

# Jason M Sheltzer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9579598/publications.pdf>

Version: 2024-02-01

26  
papers

3,184  
citations

361413

20  
h-index

580821

25  
g-index

41  
all docs

41  
docs citations

41  
times ranked

5644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Off-target toxicity is a common mechanism of action of cancer drugs undergoing clinical trials. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	418
2	Aneuploidy Drives Genomic Instability in Yeast. <i>Science</i> , 2011, 333, 1026-1030.	12.6	367
3	Cigarette Smoke Exposure and Inflammatory Signaling Increase the Expression of the SARS-CoV-2 Receptor ACE2 in the Respiratory Tract. <i>Developmental Cell</i> , 2020, 53, 514-529.e3.	7.0	346
4	Camostat mesylate inhibits SARS-CoV-2 activation by TMPRSS2-related proteases and its metabolite GBPA exerts antiviral activity. <i>EBioMedicine</i> , 2021, 65, 103255.	6.1	256
5	Transcriptional consequences of aneuploidy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12644-12649.	7.1	250
6	The aneuploidy paradox: costs and benefits of an incorrect karyotype. <i>Trends in Genetics</i> , 2011, 27, 446-453.	6.7	225
7	Single-chromosome Gains Commonly Function as Tumor Suppressors. <i>Cancer Cell</i> , 2017, 31, 240-255.	16.8	164
8	Systematic identification of mutations and copy number alterations associated with cancer patient prognosis. <i>ELife</i> , 2018, 7, .	6.0	126
9	CRISPR/Cas9 mutagenesis invalidates a putative cancer dependency targeted in on-going clinical trials. <i>ELife</i> , 2017, 6, .	6.0	105
10	Chromosomal instability accelerates the evolution of resistance to anti-cancer therapies. <i>Developmental Cell</i> , 2021, 56, 2427-2439.e4.	7.0	101
11	Aneuploidy as a promoter and suppressor of malignant growth. <i>Nature Reviews Cancer</i> , 2021, 21, 89-103.	28.4	99
12	MELK expression correlates with tumor mitotic activity but is not required for cancer growth. <i>ELife</i> , 2018, 7, .	6.0	83
13	A Transcriptional and Metabolic Signature of Primary Aneuploidy Is Present in Chromosomally Unstable Cancer Cells and Informs Clinical Prognosis. <i>Cancer Research</i> , 2013, 73, 6401-6412.	0.9	82
14	Generating Single Cellâ€Derived Knockout Clones in Mammalian Cells with CRISPR/Cas9. <i>Current Protocols in Molecular Biology</i> , 2019, 128, e100.	2.9	74
15	Micronuclei-based model system reveals functional consequences of chromothripsis in human cells. <i>ELife</i> , 2019, 8, .	6.0	67
16	Single-Chromosomal Gains Can Function as Metastasis Suppressors and Promoters in Colon Cancer. <i>Developmental Cell</i> , 2020, 52, 413-428.e6.	7.0	65
17	Increasing gender diversity in the STEM research workforce. <i>Science</i> , 2019, 366, 692-695.	12.6	52
18	Genome-wide identification and analysis of prognostic features in human cancers. <i>Cell Reports</i> , 2022, 38, 110569.	6.4	48

#	ARTICLE	IF	CITATIONS
19	Discovering and validating cancer genetic dependencies: approaches and pitfalls. <i>Nature Reviews Genetics</i> , 2020, 21, 671-682.	16.3	41
20	Mitotic entry in the presence of DNA damage is a widespread property of aneuploidy in yeast. <i>Molecular Biology of the Cell</i> , 2015, 26, 1440-1451.	2.1	36
21	Chromosomal instability and aneuploidy as causes of cancer drug resistance. <i>Trends in Cancer</i> , 2022, 8, 43-53.	7.4	27
22	Combustible and Electronic Cigarette Exposures Increase ACE2 Activity and SARS-CoV-2 Spike Binding. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 129-133.	5.6	8
23	A CRISPR Competition Assay to Identify Cancer Genetic Dependencies. <i>Bio-protocol</i> , 2020, 10, e3682.	0.4	6
24	Field-theoretic density estimation for biological sequence space with applications to 5' splice site diversity and aneuploidy in cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	4
25	Synthesis and Structure-Activity relationships of cyclin-dependent kinase 11 inhibitors based on a diaminothiazole scaffold. <i>European Journal of Medicinal Chemistry</i> , 2022, 238, 114433.	5.5	3
26	Angelika Amon (1967-2020). <i>Science</i> , 2020, 370, 1276-1276.	12.6	0