

Shirin Bahmanyar

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

707
citations

933447

10
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

945
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulated assembly of a supramolecular centrosome scaffold in vitro. <i>Science</i> , 2015, 348, 808-812.	12.6	170
2	Dynamic nanoscale morphology of the ER surveyed by STED microscopy. <i>Journal of Cell Biology</i> , 2019, 218, 83-96.	5.2	112
3	Nuclear Envelope Phosphatase 1-Regulatory Subunit 1 (Formerly TMEM188) Is the Metazoan Spo7p Ortholog and Functions in the Lipin Activation Pathway. <i>Journal of Biological Chemistry</i> , 2012, 287, 3123-3137.	3.4	86
4	Spatial control of phospholipid flux restricts endoplasmic reticulum sheet formation to allow nuclear envelope breakdown. <i>Genes and Development</i> , 2014, 28, 121-126.	5.9	75
5	Dynein pulling forces counteract lamin-mediated nuclear stability during nuclear envelope repair. <i>Molecular Biology of the Cell</i> , 2018, 29, 852-868.	2.1	50
6	Regulated lipid synthesis and LEM2/CHMP7 jointly control nuclear envelope closure. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	46
7	Lipid and protein dynamics that shape nuclear envelope identity. <i>Molecular Biology of the Cell</i> , 2020, 31, 1315-1323.	2.1	44
8	Cell cycle regulation of ER membrane biogenesis protects against chromosome missegregation. <i>Developmental Cell</i> , 2021, 56, 3364-3379.e10.	7.0	28
9	Spatial regulation of phospholipid synthesis within the nuclear envelope domain of the endoplasmic reticulum. <i>Nucleus</i> , 2015, 6, 102-106.	2.2	26
10	Coupling lipid synthesis with nuclear envelope remodeling. <i>Trends in Biochemical Sciences</i> , 2022, 47, 52-65.	7.5	25
11	Ndc1 drives nuclear pore complex assembly independent of membrane biogenesis to promote nuclear formation and growth. <i>ELife</i> , 0, 11, .	6.0	15
12	A novel small molecule that disrupts a key event during the oocyte-to-embryo transition in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2016, 143, 3540-3548.	2.5	13
13	The Inner Nuclear Membrane Takes On Lipid Metabolism. <i>Developmental Cell</i> , 2018, 47, 397-399.	7.0	5
14	The Endoplasmic Reticulum Regulates Membraneless Organelles through Contact Sites. <i>Biochemistry</i> , 2020, 59, 1716-1717.	2.5	2
15	A CTDNEP 1-Lipin 1-mTOR Regulatory Network Restricts ER Membrane Biogenesis to Enable Chromosome Motions Necessary for Mitotic Fidelity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1