

Masashi Mori

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

609
citations

11
h-index

18
g-index

18
ext. papers

731
ext. citations

8.6
avg, IF

3.25
L-index

#	Paper	IF	Citations
16	Akt inhibits Myt1 in the signalling pathway that leads to meiotic G2/M-phase transition. <i>Nature Cell Biology</i> , 2002 , 4, 111-6	23.4	174
15	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, 7704-10	11.5	98
14	Bayesian approach to MSD-based analysis of particle motion in live cells. <i>Biophysical Journal</i> , 2012 , 103, 616-626	2.9	90
13	Intracellular transport by an anchored homogeneously contracting F-actin meshwork. <i>Current Biology</i> , 2011 , 21, 606-11	6.3	55
12	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	6.3	38
11	A cdk1 gradient guides surface contraction waves in oocytes. <i>Nature Communications</i> , 2017 , 8, 849	17.4	37
10	p90Rsk is required for G1 phase arrest in unfertilized starfish eggs. <i>Development (Cambridge)</i> , 2006 , 133, 1823-30	6.6	34
9	Start of the embryonic cell cycle is dually locked in unfertilized starfish eggs. <i>Development (Cambridge)</i> , 2009 , 136, 1687-96	6.6	23
8	F-Actin nucleated on chromosomes coordinates their capture by microtubules in oocyte meiosis. <i>Journal of Cell Biology</i> , 2018 , 217, 2661-2674	7.3	17
7	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,	8.9	17
6	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, 5006-11	11.5	11
5	Single-oocyte transcriptome analysis reveals aging-associated effects influenced by life stage and calorie restriction. <i>Aging Cell</i> , 2021 , 20, e13428	9.9	6
4	Genetic mutation of Frem3 does not cause Fraser syndrome in mice. <i>Experimental Animals</i> , 2020 , 69, 104-109		2
3	CRISPR/Cas9-Mediated Genome Editing Reveals Family Genes are Dispensable for Female Fertility in Mice. <i>Cells</i> , 2020 , 9,	7.9	2
2	RanGTP and the actin cytoskeleton keep paternal and maternal chromosomes apart during fertilization. <i>Journal of Cell Biology</i> , 2021 , 220,	7.3	2
1	Rupture of nuclear envelope in starfish oocytes proceeds by F-actin-driven segregation of pore-dense and pore-free membranes		1