

Avanti Gokhale

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,287
citations

516710

16
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642732

23
g-index

28
all docs

28
docs citations

28
times ranked

2352
citing authors

#	ARTICLE	IF	CITATIONS
1	BLOC-1 Brings Together the Actin and Microtubule Cytoskeletons to Generate Recycling Endosomes. <i>Current Biology</i> , 2016, 26, 1-13.	3.9	490
2	Anoctamin 1 (Tmem16A) Ca ²⁺ -activated chloride channel stoichiometrically interacts with an ezrin-radixin-moesin network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10376-10381.	7.1	111
3	Quantitative Proteomic and Genetic Analyses of the Schizophrenia Susceptibility Factor Dysbindin Identify Novel Roles of the Biogenesis of Lysosome-Related Organelles Complex 1. <i>Journal of Neuroscience</i> , 2012, 32, 3697-3711.	3.6	89
4	The schizophrenia susceptibility factor dysbindin and its associated complex sort cargoes from cell bodies to the synapse. <i>Molecular Biology of the Cell</i> , 2011, 22, 4854-4867.	2.1	74
5	Cell Biology of the BLOC-1 Complex Subunit Dysbindin, a Schizophrenia Susceptibility Gene. <i>Molecular Neurobiology</i> , 2011, 44, 53-64.	4.0	61
6	The interactome of the copper transporter ATP7A belongs to a network of neurodevelopmental and neurodegeneration factors. <i>ELife</i> , 2017, 6, .	6.0	61
7	Regulation of dynein-driven microtubule sliding by the axonemal protein kinase CK1 in <i>Chlamydomonas</i> flagella. <i>Journal of Cell Biology</i> , 2009, 186, 817-824.	5.2	40
8	Molecular basis of neurodegeneration and neurodevelopmental defects in Menkes disease. <i>Neurobiology of Disease</i> , 2015, 81, 154-161.	4.4	39
9	Systems Analysis of the 22q11.2 Microdeletion Syndrome Converges on a Mitochondrial Interactome Necessary for Synapse Function and Behavior. <i>Journal of Neuroscience</i> , 2019, 39, 1983-18.	3.6	38
10	The IDA3 adapter, required for intraflagellar transport of I1 dynein, is regulated by ciliary length. <i>Molecular Biology of the Cell</i> , 2018, 29, 886-896.	2.1	37
11	Mutations in the BLOC-1 Subunits Dysbindin and Muted Generate Divergent and Dosage-dependent Phenotypes. <i>Journal of Biological Chemistry</i> , 2014, 289, 14291-14300.	3.4	33
12	Neuronal copper homeostasis susceptibility by genetic defects in dysbindin, a schizophrenia susceptibility factor. <i>Human Molecular Genetics</i> , 2015, 24, 5512-5523.	2.9	28
13	The N-Ethylmaleimide-Sensitive Factor and Dysbindin Interact To Modulate Synaptic Plasticity. <i>Journal of Neuroscience</i> , 2015, 35, 7643-7653.	3.6	26
14	The Proteome of BLOC-1 Genetic Defects Identifies the Arp2/3 Actin Polymerization Complex to Function Downstream of the Schizophrenia Susceptibility Factor Dysbindin at the Synapse. <i>Journal of Neuroscience</i> , 2016, 36, 12393-12411.	3.6	26
15	Cdh1-APC Regulates Protein Synthesis and Stress Granules in Neurons through an FMRP-Dependent Mechanism. <i>IScience</i> , 2020, 23, 101132.	4.1	23
16	Mitochondrial Proteostasis Requires Genes Encoded in a Neurodevelopmental Syndrome Locus. <i>Journal of Neuroscience</i> , 2021, 41, 6596-6616.	3.6	18
17	Identification of the Interactome of a Palmitoylated Membrane Protein, Phosphatidylinositol 4-Kinase Type II Alpha. <i>Methods in Molecular Biology</i> , 2016, 1376, 35-42.	0.9	18
18	Golgi-Dependent Copper Homeostasis Sustains Synaptic Development and Mitochondrial Content. <i>Journal of Neuroscience</i> , 2021, 41, 215-233.	3.6	17

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19	Rare Disease Mechanisms Identified by Genealogical Proteomics of Copper Homeostasis Mutant Pedigrees. <i>Cell Systems</i> , 2018, 6, 368-380.e6.	6.2	16
20	Heterogeneous Expression of Nuclear Encoded Mitochondrial Genes Distinguishes Inhibitory and Excitatory Neurons. <i>ENeuro</i> , 2021, 8, ENEURO.0232-21.2021.	1.9	13
21	A comprehensive strategy to identify stoichiometric membrane protein interactomes. <i>Cellular Logistics</i> , 2012, 2, 189-196.	0.9	9
22	Sulfur- and phosphorus-standardized metal quantification of biological specimens using inductively coupled plasma mass spectrometry. <i>STAR Protocols</i> , 2022, 3, 101334.	1.2	7
23	Protocol for Immuno-Enrichment of FLAG-Tagged Protein Complexes. <i>STAR Protocols</i> , 2020, 1, 100083.	1.2	6