

Haruhiko Bito

List of Publications by Year in descending order

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139
papers

15,635
citations

22099

59
h-index

18075

120
g-index

155
all docs

155
docs citations

155
times ranked

18394
citing authors

#	ARTICLE	IF	CITATIONS
1	Widespread transcription at neuronal activity-regulated enhancers. <i>Nature</i> , 2010, 465, 182-187.	13.7	2,120
2	CREB Phosphorylation and Dephosphorylation: A Ca ²⁺ - and Stimulus Duration-Dependent Switch for Hippocampal Gene Expression. <i>Cell</i> , 1996, 87, 1203-1214.	13.5	1,055
3	Signaling from Synapse to Nucleus: Postsynaptic CREB Phosphorylation during Multiple Forms of Hippocampal Synaptic Plasticity. <i>Neuron</i> , 1996, 16, 89-101.	3.8	660
4	Schema-Dependent Gene Activation and Memory Encoding in Neocortex. <i>Science</i> , 2011, 333, 891-895.	6.0	535
5	Ptf1a, a bHLH Transcriptional Gene, Defines GABAergic Neuronal Fates in Cerebellum. <i>Neuron</i> , 2005, 47, 201-213.	3.8	489
6	Molecular Dissection of the Rho-associated Protein Kinase (p160ROCK)-regulated Neurite Remodeling in Neuroblastoma N1E-115 Cells. <i>Journal of Cell Biology</i> , 1998, 141, 1625-1636.	2.3	448
7	Suppression of bone formation by osteoclastic expression of semaphorin 4D. <i>Nature Medicine</i> , 2011, 17, 1473-1480.	15.2	426
8	Sustained rescue of prefrontal circuit dysfunction by antidepressant-induced spine formation. <i>Science</i> , 2019, 364, .	6.0	412
9	Role of citron kinase as a target of the small GTPase Rho in cytokinesis. <i>Nature</i> , 1998, 394, 491-494.	13.7	378
10	Simultaneous fast measurement of circuit dynamics at multiple sites across the mammalian brain. <i>Nature Methods</i> , 2016, 13, 325-328.	9.0	359
11	Regulation of osteoclast differentiation and function by the CaMK-CREB pathway. <i>Nature Medicine</i> , 2006, 12, 1410-1416.	15.2	302
12	A Critical Role for a Rho-Associated Kinase, p160ROCK, in Determining Axon Outgrowth in Mammalian CNS Neurons. <i>Neuron</i> , 2000, 26, 431-441.	3.8	284
13	Inverse Synaptic Tagging of Inactive Synapses via Dynamic Interaction of Arc/Arg3.1 with CaMKII ² . <i>Cell</i> , 2012, 149, 886-898.	13.5	269
14	Molecular cloning and expression of platelet-activating factor receptor from human leukocytes. <i>Journal of Biological Chemistry</i> , 1991, 266, 20400-20405.	1.6	269
15	Ca ²⁺ -dependent regulation in neuronal gene expression. <i>Current Opinion in Neurobiology</i> , 1997, 7, 419-429.	2.0	263
16	Rational design of a high-affinity, fast, red calcium indicator R-CaMP2. <i>Nature Methods</i> , 2015, 12, 64-70.	9.0	234
17	Molecular cloning and expression of platelet-activating factor receptor from human leukocytes. <i>Journal of Biological Chemistry</i> , 1991, 266, 20400-5.	1.6	234
18	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> , 2009, 106, 316-321.	3.3	229

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19	RIM1 confers sustained activity and neurotransmitter vesicle anchoring to presynaptic Ca ²⁺ channels. <i>Nature Neuroscience</i> , 2007, 10, 691-701.	7.1	212
20	Rational Engineering of XCaMPs, a Multicolor GECI Suite for In Vivo Imaging of Complex Brain Circuit Dynamics. <i>Cell</i> , 2019, 177, 1346-1360.e24.	13.5	199
21	Platelet-activating factor (PAF) receptor in rat brain: PAF mobilizes intracellular Ca ²⁺ in hippocampal neurons. <i>Neuron</i> , 1992, 9, 285-294.	3.8	189
22	Chronic Optogenetic Activation Augments A β ² Pathology in a Mouse Model of Alzheimer Disease. <i>Cell Reports</i> , 2015, 11, 859-865.	2.9	186
23	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> , 2000, 20, 266-273.	1.7	185
24	Control of axon elongation via an SDF-1 α /Rho/mDia pathway in cultured cerebellar granule neurons. <i>Journal of Cell Biology</i> , 2003, 161, 381-391.	2.3	177
25	Differential Control of Postsynaptic Density Scaffolds via Actin-Dependent and -Independent Mechanisms. <i>Journal of Neuroscience</i> , 2006, 26, 7693-7706.	1.7	176
26	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> , 2006, 26, 6844-6858.	1.1	171
27	Functional labeling of neurons and their projections using the synthetic activity-dependent promoter E-SARE. <i>Nature Methods</i> , 2013, 10, 889-895.	9.0	166
28	Synaptic Tagging and Capture: Differential Role of Distinct Calcium/Calmodulin Kinases in Protein Synthesis-Dependent Long-Term Potentiation. <i>Journal of Neuroscience</i> , 2010, 30, 4981-4989.	1.7	155
29	Dendritic Ca ²⁺ Channels Characterized by Recordings from Isolated Hippocampal Dendritic Segments. <i>Neuron</i> , 1997, 18, 651-663.	3.8	138
30	Locally coordinated synaptic plasticity of visual cortex neurons in vivo. <i>Science</i> , 2018, 360, 1349-1354.	6.0	137
31	Ca ²⁺ /CREB/CBP-dependent gene regulation: a shared mechanism critical in long-term synaptic plasticity and neuronal survival. <i>Cell Calcium</i> , 2003, 34, 425-430.	1.1	128
32	A new era for functional labeling of neurons: activity-dependent promoters have come of age. <i>Frontiers in Neural Circuits</i> , 2014, 8, 37.	1.4	128
33	Calcium/calmodulin-dependent protein kinase type IV (CaMKIV) inhibits apoptosis induced by potassium deprivation in cerebellar granule neurons. <i>FASEB Journal</i> , 2001, 15, 134-144.	0.2	127
34	Calmodulin kinases: essential regulators in health and disease. <i>Journal of Neurochemistry</i> , 2017, 141, 808-818.	2.1	126
35	Stabilization of Exocytosis by Dynamic F-actin Coating of Zymogen Granules in Pancreatic Acini. <i>Journal of Biological Chemistry</i> , 2004, 279, 37544-37550.	1.6	125
36	Real-Time Measurements of Protein Dynamics Using Fluorescence Activation-Coupled Protein Labeling Method. <i>Journal of the American Chemical Society</i> , 2011, 133, 6745-6751.	6.6	122

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37	Leukotriene A4 hydrolase is a zinc-containing aminopeptidase. <i>Biochemical and Biophysical Research Communications</i> , 1990, 173, 620-626.	1.0	113
38	Phosphatidylinositol 4,5-Bisphosphate Induces Actin Stress-Fiber Formation and Inhibits Membrane Ruffling in Cv1 Cells. <i>Journal of Cell Biology</i> , 2001, 152, 867-876.	2.3	111
39	Different Regions of Rho Determine Rho-selective Binding of Different Classes of Rho Target Molecules. <i>Journal of Biological Chemistry</i> , 1998, 273, 18943-18949.	1.6	110
40	Regulation of Dendritogenesis via a Lipid-Raft-Associated Ca ²⁺ /Calmodulin-Dependent Protein Kinase CLICK-III/CaMKII β . <i>Neuron</i> , 2007, 54, 755-770.	3.8	110
41	Septins promote dendrite and axon development by negatively regulating microtubule stability via HDAC6-mediated deacetylation. <i>Nature Communications</i> , 2013, 4, 2532.	5.8	106
42	Prostaglandin E receptor EP1 controls impulsive behavior under stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 16066-16071.	3.3	105
43	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> , 1999, 19, 8389-8400.	1.7	98
44	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> , 2003, 100, 4132-4137.	3.3	98
45	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> , 1994, 269, 12722-12730.	1.6	98
46	Citron, a Rho-Target, Interacts with PSD-95/SAP-90 at Glutamatergic Synapses in the Thalamus. <i>Journal of Neuroscience</i> , 1999, 19, 109-118.	1.7	97
47	Two different promoters direct expression of two distinct forms of mRNAs of human platelet-activating factor receptor. <i>FEBS Letters</i> , 1993, 322, 129-134.	1.3	96
48	Arc/Arg3.1 Is a Postsynaptic Mediator of Activity-Dependent Synapse Elimination in the Developing Cerebellum. <i>Neuron</i> , 2013, 78, 1024-1035.	3.8	96
49	Pax6 regulates granule cell polarization during parallel fiber formation in the developing cerebellum. <i>Development (Cambridge)</i> , 2001, 128, 3133-3144.	1.2	94
50	Platelet-activating factor receptor and signal transduction. <i>Biochemical Pharmacology</i> , 1992, 44, 1001-1008.	2.0	89
51	Region-Specific Activation of CRTC1-CREB Signaling Mediates Long-Term Fear Memory. <i>Neuron</i> , 2014, 84, 92-106.	3.8	88
52	Control of Cortical Axon Elongation by a GABA-Driven Ca ²⁺ /Calmodulin-Dependent Protein Kinase Cascade. <i>Journal of Neuroscience</i> , 2009, 29, 13720-13729.	1.7	85
53	Nonlinear Decoding and Asymmetric Representation of Neuronal Input Information by CaMKII α and Calcineurin. <i>Cell Reports</i> , 2013, 3, 978-987.	2.9	85
54	Cloning, expression and tissue distribution of rat platelet-activating-factor-receptor cDNA. <i>FEBS Journal</i> , 1994, 221, 211-218.	0.2	84

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55	Multiple spatiotemporal modes of actin reorganization by NMDA receptors and voltage-gated Ca ²⁺ channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 14458-14463.	3.3	83
56	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> , 1994, 269, 12722-30.	1.6	82
57	Kilohertz two-photon brain imaging in awake mice. <i>Nature Methods</i> , 2019, 16, 1119-1122.	9.0	74
58	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> , 2012, 7, e50741.	1.1	66
59	A Critical Neurodevelopmental Role for L-Type Voltage-Gated Calcium Channels in Neurite Extension and Radial Migration. <i>Journal of Neuroscience</i> , 2018, 38, 5551-5566.	1.7	63
60	Opening wedge high tibial osteotomy affects both the lateral patellar tilt and patellar height. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2010, 18, 955-960.	2.3	62
61	Synaptic Plasticity: A molecular mechanism for metaplasticity. <i>Current Biology</i> , 1995, 5, 1334-1338.	1.8	58
62	Bi-directional regulation of postsynaptic cortactin distribution by BDNF and NMDA receptor activity. <i>European Journal of Neuroscience</i> , 2005, 22, 2985-2994.	1.2	57
63	Whole-brain mapping of behaviourally induced neural activation in mice. <i>Brain Structure and Function</i> , 2015, 220, 2043-2057.	1.2	56
64	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> , 1994, 205, 18-23.	1.0	53
65	Neuromodulatory Effect of Gi _s - or Gi _q -Coupled G-Protein-Coupled Receptor on NMDA Receptor Selectively Activates the NMDA Receptor/Ca ²⁺ /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> , 2015, 35, 5606-5624.	1.7	53
66	The role of calcium in activity-dependent neuronal gene regulation. <i>Cell Calcium</i> , 1998, 23, 143-150.	1.1	51
67	Clinical results and radiographical evaluation of opening wedge high tibial osteotomy for spontaneous osteonecrosis of the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 361-368.	2.3	51
68	Molecular Cloning and Characterization of CLICK-III/CaMK β , a Novel Membrane-anchored Neuronal Ca ²⁺ /Calmodulin-dependent Protein Kinase (CaMK). <i>Journal of Biological Chemistry</i> , 2003, 278, 18597-18605.	1.6	50
69	Simultaneous bilateral opening-wedge high tibial osteotomy with early full weight-bearing exercise. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2008, 16, 1030-1037.	2.3	48
70	In vitro stability of open wedge high tibial osteotomy with synthetic bone graft. <i>Knee</i> , 2010, 17, 217-220.	0.8	48
71	Stimulus-evoked ERK-dependent phosphorylation of activity-regulated cytoskeleton-associated protein (Arc) regulates its neuronal subcellular localization. <i>Neuroscience</i> , 2017, 360, 68-80.	1.1	47
72	Leukotriene A ₄ hydrolase, a bifunctional enzyme Distinction of leukotriene A ₄ hydrolase and aminopeptidase activities by site-directed mutagenesis at Glu-297. <i>FEBS Letters</i> , 1992, 309, 353-357.	1.3	46

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73	Molecular Identification and Characterization of a Family of Kinases with Homology to Ca ²⁺ /Calmodulin-dependent Protein Kinases I/IV. <i>Journal of Biological Chemistry</i> , 2006, 281, 20427-20439.	1.6	45
74	Citron, a Rho target that affects contractility during cytokinesis. , 2000, 49, 123-126.		42
75	Histamine H3R receptor activation in the dorsal striatum triggers stereotypies in a mouse model of tic disorders. <i>Translational Psychiatry</i> , 2017, 7, e1013-e1013.	2.4	42
76	A predictive factor for acquiring an ideal lower limb realignment after opening-wedge high tibial osteotomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 382-389.	2.3	41
77	Arc restores juvenile plasticity in adult mouse visual cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9182-9187.	3.3	40
78	Activity-dependent regulation of β -catenin via μ -cleavage of N-cadherin. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 951-958.	1.0	39
79	Long-Term Consolidation of Ensemble Neural Plasticity Patterns in Hippocampal Area CA1. <i>Cell Reports</i> , 2018, 25, 640-650.e2.	2.9	39
80	Nrp2 is sufficient to instruct circuit formation of mitral-cells to mediate odour-induced attractive social responses. <i>Nature Communications</i> , 2017, 8, 15977.	5.8	39
81	Pax6 regulates granule cell polarization during parallel fiber formation in the developing cerebellum. <i>Development (Cambridge)</i> , 2001, 128, 3133-44.	1.2	38
82	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> , 2017, 114, 6599-6604.	3.3	34
83	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> , 2018, 77, 43-50.	2.3	31
84	Neurochemical evidence for differential effects of acute and repeated oxytocin administration. <i>Molecular Psychiatry</i> , 2021, 26, 710-720.	4.1	27
85	Leukotriene A4 Hydrolase from Guinea Pig Lung: The Presence of Two Catalytically Active Forms ¹ . <i>Journal of Biochemistry</i> , 1989, 105, 261-264.	0.9	25
86	Astrocytes in the mouse visual cortex reliably respond to visual stimulation. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 1216-1222.	1.0	25
87	Towards a better understanding of cognitive behaviors regulated by gene expression downstream of activity-dependent transcription factors. <i>Neurobiology of Learning and Memory</i> , 2014, 115, 21-29.	1.0	24
88	Chronic imaging of movement-related Purkinje cell calcium activity in awake behaving mice. <i>Journal of Neurophysiology</i> , 2016, 115, 413-422.	0.9	23
89	Targeting oxytocin receptor (Oxtr)-expressing neurons in the lateral septum to restore social novelty in autism spectrum disorder mouse models. <i>Scientific Reports</i> , 2020, 10, 22173.	1.6	23
90	Facilitation of axon outgrowth via a Wnt5a-CaMKK-CaMKII β pathway during neuronal polarization. <i>Molecular Brain</i> , 2016, 9, 8.	1.3	22

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91	Essential Contribution of the Ligand-Binding betaB/betaC Loop of PDZ1 and PDZ2 in the Regulation of Postsynaptic Clustering, Scaffolding, and Localization of Postsynaptic Density-95. <i>Journal of Neuroscience</i> , 2006, 26, 763-774.	1.7	21
92	Dissociating orexin-dependent and -independent functions of orexin neurons using novel Orexin-Flp knock-in mice. <i>ELife</i> , 2019, 8, .	2.8	21
93	Differential roles for CaM kinases in mediating excitationâ€“morphogenesis coupling during formation and maturation of neuronal circuits. <i>European Journal of Neuroscience</i> , 2010, 32, 224-230.	1.2	20
94	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> , 2015, 290, 6825-6836.	1.6	18
95	Amino-acid sequence and tissue distribution of guinea-pig leukotriene A4 hydrolase. <i>Gene</i> , 1995, 161, 249-251.	1.0	17
96	Dynamic Control of Neuronal Morphogenesis by Rho Signaling. <i>Journal of Biochemistry</i> , 2003, 134, 315-319.	0.9	17
97	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> , 2014, 369, 20130150.	1.8	17
98	Visualization of Cortical Projection Neurons with Retrograde TET-Off Lentiviral Vector. <i>PLoS ONE</i> , 2012, 7, e46157.	1.1	17
99	Delayed Degradation and Impaired Dendritic Delivery of Intron-Lacking EGFP-Arc/Arg3.1 mRNA in EGFP-Arc Transgenic Mice. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 435.	1.4	16
100	Platelet-activating factor and somatostatin activate mitogen-activated protein kinase (MAP kinase) and arachidonate release. <i>Journal of Lipid Mediators and Cell Signalling</i> , 1996, 14, 103-108.	1.0	15
101	The chemical biology of synapses and neuronal circuits. <i>Nature Chemical Biology</i> , 2010, 6, 560-563.	3.9	14
102	Synaptic Activity Responsive Element (SARE). <i>Communicative and Integrative Biology</i> , 2010, 3, 443-446.	0.6	14
103	CaMKII β^2 is localized in dendritic spines as both drebrinâ€“dependent and drebrinâ€“independent pools. <i>Journal of Neurochemistry</i> , 2018, 146, 145-159.	2.1	13
104	GABAergic neurons in the olfactory cortex projecting to the lateral hypothalamus in mice. <i>Scientific Reports</i> , 2019, 9, 7132.	1.6	13
105	Comparative Studies of the Fluorescence Properties of Microbial Rhodopsins: Spontaneous Emission Versus Photointermediate Fluorescence. <i>Journal of Physical Chemistry B</i> , 2020, 124, 7361-7367.	1.2	13
106	DCLK1. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	11
107	Platelet-activating factor receptor. <i>Journal of Lipid Mediators and Cell Signalling</i> , 1995, 12, 429-442.	1.0	10
108	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> , 2012, 287, 5797-5805.	1.6	10

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109	Higher Arc Nucleus-to-Cytoplasm Ratio during Sleep in the Superficial Layers of the Mouse Cortex. <i>Frontiers in Neural Circuits</i> , 2017, 11, 60.	1.4	10
110	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> , 1994, 744, 107-125.	1.8	9
111	Deciphering the molecular rules governing synaptic targeting of the memory-related protein Arc. <i>Communicative and Integrative Biology</i> , 2012, 5, 496-498.	0.6	9
112	Involvement of <i>SRF</i> coactivator <i>MKL</i> 2 in <i>BDNF</i> -mediated activation of the synaptic activity-responsive element in the <i>Arc</i> gene. <i>Journal of Neurochemistry</i> , 2019, 148, 204-218.	2.1	9
113	A Flp-dependent G-CaMP9a transgenic mouse for neuronal imaging in vivo. <i>Cell Reports Methods</i> , 2022, 2, 100168.	1.4	9
114	Photolytic Release of a Caged Inhibitor of an Endogenous Transcription Factor Enables Optochemical Control of CREB-Mediated Gene Expression. <i>Organic Letters</i> , 2020, 22, 22-25.	2.4	8
115	Development of an L-type Ca ²⁺ channel-dependent Ca ²⁺ transient during the radial migration of cortical excitatory neurons. <i>Neuroscience Research</i> , 2020, 169, 17-26.	1.0	8
116	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> , 2018, 26, 2397-2406.	3.7	6
117	Molecular Characterization and Physiological Functions of PAF Receptors. <i>Advances in Experimental Medicine and Biology</i> , 1997, 400A, 215-221.	0.8	6
118	A Photodeactivatable Antagonist for Controlling CREB-Dependent Gene Expression. <i>ACS Central Science</i> , 2020, 6, 1813-1818.	5.3	5
119	Characterization of platelet-activating factor (PAF) receptor in the rat brain. <i>Journal of Lipid Mediators</i> , 1993, 6, 169-74.	0.2	5
120	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> , 2021, 14, 741895.	1.4	4
121	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> , 2022, 12, 84.	2.4	4
122	Quantification of native mRNA dynamics in living neurons using fluorescence correlation spectroscopy and reduction-triggered fluorescent probes. <i>Journal of Biological Chemistry</i> , 2020, 295, 7923-7940.	1.6	3
123	Fhod3 Controls the Dendritic Spine Morphology of Specific Subpopulations of Pyramidal Neurons in the Mouse Cerebral Cortex. <i>Cerebral Cortex</i> , 2021, 31, 2205-2219.	1.6	3
124	Deciphering Ca ²⁺ -controlled biochemical computation governing neural circuit dynamics via multiplex imaging. <i>Neuroscience Research</i> , 2022, .	1.0	3
125	Functional emergence of a column-like architecture in layer 5 of mouse somatosensory cortex in vivo. <i>Journal of Physiological Sciences</i> , 2019, 69, 65-77.	0.9	2
126	Cooperation of LIM domain-binding 2 (LDB2) with EGR in the pathogenesis of schizophrenia. <i>EMBO Molecular Medicine</i> , 2021, 13, e12574.	3.3	2

