

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Implications of RNG140 (caprin2)-mediated translational regulation in eye lens differentiation. <i>Journal of Biological Chemistry</i> , 2020, 295, 15029-15044. | 3.4 | 10 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 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 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Centriolar Satellites. <i>Journal of Cell Biology</i> , 1999, 147, 969-980. | 5.2 | 239 |
| 17 | Regulation of Microtubule Organization during Interphase and M Phase.. <i>Cell Structure and Function</i> , 1999, 24, 385-391. | 1.1 | 8 |
| 18 | Microtubule-severing activity in M phase. <i>Trends in Cell Biology</i> , 1995, 5, 283-286. | 7.9 | 18 |

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|----|--|------|-----------|
| 19 | Microtubule severing by elongation factor 1 alpha. Science, 1994, 266, 282-285. | 12.6 | 239 |
| 20 | In vitro effects on microtubule dynamics of purified Xenopus M phase-activated MAP kinase. Nature, 1991, 349, 251-254. | 27.8 | 433 |