

Mahmoud Mahdi Ghandi

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

17,348
citations

218677

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315739

38
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46
all docs

46
docs citations

46
times ranked

32786
citing authors

#	ARTICLE	IF	CITATIONS
1	The Molecular Signatures Database Hallmark Gene Set Collection. <i>Cell Systems</i> , 2015, 1, 417-425.	6.2	7,719
2	Next-generation characterization of the Cancer Cell Line Encyclopedia. <i>Nature</i> , 2019, 569, 503-508.	27.8	2,149
3	Defining a Cancer Dependency Map. <i>Cell</i> , 2017, 170, 564-576.e16.	28.9	1,794
4	Punctuated Evolution of Prostate Cancer Genomes. <i>Cell</i> , 2013, 153, 666-677.	28.9	1,107
5	Genetic and transcriptional evolution alters cancer cell line drug response. <i>Nature</i> , 2018, 560, 325-330.	27.8	662
6	Quantitative Proteomics of the Cancer Cell Line Encyclopedia. <i>Cell</i> , 2020, 180, 387-402.e16.	28.9	596
7	Enhanced Regulatory Sequence Prediction Using Gapped k-mer Features. <i>PLoS Computational Biology</i> , 2014, 10, e1003711.	3.2	426
8	Pharmacogenomic agreement between two cancer cell line data sets. <i>Nature</i> , 2015, 528, 84-87.	27.8	358
9	The landscape of cancer cell line metabolism. <i>Nature Medicine</i> , 2019, 25, 850-860.	30.7	350
10	ARID1B is a specific vulnerability in ARID1A-mutant cancers. <i>Nature Medicine</i> , 2014, 20, 251-254.	30.7	336
11	Locally Disordered Methylation Forms the Basis of Intratumor Methylome Variation in Chronic Lymphocytic Leukemia. <i>Cancer Cell</i> , 2014, 26, 813-825.	16.8	323
12	WRN helicase is a synthetic lethal target in microsatellite unstable cancers. <i>Nature</i> , 2019, 568, 551-556.	27.8	253
13	gkmSVM: an R package for gapped-kmer SVM. <i>Bioinformatics</i> , 2016, 32, 2205-2207.	4.1	155
14	Distinct Classes of Complex Structural Variation Uncovered across Thousands of Cancer Genome Graphs. <i>Cell</i> , 2020, 183, 197-210.e32.	28.9	141
15	Pediatric-type nodal follicular lymphoma: a biologically distinct lymphoma with frequent MAPK pathway mutations. <i>Blood</i> , 2016, 128, 1093-1100.	1.4	126
16	Systematic Functional Characterization of Resistance to PI3K Inhibition in Breast Cancer. <i>Cancer Discovery</i> , 2016, 6, 1134-1147.	9.4	106
17	Multiplexed single-cell transcriptional response profiling to define cancer vulnerabilities and therapeutic mechanism of action. <i>Nature Communications</i> , 2020, 11, 4296.	12.8	98
18	ERK Mutations Confer Resistance to Mitogen-Activated Protein Kinase Pathway Inhibitors. <i>Cancer Research</i> , 2014, 74, 7079-7089.	0.9	90

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19	Targetable vulnerabilities in T- and NK-cell lymphomas identified through preclinical models. Nature Communications, 2018, 9, 2024.	12.8	80
20	Characterizing genomic alterations in cancer by complementary functional associations. Nature Biotechnology, 2016, 34, 539-546.	17.5	78
21	Allele-Specific DNA Methylation and Its Interplay with Repressive Histone Marks at Promoter-Mutant TERT Genes. Cell Reports, 2017, 21, 3700-3707.	6.4	68
22	DNA methyltransferase inhibition overcomes diphthamide pathway deficiencies underlying CD123-targeted treatment resistance. Journal of Clinical Investigation, 2019, 129, 5005-5019.	8.2	59
23	Suppression of 19S proteasome subunits marks emergence of an altered cell state in diverse cancers. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 382-387.	7.1	47
24	Robust k-mer frequency estimation using gapped k-mers. Journal of Mathematical Biology, 2014, 69, 469-500.	1.9	44
25	Sex-Biased ZRSR2 Mutations in Myeloid Malignancies Impair Plasmacytoid Dendritic Cell Activation and Apoptosis. Cancer Discovery, 2022, 12, 522-541.	9.4	44
26	Decomposing Oncogenic Transcriptional Signatures to Generate Maps of Divergent Cellular States. Cell Systems, 2017, 5, 105-118.e9.	6.2	40
27	Small-Molecule and CRISPR Screening Converge to Reveal Receptor Tyrosine Kinase Dependencies in Pediatric Rhabdoid Tumors. Cell Reports, 2019, 28, 2331-2344.e8.	6.4	24
28	Resistance to SL-401 in AML and BPDCN Is Associated with Loss of the Diphthamide Synthesis Pathway Enzyme DPH1 and Is Reversible By Azacitidine. Blood, 2017, 130, 797-797.	1.4	13
29	A mechanistic study on the effect of dexamethasone in moderating cell death in Chinese Hamster Ovary cell cultures. Biotechnology Progress, 2012, 28, 490-496.	2.6	9
30	Integrated evaluation of telomerase activation and telomere maintenance across cancer cell lines. ELife, 2021, 10, .	6.0	8
31	A tool for feature extraction from biological sequences. Briefings in Bioinformatics, 2022, 23, .	6.5	6
32	Some nonlinear/adaptive methods for fast recovery of the missing samples of signals. Signal Processing, 2008, 88, 624-638.	3.7	5
33	Blastic Plasmacytoid Dendritic Cell Neoplasm (BPDCN) Harbors Frequent Splicesome Mutations That Cause Aberrant RNA Splicing Affecting Genes Critical in pDC Differentiation and Function. Blood, 2016, 128, 738-738.	1.4	5
34	Group Normalization for Genomic Data. PLoS ONE, 2012, 7, e38695.	2.5	4
35	Increased Local Disorder of DNA Methylation Forms the Basis of High Intra-Leukemic Epigenetic Heterogeneity and Enhances CLL Evolution. Blood, 2013, 122, 596-596.	1.4	4
36	A novel context modeling scheme for motion vectors context-based arithmetic coding. , 0, , .		2

#	ARTICLE	IF	CITATIONS
37	Abstract LB-126: ARID1B is a specific vulnerability in ARID1A-mutant cancers. Cancer Research, 2014, 74, LB-126-LB-126.	0.9	2
38	Multiple wavelet denoising for embolic signal enhancement. , 2007, , .		1
39	A nonlinear acceleration method for iterative algorithms. Signal Processing, 2020, 168, 107346.	3.7	1
40	Blastic Plasmacytoid Dendritic Cell Neoplasm (BPDCN) Patient-Derived Xenografts Are Faithful Genomic and Phenotypic Models of Primary Leukemia and Respond to the IL3 Receptor Targeting Agent SL-401 In Vivo. Blood, 2015, 126, 3797-3797.	1.4	1
41	Bit-rate reduction of MPEG compressed video. , 0, , .		0
42	Abstract PR02: Identification of ERK1/2 mutations that confer resistance to MAPK pathway inhibitors. , 2015, , .		0