

# Ryuichi Shigemoto

## List of Publications by Year in descending order

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241  
papers

29,001  
citations

6486

82  
h-index

6349

163  
g-index

266  
all docs

266  
docs citations

266  
times ranked

19344  
citing authors

#	ARTICLE	IF	CITATIONS
1	OUP accepted manuscript. <i>Microscopy</i> (Oxford, England), 2022, 71, i72-i80.	0.7	1
2	The Number and Distinct Clustering Patterns of Voltage-Gated Calcium Channels in Nerve Terminals. <i>Frontiers in Neuroanatomy</i> , 2022, 16, 846615.	0.9	8
3	Ventro-dorsal Hippocampal Pathway Gates Novelty-Induced Contextual Memory Formation. <i>Current Biology</i> , 2021, 31, 25-38.e5.	1.8	40
4	Presynaptic $\beta$ subunits are key organizers of glutamatergic synapses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	34
5	GABAB receptor auxiliary subunits modulate Cav2.3-mediated release from medial habenula terminals. <i>ELife</i> , 2021, 10, .	2.8	12
6	RIM-Binding Protein 2 Organizes $Ca^{2+}$ Channel Topography and Regulates Release Probability and Vesicle Replenishment at a Fast Central Synapse. <i>Journal of Neuroscience</i> , 2021, 41, 7742-7767.	1.7	19
7	The role of hippocampal mossy cells in novelty detection. <i>Neurobiology of Learning and Memory</i> , 2021, 183, 107486.	1.0	17
8	Expression mapping, quantification, and complex formation of GluD1 and GluD2 glutamate receptors in adult mouse brain. <i>Journal of Comparative Neurology</i> , 2020, 528, 1003-1027.	0.9	33
9	Reduction in the neuronal surface of post and presynaptic GABA <sub>B</sub> receptors in the hippocampus in a mouse model of Alzheimer's disease. <i>Brain Pathology</i> , 2020, 30, 554-575.	2.1	22
10	Deep Learning-Assisted High-Throughput Analysis of Freeze-Fracture Replica Images Applied to Glutamate Receptors and Calcium Channels at Hippocampal Synapses. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6737.	1.8	13
11	Advantages of Acute Brain Slices Prepared at Physiological Temperature in the Characterization of Synaptic Functions. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 63.	1.8	31
12	Density of GABAB Receptors Is Reduced in Granule Cells of the Hippocampus in a Mouse Model of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2459.	1.8	21
13	Synergism of type 1 metabotropic and ionotropic glutamate receptors in cerebellar molecular layer interneurons in vivo. <i>ELife</i> , 2020, 9, .	2.8	3
14	Localization of group II and III metabotropic glutamate receptors at pre- and postsynaptic sites of inner hair cell ribbon synapses. <i>FASEB Journal</i> , 2019, 33, 13734-13746.	0.2	18
15	Structural and Functional Remodeling of Amygdala GABAergic Synapses in Associative Fear Learning. <i>Neuron</i> , 2019, 104, 781-794.e4.	3.8	24
16	Optimized Reaction Pair of the CysHis Tag and Ni(II)-NTA Probe for Highly Selective Chemical Labeling of Membrane Proteins. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 995-1000.	2.0	7
17	Electron Microscopic Detection of Single Membrane Proteins by a Specific Chemical Labeling. <i>IScience</i> , 2019, 22, 256-268.	1.9	9
18	HCN channel-mediated neuromodulation can control action potential velocity and fidelity in central axons. <i>ELife</i> , 2019, 8, .	2.8	32

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19	Super-resolution structural analysis of dendritic spines using three-dimensional structured illumination microscopy in cleared mouse brain slices. <i>European Journal of Neuroscience</i> , 2018, 47, 1033-1042.	1.2	10
20	Super-resolution Microscopical Localization of Dopamine Receptors 1 and 2 in Rat Hippocampal Synaptosomes. <i>Molecular Neurobiology</i> , 2018, 55, 4857-4869.	1.9	6
21	Differential association of GABAB receptors with their effector ion channels in Purkinje cells. <i>Brain Structure and Function</i> , 2018, 223, 1565-1587.	1.2	27
22	SK2 Channels Associate With mGlu1± Receptors and CaV2.1 Channels in Purkinje Cells. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 311.	1.8	13
23	Kv2 Ion Channels Determine the Expression and Localization of the Associated AMIGO-1 Cell Adhesion Molecule in Adult Brain Neurons. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 1.	1.4	151
24	KCTD12 Auxiliary Proteins Modulate Kinetics of GABA <sub>B</sub> Receptor-Mediated Inhibition in Cholecystokinin-Containing Interneurons. <i>Cerebral Cortex</i> , 2017, 27, bhw090.	1.6	19
25	The number and distribution of AMPA receptor channels containing fast kinetic GluA3 and GluA4 subunits at auditory nerve synapses depend on the target cells. <i>Brain Structure and Function</i> , 2017, 222, 3375-3393.	1.2	25
26	Altered surface mGluR5 dynamics provoke synaptic NMDAR dysfunction and cognitive defects in Fmr1 knockout mice. <i>Nature Communications</i> , 2017, 8, 1103.	5.8	71
27	The genetic encoded toolbox for electron microscopy and connectomics. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2017, 6, e288.	5.9	4
28	Numbers of presynaptic Ca <sup>2+</sup> channel clusters match those of functionally defined vesicular docking sites in single central synapses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5246-E5255.	3.3	75
29	PirB regulates asymmetries in hippocampal circuitry. <i>PLoS ONE</i> , 2017, 12, e0179377.	1.1	5
30	Distribution and Structure of Synapses on Medial Vestibular Nuclear Neurons Targeted by Cerebellar Flocculus Purkinje Cells and Vestibular Nerve in Mice: Light and Electron Microscopy Studies. <i>PLoS ONE</i> , 2016, 11, e0164037.	1.1	19
31	Immunogold Protein Localization on Grid-Glued Freeze-Fracture Replicas. <i>Methods in Molecular Biology</i> , 2016, 1474, 203-216.	0.4	5
32	High-Resolution Localization of Membrane Proteins by SDS-Digested Freeze-Fracture Replica Labeling (SDS-FRL). <i>NeuroMethods</i> , 2016, , 233-245.	0.2	1
33	Differential expression patterns of K <sup>+</sup> /Cl <sup>-</sup> cotransporter 2 in neurons within the superficial spinal dorsal horn of rats. <i>Journal of Comparative Neurology</i> , 2015, 523, 1967-1983.	0.9	10
34	Distinct subsynaptic localization of type 1 metabotropic glutamate receptors at glutamatergic and GABAergic synapses in the rodent cerebellar cortex. <i>European Journal of Neuroscience</i> , 2015, 41, 157-167.	1.2	17
35	Nanoscale Distribution of Presynaptic Ca <sup>2+</sup> Channels and Its Impact on Vesicular Release during Development. <i>Neuron</i> , 2015, 85, 145-158.	3.8	214
36	Endocannabinoids Induce Lateral Long-Term Potentiation of Transmitter Release by Stimulation of Gliotransmission. <i>Cerebral Cortex</i> , 2015, 25, 3699-3712.	1.6	102

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37	Netrin-G/NGL Complexes Encode Functional Synaptic Diversification. <i>Journal of Neuroscience</i> , 2014, 34, 15779-15792.	1.7	58
38	Target- and input-dependent organization of AMPA and NMDA receptors in synaptic connections of the cochlear nucleus. <i>Journal of Comparative Neurology</i> , 2014, 522, 4023-4042.	0.9	16
39	Distinct kinetics of synaptic structural plasticity, memory formation, and memory decay in massed and spaced learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E194-202.	3.3	54
40	Postsynaptic insertion of AMPA receptor onto cortical pyramidal neurons in the anterior cingulate cortex after peripheral nerve injury. <i>Molecular Brain</i> , 2014, 7, 76.	1.3	59
41	Distinct cerebellar engrams in short-term and long-term motor learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E188-93.	3.3	54
42	Coassembly and Coupling of SK2 Channels and mGlu <sub>5</sub> Receptors. <i>Journal of Neuroscience</i> , 2014, 34, 14793-14802.	1.7	20
43	Ultrafast Action Potentials Mediate Kilohertz Signaling at a Central Synapse. <i>Neuron</i> , 2014, 84, 152-163.	3.8	111
44	Cell type-specific spatial and functional coupling between mammalian brain Kv2.1 K <sup>+</sup> channels and ryanodine receptors. <i>Journal of Comparative Neurology</i> , 2014, 522, 3555-3574.	0.9	56
45	Cadherin-based adhesions in the apical endfoot are required for active Notch signaling to control neurogenesis in vertebrates. <i>Development (Cambridge)</i> , 2014, 141, 1671-1682.	1.2	86
46	Differential subcellular localization of SK3-containing channels in the hippocampus. <i>European Journal of Neuroscience</i> , 2014, 39, 883-892.	1.2	22
47	Optogenetic Countering of Glial Acidosis Suppresses Glial Glutamate Release and Ischemic Brain Damage. <i>Neuron</i> , 2014, 81, 314-320.	3.8	154
48	Functional Deficiency of MHC Class I Enhances LTP and Abolishes LTD in the Nucleus Accumbens of Mice. <i>PLoS ONE</i> , 2014, 9, e107099.	1.1	13
49	Neural substrates for the distinct effects of presynaptic group III metabotropic glutamate receptors on extinction of contextual fear conditioning in mice. <i>Neuropharmacology</i> , 2013, 66, 274-289.	2.0	35
50	Retrograde Synaptic Signaling Mediated by K <sup>+</sup> Efflux through Postsynaptic NMDA Receptors. <i>Cell Reports</i> , 2013, 5, 941-951.	2.9	68
51	Evaluation of glutamate concentration transient in the synaptic cleft of the rat calyx of Held. <i>Journal of Physiology</i> , 2013, 591, 219-239.	1.3	45
52	Neuroigin-1 controls synaptic abundance of NMDA-type glutamate receptors through extracellular coupling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 725-730.	3.3	164
53	Differential GABAB-Receptor-Mediated Effects in Perisomatic- and Dendrite-Targeting Parvalbumin Interneurons. <i>Journal of Neuroscience</i> , 2013, 33, 7961-7974.	1.7	43
54	Quantitative Localization of Ca <sub>v</sub> 2.1 (P/Q-Type) Voltage-Dependent Calcium Channels in Purkinje Cells: Somatodendritic Gradient and Distinct Somatic Coclustering with Calcium-Activated Potassium Channels. <i>Journal of Neuroscience</i> , 2013, 33, 3668-3678.	1.7	117

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55	Neuronal major histocompatibility complex class I molecules are implicated in the generation of asymmetries in hippocampal circuitry. <i>Journal of Physiology</i> , 2013, 591, 4777-4791.	1.3	23
56	Association of Rgs7/GÎ²5 complexes with girk channels and GABA <sub>B</sub> receptors in hippocampal CA1 pyramidal neurons. <i>Hippocampus</i> , 2013, 23, 1231-1245.	0.9	40
57	Application of an optogenetic byway for perturbing neuronal activity via glial photostimulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20720-20725.	3.3	139
58	Quantitative Regional and Ultrastructural Localization of the Ca <sub>v</sub> 2.3 Subunit of R-type Calcium Channel in Mouse Brain. <i>Journal of Neuroscience</i> , 2012, 32, 13555-13567.	1.7	78
59	Mechanisms Underlying Signal Filtering at a Multisynapse Contact. <i>Journal of Neuroscience</i> , 2012, 32, 2357-2376.	1.7	49
60	Thin Dendrites of Cerebellar Interneurons Confer Sublinear Synaptic Integration and a Gradient of Short-Term Plasticity. <i>Neuron</i> , 2012, 73, 1159-1172.	3.8	114
61	Virus-mediated swapping of zolpidem-insensitive with zolpidem-sensitive GABA <sub>A</sub> receptors in cortical pyramidal cells. <i>Journal of Physiology</i> , 2012, 590, 1517-1534.	1.3	8
62	Intra-synapse-type and inter-synapse-type relationships between synaptic size and AMPAR expression. <i>Current Opinion in Neurobiology</i> , 2012, 22, 446-452.	2.0	31
63	Hyperpolarization-activated cyclic nucleotide gated channels: a potential molecular link between epileptic seizures and AÎ² generation in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2012, 7, 50.	4.4	39
64	Right-hemispheric dominance of spatial memory in split-brain mice. <i>Hippocampus</i> , 2012, 22, 117-121.	0.9	64
65	Developmental profile of SK2 channel expression and function in CA1 neurons. <i>Hippocampus</i> , 2012, 22, 1467-1480.	0.9	35
66	The SK2-long isoform directs synaptic localization and function of SK2-containing channels. <i>Nature Neuroscience</i> , 2011, 14, 744-749.	7.1	52
67	The adherens junction serves as a switch for neurogenesis by facilitating Notch-Delta interaction in vertebrate. <i>Neuroscience Research</i> , 2011, 71, e51.	1.0	0
68	Ultrastructural localization analysis of septins in mammalian nervous system. <i>Neuroscience Research</i> , 2011, 71, e118.	1.0	0
69	Right-hemispheric dominance of dentate granular cell c-fos expression after spatial exploration in split-brain mice. <i>Neuroscience Research</i> , 2011, 71, e179.	1.0	0
70	HCN channelopathy in external globus pallidus neurons in models of Parkinson's disease. <i>Nature Neuroscience</i> , 2011, 14, 85-92.	7.1	160
71	NMDA Receptors in Hippocampal GABAergic Synapses and Their Role in Nitric Oxide Signaling. <i>Journal of Neuroscience</i> , 2011, 31, 5893-5904.	1.7	72
72	Localization of NK1 receptors and roles of substance-P in subepithelial fibroblasts of rat intestinal villi. <i>Cell and Tissue Research</i> , 2010, 342, 243-259.	1.5	6

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73	Subcellular distribution of $\alpha 1G$ subunit of T-type calcium channel in the mouse dorsal lateral geniculate nucleus. <i>Journal of Comparative Neurology</i> , 2010, 518, 4362-4374.	0.9	22
74	Differential postsynaptic compartments in the laterocapsular division of the central nucleus of amygdala for afferents from the parabrachial nucleus and the basolateral nucleus in the rat. <i>Journal of Comparative Neurology</i> , 2010, 518, 4771-4791.	0.9	25
75	Immunolocalization of multiple membrane proteins on a carbon replica with STEM and EDX. <i>Ultramicroscopy</i> , 2010, 110, 366-374.	0.8	17
76	Quantitative localisation of synaptic and extrasynaptic GABA <sub>A</sub> receptor subunits on hippocampal pyramidal cells by freeze-fracture replica immunolabelling. <i>European Journal of Neuroscience</i> , 2010, 32, 1868-1888.	1.2	131
77	Selective Participation of Somatodendritic HCN Channels in Inhibitory But Not Excitatory Synaptic Integration in Neurons of the Subthalamic Nucleus. <i>Journal of Neuroscience</i> , 2010, 30, 16025-16040.	1.7	56
78	Disruption of LGI1-linked synaptic complex causes abnormal synaptic transmission and epilepsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3799-3804.	3.3	287
79	Immunohistochemical localization of kainate receptors, GluK2/3 (GluR6/7) and GluK5 (KA2), in the mouse hippocampus. <i>Neuroscience Research</i> , 2010, 68, e230-e231.	1.0	0
80	Cbln1 Is a Ligand for an Orphan Glutamate Receptor $\gamma 2$ , a Bidirectional Synapse Organizer. <i>Science</i> , 2010, 328, 363-368.	6.0	315
81	Localization of voltage-dependent calcium channel subunit alpha 1A (Cav2.1) in the rat cerebellum. <i>Neuroscience Research</i> , 2010, 68, e110.	1.0	0
82	Visual Properties of Transgenic Rats Harboring the Channelrhodopsin-2 Gene Regulated by the Thy-1.2 Promoter. <i>PLoS ONE</i> , 2009, 4, e7679.	1.1	143
83	Mice with Altered Myelin Proteolipid Protein Gene Expression Display Cognitive Deficits Accompanied by Abnormal Neuron-Glia Interactions and Decreased Conduction Velocities. <i>Journal of Neuroscience</i> , 2009, 29, 8363-8371.	1.7	66
84	Input-Specific Intrasynaptic Arrangements of Ionotropic Glutamate Receptors and Their Impact on Postsynaptic Responses. <i>Journal of Neuroscience</i> , 2009, 29, 12896-12908.	1.7	102
85	Bioimaging with Two-photon-induced Luminescence from Triangular Nanoplates and Nanoparticle Aggregates of Gold. <i>Advanced Materials</i> , 2009, 21, 2309-2313.	11.1	67
86	Large-conductance calcium-activated potassium channels in purkinje cell plasma membranes are clustered at sites of hypolemmal microdomains. <i>Journal of Comparative Neurology</i> , 2009, 515, 215-230.	0.9	56
87	Crosstalk between GABAB and mGlu1a receptors reveals new insight into GPCR signal integration. <i>EMBO Journal</i> , 2009, 28, 2195-2208.	3.5	124
88	Subcellular compartment-specific molecular diversity of pre- and post-synaptic GABA <sub>B</sub> -activated GIRK channels in Purkinje cells. <i>Journal of Neurochemistry</i> , 2009, 110, 1363-1376.	2.1	65
89	Fluorescent Arc/Arg3.1 indicator mice: A versatile tool to study brain activity changes in vitro and in vivo. <i>Journal of Neuroscience Methods</i> , 2009, 184, 25-36.	1.3	43
90	Selective Gating of Glutamatergic Inputs to Excitatory Neurons of Amygdala by Presynaptic GABAB Receptor. <i>Neuron</i> , 2009, 61, 917-929.	3.8	68

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91	Tuning of the Zernike phase-plate for visualization of detailed ultrastructure in complex biological specimens. <i>Journal of Structural Biology</i> , 2009, 168, 476-484.	1.3	37
92	Developmental clustering of glutamate receptors in the Calyx of Held Synapses. <i>Neuroscience Research</i> , 2009, 65, S142.	1.0	0
93	In vivo remodeling of postsynaptic glutamate receptor organization revealed by freeze-fracture replica labeling. <i>Neuroscience Research</i> , 2009, 65, S144.	1.0	0
94	The GABA <sub>B1a</sub> Isoform Mediates Heterosynaptic Depression at Hippocampal Mossy Fiber Synapses. <i>Journal of Neuroscience</i> , 2009, 29, 1414-1423.	1.7	54
95	Analysis of neuroligin-3 knock-in mice relevant to autism spectrum disorders. <i>Neuroscience Research</i> , 2009, 65, S257.	1.0	0
96	BK channels in Purkinje cell plasma membranes are concentrated in plasmersomes at sites of hypolemmal cisternae. <i>BMC Pharmacology</i> , 2008, 8, .	0.4	0
97	The presence of pacemaker HCN channels identifies theta rhythmic GABAergic neurons in the medial septum. <i>Journal of Physiology</i> , 2008, 586, 3893-3915.	1.3	103
98	Increased social interaction in mice deficient of the striatal medium spiny neuron-specific phosphodiesterase 10A2. <i>Journal of Neurochemistry</i> , 2008, 105, 546-556.	2.1	100
99	Connexin45-Containing Neuronal Gap Junctions in Rodent Retina Also Contain Connexin36 in Both Apposing Hemiplaques, Forming Bihomotypic Gap Junctions, with Scaffolding Contributed by Zonula Occludens-1. <i>Journal of Neuroscience</i> , 2008, 28, 9769-9789.	1.7	117
100	Numbers, Densities, and Colocalization of AMPA- and NMDA-Type Glutamate Receptors at Individual Synapses in the Superficial Spinal Dorsal Horn of Rats. <i>Journal of Neuroscience</i> , 2008, 28, 9692-9701.	1.7	64
101	Left-right asymmetry of the hippocampal synapses with differential subunit allocation of glutamate receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19498-19503.	3.3	172
102	Dendritic <i>Ik</i> Ensures High-Fidelity Dendritic Spike Responses of Motion-Sensitive Neurons in Rat Superior Colliculus. <i>Journal of Neurophysiology</i> , 2008, 99, 2066-2076.	0.9	28
103	Right Isomerism of the Brain in Inversus Viscerum Mutant Mice. <i>PLoS ONE</i> , 2008, 3, e1945.	1.1	36
104	HCN2 and HCN4 Isoforms Self-assemble and Co-assemble with Equal Preference to Form Functional Pacemaker Channels. <i>Journal of Biological Chemistry</i> , 2007, 282, 22900-22909.	1.6	51
105	Localization of HCN1 Channels to Presynaptic Compartments: Novel Plasticity That May Contribute to Hippocampal Maturation. <i>Journal of Neuroscience</i> , 2007, 27, 4697-4706.	1.7	65
106	Number and Density of AMPA Receptors in Individual Synapses in the Rat Cerebellum as Revealed by SDS-Digested Freeze-Fracture Replica Labeling. <i>Journal of Neuroscience</i> , 2007, 27, 2135-2144.	1.7	157
107	Morphology and synaptic input of substance P receptor-immunoreactive interneurons in control and epileptic human hippocampus. <i>Neuroscience</i> , 2007, 144, 495-508.	1.1	18
108	Metabotropic glutamate receptor 4-immunopositive terminals of medium-sized spiny neurons selectively form synapses with cholinergic interneurons in the rat neostriatum. <i>Journal of Comparative Neurology</i> , 2007, 500, 908-922.	0.9	12

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109	Functional presynaptic HCN channels in the rat globus pallidus. <i>European Journal of Neuroscience</i> , 2007, 25, 2081-2092.	1.2	46
110	Developing oligodendrocytes express functional GABA <sub>B</sub> receptors that stimulate cell proliferation and migration. <i>Journal of Neurochemistry</i> , 2007, 100, 822-840.	2.1	81
111	The coexistence of multiple receptors in a single nerve terminal provides evidence for pre-synaptic integration. <i>Journal of Neurochemistry</i> , 2007, 103, 2314-2326.	2.1	12
112	High-resolution quantitative visualization of glutamate and GABA receptors at central synapses. <i>Current Opinion in Neurobiology</i> , 2007, 17, 387-393.	2.0	103
113	Expression of group II metabotropic glutamate receptors in rat gustatory papillae. <i>Cell and Tissue Research</i> , 2007, 328, 57-63.	1.5	24
114	Differential localization and regulation of stargazin-like protein, $\beta$ -8 and stargazin in the plasma membrane of hippocampal and cortical neurons. <i>Neuroscience Research</i> , 2006, 55, 45-53.	1.0	51
115	Differential Compartmentalization and Distinct Functions of GABA <sub>B</sub> Receptor Variants. <i>Neuron</i> , 2006, 50, 589-601.	3.8	289
116	A Ca <sub>v</sub> 2.1 calcium channel mutation reduces the number of postsynaptic AMPA receptors in parallel fiber-Purkinje cell synapses. <i>European Journal of Neuroscience</i> , 2006, 24, 2993-3007.	1.2	27
117	Generalization of amygdala LTP and conditioned fear in the absence of presynaptic inhibition. <i>Nature Neuroscience</i> , 2006, 9, 1028-1035.	7.1	181
118	Metabotropic glutamate receptors. <i>Cell and Tissue Research</i> , 2006, 326, 483-504.	1.5	488
119	Quantitative Analysis and Subcellular Distribution of mRNA and Protein Expression of the Hyperpolarization-Activated Cyclic Nucleotide-Gated Channels throughout Development in Rat Hippocampus. <i>Cerebral Cortex</i> , 2006, 17, 702-712.	1.6	88
120	Compartment-Dependent Colocalization of Kir3.2-Containing K <sup>+</sup> Channels and GABA <sub>B</sub> Receptors in Hippocampal Pyramidal Cells. <i>Journal of Neuroscience</i> , 2006, 26, 4289-4297.	1.7	131
121	Preferential localization of the hyperpolarization-activated cyclic nucleotide-gated cation channel subunit HCN1 in basket cell terminals of the rat cerebellum. <i>European Journal of Neuroscience</i> , 2005, 21, 2073-2082.	1.2	67
122	GABA <sub>B</sub> and CB1 cannabinoid receptor expression identifies two types of septal cholinergic neurons. <i>European Journal of Neuroscience</i> , 2005, 21, 3034-3042.	1.2	49
123	Differential distribution of release-related proteins in the hippocampal CA3 area as revealed by freeze-fracture replica labeling. <i>Journal of Comparative Neurology</i> , 2005, 489, 195-216.	0.9	89
124	Neurogliaform Neurons Form a Novel Inhibitory Network in the Hippocampal CA1 Area. <i>Journal of Neuroscience</i> , 2005, 25, 6775-6786.	1.7	233
125	Metabotropic Glutamate Receptor 8-Expressing Nerve Terminals Target Subsets of GABAergic Neurons in the Hippocampus. <i>Journal of Neuroscience</i> , 2005, 25, 10520-10536.	1.7	124
126	Target-Cell-Specific Left-Right Asymmetry of NMDA Receptor Content in Schaffer Collateral Synapses in A1/NR2A Knock-Out Mice. <i>Journal of Neuroscience</i> , 2005, 25, 9213-9226.	1.7	47



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127	Number and Density of AMPA Receptors in Single Synapses in Immature Cerebellum. <i>Journal of Neuroscience</i> , 2005, 25, 799-807.	1.7	150
128	Morphological evidence for GABA/glycine-cocontaining terminals in synaptic contact with neurokinin-1 receptor-expressing neurons in the sacral dorsal commissural nucleus of the rat. <i>Neuroscience Letters</i> , 2005, 388, 144-148.	1.0	8
129	Cellular Localization of GABA and GABAB Receptor Subunit Proteins During Spermiogenesis in Rat Testis. <i>Journal of Andrology</i> , 2005, 26, 485-493.	2.0	23
130	Downregulation of a Metabotropic Glutamate Receptor in the Parkinsonian Basal Ganglia. , 2005, , 255-263.		0
131	Bidirectional Interactions between H-Channels and Na <sup>+</sup> -K <sup>+</sup> Pumps in Mesencephalic Trigeminal Neurons. <i>Journal of Neuroscience</i> , 2004, 24, 3694-3702.	1.7	28
132	HCN2 and HCN1 Channels Govern the Regularity of Autonomous Pacemaking and Synaptic Resetting in Globus Pallidus Neurons. <i>Journal of Neuroscience</i> , 2004, 24, 9921-9932.	1.7	158
133	GABAergic basket cells expressing cholecystikinin contain vesicular glutamate transporter type 3 (VGLUT3) in their synaptic terminals in hippocampus and isocortex of the rat. <i>European Journal of Neuroscience</i> , 2004, 19, 552-569.	1.2	179
134	Immunocytochemical localization of the alpha1A subunit of the P/Q-type calcium channel in the rat cerebellum. <i>European Journal of Neuroscience</i> , 2004, 19, 2169-2178.	1.2	83
135	Depression of GABAergic input to identified hippocampal neurons by group III metabotropic glutamate receptors in the rat. <i>European Journal of Neuroscience</i> , 2004, 19, 2727-2740.	1.2	55
136	Immunolocalization of metabotropic glutamate receptor 1? (mGluR1?) in distinct classes of interneuron in the CA1 region of the rat hippocampus. <i>Hippocampus</i> , 2004, 14, 193-215.	0.9	116
137	Distribution of metabotropic GABA receptor subunits GABAB1a/band GABAB2in the rat hippocampus during prenatal and postnatal development. <i>Hippocampus</i> , 2004, 14, 836-848.	0.9	74
138	Immunohistochemical localization of Ih channel subunits, HCN1-4, in the rat brain. <i>Journal of Comparative Neurology</i> , 2004, 471, 241-276.	0.9	497
139	Localization of the GABA receptor 1a/b subunit relative to glutamatergic synapses in the dorsal cochlear nucleus of the rat. <i>Journal of Comparative Neurology</i> , 2004, 475, 36-46.	0.9	43
140	Expression of metabotropic glutamate receptor group I in rat gustatory papillae. <i>Cell and Tissue Research</i> , 2003, 313, 29-35.	1.5	104
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