Kasturi Mitra

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8961388/publications.pdf

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23	2,661	643344	759306
papers	citations	15 h-index	22 g-index

27	27	27	5484
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Serine-threonine Kinase Receptor-Associated Protein is a Critical Mediator of APC Mutationâ€“Induced Intestinal Tumorigenesis Through a Feed-Forward Mechanism. Gastroenterology, 2022, 162, 193-208.	0.6	5
2	Drp1 regulates transcription of ribosomal protein genes in embryonic hearts. Journal of Cell Science, 2022, 135, .	1.2	1
3	Strategy of Isolating â€˜Primedâ€™ Tumor Initiating Cells Based on Mitochondrial Transmembrane Potential. Bio-protocol, 2021, 11, e3945.	0.2	4
4	Fine-tuned repression of Drp1-driven mitochondrial fission primes a â€˜stem/progenitor-like stateâ€™ to support neoplastic transformation. ELife, 2021, 10, .	2.8	7
5	Interplay of mitochondrial fission-fusion with cell cycle regulation: Possible impacts on stem cell and organismal aging. Experimental Gerontology, 2020, 135, 110919.	1.2	35
6	New quantitative approach reveals heterogeneity in mitochondrial structure-function relations in tumor initiating cells. Journal of Cell Science, 2019, 132, .	1.2	25
7	Methods for assessing mitochondrial quality control mechanisms and cellular consequences in cell culture. Redox Biology, 2018, 17, 59-69.	3.9	37
8	ERK regulates mitochondrial membrane potential in fission deficient Drosophila follicle cells during differentiation. Developmental Biology, 2018, 434, 48-62.	0.9	16
9	Regulation of autophagy, mitochondrial dynamics, and cellular bioenergetics by 4-hydroxynonenal in primary neurons. Autophagy, 2017, 13, 1828-1840.	4.3	57
10	Studying Mitochondrial Structure and Function in Drosophila Ovaries. Journal of Visualized Experiments, 2017, , .	0.2	12
11	Crosstalk between the mitochondrial fission protein, Drp1, and the cell cycle is identified across various cancer types and can impact survival of epithelial ovarian cancer patients. Oncotarget, 2016, 7, 60021-60037.	0.8	65
12	Metabolic Reprogramming Is Required for Myofibroblast Contractility and Differentiation. Journal of Biological Chemistry, 2015, 290, 25427-25438.	1.6	140
13	A novel mitochondrial pool of Cyclin E, regulated by Drp1, is linked to cell density dependent cell proliferation. Journal of Cell Science, 2015, 128, 4171-82.	1.2	41
14	Mitochondrial fissionâ€fusion as an emerging key regulator of cell proliferation and differentiation. BioEssays, 2013, 35, 955-964.	1.2	126
15	Coordinated elevation of mitochondrial oxidative phosphorylation and autophagy help drive hepatocyte polarization. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7288-7293.	3.3	56
16	DRP1-dependent mitochondrial fission initiates follicle cell differentiation during Drosophila oogenesis. Journal of Cell Biology, 2012, 197, 487-497.	2.3	86
17	Analysis of Mitochondrial Dynamics and Functions Using Imaging Approaches. Current Protocols in Cell Biology, 2010, 46, Unit 4.25.1-21.	2.3	98
18	Mitochondria Supply Membranes for Autophagosome Biogenesis during Starvation. Cell, 2010, 141, 656-667.	13.5	1,200

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19	A hyperfused mitochondrial state achieved at G ₁ â€“S regulates cyclin E buildup and entry into S phase. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11960-11965.	3.3	560
20	Mammalian sperm capacitation: role of phosphotyrosine proteins. Society of Reproduction and Fertility Supplement, 2007, 63, 295-312.	0.2	5
21	Novelty of the Pyruvate Metabolic Enzyme Dihydrolipoamide Dehydrogenasein Spermatozoa. Journal of Biological Chemistry, 2005, 280, 25743-25753.	1.6	38
22	Novel Tyrosine-Phosphorylated Post-Pyruvate Metabolic Enzyme, Dihydrolipoamide Dehydrogenase, Involved in Capacitation of Hamster Spermatozoa1. Biology of Reproduction, 2004, 70, 887-899.	1.2	45
23	Mitochondria. , 0, , 137-146.		0