

# Ashwini Jambhekar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7697519/publications.pdf>

Version: 2024-02-01

21  
papers

2,193  
citations

840119

11  
h-index

713013

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. <i>Nature Reviews Molecular Cell Biology</i> , 2019, 20, 199-210.	16.1	711
2	RNA m6A methylation regulates the ultraviolet-induced DNA damage response. <i>Nature</i> , 2017, 543, 573-576.	13.7	685
3	Roles and regulation of histone methylation in animal development. <i>Nature Reviews Molecular Cell Biology</i> , 2019, 20, 625-641.	16.1	324
4	Reconstitution of the mitochondrial calcium uniporter in yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8985-8990.	3.3	136
5	Histone Lysine Demethylase Inhibitors. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2017, 7, a026484.	2.9	57
6	RNA Stimulates Aurora B Kinase Activity during Mitosis. <i>PLoS ONE</i> , 2014, 9, e100748.	1.1	46
7	A Switch in p53 Dynamics Marks Cells That Escape from DSB-Induced Cell Cycle Arrest. <i>Cell Reports</i> , 2020, 32, 107995.	2.9	39
8	The MAP kinase pathway coordinates crossover designation with disassembly of synaptonemal complex proteins during meiosis. <i>ELife</i> , 2016, 5, e12039.	2.8	36
9	The effects of proliferation status and cell cycle phase on the responses of single cells to chemotherapy. <i>Molecular Biology of the Cell</i> , 2020, 31, 845-857.	0.9	29
10	Quantifying the Central Dogma in the p53 Pathway in Live Single Cells. <i>Cell Systems</i> , 2020, 10, 495-505.e4.	2.9	28
11	Chromatin-state barriers enforce an irreversible mammalian cell fate decision. <i>Cell Reports</i> , 2021, 37, 109967.	2.9	28
12	Inferring Leading Interactions in the p53/Mdm2/Mdmx Circuit through Live-Cell Imaging and Modeling. <i>Cell Systems</i> , 2019, 9, 548-558.e5.	2.9	16
13	Time-series transcriptomics and proteomics reveal alternative modes to decode p53 oscillations. <i>Molecular Systems Biology</i> , 2022, 18, e10588.	3.2	16
14	Principles, mechanisms and functions of entrainment in biological oscillators. <i>Interface Focus</i> , 2022, 12, 20210088.	1.5	11
15	Remodeling Your Way out of Cell Cycle. <i>Cell</i> , 2015, 162, 237-238.	13.5	5
16	Connecting Timescales in Biology: Can Early Dynamical Measurements Predict Long-Term Outcomes?. <i>Trends in Cancer</i> , 2021, 7, 301-308.	3.8	4
17	Combined epigenetic and metabolic treatments overcome differentiation blockade in acute myeloid leukemia. <i>IScience</i> , 2021, 24, 102651.	1.9	4
18	Preparing macrophages for the future. <i>Science</i> , 2021, 372, 1263-1264.	6.0	3

#	ARTICLE	IF	CITATIONS
19	Louder for longer: Myc amplifies gene expression by extended transcriptional bursting. Cell Reports, 2022, 38, 110470.	2.9	2
20	Evidence for multiple, distinct ADAR-containing complexes in <i>Xenopus laevis</i> . Rna, 2015, 21, 279-295.	1.6	1
21	Abstract 2159: Oscillating p53 temporal dynamics enable proliferative recovery of cells following DNA damage. , 2021, , .		0