

Nobuyuki Shiina

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3283452/publications.pdf>

Version: 2024-02-01

20
papers

2,081
citations

471509

17
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

2210
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro effects on microtubule dynamics of purified <i>Xenopus</i> M phase-activated MAP kinase. <i>Nature</i> , 1991, 349, 251-254.	27.8	433
2	The dynamic behavior of the APC-binding protein EB1 on the distal ends of microtubules. <i>Current Biology</i> , 2000, 10, 865-868.	3.9	381
3	Adenomatous Polyposis Coli (APC) Protein Moves along Microtubules and Concentrates at Their Growing Ends in Epithelial Cells. <i>Journal of Cell Biology</i> , 2000, 148, 505-518.	5.2	268
4	Microtubule severing by elongation factor 1 alpha. <i>Science</i> , 1994, 266, 282-285.	12.6	239
5	Centriolar Satellites. <i>Journal of Cell Biology</i> , 1999, 147, 969-980.	5.2	239
6	A Novel RNA-Binding Protein in Neuronal RNA Granules: Regulatory Machinery for Local Translation. <i>Journal of Neuroscience</i> , 2005, 25, 4420-4434.	3.6	97
7	RNG105 Deficiency Impairs the Dendritic Localization of mRNAs for Na ⁺ /K ⁺ ATPase Subunit Isoforms and Leads to the Degeneration of Neuronal Networks. <i>Journal of Neuroscience</i> , 2010, 30, 12816-12830.	3.6	55
8	Disrupted-in-schizophrenia 1 regulates transport of ITPR1 mRNA for synaptic plasticity. <i>Nature Neuroscience</i> , 2015, 18, 698-707.	14.8	51
9	RNG105/caprin1, an RNA granule protein for dendritic mRNA localization, is essential for long-term memory formation. <i>ELife</i> , 2017, 6, .	6.0	45
10	Liquid- and solid-like RNA granules form through specific scaffold proteins and combine into biphasic granules. <i>Journal of Biological Chemistry</i> , 2019, 294, 3532-3548.	3.4	45
11	Mutations at Phosphorylation Sites of <i>Xenopus</i> Microtubule-associated Protein 4 Affect Its Microtubule-binding Ability and Chromosome Movement during Mitosis. <i>Molecular Biology of the Cell</i> , 1999, 10, 597-608.	2.1	42
12	Comprehensive behavioral analysis of RNG105 (Caprin1) heterozygous mice: Reduced social interaction and attenuated response to novelty. <i>Scientific Reports</i> , 2016, 6, 20775.	3.3	33
13	RNA Granule Protein 140 (RNG140), a Paralog of RNG105 Localized to Distinct RNA Granules in Neuronal Dendrites in the Adult Vertebrate Brain. <i>Journal of Biological Chemistry</i> , 2010, 285, 24260-24269.	3.4	30
14	Seasonal changes in NRF2 antioxidant pathway regulates winter depression-like behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9594-9603.	7.1	30
15	RNA Granule Assembly and Disassembly Modulated by Nuclear Factor Associated with Double-stranded RNA 2 and Nuclear Factor 45. <i>Journal of Biological Chemistry</i> , 2014, 289, 21163-21180.	3.4	25
16	Cataloguing and Selection of mRNAs Localized to Dendrites in Neurons and Regulated by RNA-Binding Proteins in RNA Granules. <i>Biomolecules</i> , 2020, 10, 167.	4.0	21
17	Microtubule-severing activity in M phase. <i>Trends in Cell Biology</i> , 1995, 5, 283-286.	7.9	18
18	More dynamic, more quantitative, unexpectedly intricate: Advanced understanding on synaptic RNA localization in learning and memory. <i>Neurobiology of Learning and Memory</i> , 2020, 168, 107149.	1.9	10

#	ARTICLE	IF	CITATIONS
19	Implications of RNG140 (caprin2)-mediated translational regulation in eye lens differentiation. Journal of Biological Chemistry, 2020, 295, 15029-15044.	3.4	10
20	Regulation of Microtubule Organization during Interphase and M Phase.. Cell Structure and Function, 1999, 24, 385-391.	1.1	8