

Jian Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,102
citations

758635

12
h-index

713013

21
g-index

24
all docs

24
docs citations

24
times ranked

1602
citing authors

#	ARTICLE	IF	CITATIONS
1	Human MIEF1 recruits Drp1 to mitochondrial outer membranes and promotes mitochondrial fusion rather than fission. <i>EMBO Journal</i> , 2011, 30, 2762-2778.	3.5	318
2	Human Fis1 regulates mitochondrial dynamics through inhibition of the fusion machinery. <i>EMBO Journal</i> , 2019, 38, .	3.5	187
3	The mRNA export factor Dbp5 is associated with Balbiani ring mRNP from gene to cytoplasm. <i>EMBO Journal</i> , 2002, 21, 1177-1187.	3.5	101
4	Regulation of Mammalian Mitochondrial Dynamics: Opportunities and Challenges. <i>Frontiers in Endocrinology</i> , 2020, 11, 374.	1.5	97
5	Regulation of mitochondrial dynamics: convergences and divergences between yeast and vertebrates. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 951-976.	2.4	72
6	MIEF1/2 function as adaptors to recruit Drp1 to mitochondria and regulate the association of Drp1 with Mff. <i>Scientific Reports</i> , 2017, 7, 880.	1.6	64
7	The phosphorylation status of Ser-637 in dynamin-related protein 1 (Drp1) does not determine Drp1 recruitment to mitochondria. <i>Journal of Biological Chemistry</i> , 2019, 294, 17262-17277.	1.6	59
8	The novel conserved mitochondrial inner-membrane protein MTGM regulates mitochondrial morphology and cell proliferation. <i>Journal of Cell Science</i> , 2009, 122, 2252-2262.	1.2	44
9	The mitochondrial elongation factors MIEF1 and MIEF2 exert partially distinct functions in mitochondrial dynamics. <i>Experimental Cell Research</i> , 2013, 319, 2893-2904.	1.2	42
10	Reorganization and condensation of chromatin in mitotic prophase nuclei of <i>Allium cepa</i> . <i>Chromosoma</i> , 1994, 103, 432-440.	1.0	20
11	MIEF1/2 orchestrate mitochondrial dynamics through direct engagement with both the fission and fusion machineries. <i>BMC Biology</i> , 2021, 19, 229.	1.7	18
12	The fine structure of the mitotic chromosome core (scaffold) of <i>Trilophidia annulata</i> . <i>Chromosoma</i> , 1991, 100, 323-329.	1.0	17
13	The Molecular Assembly State of Drp1 Controls its Association With the Mitochondrial Recruitment Receptors Mff and MIEF1/2. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 706687.	1.8	14
14	Enrichment of branched chain amino acid transaminase 1 correlates with multiple biological processes and contributes to poor survival of IDH1 wild-type gliomas. <i>Aging</i> , 2021, 13, 3645-3660.	1.4	10
15	The infantile myofibromatosis NOTCH3 L1519P mutation leads to hyperactivated ligand-independent Notch signaling and increased PDGFRB expression. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	1.2	9
16	Identification of functionally distinct and interacting cancer cell subpopulations from glioblastoma with intratumoral genetic heterogeneity. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa061.	0.4	7
17	A novel delivery vector for targeted delivery of the antiangiogenic drug paclitaxel to angiogenic blood vessels: TLTYTWS-conjugated PEGâ€“PLA nanoparticles. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	0.8	6
18	The substructural organization of the chromosome core (scaffold) in meiotic chromosomes of <i>Trilophidia annulata</i> . <i>Genetical Research</i> , 1994, 64, 209-215.	0.3	5

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19	Glycosylation controls sodium-calcium exchanger 3 sub-cellular localization during cell cycle. European Journal of Cell Biology, 2018, 97, 190-203.	1.6	5
20	Studies on the mitotic chromosome scaffold of <i>Allium sativum</i> . Cell Research, 1995, 5, 155-164.	5.7	4
21	Identification and expression analysis of an N-terminally truncated isoform of human PDGF-C. Experimental Cell Research, 2008, 314, 2529-2543.	1.2	3
22	Morphology and behaviour of silver-stained chromatid cores in mitotic chromosomes analysed by whole mount electron microscopy. Genetical Research, 1996, 68, 1-7.	0.3	0
23	Biochemical analysis of argyrophilic nonhistone proteins in chromosomes of plant <i>Triticum aestivum</i> . Science Bulletin, 1997, 42, 1476-1481.	1.7	0
24	Novel loss-of-function variant in DENND5A impedes melanosomal cargo transport and predisposes to familial cutaneous melanoma. Genetics in Medicine, 2022, 24, 157-169.	1.1	0