

# Haruhiko Bito

## List of Publications by Year in Descending Order

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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.

136  
papers

12,887  
citations

55  
h-index

113  
g-index

155  
ext. papers

14,499  
ext. citations

10.3  
avg, IF

5.87  
L-index

#	Paper	IF	Citations
136	Identification of ultra-rare disruptive variants in voltage-gated calcium channel-encoding genes in Japanese samples of schizophrenia and autism spectrum disorder.. <i>Translational Psychiatry</i> , <b>2022</b> , 12, 84	8.6	1
135	A Flp-dependent G-CaMP9a transgenic mouse for neuronal imaging .. <i>Cell Reports Methods</i> , <b>2022</b> , 2, 100168		0
134	Development of an L-type Ca channel-dependent Ca transient during the radial migration of cortical excitatory neurons. <i>Neuroscience Research</i> , <b>2021</b> , 169, 17-26	2.9	5
133	Cooperation of LIM domain-binding 2 (LDB2) with EGR in the pathogenesis of schizophrenia. <i>EMBO Molecular Medicine</i> , <b>2021</b> , 13, e12574	12	0
132	Neurochemical evidence for differential effects of acute and repeated oxytocin administration. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 710-720	15.1	16
131	Fhod3 Controls the Dendritic Spine Morphology of Specific Subpopulations of Pyramidal Neurons in the Mouse Cerebral Cortex. <i>Cerebral Cortex</i> , <b>2021</b> , 31, 2205-2219	5.1	0
130	Distinctive Regulation of Emotional Behaviors and Fear-Related Gene Expression Responses in Two Extended Amygdala Subnuclei With Similar Molecular Profiles. <i>Frontiers in Molecular Neuroscience</i> , <b>2021</b> , 14, 741895	6.1	1
129	Quantification of native mRNA dynamics in living neurons using fluorescence correlation spectroscopy and reduction-triggered fluorescent probes. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 7923-7940	5.4	1
128	Photolytic Release of a Caged Inhibitor of an Endogenous Transcription Factor Enables Optochemical Control of CREB-Mediated Gene Expression. <i>Organic Letters</i> , <b>2020</b> , 22, 22-25	6.2	5
127	Comparative Studies of the Fluorescence Properties of Microbial Rhodopsins: Spontaneous Emission Versus Photointermediate Fluorescence. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 7361-7367	3.4	6
126	A Photodeactivatable Antagonist for Controlling CREB-Dependent Gene Expression. <i>ACS Central Science</i> , <b>2020</b> , 6, 1813-1818	16.8	1
125	Targeting oxytocin receptor (Oxtr)-expressing neurons in the lateral septum to restore social novelty in autism spectrum disorder mouse models. <i>Scientific Reports</i> , <b>2020</b> , 10, 22173	4.9	8
124	Rational Engineering of XCaMPs, a Multicolor GECI Suite for In Vivo Imaging of Complex Brain Circuit Dynamics. <i>Cell</i> , <b>2019</b> , 177, 1346-1360.e24	56.2	111
123	GABAergic neurons in the olfactory cortex projecting to the lateral hypothalamus in mice. <i>Scientific Reports</i> , <b>2019</b> , 9, 7132	4.9	7
122	Functional emergence of a column-like architecture in layer 5 of mouse somatosensory cortex in vivo. <i>Journal of Physiological Sciences</i> , <b>2019</b> , 69, 65-77	2.3	2
121	Sustained rescue of prefrontal circuit dysfunction by antidepressant-induced spine formation. <i>Science</i> , <b>2019</b> , 364,	33.3	218
120	Dissociating orexin-dependent and -independent functions of orexin neurons using novel Orexin-Flp knock-in mice. <i>ELife</i> , <b>2019</b> , 8,	8.9	8

119	2019????????? ?????????????????????2019(SNSS2019) ??????. <i>The Brain &amp; Neural Networks</i> , <b>2019</b> , 26, 99-103	0.1	
118	Kilohertz two-photon brain imaging in awake mice. <i>Nature Methods</i> , <b>2019</b> , 16, 1119-1122	21.6	37
117	Involvement of SRF coactivator MKL2 in BDNF-mediated activation of the synaptic activity-responsive element in the Arc gene. <i>Journal of Neurochemistry</i> , <b>2019</b> , 148, 204-218	6	5
116	CaMKII $\beta$ s localized in dendritic spines as both drebrin-dependent and drebrin-independent pools. <i>Journal of Neurochemistry</i> , <b>2018</b> , 146, 145-159	6	8
115	Inverse synaptic tagging: An inactive synapse-specific mechanism to capture activity-induced Arc/arg3.1 and to locally regulate spatial distribution of synaptic weights. <i>Seminars in Cell and Developmental Biology</i> , <b>2018</b> , 77, 43-50	7.5	20
114	Retained Plasticity and Substantial Recovery of Rod-Mediated Visual Acuity at the Visual Cortex in Blind Adult Mice with Retinal Dystrophy. <i>Molecular Therapy</i> , <b>2018</b> , 26, 2397-2406	11.7	2
113	Locally coordinated synaptic plasticity of visual cortex neurons in vivo. <i>Science</i> , <b>2018</b> , 360, 1349-1354	33.3	80
112	Dual color Ca <sup>2+</sup> imaging of neuron-astrocyte interaction. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , <b>2018</b> , WCP2018, PO1-1-105	0	
111	Astrocytes in the mouse visual cortex reliably respond to visual stimulation. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 505, 1216-1222	3.4	15
110	Long-Term Consolidation of Ensemble Neural Plasticity Patterns in Hippocampal Area CA1. <i>Cell Reports</i> , <b>2018</b> , 25, 640-650.e2	10.6	24
109	A Critical Neurodevelopmental Role for L-Type Voltage-Gated Calcium Channels in Neurite Extension and Radial Migration. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 5551-5566	6.6	37
108	Histamine H3R receptor activation in the dorsal striatum triggers stereotypies in a mouse model of tic disorders. <i>Translational Psychiatry</i> , <b>2017</b> , 7, e1013	8.6	37
107	Histamine modulation of the basal ganglia circuitry in the development of pathological grooming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 6599-6604	11.5	29
106	Calmodulin kinases: essential regulators in health and disease. <i>Journal of Neurochemistry</i> , <b>2017</b> , 141, 808-818	6	86
105	Delayed Degradation and Impaired Dendritic Delivery of Intron-Lacking -/ mRNA in Transgenic Mice. <i>Frontiers in Molecular Neuroscience</i> , <b>2017</b> , 10, 435	6.1	9
104	Stimulus-evoked ERK-dependent phosphorylation of activity-regulated cytoskeleton-associated protein (Arc) regulates its neuronal subcellular localization. <i>Neuroscience</i> , <b>2017</b> , 360, 68-80	3.9	26
103	Arc restores juvenile plasticity in adult mouse visual cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 9182-9187	11.5	30
102	Higher Arc Nucleus-to-Cytoplasm Ratio during Sleep in the Superficial Layers of the Mouse Cortex. <i>Frontiers in Neural Circuits</i> , <b>2017</b> , 11, 60	3.5	8

101	Nrp2 is sufficient to instruct circuit formation of mitral-cells to mediate odour-induced attractive social responses. <i>Nature Communications</i> , <b>2017</b> , 8, 15977	17.4	27
100	Facilitation of axon outgrowth via a Wnt5a-CaMKK-CaMKII $\beta$ pathway during neuronal polarization. <i>Molecular Brain</i> , <b>2016</b> , 9, 8	4.5	16
99	Chronic imaging of movement-related Purkinje cell calcium activity in awake behaving mice. <i>Journal of Neurophysiology</i> , <b>2016</b> , 115, 413-22	3.2	14
98	Simultaneous fast measurement of circuit dynamics at multiple sites across the mammalian brain. <i>Nature Methods</i> , <b>2016</b> , 13, 325-8	21.6	200
97	Chronic optogenetic activation augments $\alpha$ pathology in a mouse model of Alzheimer disease. <i>Cell Reports</i> , <b>2015</b> , 11, 859-865	10.6	132
96	Class I histone deacetylase-mediated repression of the proximal promoter of the activity-regulated cytoskeleton-associated protein gene regulates its response to brain-derived neurotrophic factor. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 6825-36	5.4	18
95	Rational design of a high-affinity, fast, red calcium indicator R-CaMP2. <i>Nature Methods</i> , <b>2015</b> , 12, 64-70	21.6	179
94	Whole-brain mapping of behaviourally induced neural activation in mice. <i>Brain Structure and Function</i> , <b>2015</b> , 220, 2043-57	4	44
93	Neuromodulatory effect of G $\beta$ - or G $\gamma$ -coupled G-protein-coupled receptor on NMDA receptor selectively activates the NMDA receptor/Ca <sup>2+</sup> /calcineurin/cAMP response element-binding protein-regulated transcriptional coactivator 1 pathway to effectively induce brain-derived neurotrophic factor expression in neurons. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 5606-24	6.6	39
92	Untangling the two-way signalling route from synapses to the nucleus, and from the nucleus back to the synapses. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 369, 20130150	5.8	16
91	Region-specific activation of CRTC1-CREB signaling mediates long-term fear memory. <i>Neuron</i> , <b>2014</b> , 84, 92-106	13.9	55
90	A new era for functional labeling of neurons: activity-dependent promoters have come of age. <i>Frontiers in Neural Circuits</i> , <b>2014</b> , 8, 37	3.5	99
89	Towards a better understanding of cognitive behaviors regulated by gene expression downstream of activity-dependent transcription factors. <i>Neurobiology of Learning and Memory</i> , <b>2014</b> , 115, 21-9	3.1	19
88	Functional labeling of neurons and their projections using the synthetic activity-dependent promoter E-SARE. <i>Nature Methods</i> , <b>2013</b> , 10, 889-95	21.6	104
87	Nonlinear decoding and asymmetric representation of neuronal input information by CaMKII $\beta$ and calcineurin. <i>Cell Reports</i> , <b>2013</b> , 3, 978-87	10.6	58
86	Arc/Arg3.1 is a postsynaptic mediator of activity-dependent synapse elimination in the developing cerebellum. <i>Neuron</i> , <b>2013</b> , 78, 1024-35	13.9	82
85	Septins promote dendrite and axon development by negatively regulating microtubule stability via HDAC6-mediated deacetylation. <i>Nature Communications</i> , <b>2013</b> , 4, 2532	17.4	76
84	Plasmodium induced by SU6656, an Src family kinase inhibitor, is accompanied by a contractile ring defect. <i>Cell Biochemistry and Function</i> , <b>2012</b> , 30, 33-40	4.2	1

83	Deciphering the molecular rules governing synaptic targeting of the memory-related protein Arc. <i>Communicative and Integrative Biology</i> , <b>2012</b> , 5, 496-8	1.7	8
82	Inverse synaptic tagging of inactive synapses via dynamic interaction of Arc/Arg3.1 with CaMKII $\beta$ . <i>Cell</i> , <b>2012</b> , 149, 886-98	56.2	222
81	Calpain-mediated degradation of myocyte enhancer factor 2D contributes to excitotoxicity by activation of extrasynaptic N-methyl-D-aspartate receptors. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 5797-805	5.4	9
80	Visualization of cortical projection neurons with retrograde TET-off lentiviral vector. <i>PLoS ONE</i> , <b>2012</b> , 7, e46157	3.7	16
79	Executive function deficits and social-behavioral abnormality in mice exposed to a low dose of dioxin in utero and via lactation. <i>PLoS ONE</i> , <b>2012</b> , 7, e50741	3.7	53
78	Schema-dependent gene activation and memory encoding in neocortex. <i>Science</i> , <b>2011</b> , 333, 891-5	33.3	397
77	Suppression of bone formation by osteoclastic expression of semaphorin 4D. <i>Nature Medicine</i> , <b>2011</b> , 17, 1473-80	50.5	345
76	Real-time measurements of protein dynamics using fluorescence activation-coupled protein labeling method. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 6745-51	16.4	108
75	Widespread transcription at neuronal activity-regulated enhancers. <i>Nature</i> , <b>2010</b> , 465, 182-7	50.4	1687
74	The chemical biology of synapses and neuronal circuits. <i>Nature Chemical Biology</i> , <b>2010</b> , 6, 560-3	11.7	11
73	Differential roles for CaM kinases in mediating excitation-morphogenesis coupling during formation and maturation of neuronal circuits. <i>European Journal of Neuroscience</i> , <b>2010</b> , 32, 224-30	3.5	19
72	Synaptic tagging and capture: differential role of distinct calcium/calmodulin kinases in protein synthesis-dependent long-term potentiation. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 4981-9	6.6	125
71	Synaptic activity-responsive element (SARE): A unique genomic structure with an unusual sensitivity to neuronal activity. <i>Communicative and Integrative Biology</i> , <b>2010</b> , 3, 443-6	1.7	13
70	Opening wedge high tibial osteotomy affects both the lateral patellar tilt and patellar height. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2010</b> , 18, 955-60	5.5	46
69	In vitro stability of open wedge high tibial osteotomy with synthetic bone graft. <i>Knee</i> , <b>2010</b> , 17, 217-20	2.6	41
68	Synaptic activity-responsive element in the Arc/Arg3.1 promoter essential for synapse-to-nucleus signaling in activated neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 316-21	11.5	189
67	Control of cortical axon elongation by a GABA-driven Ca <sup>2+</sup> /calmodulin-dependent protein kinase cascade. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 13720-9	6.6	73
66	Clinical results and radiographical evaluation of opening wedge high tibial osteotomy for spontaneous osteonecrosis of the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2009</b> , 17, 361-8	5.5	40

65	A predictive factor for acquiring an ideal lower limb realignment after opening-wedge high tibial osteotomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2009</b> , 17, 382-9	5.5	35
64	Simultaneous bilateral opening-wedge high tibial osteotomy with early full weight-bearing exercise. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2008</b> , 16, 1030-7	5.5	38
63	RIM1 confers sustained activity and neurotransmitter vesicle anchoring to presynaptic Ca <sup>2+</sup> channels. <i>Nature Neuroscience</i> , <b>2007</b> , 10, 691-701	25.5	186
62	Regulation of dendritogenesis via a lipid-raft-associated Ca <sup>2+</sup> /calmodulin-dependent protein kinase CLICK-III/CaMKIgamma. <i>Neuron</i> , <b>2007</b> , 54, 755-70	13.9	95
61	Activity-dependent Gene Regulation: How Do Synapses Talk to the Nucleus and Fine-tune Neuronal Outputs? <b>2007</b> , 207-217		
60	Essential contribution of the ligand-binding beta B/beta C loop of PDZ1 and PDZ2 in the regulation of postsynaptic clustering, scaffolding, and localization of postsynaptic density-95. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 763-74	6.6	20
59	Differential control of postsynaptic density scaffolds via actin-dependent and -independent mechanisms. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 7693-706	6.6	157
58	Molecular identification and characterization of a family of kinases with homology to Ca <sup>2+</sup> /calmodulin-dependent protein kinases I/IV. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 20427-39	5.4	36
57	The Rho-mDia1 pathway regulates cell polarity and focal adhesion turnover in migrating cells through mobilizing Apc and c-Src. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 6844-58	4.8	147
56	Activity-dependent regulation of beta-catenin via epsilon-cleavage of N-cadherin. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 345, 951-8	3.4	38
55	Regulation of osteoclast differentiation and function by the CaMK-CREB pathway. <i>Nature Medicine</i> , <b>2006</b> , 12, 1410-6	50.5	265
54	Ptf1a, a bHLH transcriptional gene, defines GABAergic neuronal fates in cerebellum. <i>Neuron</i> , <b>2005</b> , 47, 201-13	13.9	418
53	Bi-directional regulation of postsynaptic cortactin distribution by BDNF and NMDA receptor activity. <i>European Journal of Neuroscience</i> , <b>2005</b> , 22, 2985-94	3.5	52
52	Prostaglandin E receptor EP1 controls impulsive behavior under stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 16066-71	11.5	84
51	Stabilization of exocytosis by dynamic F-actin coating of zymogen granules in pancreatic acini. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 37544-50	5.4	110
50	Molecular cloning and characterization of CLICK-III/CaMKIgamma, a novel membrane-anchored neuronal Ca <sup>2+</sup> /calmodulin-dependent protein kinase (CaMK). <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 18597-605	5.4	46
49	Control of axon elongation via an SDF-1alpha/Rho/mDia pathway in cultured cerebellar granule neurons. <i>Journal of Cell Biology</i> , <b>2003</b> , 161, 381-91	7.3	161
48	Impaired adrenocorticotrophic hormone response to bacterial endotoxin in mice deficient in prostaglandin E receptor EP1 and EP3 subtypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 4132-7	11.5	92

47	Ca(2+)/CREB/CBP-dependent gene regulation: a shared mechanism critical in long-term synaptic plasticity and neuronal survival. <i>Cell Calcium</i> , <b>2003</b> , 34, 425-30	4	111
46	Dynamic control of neuronal morphogenesis by rho signaling. <i>Journal of Biochemistry</i> , <b>2003</b> , 134, 315-9	3.1	15
45	Multiple spatiotemporal modes of actin reorganization by NMDA receptors and voltage-gated Ca <sup>2+</sup> channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 14458-63	11.5	78
44	Phosphatidylinositol 4,5-bisphosphate induces actin stress-fiber formation and inhibits membrane ruffling in CV1 cells. <i>Journal of Cell Biology</i> , <b>2001</b> , 152, 867-76	7.3	104
43	Calcium/calmodulin-dependent protein kinase type IV (CaMKIV) inhibits apoptosis induced by potassium deprivation in cerebellar granule neurons. <i>FASEB Journal</i> , <b>2001</b> , 15, 134-144	0.9	118
42	Pax6 regulates granule cell polarization during parallel fiber formation in the developing cerebellum. <i>Development (Cambridge)</i> , <b>2001</b> , 128, 3133-3144	6.6	81
41	Pax6 regulates granule cell polarization during parallel fiber formation in the developing cerebellum. <i>Development (Cambridge)</i> , <b>2001</b> , 128, 3133-44	6.6	38
40	Citron, a Rho target that affects contractility during cytokinesis. <i>Microscopy Research and Technique</i> , <b>2000</b> , 49, 123-6	2.8	34
39	Critical dependence of cAMP response element-binding protein phosphorylation on L-type calcium channels supports a selective response to EPSPs in preference to action potentials. <i>Journal of Neuroscience</i> , <b>2000</b> , 20, 266-73	6.6	178
38	A critical role for a Rho-associated kinase, p160ROCK, in determining axon outgrowth in mammalian CNS neurons. <i>Neuron</i> , <b>2000</b> , 26, 431-41	13.9	273
37	Synaptic Modulation of Dendritic Ca <sup>2+</sup> influx and Gene Expression <b>2000</b> , 182-187		
36	Cupidin, an isoform of Homer/Vesl, interacts with the actin cytoskeleton and activated rho family small GTPases and is expressed in developing mouse cerebellar granule cells. <i>Journal of Neuroscience</i> , <b>1999</b> , 19, 8389-400	6.6	95
35	Citron, a Rho-target, interacts with PSD-95/SAP-90 at glutamatergic synapses in the thalamus. <i>Journal of Neuroscience</i> , <b>1999</b> , 19, 109-18	6.6	89
34	Role of citron kinase as a target of the small GTPase Rho in cytokinesis. <i>Nature</i> , <b>1998</b> , 394, 491-4	50.4	349
33	The role of calcium in activity-dependent neuronal gene regulation. <i>Cell Calcium</i> , <b>1998</b> , 23, 143-50	4	46
32	Different regions of Rho determine Rho-selective binding of different classes of Rho target molecules. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 18943-9	5.4	96
31	Molecular dissection of the Rho-associated protein kinase (p160ROCK)-regulated neurite remodeling in neuroblastoma N1E-115 cells. <i>Journal of Cell Biology</i> , <b>1998</b> , 141, 1625-36	7.3	424
30	Ca <sup>2+</sup> -dependent regulation in neuronal gene expression. <i>Current Opinion in Neurobiology</i> , <b>1997</b> , 7, 419-29.6	25.0	250

29	Dendritic Ca <sup>2+</sup> channels characterized by recordings from isolated hippocampal dendritic segments. <i>Neuron</i> , <b>1997</b> , 18, 651-63	13.9	134
28	Molecular characterization and physiological functions of PAF receptors. <i>Advances in Experimental Medicine and Biology</i> , <b>1997</b> , 400A, 215-21	3.6	5
27	Platelet-activating factor and somatostatin activate mitogen-activated protein kinase (MAP kinase) and arachidonate release. <i>Journal of Lipid Mediators and Cell Signalling</i> , <b>1996</b> , 14, 103-8		15
26	CREB phosphorylation and dephosphorylation: a Ca(2+)- and stimulus duration-dependent switch for hippocampal gene expression. <i>Cell</i> , <b>1996</b> , 87, 1203-14	56.2	980
25	Signaling from synapse to nucleus: postsynaptic CREB phosphorylation during multiple forms of hippocampal synaptic plasticity. <i>Neuron</i> , <b>1996</b> , 16, 89-101	13.9	609
24	Platelet-activating factor receptor. <i>Journal of Lipid Mediators and Cell Signalling</i> , <b>1995</b> , 12, 429-42		7
23	Amino-acid sequence and tissue distribution of guinea-pig leukotriene A4 hydrolase. <i>Gene</i> , <b>1995</b> , 161, 249-51	3.8	17
22	Synaptic plasticity: A molecular mechanism for metaplasticity. <i>Current Biology</i> , <b>1995</b> , 5, 1334-8	6.3	52
21	Cloning, expression and tissue distribution of rat platelet-activating-factor-receptor cDNA. <i>FEBS Journal</i> , <b>1994</b> , 221, 211-8		79
20	Activation of mitogen-activated protein kinase and arachidonate release via two G protein-coupled receptors expressed in the rat hippocampus. <i>Annals of the New York Academy of Sciences</i> , <b>1994</b> , 744, 107-25	6.5	7
19	On the mechanism of cytosolic phospholipase A2 activation in CHO cells carrying somatostatin receptor: wortmannin-sensitive pathway to activate mitogen-activated protein kinase. <i>Biochemical and Biophysical Research Communications</i> , <b>1994</b> , 205, 18-23	3.4	48
18	Functional coupling of SSTR4, a major hippocampal somatostatin receptor, to adenylate cyclase inhibition, arachidonate release and activation of the mitogen-activated protein kinase cascade. <i>Journal of Biological Chemistry</i> , <b>1994</b> , 269, 12722-30	5.4	77
17	Functional coupling of SSTR4, a major hippocampal somatostatin receptor, to adenylate cyclase inhibition, arachidonate release and activation of the mitogen-activated protein kinase cascade.. <i>Journal of Biological Chemistry</i> , <b>1994</b> , 269, 12722-12730	5.4	81
16	Molecular cloning of a novel type of somatostatin receptor and platelet-activating factor receptor cDNAs from rat. <i>Annals of the New York Academy of Sciences</i> , <b>1993</b> , 707, 480-1	6.5	1
15	Two different promoters direct expression of two distinct forms of mRNAs of human platelet-activating factor receptor. <i>FEBS Letters</i> , <b>1993</b> , 322, 129-34	3.8	85
14	Site-directed mutagenesis of leukotriene A4 hydrolase: distinction of leukotriene A4 hydrolase and aminopeptidase activities. <i>Journal of Lipid Mediators</i> , <b>1993</b> , 6, 53-8		1
13	Characterization of platelet-activating factor (PAF) receptor in the rat brain. <i>Journal of Lipid Mediators</i> , <b>1993</b> , 6, 169-74		5
12	Platelet-activating factor (PAF) receptor in rat brain: PAF mobilizes intracellular Ca <sup>2+</sup> in hippocampal neurons. <i>Neuron</i> , <b>1992</b> , 9, 285-94	13.9	180



11	Three types of Gi alpha protein of the guinea-pig lung: cDNA cloning and analysis of their tissue distribution. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1992</b> , 1175, 61-6	4.9	1
10	Platelet-activating factor receptor and signal transduction. <i>Biochemical Pharmacology</i> , <b>1992</b> , 44, 1001-8	6	88
9	Leukotriene A4 hydrolase, a bifunctional enzyme. Distinction of leukotriene A4 hydrolase and aminopeptidase activities by site-directed mutagenesis at Glu-297. <i>FEBS Letters</i> , <b>1992</b> , 309, 353-7	3.8	40
8	Molecular cloning and expression of platelet-activating factor receptor from human leukocytes. <i>Journal of Biological Chemistry</i> , <b>1991</b> , 266, 20400-5	5.4	212
7	Molecular cloning and expression of platelet-activating factor receptor from human leukocytes.. <i>Journal of Biological Chemistry</i> , <b>1991</b> , 266, 20400-20405	5.4	224
6	Leukotriene A4 hydrolase is a zinc-containing aminopeptidase. <i>Biochemical and Biophysical Research Communications</i> , <b>1990</b> , 173, 620-6	3.4	107
5	Leukotriene A4 hydrolase from guinea pig lung: the presence of two catalytically active forms. <i>Journal of Biochemistry</i> , <b>1989</b> , 105, 261-4	3.1	24
4	Functional correlates of immediate early gene expression in mouse visual cortex		2
3	DCLK1. <i>The AFCS-nature Molecule Pages</i> ,		10
2	Locally coordinated synaptic plasticity shapes cell-wide plasticity of visual cortex neurons in vivo		1
1	Expression of c-Fos and Arc in hippocampal region CA1 marks neurons that exhibit learning-related activity changes		6