

Matan Hofree

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

8,725
citations

236612

25
h-index

414034

32
g-index

40
all docs

40
docs citations

40
times ranked

19186
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Genomic Characterization of Papillary Thyroid Carcinoma. <i>Cell</i> , 2014, 159, 676-690.	13.5	2,318
2	Massively parallel single-nucleus RNA-seq with DroNc-seq. <i>Nature Methods</i> , 2017, 14, 955-958.	9.0	859
3	Intra- and Inter-cellular Rewiring of the Human Colon during Ulcerative Colitis. <i>Cell</i> , 2019, 178, 714-730.e22.	13.5	806
4	Network-based stratification of tumor mutations. <i>Nature Methods</i> , 2013, 10, 1108-1115.	9.0	698
5	A Cellular Taxonomy of the Bone Marrow Stroma in Homeostasis and Leukemia. <i>Cell</i> , 2019, 177, 1915-1932.e16.	13.5	640
6	Exome Sequencing Links Corticospinal Motor Neuron Disease to Common Neurodegenerative Disorders. <i>Science</i> , 2014, 343, 506-511.	6.0	466
7	The neuropeptide NMU amplifies ILC2-driven allergic lung inflammation. <i>Nature</i> , 2017, 549, 351-356.	13.7	460
8	A single-cell and single-nucleus RNA-Seq toolbox for fresh and frozen human tumors. <i>Nature Medicine</i> , 2020, 26, 792-802.	15.2	381
9	Anatomically and Functionally Distinct Lung Mesenchymal Populations Marked by Lgr5 and Lgr6. <i>Cell</i> , 2017, 170, 1149-1163.e12.	13.5	304
10	A Decade of Systems Biology. <i>Annual Review of Cell and Developmental Biology</i> , 2010, 26, 721-744.	4.0	277
11	Spatially organized multicellular immune hubs in human colorectal cancer. <i>Cell</i> , 2021, 184, 4734-4752.e20.	13.5	256
12	Regenerative potential of prostate luminal cells revealed by single-cell analysis. <i>Science</i> , 2020, 368, 497-505.	6.0	165
13	Inactivation of Capicua drives cancer metastasis. <i>Nature Genetics</i> , 2017, 49, 87-96.	9.4	130
14	Genotype to phenotype via network analysis. <i>Current Opinion in Genetics and Development</i> , 2013, 23, 611-621.	1.5	126
15	Multi-tiered genomic analysis of head and neck cancer ties TP53 mutation to 3p loss. <i>Nature Genetics</i> , 2014, 46, 939-943.	9.4	126
16	Interaction Landscape of Inherited Polymorphisms with Somatic Events in Cancer. <i>Cancer Discovery</i> , 2017, 7, 410-423.	7.7	121
17	Exome Sequencing of African-American Prostate Cancer Reveals Loss-of-Function <i>ERF</i> Mutations. <i>Cancer Discovery</i> , 2017, 7, 973-983.	7.7	94
18	Using Functional Signature Ontology (FUSION) to Identify Mechanisms of Action for Natural Products. <i>Science Signaling</i> , 2013, 6, ra90.	1.6	66

#	ARTICLE	IF	CITATIONS
19	Functional genome-wide siRNA screen identifies KIAA0586 as mutated in Joubert syndrome. <i>ELife</i> , 2015, 4, e06602.	2.8	64
20	Intrinsic Resistance to Immune Checkpoint Blockade in a Mismatch Repair-Deficient Colorectal Cancer. <i>Cancer Immunology Research</i> , 2019, 7, 1230-1236.	1.6	59
21	A Distinct Transcriptional Program in Human CAR T Cells Bearing the 4-1BB Signaling Domain Revealed by scRNA-Seq. <i>Molecular Therapy</i> , 2020, 28, 2577-2592.	3.7	58
22	RepTar: a database of predicted cellular targets of host and viral miRNAs. <i>Nucleic Acids Research</i> , 2011, 39, D188-D194.	6.5	45
23	Genome Wide Proteomics of ERBB2 and EGFR and Other Oncogenic Pathways in Inflammatory Breast Cancer. <i>Journal of Proteome Research</i> , 2013, 12, 2805-2817.	1.8	38
24	Network-driven plasma proteomics expose molecular changes in the Alzheimer's brain. <i>Molecular Neurodegeneration</i> , 2016, 11, 31.	4.4	34
25	Challenges in identifying cancer genes by analysis of exome sequencing data. <i>Nature Communications</i> , 2016, 7, 12096.	5.8	34
26	Rapid CLIP dissociation from MHC II promotes an unusual antigen presentation pathway in autoimmunity. <i>Journal of Experimental Medicine</i> , 2018, 215, 2617-2635.	4.2	20
27	Implications of Intratumor Heterogeneity on Consensus Molecular Subtype (CMS) in Colorectal Cancer. <i>Cancers</i> , 2021, 13, 4923.	1.7	19
28	Synthetic Essentiality of Metabolic Regulator PDHK1 in PTEN-Deficient Cells and Cancers. <i>Cell Reports</i> , 2019, 28, 2317-2330.e8.	2.9	12
29	Integrated Proteomic and Genomic Analysis of Gastric Cancer Patient Tissues. <i>Journal of Proteome Research</i> , 2015, 14, 4995-5006.	1.8	7
30	Identifying mutation specific cancer pathways using a structurally resolved protein interaction network. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2015, , 84-95.	0.7	7
31	IDENTIFYING MUTATION SPECIFIC CANCER PATHWAYS USING A STRUCTURALLY RESOLVED PROTEIN INTERACTION NETWORK. , 2014, , .		3
32	DroNc-seq step-by-step. <i>Protocol Exchange</i> , 0, , .	0.3	1
33	A platinum-resistant subtype of high-grade serous ovarian cancer identified by a network of somatic mutations.. <i>Journal of Clinical Oncology</i> , 2017, 35, 5561-5561.	0.8	0