

Hiroyuki Sakagami

List of Publications by Year in descending order

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36
papers

1,076
citations

430874

18
h-index

395702

33
g-index

36
all docs

36
docs citations

36
times ranked

1501
citing authors

#	ARTICLE	IF	CITATIONS
1	Rac1 is required for the formation of three germ layers during gastrulation. <i>Oncogene</i> , 1998, 17, 3427-3433.	5.9	301
2	IQ-ArfGEF/BRAG1 is a guanine nucleotide exchange factor for Arf6 that interacts with PSD-95 at postsynaptic density of excitatory synapses. <i>Neuroscience Research</i> , 2008, 60, 199-212.	1.9	73
3	Comprehensive Behavioral Analysis of Calcium/Calmodulin-Dependent Protein Kinase IV Knockout Mice. <i>PLoS ONE</i> , 2010, 5, e9460.	2.5	59
4	SynArfGEF is a guanine nucleotide exchange factor for Arf6 and localizes preferentially at postsynaptic specializations of inhibitory synapses. <i>Journal of Neurochemistry</i> , 2011, 116, 1122-1137.	3.9	56
5	Distinct immunohistochemical localization of two isoforms of Ca ²⁺ /calmodulin-dependent protein kinase kinases in the adult rat brain. <i>European Journal of Neuroscience</i> , 2000, 12, 89-99.	2.6	51
6	Distinct spatiotemporal expression of EFA6D, a guanine nucleotide exchange factor for ARF6, among the EFA6 family in mouse brain. <i>Brain Research</i> , 2006, 1093, 1-11.	2.2	49
7	Prominent expression and activity-dependent nuclear translocation of Ca ²⁺ /calmodulin-dependent protein kinase II γ in hippocampal neurons. <i>European Journal of Neuroscience</i> , 2005, 22, 2697-2707.	2.6	41
8	ADP Ribosylation Factor 6 Regulates Neuronal Migration in the Developing Cerebral Cortex through FIP3/Arfophilin-1-dependent Endosomal Trafficking of N-cadherin. <i>ENeuro</i> , 2016, 3, ENEURO.0148-16.2016.	1.9	41
9	Localization of epidermal-type fatty acid binding protein in alveolar macrophages and some alveolar type II epithelial cells in mouse lung. <i>The Histochemical Journal</i> , 2001, 33, 453-457.	0.6	36
10	Somatodendritic localization of the mRNA for EFA6A, a guanine nucleotide exchange protein for ARF6, in rat hippocampus and its involvement in dendritic formation. <i>European Journal of Neuroscience</i> , 2004, 19, 863-870.	2.6	36
11	Cellular and subcellular localization of EFA6C, a third member of the EFA6 family, in adult mouse Purkinje cells. <i>Journal of Neurochemistry</i> , 2005, 93, 674-685.	3.9	29
12	Somatodendritic localization of EFA6A, a guanine nucleotide exchange factor for ADP-ribosylation factor 6, and its possible interaction with F-actinin in dendritic spines. <i>European Journal of Neuroscience</i> , 2007, 25, 618-628.	2.6	28
13	The postsynaptic density protein, IQ-ArfGEF/BRAG1, can interact with IRSp53 through its proline-rich sequence. <i>Brain Research</i> , 2009, 1251, 7-15.	2.2	27
14	Trans-regulation of oligodendrocyte myelination by neurons through small GTPase Arf6-regulated secretion of fibroblast growth factor-2. <i>Nature Communications</i> , 2014, 5, 4744.	12.8	26
15	Type I phosphatidylinositol 4-phosphate 5-kinase β is required for neuronal migration in the mouse developing cerebral cortex. <i>European Journal of Neuroscience</i> , 2013, 38, 2659-2671.	2.6	25
16	The EFA6 Family: Guanine Nucleotide Exchange Factors for ADP Ribosylation Factor 6 at Neuronal Synapses. <i>Tohoku Journal of Experimental Medicine</i> , 2008, 214, 191-198.	1.2	24
17	Distinct synaptic localization patterns of brefeldin A-resistant guanine nucleotide exchange factors BRAG2 and BRAG3 in the mouse retina. <i>Journal of Comparative Neurology</i> , 2013, 521, 860-876.	1.6	23
18	EFA6A, a guanine nucleotide exchange factor for Arf6, interacts with sorting nexin-1 and regulates neurite outgrowth. <i>Journal of Neurochemistry</i> , 2014, 129, 21-36.	3.9	21

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19	Vezeatin, a potential target for ADP-ribosylation factor 6, regulates the dendritic formation of hippocampal neurons. <i>Neuroscience Research</i> , 2010, 67, 126-136.	1.9	18
20	Interaction of serologically defined colon cancer antigen-3 with Arf6 and its predominant expression in the mouse testis. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 868-873.	2.1	18
21	Immunological evidence that the beta isoform of Ca ²⁺ /calmodulin-dependent protein kinase IV is a cerebellar granule cell-specific product of the CaM kinase IV gene. <i>European Journal of Neuroscience</i> , 1999, 11, 2531-2536.	2.6	12
22	Pallidin is a novel interacting protein for cytohesin-2 and regulates the early endosomal pathway and dendritic formation in neurons. <i>Journal of Neurochemistry</i> , 2018, 147, 153-177.	3.9	12
23	Pilt is a coiled-coil domain-containing protein that localizes at the trans-Golgi complex and regulates its structure. <i>FEBS Letters</i> , 2012, 586, 3064-3070.	2.8	11
24	Endosomal localization of FIP3/Arfophilin-1 and its involvement in dendritic formation of mouse hippocampal neurons. <i>Brain Research</i> , 2014, 1557, 55-65.	2.2	10
25	BRAG2a Mediates mGluR-Dependent AMPA Receptor Internalization at Excitatory Postsynapses through the Interaction with PSD-95 and Endophilin 3. <i>Journal of Neuroscience</i> , 2020, 40, 4277-4296.	3.6	8
26	Distinct subcellular localization of alternative splicing variants of EFA6D, a guanine nucleotide exchange factor for Arf6, in the mouse brain. <i>Journal of Comparative Neurology</i> , 2016, 524, 2531-2552.	1.6	7
27	Cellular and subcellular localization of ADP-ribosylation factor 6 in mouse peripheral tissues. <i>Histochemistry and Cell Biology</i> , 2017, 148, 577-596.	1.7	7
28	Transient up-regulation of elongation factor-2 kinase (Ca ²⁺ /calmodulin-dependent protein kinase III) messenger RNA in developing mouse brain. <i>Neuroscience Letters</i> , 2002, 330, 41-44.	2.1	6
29	The Vps52 subunit of the GARP and EARP complexes is a novel Arf6-interacting protein that negatively regulates neurite outgrowth of hippocampal neurons. <i>Brain Research</i> , 2020, 1745, 146905.	2.2	6
30	Preferential localization of type I phosphatidylinositol 4-phosphate 5-kinase β at the periaxonal zone of mouse photoreceptor ribbon synapses. <i>Brain Research</i> , 2014, 1586, 23-33.	2.2	5
31	Localization of PDK-1 mRNA in the Brain of Developing and Adult Rats. <i>Tohoku Journal of Experimental Medicine</i> , 1999, 187, 249-255.	1.2	4
32	Predominant localization of EFA6A, a guanine nucleotide exchange factor for ARF6, at the perisynaptic photoreceptor processes. <i>Brain Research</i> , 2008, 1234, 44-49.	2.2	4
33	FIP 4/Arfophilin-2 plays overlapping but distinct roles from FIP 3/Arfophilin-1 in neuronal migration during cortical layer formation. <i>European Journal of Neuroscience</i> , 2018, 48, 3082-3096.	2.6	1
34	Mice lacking EFA6C/Psd2, a guanine nucleotide exchange factor for Arf6, exhibit lower Purkinje cell synaptic density but normal cerebellar motor functions. <i>PLoS ONE</i> , 2019, 14, e0216960.	2.5	1
35	A novel scaffold protein, TANC, possibly a rat homolog of <i>Drosophila</i> rolling pebbles (rols), forms a multiprotein complex with various postsynaptic density proteins. <i>European Journal of Neuroscience</i> , 2005, 21, 825-825.	2.6	0
36	Distinct subcellular localization of alternative splicing variants of EFA6D, a guanine nucleotide exchange factor for Arf6, in the mouse brain. <i>Journal of Comparative Neurology</i> , 2016, 524, Spc1.	1.6	0