

Ashwini Jambhekar

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,193
citations

840776

11
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

3890
citing authors

#	ARTICLE	IF	CITATIONS
1	The multiple mechanisms that regulate p53 activity and cell fate. Nature Reviews Molecular Cell Biology, 2019, 20, 199-210.	37.0	711
2	RNA m6A methylation regulates the ultraviolet-induced DNA damage response. Nature, 2017, 543, 573-576.	27.8	685
3	Roles and regulation of histone methylation in animal development. Nature Reviews Molecular Cell Biology, 2019, 20, 625-641.	37.0	324
4	Reconstitution of the mitochondrial calcium uniporter in yeast. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8985-8990.	7.1	136
5	Histone Lysine Demethylase Inhibitors. Cold Spring Harbor Perspectives in Medicine, 2017, 7, a026484.	6.2	57
6	RNA Stimulates Aurora B Kinase Activity during Mitosis. PLoS ONE, 2014, 9, e100748.	2.5	46
7	A Switch in p53 Dynamics Marks Cells That Escape from DSB-Induced Cell Cycle Arrest. Cell Reports, 2020, 32, 107995.	6.4	39
8	The MAP kinase pathway coordinates crossover designation with disassembly of synaptonemal complex proteins during meiosis. ELife, 2016, 5, e12039.	6.0	36
9	The effects of proliferation status and cell cycle phase on the responses of single cells to chemotherapy. Molecular Biology of the Cell, 2020, 31, 845-857.	2.1	29
10	Quantifying the Central Dogma in the p53 Pathway in Live Single Cells. Cell Systems, 2020, 10, 495-505.e4.	6.2	28
11	Chromatin-state barriers enforce an irreversible mammalian cell fate decision. Cell Reports, 2021, 37, 109967.	6.4	28
12	Inferring Leading Interactions in the p53/Mdm2/Mdmx Circuit through Live-Cell Imaging and Modeling. Cell Systems, 2019, 9, 548-558.e5.	6.2	16
13	Time-series transcriptomics and proteomics reveal alternative modes to decode p53 oscillations. Molecular Systems Biology, 2022, 18, e10588.	7.2	16
14	Principles, mechanisms and functions of entrainment in biological oscillators. Interface Focus, 2022, 12, 20210088.	3.0	11
15	Remodeling Your Way out of Cell Cycle. Cell, 2015, 162, 237-238.	28.9	5
16	Connecting Timescales in Biology: Can Early Dynamical Measurements Predict Long-Term Outcomes?. Trends in Cancer, 2021, 7, 301-308.	7.4	4
17	Combined epigenetic and metabolic treatments overcome differentiation blockade in acute myeloid leukemia. iScience, 2021, 24, 102651.	4.1	4
18	Preparing macrophages for the future. Science, 2021, 372, 1263-1264.	12.6	3

#	ARTICLE	IF	CITATIONS
19	Louder for longer: Myc amplifies gene expression by extended transcriptional bursting. Cell Reports, 2022, 38, 110470.	6.4	2
20	Evidence for multiple, distinct ADAR-containing complexes in <i>Xenopus laevis</i> . Rna, 2015, 21, 279-295.	3.5	1
21	Abstract 2159: Oscillating p53 temporal dynamics enable proliferative recovery of cells following DNA damage. , 2021, , .		0