

# Tatsuo Suzuki

## List of Publications by Year in descending order

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29  
papers

905  
citations

623734

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501196

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29  
docs citations

29  
times ranked

1013  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Translocation of Cytosolic Ca <sup>2+</sup> /Calmodulin-Dependent Protein Kinase II into Postsynaptic Density After Decapitation. <i>Journal of Neurochemistry</i> , 1994, 63, 1529-1537.	3.9	106
2	Biochemical evidence for localization of AMPA-type glutamate receptor subunits in the dendritic raft. <i>Molecular Brain Research</i> , 2001, 89, 20-28.	2.3	96
3	Lipid rafts at postsynaptic sites: distribution, function and linkage to postsynaptic density. <i>Neuroscience Research</i> , 2002, 44, 1-9.	1.9	83
4	Presence of molecular chaperones, heat shock cognate (Hsc) 70 and heat shock proteins (Hsp) 40, in the postsynaptic structures of rat brain. <i>Brain Research</i> , 1999, 816, 99-110.	2.2	79
5	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
6	Association of membrane rafts and postsynaptic density: proteomics, biochemical, and ultrastructural analyses. <i>Journal of Neurochemistry</i> , 2011, 119, 64-77.	3.9	61
7	Characterization of a Novel synGAP Isoform, synGAP- $\beta$ . <i>Journal of Biological Chemistry</i> , 2001, 276, 21417-21424.	3.4	57
8	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
9	Identification of mRNAs localizing in the postsynaptic region. <i>Molecular Brain Research</i> , 1999, 72, 147-157.	2.3	41
10	Brain-specific potential guanine nucleotide exchange factor for Arf, synArfGEF (Po), is localized to postsynaptic density. <i>Journal of Neurochemistry</i> , 2004, 89, 1347-1357.	3.9	38
11	Characterization of mRNA species that are associated with postsynaptic density fraction by gene chip microarray analysis. <i>Neuroscience Research</i> , 2007, 57, 61-85.	1.9	38
12	Excitable membranes and synaptic transmission: postsynaptic mechanisms. <i>Brain Research</i> , 1997, 765, 74-80.	2.2	34
13	Ca <sup>2+</sup> /calmodulin-dependent protein kinase II clusters are associated with stable lipid rafts and their formation traps PSD-95. <i>Journal of Neurochemistry</i> , 2007, 104, 071115163316005-???	3.9	28
14	Mechanisms for association of Ca <sup>2+</sup> /calmodulin-dependent protein kinase II with lipid rafts. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 814-820.	2.1	20
15	Protein components of postsynaptic density lattice, a backbone structure for type I excitatory synapses. <i>Journal of Neurochemistry</i> , 2018, 144, 390-407.	3.9	14
16	Polyhydramnios in Lrp4 knockout mice with bilateral kidney agenesis: Defects in the pathways of amniotic fluid clearance. <i>Scientific Reports</i> , 2016, 6, 20241.	3.3	12
17	Role of Splice Variants of Ctf2i, a Transcription Factor Localizing at Postsynaptic Sites, and Its Relation to Neuropsychiatric Diseases. <i>International Journal of Molecular Sciences</i> , 2017, 18, 411.	4.1	11
18	Differential distribution of synGAP $\beta$ 1 and synGAP $\beta$ 2 isoforms in rat neurons. <i>Brain Research</i> , 2008, 1241, 62-75.	2.2	9

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19	Specific Interaction of Postsynaptic Densities With Membrane Rafts Isolated From Synaptic Plasma Membranes. <i>Journal of Neurogenetics</i> , 2013, 27, 43-58.	1.4	9
20	Isolation of Synapse Subdomains by Subcellular Fractionation Using Sucrose Density Gradient Centrifugation. <i>Neuromethods</i> , 2011, , 47-61.	0.3	8
21	Calcium/calmodulin-dependent inhibition of microtubule assembly by brain synaptic junction. <i>Neurochemical Research</i> , 1986, 11, 543-555.	3.3	6
22	Novel splice variants in the 5'UTR of Gtf2i expressed in the rat brain: alternative 5'UTRs and differential expression in the neuronal dendrites. <i>Journal of Neurochemistry</i> , 2015, 134, 578-589.	3.9	6
23	IQSEC3 Deletion Impairs Fear Memory Through Upregulation of Ribosomal S6K1 Signaling in the Hippocampus. <i>Biological Psychiatry</i> , 2022, 91, 821-831.	1.3	6
24	Synaptosomal cytoskeleton visualized by whole mount electron microscopy. <i>Neurochemistry International</i> , 1984, 6, 573-587.	3.8	5
25	Detergent-dependent separation of postsynaptic density, membrane rafts and other subsynaptic structures from the synaptic plasma membrane of rat forebrain. <i>Journal of Neurochemistry</i> , 2014, 131, 147-162.	3.9	4
26	Molecular and structural bases for postsynaptic signal processing: interaction between postsynaptic density and postsynaptic membrane rafts. <i>Journal of Neurorestoratology</i> , 0, , 1.	2.5	2
27	Deletion of Lrp4 increases the incidence of microphthalmia. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 478-484.	2.1	1
28	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. <i>Neuromethods</i> , 2019, , 21-42.	0.3	1
29	Non-microtubule tubulin-based backbone and subordinate components of postsynaptic density lattices. <i>Life Science Alliance</i> , 2021, 4, e202000945.	2.8	1