Sumana Raychaudhuri

List of Publications by Year
in descending order

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16	1,286	840776 11	996975 15
papers	citations	h-index	g-index

16	16	16	1334
all docs	docs citations	times ranked	citing authors

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