

# Peter Ly

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1891030/publications.pdf>

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21  
papers

2,590  
citations

516710

16  
h-index

677142

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

4652  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromosomal instability drives metastasis through a cytosolic DNA response. <i>Nature</i> , 2018, 553, 467-472.	27.8	1,002
2	Chromothripsis drives the evolution of gene amplification in cancer. <i>Nature</i> , 2021, 591, 137-141.	27.8	228
3	DNA Sequence-Specific Binding of CENP-B Enhances the Fidelity of Human Centromere Function. <i>Developmental Cell</i> , 2015, 33, 314-327.	7.0	207
4	Selective Y centromere inactivation triggers chromosome shattering in micronuclei and repair by non-homologous end joining. <i>Nature Cell Biology</i> , 2017, 19, 68-75.	10.3	207
5	Rebuilding Chromosomes After Catastrophe: Emerging Mechanisms of Chromothripsis. <i>Trends in Cell Biology</i> , 2017, 27, 917-930.	7.9	162
6	Chromosome segregation errors generate a diverse spectrum of simple and complex genomic rearrangements. <i>Nature Genetics</i> , 2019, 51, 705-715.	21.4	145
7	Targeting of Nrf2 induces DNA damage signaling and protects colonic epithelial cells from ionizing radiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E2949-55.	7.1	133
8	MYC Is a Major Determinant of Mitotic Cell Fate. <i>Cancer Cell</i> , 2015, 28, 129-140.	16.8	110
9	CENP-A Is Dispensable for Mitotic Centromere Function after Initial Centromere/Kinetochores Assembly. <i>Cell Reports</i> , 2016, 17, 2394-2404.	6.4	89
10	Cavin-3 dictates the balance between ERK and Akt signaling. <i>ELife</i> , 2013, 2, e00905.	6.0	68
11	TRIP13 and APC15 drive mitotic exit by turnover of interphase- and unattached kinetochore-produced MCC. <i>Nature Communications</i> , 2018, 9, 4354.	12.8	39
12	Characterization of Aneuploid Populations with Trisomy 7 and 20 Derived from Diploid Human Colonic Epithelial Cells. <i>Neoplasia</i> , 2011, 13, 348-IN17.	5.3	34
13	Functional Parsing of Driver Mutations in the Colorectal Cancer Genome Reveals Numerous Suppressors of Anchorage-Independent Growth. <i>Cancer Research</i> , 2011, 71, 4359-4365.	0.9	27
14	A PoleP286R mouse model of endometrial cancer recapitulates high mutational burden and immunotherapy response. <i>JCI Insight</i> , 2020, 5, .	5.0	25
15	Aneuploid human colonic epithelial cells are sensitive to AICAR-induced growth inhibition through EGFR degradation. <i>Oncogene</i> , 2013, 32, 3139-3146.	5.9	24
16	Mechanistic origins of diverse genome rearrangements in cancer. <i>Seminars in Cell and Developmental Biology</i> , 2022, 123, 100-109.	5.0	19
17	Cellular and genomic approaches for exploring structural chromosomal rearrangements. <i>Chromosome Research</i> , 2020, 28, 19-30.	2.2	17
18	Mitigation of Radiation-Induced Damage by Targeting EGFR in Noncancerous Human Epithelial Cells. <i>Radiation Research</i> , 2013, 180, 259.	1.5	13

#	ARTICLE	IF	CITATIONS
19	Interrogating cell division errors using random and chromosome-specific missegregation approaches. <i>Cell Cycle</i> , 2017, 16, 1252-1258.	2.6	11
20	Restoration of DNA repair mitigates genome instability and increases productivity of Chinese hamster ovary cells. <i>Biotechnology and Bioengineering</i> , 2022, 119, 963-982.	3.3	11
21	RNAi screening of the human colorectal cancer genome identifies multifunctional tumor suppressors regulating epithelial cell invasion. <i>Cell Research</i> , 2012, 22, 1605-1608.	12.0	7