Uri Ben-David

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1004284/publications.pdf

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47	6,903	136950 32	214800 47
papers	citations	h-index	g-index

58	58	58	11623
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The tumorigenicity of human embryonic and induced pluripotent stem cells. Nature Reviews Cancer, 2011, 11, 268-277.	28.4	785
2	Identification and Classification of Chromosomal Aberrations in Human Induced Pluripotent Stem Cells. Cell Stem Cell, 2010, 7, 521-531.	11.1	695
3	Genetic and transcriptional evolution alters cancer cell line drug response. Nature, 2018, 560, 325-330.	27.8	662
4	Patient-derived xenografts undergo mouse-specific tumor evolution. Nature Genetics, 2017, 49, 1567-1575.	21.4	546
5	Genomic Copy Number Dictates a Gene-Independent Cell Response to CRISPR/Cas9 Targeting. Cancer Discovery, 2016, 6, 914-929.	9.4	485
6	Discovering the anticancer potential of non-oncology drugs by systematic viability profiling. Nature Cancer, 2020, 1, 235-248.	13.2	430
7	Context is everything: aneuploidy in cancer. Nature Reviews Genetics, 2020, 21, 44-62.	16.3	407
8	Selective Elimination of Human Pluripotent Stem Cells by an Oleate Synthesis Inhibitor Discovered in a High-Throughput Screen. Cell Stem Cell, 2013, 12, 167-179.	11.1	277
9	Large-Scale Analysis Reveals Acquisition of Lineage-Specific Chromosomal Aberrations in Human Adult Stem Cells. Cell Stem Cell, 2011, 9, 97-102.	11.1	218
10	Assessing the Safety of Stem Cell Therapeutics. Cell Stem Cell, 2011, 8, 618-628.	11.1	205
11	Cas9 activates the p53 pathway and selects for p53-inactivating mutations. Nature Genetics, 2020, 52, 662-668.	21.4	168
12	Genomic evolution of cancer models: perils and opportunities. Nature Reviews Cancer, 2019, 19, 97-109.	28.4	158
13	Genome maintenance in pluripotent stem cells. Journal of Cell Biology, 2014, 204, 153-163.	5.2	157
14	Aneuploidy induces profound changes in gene expression, proliferation and tumorigenicity of human pluripotent stem cells. Nature Communications, 2014, 5, 4825.	12.8	148
15	Aneuploidy renders cancer cells vulnerable to mitotic checkpoint inhibition. Nature, 2021, 590, 486-491.	27.8	135
16	Immunologic and chemical targeting of the tight-junction protein Claudin-6 eliminates tumorigenic human pluripotent stem cells. Nature Communications, 2013, 4, 1992.	12.8	132
17	Genomic Instability in Human Pluripotent Stem Cells Arises from Replicative Stress and Chromosome Condensation Defects. Cell Stem Cell, 2016, 18, 253-261.	11.1	106
18	Concise Review: Workshop Review: Understanding and Assessing the Risks of Stem Cell-Based Therapies. Stem Cells Translational Medicine, 2015, 4, 389-400.	3.3	98

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19	Landscape of Genomic Alterations in Pituitary Adenomas. Clinical Cancer Research, 2017, 23, 1841-1851.	7.0	94
20	Gene copy-number changes and chromosomal instability induced by aneuploidy confer resistance to chemotherapy. Developmental Cell, 2021, 56, 2440-2454.e6.	7.0	87
21	Frequent aneuploidy in primary human T cells after CRISPRâ€“Cas9 cleavage. Nature Biotechnology, 2022, 40, 1807-1813.	17.5	81
22	Report of the Key Opinion Leaders Meeting on Stem Cell-derived Beta Cells. Transplantation, 2018, 102, 1223-1229.	1.0	72
23	Expanding the Boundaries of Embryonic Stem Cells. Cell Stem Cell, 2012, 10, 666-677.	11.1	58
24	High Prevalence of Evolutionarily Conserved and Species-Specific Genomic Aberrations in Mouse Pluripotent Stem Cells. Stem Cells, 2012, 30, 612-622.	3.2	48
25	Chemical ablation of tumor-initiating human pluripotent stem cells. Nature Protocols, 2014, 9, 729-740.	12.0	46
26	Virtual karyotyping of pluripotent stem cells on the basis of their global gene expression profiles. Nature Protocols, 2013, 8, 989-997.	12.0	44
27	The landscape of chromosomal aberrations in breast cancer mouse models reveals driver-specific routes to tumorigenesis. Nature Communications, 2016, 7, 12160.	12.8	43
28	Aneuploidy increases resistance to chemotherapeutics by antagonizing cell division. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30566-30576.	7.1	43
29	Genetic instability in human induced pluripotent stem cells: Classification of causes and possible safeguards. Cell Cycle, 2010, 9, 4603-4604.	2.6	42
30	Aneuploid senescent cells activate NFâ€ºB to promote their immune clearance by NK cells. EMBO Reports, 2021, 22, e52032.	4.5	42
31	SMRT compounds abrogate cellular phenotypes of ataxia telangiectasia in neural derivatives of patient-specific hiPSCs. Nature Communications, 2013, 4, 1824.	12.8	33
32	Significant Acquisition of Chromosomal Aberrations in Human Adult Mesenchymal Stem Cells: Response to SensebÃ© etÂal.. Cell Stem Cell, 2012, 10, 10-11.	11.1	32
33	Somatic loss of WWOX is associated with TP53 perturbation in basal-like breast cancer. Cell Death and Disease, 2018, 9, 832.	6.3	26
34	Whole-Genome Duplication Shapes the Aneuploidy Landscape of Human Cancers. Cancer Research, 2022, 82, 1736-1752.	0.9	25
35	Virtual Karyotyping Reveals Greater Chromosomal Stability in Neural Cells Derived by Transdifferentiation than Those from Stem Cells. Cell Stem Cell, 2014, 15, 687-691.	11.1	24
36	Genomic instability, driver genes and cell selection: Projections from cancer to stem cells. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 427-435.	1.9	20

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37	Brief Reports: Controlling the Survival of Human Pluripotent Stem Cells by Small Molecule-Based Targeting of Topoisomerase II Alpha. Stem Cells, 2015, 33, 1013-1019.	3.2	15
38	Elimination of undifferentiated cancer cells by pluripotent stem cell inhibitors. Journal of Molecular Cell Biology, 2014, 6, 267-269.	3.3	12
39	FOXM1 repression increases mitotic death upon antimitotic chemotherapy through BMF upregulation. Cell Death and Disease, 2021, 12, 542.	6.3	10
40	DNA-based copy number analysis confirms genomic evolution of PDX models. Npj Precision Oncology, 2022, 6, 30.	5.4	10
41	New Balance in Pluripotency: Reprogramming with Lineage Specifiers. Cell, 2013, 153, 939-940.	28.9	9
42	Elevated expression of <scp>ACE2</scp> in tumorâ€adjacent normal tissues of cancer patients. International Journal of Cancer, 2020, 147, 3264-3266.	5.1	9
43	Analyzing the genomic integrity of stem cells. Stembook, 2014, , .	0.3	4
44	Flowing through the CRISPR-CAScade: Will genome editing boost cell therapies?. Molecular and Cellular Therapies, 2013, 1, 3.	0.2	2
45	Relevance of aneuploidy for cancer therapies targeting the spindle assembly checkpoint and KIF18A. Molecular and Cellular Oncology, 2021, 8, 1915075.	0.7	2
46	Genome doubling causes double trouble. Nature, 2022, 604, 44-45.	27.8	1
47	Adding to the CASeload: unwarranted p53 signaling induced by Cas9. Molecular and Cellular Oncology, 2020, 7, 1789419.	0.7	0