

Masashi Mori

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

835
citations

840119

11
h-index

940134

16
g-index

18
all docs

18
docs citations

18
times ranked

1154
citing authors

#	ARTICLE	IF	CITATIONS
1	Akt inhibits Myt1 in the signalling pathway that leads to meiotic G2/M-phase transition. <i>Nature Cell Biology</i> , 2002, 4, 111-116.	4.6	195
2	Genome engineering uncovers 54 evolutionarily conserved and testis-enriched genes that are not required for male fertility in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7704-7710.	3.3	134
3	Bayesian Approach to MSD-Based Analysis of Particle Motion in Live Cells. <i>Biophysical Journal</i> , 2012, 103, 616-626.	0.2	117
4	A cdk1 gradient guides surface contraction waves in oocytes. <i>Nature Communications</i> , 2017, 8, 849.	5.8	76
5	Intracellular Transport by an Anchored Homogeneously Contracting F-Actin Meshwork. <i>Current Biology</i> , 2011, 21, 606-611.	1.8	67
6	An Arp2/3 Nucleated F-Actin Shell Fragments Nuclear Membranes at Nuclear Envelope Breakdown in Starfish Oocytes. <i>Current Biology</i> , 2014, 24, 1421-1428.	1.8	56
7	p90Rsk is required for G1 phase arrest in unfertilized starfish eggs. <i>Development (Cambridge)</i> , 2006, 133, 1823-1830.	1.2	37
8	Actin assembly ruptures the nuclear envelope by prying the lamina away from nuclear pores and nuclear membranes in starfish oocytes. <i>ELife</i> , 2020, 9, .	2.8	36
9	F-Actin nucleated on chromosomes coordinates their capture by microtubules in oocyte meiosis. <i>Journal of Cell Biology</i> , 2018, 217, 2661-2674.	2.3	30
10	Start of the embryonic cell cycle is dually locked in unfertilized starfish eggs. <i>Development (Cambridge)</i> , 2009, 136, 1687-1696.	1.2	23
11	Single oocyte transcriptome analysis reveals aging-associated effects influenced by life stage and calorie restriction. <i>Aging Cell</i> , 2021, 20, e13428.	3.0	22
12	RanGTP and the actin cytoskeleton keep paternal and maternal chromosomes apart during fertilization. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	15
13	Initiation of DNA replication after fertilization is regulated by p90Rsk at pre-RC/pre-IC transition in starfish eggs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5006-5011.	3.3	11
14	CRISPR/Cas9-Mediated Genome Editing Reveals Oosp Family Genes are Dispensable for Female Fertility in Mice. <i>Cells</i> , 2020, 9, 821.	1.8	9
15	Genetic mutation of <i>Frem3</i> does not cause Fraser syndrome in mice. <i>Experimental Animals</i> , 2020, 69, 104-109.	0.7	3