

Michiko Shirane

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,022
citations

430754

18
h-index

580701

25
g-index

27
all docs

27
docs citations

27
times ranked

3561
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Molecular machinery regulating organelle dynamics during axon growth and guidance. <i>Seminars in Cell and Developmental Biology</i> , 2022, , . | 2.3 | 0 |
| 2 | Protrudin regulates FAK activation, endothelial cell migration and angiogenesis. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 220. | 2.4 | 7 |
| 3 | Protrudin-deficient mice manifest depression-like behavior with abnormalities in activity, attention, and cued fear-conditioning. <i>Molecular Brain</i> , 2020, 13, 146. | 1.3 | 8 |
| 4 | Protrudin and PDZD8 contribute to neuronal integrity by promoting lipid extraction required for endosome maturation. <i>Nature Communications</i> , 2020, 11, 4576. | 5.8 | 52 |
| 5 | Lipid Transferâ€“Dependent Endosome Maturation Mediated by Protrudin and PDZD8 in Neurons. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 615600. | 1.8 | 10 |
| 6 | Roles of protrudin at interorganelle membrane contact sites. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2019, 95, 312-320. | 1.6 | 6 |
| 7 | <scp>TMEM</scp>55B contributes to lysosomal homeostasis and amino acidâ€“induced <scp>mTORC</scp>1 activation. <i>Genes To Cells</i> , 2018, 23, 418-434. | 0.5 | 27 |
| 8 | The Autism-Related Protein CHD8 Cooperates with C/EBPÎ² to Regulate Adipogenesis. <i>Cell Reports</i> , 2018, 23, 1988-2000. | 2.9 | 22 |
| 9 | Nuclearâ€“cytoplasmic shuttling protein PP2A^{B56} contributes to mTORC1â€“dependent dephosphorylation of FOXK1. <i>Genes To Cells</i> , 2018, 23, 599-605. | 0.5 | 8 |
| 10 | SRRM4-dependent neuron-specific alternative splicing of protrudin transcripts regulates neurite outgrowth. <i>Scientific Reports</i> , 2017, 7, 41130. | 1.6 | 22 |
| 11 | Protrudin Regulates Endoplasmic Reticulum Morphology and Function Associated with the Pathogenesis of Hereditary Spastic Paraplegia. <i>Journal of Biological Chemistry</i> , 2014, 289, 12946-12961. | 1.6 | 55 |
| 12 | Role of the ANKMY2-FKBP38 Axis in Regulation of the Sonic Hedgehog (Shh) Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2014, 289, 25639-25654. | 1.6 | 15 |
| 13 | Identification and characterization of a neuronâ€“specific isoform of protrudin. <i>Genes To Cells</i> , 2014, 19, 97-111. | 0.5 | 25 |
| 14 | Selective escape of proteins from the mitochondria during mitophagy. <i>Nature Communications</i> , 2013, 4, 1410. | 5.8 | 120 |
| 15 | Protrudin serves as an adaptor molecule that connects KIF5 and its cargoes in vesicular transport during process formation. <i>Molecular Biology of the Cell</i> , 2011, 22, 4602-4620. | 0.9 | 99 |
| 16 | Promotion of Neurite Extension by Protrudin Requires Its Interaction with Vesicle-associated Membrane Protein-associated Protein. <i>Journal of Biological Chemistry</i> , 2009, 284, 13766-13777. | 1.6 | 80 |
| 17 | Regulation of apoptosis and neurite extension by FKBP38 is required for neural tube formation in the mouse. <i>Genes To Cells</i> , 2008, 13, 635-651. | 0.5 | 39 |
| 18 | Anchoring of the 26S proteasome to the organellar membrane by FKBP38. <i>Genes To Cells</i> , 2007, 12, 070606122915007-??? | 0.5 | 47 |

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|----|---|------|-----------|
| 19 | Protrudin Induces Neurite Formation by Directional Membrane Trafficking. <i>Science</i> , 2006, 314, 818-821. | 6.0 | 177 |
| 20 | Interaction of presenilins with FKBP38 promotes apoptosis by reducing mitochondrial Bcl-2. <i>Human Molecular Genetics</i> , 2005, 14, 1889-1902. | 1.4 | 82 |
| 21 | Inherent calcineurin inhibitor FKBP38 targets Bcl-2 to mitochondria and inhibits apoptosis. <i>Nature Cell Biology</i> , 2003, 5, 28-37. | 4.6 | 279 |
| 22 | Down-Regulation of p27Kip1 Expression Is Required for Development and Function of T Cells. <i>Journal of Immunology</i> , 2001, 166, 304-312. | 0.4 | 56 |
| 23 | Down-regulation of p27 by Two Mechanisms, Ubiquitin-mediated Degradation and Proteolytic Processing. <i>Journal of Biological Chemistry</i> , 1999, 274, 13886-13893. | 1.6 | 208 |
| 24 | Common Pathway for the Ubiquitination of I κ B α , I κ B β , and I κ B μ Mediated by the F-Box Protein FWD1. <i>Journal of Biological Chemistry</i> , 1999, 274, 28169-28174. | 1.6 | 80 |
| 25 | Mice Lacking p27Kip1 Display Increased Body Size, Multiple Organ Hyperplasia, Retinal Dysplasia, and Pituitary Tumors. <i>Cell</i> , 1996, 85, 707-720. | 13.5 | 1,495 |