

Mintu Chandra

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

587
citations

840585

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26
all docs

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docs citations

26
times ranked

793
citing authors

#	ARTICLE	IF	CITATIONS
1	A molecular code for endosomal recycling of phosphorylated cargos by the SNX27-retromer complex. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 921-932.	3.6	131
2	Classification of the human phox homology (PX) domains based on their phosphoinositide binding specificities. <i>Nature Communications</i> , 2019, 10, 1528.	5.8	101
3	Drosophila Snazarus Regulates a Lipid Droplet Population at Plasma Membrane-Droplet Contacts in Adipocytes. <i>Developmental Cell</i> , 2019, 50, 557-572.e5.	3.1	72
4	The Phox Homology (PX) Domain. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1111, 1-17.	0.8	32
5	Sorting nexin 27 (SNX27) regulates the trafficking and activity of the glutamine transporter ASCT2. <i>Journal of Biological Chemistry</i> , 2018, 293, 6802-6811.	1.6	31
6	Toward Understanding the Molecular Role of SNX27/Retromer in Human Health and Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 642378.	1.8	29
7	Molecular Basis for Membrane Recruitment by the PX and C2 Domains of Class II Phosphoinositide 3-Kinase-C2 β . <i>Structure</i> , 2018, 26, 1612-1625.e4.	1.6	25
8	SNX27-Retromer directly binds ESCPE-1 to transfer cargo proteins during endosomal recycling. <i>PLoS Biology</i> , 2022, 20, e3001601.	2.6	24
9	Regulation of NMDA receptor trafficking and gating by activity-dependent CaMKII β phosphorylation of the GluN2A subunit. <i>Cell Reports</i> , 2021, 36, 109338.	2.9	21
10	Insights into the GTP/GDP Cycle of RabX3, a Novel GTPase from <i>Entamoeba histolytica</i> with Tandem G-Domains. <i>Biochemistry</i> , 2014, 53, 1191-1205.	1.2	17
11	Crystal Structure Analysis of Wild Type and Fast Hydrolyzing Mutant of EhRabX3, a Tandem Ras Superfamily GTPase from <i>Entamoeba histolytica</i> . <i>Journal of Molecular Biology</i> , 2016, 428, 41-51.	2.0	13
12	Opposite Surfaces of the Cdc15 F-BAR Domain Create a Membrane Platform That Coordinates Cytoskeletal and Signaling Components for Cytokinesis. <i>Cell Reports</i> , 2020, 33, 108526.	2.9	12
13	Origins of PDZ Binding Specificity. A Computational and Experimental Study Using NHERF1 and the Parathyroid Hormone Receptor. <i>Biochemistry</i> , 2017, 56, 2584-2593.	1.2	11
14	Biophysical studies on calcium and carbohydrate binding to carbohydrate recognition domain of Gal/GalNAc lectin from <i>Entamoeba histolytica</i> : insights into host cell adhesion. <i>Journal of Biochemistry</i> , 2016, 160, 177-186.	0.9	10
15	Unveiling the cryo-EM structure of retromer. <i>Biochemical Society Transactions</i> , 2020, 48, 2261-2272.	1.6	10
16	Crystallization and preliminary X-ray analysis of RabX3, a tandem GTPase from <i>Entamoeba histolytica</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 933-937.	0.4	8
17	Biochemical basis for an interaction between SNX27 and the flexible SNX1 N-terminus. <i>Advances in Biological Regulation</i> , 2022, 83, 100842.	1.4	8
18	SNT-1 Functions as the Ca ²⁺ Sensor for Tonic and Evoked Neurotransmitter Release in <i>Caenorhabditis Elegans</i> . <i>Journal of Neuroscience</i> , 2018, 38, 5313-5324.	1.7	7

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19	The Glo3 GAP crystal structure supports the molecular niche model for ArfGAPs in COPI coats. <i>Advances in Biological Regulation</i> , 2021, 79, 100781.	1.4	7
20	Deciphering the role of Atg5 in nucleotide dependent interaction of Rab33B with the dimeric complex, Atg5-Atg16L1. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 8-16.	1.0	6
21	EhC2B, a C2 domain-containing protein, promotes erythrophagocytosis in <i>Entamoeba histolytica</i> via actin nucleation. <i>PLoS Pathogens</i> , 2020, 16, e1008489.	2.1	6
22	Role of cysteine residues in the redox-regulated oligomerization and nucleotide binding to Eh RabX3. <i>Molecular and Biochemical Parasitology</i> , 2016, 208, 84-90.	0.5	3
23	Atypical Switch-I Arginine plays a catalytic role in GTP hydrolysis by Rab21 from <i>Entamoeba histolytica</i> . <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 660-667.	1.0	2