

Neil J Ganem

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

5,652
citations

394421

19
h-index

454955

30
g-index

38
all docs

38
docs citations

38
times ranked

7792
citing authors

#	ARTICLE	IF	CITATIONS
1	A mechanism linking extra centrosomes to chromosomal instability. <i>Nature</i> , 2009, 460, 278-282.	27.8	1,254
2	DNA breaks and chromosome pulverization from errors in mitosis. <i>Nature</i> , 2012, 482, 53-58.	27.8	1,051
3	Tetraploidy, aneuploidy and cancer. <i>Current Opinion in Genetics and Development</i> , 2007, 17, 157-162.	3.3	588
4	Mechanisms to suppress multipolar divisions in cancer cells with extra centrosomes. <i>Genes and Development</i> , 2008, 22, 2189-2203.	5.9	562
5	Alternative lengthening of telomeres renders cancer cells hypersensitive to ATR inhibitors. <i>Science</i> , 2015, 347, 273-277.	12.6	407
6	Cytokinesis Failure Triggers Hippo Tumor Suppressor Pathway Activation. <i>Cell</i> , 2014, 158, 833-848.	28.9	312
7	The KinI kinesin Kif2a is required for bipolar spindle assembly through a functional relationship with MCAK. <i>Journal of Cell Biology</i> , 2004, 166, 473-478.	5.2	213
8	The Kinesin-13 Proteins Kif2a, Kif2b, and Kif2c/MCAK Have Distinct Roles during Mitosis in Human Cells. <i>Molecular Biology of the Cell</i> , 2007, 18, 2970-2979.	2.1	198
9	Efficient Mitosis in Human Cells Lacking Poleward Microtubule Flux. <i>Current Biology</i> , 2005, 15, 1827-1832.	3.9	197
10	Linking abnormal mitosis to the acquisition of DNA damage. <i>Journal of Cell Biology</i> , 2012, 199, 871-881.	5.2	178
11	Limiting the Proliferation of Polyploid Cells. <i>Cell</i> , 2007, 131, 437-440.	28.9	154
12	Whole-genome doubling confers unique genetic vulnerabilities on tumour cells. <i>Nature</i> , 2021, 590, 492-497.	27.8	146
13	LATS suppresses mTORC1 activity to directly coordinate Hippo and mTORC1 pathways in growth control. <i>Nature Cell Biology</i> , 2020, 22, 246-256.	10.3	56
14	Therapeutic targeting of PGBD5-induced DNA repair dependency in pediatric solid tumors. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	48
15	Nuclear envelope rupture drives genome instability in cancer. <i>Molecular Biology of the Cell</i> , 2016, 27, 3210-3213.	2.1	44
16	Identification of the kinase STK25 as an upstream activator of LATS signaling. <i>Nature Communications</i> , 2019, 10, 1547.	12.8	39
17	Functional Roles of Poleward Microtubule Flux During Mitosis. <i>Cell Cycle</i> , 2006, 5, 481-485.	2.6	34
18	Emi1 Maintains Genomic Integrity during Zebrafish Embryogenesis and Cooperates with p53 in Tumor Suppression. <i>Molecular and Cellular Biology</i> , 2009, 29, 5911-5922.	2.3	33

#	ARTICLE	IF	CITATIONS
19	Genomic instability: Crossing pathways at the origin of structural and numerical chromosome changes. <i>Environmental and Molecular Mutagenesis</i> , 2015, 56, 563-580.	2.2	29
20	2-Cyano-3,12-dioxooleana-1,9(11)-diene-28-oic Acid Disrupts Microtubule Polymerization: A Possible Mechanism Contributing to Apoptosis. <i>Molecular Pharmacology</i> , 2006, 69, 1158-1165.	2.3	18
21	The interplay between centrosomes and the Hippo tumor suppressor pathway. <i>Chromosome Research</i> , 2016, 24, 93-104.	2.2	15
22	A genome-wide microRNA screen identifies regulators of tetraploid cell proliferation. <i>Molecular Biology of the Cell</i> , 2018, 29, 1682-1692.	2.1	13
23	Tetraploidy and tumor development. <i>Oncotarget</i> , 2014, 5, 10959-10960.	1.8	12
24	Inactivation of the Hippo tumor suppressor pathway promotes melanoma. <i>Nature Communications</i> , 2022, 13, .	12.8	10
25	STK38L kinase ablation promotes loss of cell viability in a subset of KRAS-dependent pancreatic cancer cell lines. <i>Oncotarget</i> , 2017, 8, 78556-78572.	1.8	8
26	Oncogenic BRAF induces whole-genome doubling through suppression of cytokinesis. <i>Nature Communications</i> , 2022, 13, .	12.8	7
27	Long-term Live-cell Imaging to Assess Cell Fate in Response to Paclitaxel. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	5
28	SDE2 is an essential gene required for ribosome biogenesis and the regulation of alternative splicing. <i>Nucleic Acids Research</i> , 2021, 49, 9424-9443.	14.5	5
29	Generation and Purification of Tetraploid Cells. <i>Methods in Molecular Biology</i> , 2016, 1413, 393-401.	0.9	4
30	CRISPR-Mediated Approaches to Regulate YAP/TAZ Levels. <i>Methods in Molecular Biology</i> , 2019, 1893, 203-214.	0.9	0