Tatsuo Suzuki

List of Publications by Year
in descending order

29	905	623734 14	501196 28
papers	citations	h-index	g-index

29	29	29	1013
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	IQSEC3 Deletion Impairs Fear Memory Through Upregulation of Ribosomal S6K1 Signaling in the Hippocampus. Biological Psychiatry, 2022, 91, 821-831.	1.3	6
2	Non-microtubule tubulin-based backbone and subordinate components of postsynaptic density lattices. Life Science Alliance, 2021, 4, e202000945.	2.8	1
3	Isolation of Synapse Sub-Domains by Subcellular Fractionation Using Sucrose Density Gradient Centrifugation: Purification of the Synaptosome, Synaptic Plasma Membrane, Postsynaptic Density, Synaptic Membrane Raft, and Postsynaptic Density Lattice. Neuromethods, 2019, , 21-42.	0.3	1
4	Protein components of postâ€synaptic density lattice, a backbone structure for type I excitatory synapses. Journal of Neurochemistry, 2018, 144, 390-407.	3.9	14
5	Deletion of Lrp4 increases the incidence of microphthalmia. Biochemical and Biophysical Research Communications, 2018, 506, 478-484.	2.1	1
6	Role of Splice Variants of Gtf2i, a Transcription Factor Localizing at Postsynaptic Sites, and Its Relation to Neuropsychiatric Diseases. International Journal of Molecular Sciences, 2017, 18, 411.	4.1	11
7	Polyhydramnios in Lrp4 knockout mice with bilateral kidney agenesis: Defects in the pathways of amniotic fluid clearance. Scientific Reports, 2016, 6, 20241.	3.3	12
8	Novel splice variants in the 5'UTR of Gtf2i expressed in the rat brain: alternative 5'UTRs and differential expression in the neuronal dendrites. Journal of Neurochemistry, 2015, 134, 578-589.	3.9	6
9	Detergentâ€dependent separation of postsynaptic density, membrane rafts and other subsynaptic structures from the synaptic plasma membrane of rat forebrain. Journal of Neurochemistry, 2014, 131, 147-162.	3.9	4
10	Specific Interaction of Postsynaptic Densities With Membrane Rafts Isolated From Synaptic Plasma Membranes. Journal of Neurogenetics, 2013, 27, 43-58.	1.4	9
11	Isolation of Synapse Subdomains by Subcellular Fractionation Using Sucrose Density Gradient Centrifugation. Neuromethods, 2011, , 47-61.	0.3	8
12	SynArfGEF is a guanine nucleotide exchange factor for Arf6 and localizes preferentially at postâ€synaptic specializations of inhibitory synapses. Journal of Neurochemistry, 2011, 116, 1122-1137.	3.9	56
13	Association of membrane rafts and postsynaptic density: proteomics, biochemical, and ultrastructural analyses. Journal of Neurochemistry, 2011, 119, 64-77.	3.9	61
14	Differential distribution of synGAPÎ±1 and synGAPÎ² isoforms in rat neurons. Brain Research, 2008, 1241, 62-75.	2.2	9
15	IQ-ArfGEF/BRAG1 is a guanine nucleotide exchange factor for Arf6 that interacts with PSD-95 at postsynaptic density of excitatory synapses. Neuroscience Research, 2008, 60, 199-212.	1.9	73
16	Characterization of mRNA species that are associated with postsynaptic density fraction by gene chip microarray analysis. Neuroscience Research, 2007, 57, 61-85.	1.9	38
17	Ca2+/calmodulin-dependent protein kinase IIÎ± clusters are associated with stable lipid rafts and their formation traps PSD-95. Journal of Neurochemistry, 2007, 104, 071115163316005-???.	3.9	28
18	Mechanisms for association of Ca2+/calmodulin-dependent protein kinase II with lipid rafts. Biochemical and Biophysical Research Communications, 2006, 347, 814-820.	2.1	20

#	Article	IF	Citations
19	Brainâ€specific potential guanine nucleotide exchange factor for Arf, synArfGEF (Po), is localized to postsynaptic density. Journal of Neurochemistry, 2004, 89, 1347-1357.	3.9	38
20	Lipid rafts at postsynaptic sites: distribution, function and linkage to postsynaptic density. Neuroscience Research, 2002, 44, 1-9.	1.9	83
21	Biochemical evidence for localization of AMPA-type glutamate receptor subunits in the dendritic raft. Molecular Brain Research, 2001, 89, 20-28.	2.3	96
22	Characterization of a Novel synGAP Isoform, synGAP-Î². Journal of Biological Chemistry, 2001, 276, 21417-21424.	3.4	57
23	Presence of molecular chaperones, heat shock cognate (Hsc) 70 and heat shock proteins (Hsp) 40, in the postsynaptic structures of rat brain. Brain Research, 1999, 816, 99-110.	2.2	79
24	Identification of mRNAs localizing in the postsynaptic region. Molecular Brain Research, 1999, 72, 147-157.	2.3	41
25	Excitable membranes and synaptic transmission: postsynaptic mechanisms.. Brain Research, 1997, 765, 74-80.	2.2	34
26	Rapid Translocation of Cytosolic Ca²⁺/CalmodulinâĐDependent Protein Kinase II into Postsynaptic Density After Decapitation. Journal of Neurochemistry, 1994, 63, 1529-1537.	3.9	106
27	Calcium/calmodulin-dependent inhibition of microtubule assembly by brain synaptic junction. Neurochemical Research, 1986, 11, 543-555.	3.3	6
28	Synaptosomal cytoskeleton visualized by whole mount electron microscopy. Neurochemistry International, 1984, 6, 573-587.	3.8	5
29	Molecular and structural bases for postsynaptic signal processing: interaction between postsynaptic density and postsynaptic membrane rafts. Journal of Neurorestoratology, 0, , 1.	2.5	2