

Sumana Raychaudhuri

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,286
citations

840776

11
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1334
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural mechanism for sterol sensing and transport by OSBP-related proteins. <i>Nature</i> , 2005, 437, 154-158.	27.8	376
2	Nonvesicular sterol movement from plasma membrane to ER requires oxysterol-binding protein-related proteins and phosphoinositides. <i>Journal of Cell Biology</i> , 2006, 173, 107-119.	5.2	229
3	The Diverse Functions of Oxysterol-Binding Proteins. <i>Annual Review of Cell and Developmental Biology</i> , 2010, 26, 157-177.	9.4	200
4	Lipid-regulated sterol transfer between closely apposed membranes by oxysterol-binding protein homologues. <i>Journal of Cell Biology</i> , 2009, 187, 889-903.	5.2	196
5	Nonvesicular phospholipid transfer between peroxisomes and the endoplasmic reticulum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15785-15790.	7.1	102
6	Control of Protein and Sterol Trafficking by Antagonistic Activities of a Type IV P-type ATPase and Oxysterol Binding Protein Homologue. <i>Molecular Biology of the Cell</i> , 2009, 20, 2920-2931.	2.1	41
7	A Golgi rhomboid protease Rbd2 recruits Cdc48 to cleave yeast SREBP. <i>EMBO Journal</i> , 2016, 35, 2332-2349.	7.8	36
8	Regulation of lipid metabolism: a tale of two yeasts. <i>Current Opinion in Cell Biology</i> , 2012, 24, 502-508.	5.4	27
9	Subunit Architecture of the Golgi Dsc E3 Ligase Required for Sterol Regulatory Element-binding Protein (SREBP) Cleavage in Fission Yeast. <i>Journal of Biological Chemistry</i> , 2013, 288, 21043-21054.	3.4	27
10	Alteration in the cytosolic triacylglycerol biosynthetic machinery leads to decreased cell growth and triacylglycerol synthesis in oleaginous yeast. <i>Biochemical Journal</i> , 2002, 365, 577-589.	3.7	20
11	Cytosolic iron superoxide dismutase is a part of the triacylglycerol biosynthetic complex in oleaginous yeast. <i>Biochemical Journal</i> , 2003, 372, 587-594.	3.7	11
12	Endoplasmic Reticulum Exit of Golgi-resident Defective for SREBP Cleavage (Dsc) E3 Ligase Complex Requires Its Activity. <i>Journal of Biological Chemistry</i> , 2015, 290, 14430-14440.	3.4	8
13	Dsc E3 ligase localization to the Golgi requires the ATPase Cdc48 and cofactor Ufd1 for activation of sterol regulatory element-binding protein in fission yeast. <i>Journal of Biological Chemistry</i> , 2017, 292, 16333-16350.	3.4	6
14	Flash-and-Freeze: A Novel Technique to Capture Membrane Dynamics with Electron Microscopy. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	4
15	Nonorganellar Acyl Carrier Protein from Oleaginous Yeast Is a Homologue of Ribosomal Protein P2. <i>Journal of Biological Chemistry</i> , 2003, 278, 37648-37657.	3.4	3
16	Structure-function studies of the Golgi Dsc E3 ligase complex required for SREBP activation in yeast. <i>FASEB Journal</i> , 2013, 27, 557.2.	0.5	0