetic Field Stimulation Enhances Oligodendrocyte Differentiation and Secretion of Neurotrophic Factors. <i>Scientific Reports</i> , <b>2017</b> , 7, 6743	4.9	40
80	Superoxide drives progression of Parkin/PINK1-dependent mitophagy following translocation of Parkin to mitochondria. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e3097	9.8	66
79	AF-6 Protects Against Dopaminergic Dysfunction and Mitochondrial Abnormalities in Models of Parkinson's Disease. <i>Frontiers in Cellular Neuroscience</i> , <b>2017</b> , 11, 241	6.1	10
78	Mitochondrial homeostasis in Parkinson's disease - a triumvirate rule?. <i>Neural Regeneration Research</i> , <b>2017</b> , 12, 1270-1272	4.5	1
77	Ubiquitination via K27 and K29 chains signals aggregation and neuronal protection of LRRK2 by WSB1. <i>Nature Communications</i> , <b>2016</b> , 7, 11792	17.4	38
76	Puromycin Analogues Capable of Multiplexed Imaging and Profiling of Protein Synthesis and Dynamics in Live Cells and Neurons. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 4933-7	16.4	21
75	Puromycin Analogues Capable of Multiplexed Imaging and Profiling of Protein Synthesis and Dynamics in Live Cells and Neurons. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 5017-5021	3.6	4
74	Intraparticle Energy Level Alignment of Semiconducting Polymer Nanoparticles to Amplify Chemiluminescence for Ultrasensitive In Vivo Imaging of Reactive Oxygen Species. <i>ACS Nano</i> , <b>2016</b> , 10, 6400-9	16.7	228
73	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
72	ST3GAL1-Associated Transcriptomic Program in Glioblastoma Tumor Growth, Invasion, and Prognosis. <i>Journal of the National Cancer Institute</i> , <b>2016</b> , 108,	9.7	32
71	Two-Photon Enzymatic Probes Visualizing Sub-cellular/Deep-brain Caspase Activities in Neurodegenerative Models. <i>Scientific Reports</i> , <b>2016</b> , 6, 26385	4.9	8
70	Iron mitigates DMT1-mediated manganese cytotoxicity via the ASK1-JNK signaling axis: Implications of iron supplementation for manganese toxicity. <i>Scientific Reports</i> , <b>2016</b> , 6, 21113	4.9	23

69	Pharmacological or Genetic Activation of Hsp70 Protects against Loss of Parkin Function. <i>Neurodegenerative Diseases</i> , <b>2016</b> , 16, 304-16	2.3	10
68	Nutraceuticals in Parkinson's Disease. <i>NeuroMolecular Medicine</i> , <b>2016</b> , 18, 306-21	4.6	35
67	Drosophila expressing human SOD1 successfully recapitulates mitochondrial phenotypic features of familial amyotrophic lateral sclerosis. <i>Neuroscience Letters</i> , <b>2016</b> , 624, 47-52	3.3	7
66	Antioxidants inhibit neuronal toxicity in Parkinson's disease-linked LRRK2. <i>Annals of Clinical and Translational Neurology</i> , <b>2016</b> , 3, 288-94	5.3	27
65	Cytosolic PTEN-induced Putative Kinase 1 Is Stabilized by the NF- $\kappa$ B Pathway and Promotes Non-selective Mitophagy. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 16882-93	5.4	17
64	DAMPs and neurodegeneration. <i>Ageing Research Reviews</i> , <b>2015</b> , 24, 17-28	12	42
63	Mitochondrial dysfunction and Parkinson disease: a Parkin-AMPK alliance in neuroprotection. <i>Annals of the New York Academy of Sciences</i> , <b>2015</b> , 1350, 37-47	6.5	69
62	A Small-Molecule Probe for Selective Profiling and Imaging of Monoamine Oxidase B Activities in Models of Parkinson's Disease. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 10971-10975	3.6	20
61	A Small-Molecule Probe for Selective Profiling and Imaging of Monoamine Oxidase B Activities in Models of Parkinson's Disease. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 10821-5	16.4	75
60	Convergence of Parkin, PINK1, and $\alpha$ Synuclein on Stress-induced Mitochondrial Morphological Remodeling. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 13862-74	5.4	59
59	Parkin Regulation and Neurodegenerative Disorders. <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 248	5.3	50
58	Endocytic pathways downregulate the L1-type cell adhesion molecule neuroglian to promote dendrite pruning in Drosophila. <i>Developmental Cell</i> , <b>2014</b> , 30, 463-78	10.2	62
57	A sensitive two-photon probe to selectively detect monoamine oxidase B activity in Parkinson's disease models. <i>Nature Communications</i> , <b>2014</b> , 5, 3276	17.4	151
56	A defined xeno-free and feeder-free culture system for the derivation, expansion and direct differentiation of transgene-free patient-specific induced pluripotent stem cells. <i>Biomaterials</i> , <b>2014</b> , 35, 2816-26	15.6	61
55	PARK2 Induces Autophagy Removal of Impaired Mitochondria via Ubiquitination <b>2014</b> , 175-188		
54	Thiol peroxidases ameliorate LRRK2 mutant-induced mitochondrial and dopaminergic neuronal degeneration in Drosophila. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 3157-65	5.6	31
53	Genetic insights into sporadic Parkinson's disease pathogenesis. <i>Current Genomics</i> , <b>2013</b> , 14, 486-501	2.6	52
52	Molecular events underlying Parkinson's disease - an interwoven tapestry. <i>Frontiers in Neurology</i> , <b>2013</b> , 4, 33	4.1	45

51	AF-6 is a positive modulator of the PINK1/parkin pathway and is deficient in Parkinson's disease. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 2083-96	5.6	22
50	Proteasome inhibition promotes Parkin-Ubc13 interaction and lysine 63-linked ubiquitination. <i>PLoS ONE</i> , <b>2013</b> , 8, e73235	3.7	19
49	AMP kinase activation mitigates dopaminergic dysfunction and mitochondrial abnormalities in <i>Drosophila</i> models of Parkinson's disease. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 14311-7	6.6	129
48	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544.2	4.2	2783
47	Animal models of Parkinson's disease 2012. <i>Parkinsons Disease</i> , <b>2012</b> , 2012, 729428	2.6	2
46	Mitochondrial dynamics and Parkinson's disease: focus on parkin. <i>Antioxidants and Redox Signaling</i> , <b>2012</b> , 16, 935-49	8.4	50
45	Parkin pathway activation mitigates glioma cell proliferation and predicts patient survival. <i>Cancer Research</i> , <b>2012</b> , 72, 2543-53	10.1	62
44	Oxidative Stress and Parkinson Disease <b>2011</b> , 139-151		
43	K63-linked ubiquitination and neurodegeneration. <i>Neurobiology of Disease</i> , <b>2011</b> , 43, 9-16	7.5	44
42	Mutations in LRRK2 increase phosphorylation of peroxiredoxin 3 exacerbating oxidative stress-induced neuronal death. <i>Human Mutation</i> , <b>2011</b> , 32, 1390-7	4.7	80
41	Enhanced autophagy from chronic toxicity of iron and mutant A53T $\beta$ -synuclein: implications for neuronal cell death in Parkinson disease. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 33380-9	5.4	68
40	Parkin mediates apparent E2-independent monoubiquitination in vitro and contains an intrinsic activity that catalyzes polyubiquitination. <i>PLoS ONE</i> , <b>2011</b> , 6, e19720	3.7	36
39	Disease-causing mutations in parkin impair mitochondrial ubiquitination, aggregation, and HDAC6-dependent mitophagy. <i>Journal of Cell Biology</i> , <b>2010</b> , 189, 671-9	7.3	420
38	Parkin enhances the expression of cyclin-dependent kinase 6 and negatively regulates the proliferation of breast cancer cells. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 29231-8	5.4	68
37	Non-mammalian animal models of Parkinson's disease for drug discovery. <i>Expert Opinion on Drug Discovery</i> , <b>2010</b> , 5, 165-76	6.2	5
36	Parkin protects against LRRK2 G2019S mutant-induced dopaminergic neurodegeneration in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 11257-62	6.6	165
35	Genetic models of Parkinson disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2009</b> , 1792, 604-15	6.9	42
34	Protein misfolding and aggregation in Parkinson's disease. <i>Antioxidants and Redox Signaling</i> , <b>2009</b> , 11, 2119-34	8.4	71

33	Dynamic Role of Ubiquitination in the Management of Misfolded Proteins Associated with Neurodegenerative Diseases. <i>Focus on Structural Biology</i> , <b>2009</b> , 77-95		1
32	Autophagy-mediated clearance of aggresomes is not a universal phenomenon. <i>Human Molecular Genetics</i> , <b>2008</b> , 17, 2570-82	5.6	130
31	Lysine 63-linked polyubiquitin potentially partners with p62 to promote the clearance of protein inclusions by autophagy. <i>Autophagy</i> , <b>2008</b> , 4, 251-253	10.2	48
30	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , <b>2008</b> , 4, 151-75	10.2	1920
29	Deregulation of a STAT3-interleukin 8 signaling pathway promotes human glioblastoma cell proliferation and invasiveness. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 5870-8	6.6	131
28	Lysine 63-linked ubiquitination promotes the formation and autophagic clearance of protein inclusions associated with neurodegenerative diseases. <i>Human Molecular Genetics</i> , <b>2008</b> , 17, 431-9	5.6	330
27	Role of the ubiquitin proteasome system in Parkinson's disease. <i>BMC Biochemistry</i> , <b>2007</b> , 8 Suppl 1, S13	4.8	80
26	MPTP and DSP-4 susceptibility of substantia nigra and locus coeruleus catecholaminergic neurons in mice is independent of parkin activity. <i>Neurobiology of Disease</i> , <b>2007</b> , 26, 312-22	7.5	58
25	Drosophila overexpressing parkin R275W mutant exhibits dopaminergic neuron degeneration and mitochondrial abnormalities. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 8563-70	6.6	97
24	Relative sensitivity of parkin and other cysteine-containing enzymes to stress-induced solubility alterations. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 12310-8	5.4	71
23	Parkinson's disease-associated mutations in LRRK2 link enhanced GTP-binding and kinase activities to neuronal toxicity. <i>Human Molecular Genetics</i> , <b>2007</b> , 16, 223-32	5.6	466
22	Ubiquitin-proteasome system dysfunction in Parkinson's disease: current evidence and controversies. <i>Expert Review of Proteomics</i> , <b>2007</b> , 4, 769-81	4.2	61
21	Inclusion body formation and neurodegeneration are parkin independent in a mouse model of alpha-synucleinopathy. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 3685-96	6.6	72
20	Parkin-mediated lysine 63-linked polyubiquitination: a link to protein inclusions formation in Parkinson's and other conformational diseases?. <i>Neurobiology of Aging</i> , <b>2006</b> , 27, 524-9	5.6	114
19	Stress-induced alterations in parkin solubility promote parkin aggregation and compromise parkin's protective function. <i>Human Molecular Genetics</i> , <b>2005</b> , 14, 3885-97	5.6	176
18	The 350-fold compacted Fugu parkin gene is structurally and functionally similar to human Parkin. <i>Gene</i> , <b>2005</b> , 346, 97-104	3.8	4
17	Alterations in the solubility and intracellular localization of parkin by several familial Parkinson's disease-linked point mutations. <i>Journal of Neurochemistry</i> , <b>2005</b> , 93, 422-31	6	100
16	Differential expression of splice variant and wild-type parkin in sporadic Parkinson's disease. <i>Neurogenetics</i> , <b>2005</b> , 6, 179-84	3	31

15	Familial-associated mutations differentially disrupt the solubility, localization, binding and ubiquitination properties of parkin. <i>Human Molecular Genetics</i> , <b>2005</b> , 14, 2571-86	5.6	183
14	Parkin mediates nonclassical, proteasomal-independent ubiquitination of synphilin-1: implications for Lewy body formation. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 2002-9	6.6	431
13	Loss of locus coeruleus neurons and reduced startle in parkin null mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 10744-9	11.5	275
12	The cast of molecular characters in Parkinson's disease: felons, conspirators, and suspects. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 991, 80-92	6.5	32
11	Novel monoclonal antibodies demonstrate biochemical variation of brain parkin with age. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 48120-8	5.4	123
10	Molecular mechanisms of neurodegeneration in Parkinson's disease: clues from Mendelian syndromes. <i>IUBMB Life</i> , <b>2003</b> , 55, 315-22	4.7	15
9	The genetics of Parkinson's disease. <i>Current Neurology and Neuroscience Reports</i> , <b>2002</b> , 2, 439-46	6.6	27
8	Parkin ubiquitinates the alpha-synuclein-interacting protein, synphilin-1: implications for Lewy-body formation in Parkinson disease. <i>Nature Medicine</i> , <b>2001</b> , 7, 1144-50	50.5	643
7	Calmodulin binds to and inhibits the activity of the membrane distal catalytic domain of receptor protein-tyrosine phosphatase alpha. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 30075-81	5.4	10
6	Isolation of a novel protein tyrosine phosphatase inhibitor, 2-methyl-fervenulone, and its precursors from <i>Streptomyces</i> . <i>Journal of Natural Products</i> , <b>2000</b> , 63, 1641-6	4.9	17
5	Catalytic activation of the membrane distal domain of protein tyrosine phosphatase epsilon, but not CD45, by two point mutations. <i>BBA - Proteins and Proteomics</i> , <b>1999</b> , 1434, 275-83		16
4	Targeted disruption of the tyrosine phosphatase PTPalpha leads to constitutive downregulation of the kinases Src and Fyn. <i>Current Biology</i> , <b>1999</b> , 9, 535-8	6.3	208
3	Interconversion of the kinetic identities of the tandem catalytic domains of receptor-like protein-tyrosine phosphatase PTPalpha by two point mutations is synergistic and substrate-dependent. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 28986-93	5.4	40
2	Physical and functional interactions between receptor-like protein-tyrosine phosphatase alpha and p59fyn. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 8691-8	5.4	74
1	Kinetic analysis of two closely related receptor-like protein-tyrosine-phosphatases, PTP alpha and PTP epsilon. <i>FEBS Journal</i> , <b>1997</b> , 245, 693-700		32