

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

26
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315739

38
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46
all docs

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docs citations

46
times ranked

32786
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex-Biased <i>ZRSR2</i> Mutations in Myeloid Malignancies Impair Plasmacytoid Dendritic Cell Activation and Apoptosis. <i>Cancer Discovery</i> , 2022, 12, 522-541.	9.4	44
2	A tool for feature extraction from biological sequences. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	6
3	Integrated evaluation of telomerase activation and telomere maintenance across cancer cell lines. <i>ELife</i> , 2021, 10, .	6.0	8
4	A nonlinear acceleration method for iterative algorithms. <i>Signal Processing</i> , 2020, 168, 107346.	3.7	1
5	Distinct Classes of Complex Structural Variation Uncovered across Thousands of Cancer Genome Graphs. <i>Cell</i> , 2020, 183, 197-210.e32.	28.9	141
6	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
7	Quantitative Proteomics of the Cancer Cell Line Encyclopedia. <i>Cell</i> , 2020, 180, 387-402.e16.	28.9	596
8	Small-Molecule and CRISPR Screening Converge to Reveal Receptor Tyrosine Kinase Dependencies in Pediatric Rhabdoid Tumors. <i>Cell Reports</i> , 2019, 28, 2331-2344.e8.	6.4	24
9	Next-generation characterization of the Cancer Cell Line Encyclopedia. <i>Nature</i> , 2019, 569, 503-508.	27.8	2,149
10	The landscape of cancer cell line metabolism. <i>Nature Medicine</i> , 2019, 25, 850-860.	30.7	350
11	WRN helicase is a synthetic lethal target in microsatellite unstable cancers. <i>Nature</i> , 2019, 568, 551-556.	27.8	253
12	DNA methyltransferase inhibition overcomes diphthamide pathway deficiencies underlying CD123-targeted treatment resistance. <i>Journal of Clinical Investigation</i> , 2019, 129, 5005-5019.	8.2	59
13	Targetable vulnerabilities in T- and NK-cell lymphomas identified through preclinical models. <i>Nature Communications</i> , 2018, 9, 2024.	12.8	80
14	Genetic and transcriptional evolution alters cancer cell line drug response. <i>Nature</i> , 2018, 560, 325-330.	27.8	662
15	Suppression of 19S proteasome subunits marks emergence of an altered cell state in diverse cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 382-387.	7.1	47
16	Decomposing Oncogenic Transcriptional Signatures to Generate Maps of Divergent Cellular States. <i>Cell Systems</i> , 2017, 5, 105-118.e9.	6.2	40
17	Defining a Cancer Dependency Map. <i>Cell</i> , 2017, 170, 564-576.e16.	28.9	1,794
18	Allele-Specific DNA Methylation and Its Interplay with Repressive Histone Marks at Promoter-Mutant TERT Genes. <i>Cell Reports</i> , 2017, 21, 3700-3707.	6.4	68

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19	Resistance to SL-401 in AML and BPDCN Is Associated with Loss of the Diphthamide Synthesis Pathway Enzyme DPH1 and Is Reversible By Azacitidine. <i>Blood</i> , 2017, 130, 797-797.	1.4	13
20	Characterizing genomic alterations in cancer by complementary functional associations. <i>Nature Biotechnology</i> , 2016, 34, 539-546.	17.5	78
21	gkmSVM: an R package for gapped-kmer SVM. <i>Bioinformatics</i> , 2016, 32, 2205-2207.	4.1	155
22	Pediatric-type nodal follicular lymphoma: a biologically distinct lymphoma with frequent MAPK pathway mutations. <i>Blood</i> , 2016, 128, 1093-1100.	1.4	126
23	Systematic Functional Characterization of Resistance to PI3K Inhibition in Breast Cancer. <i>Cancer Discovery</i> , 2016, 6, 1134-1147.	9.4	106
24	Blastic Plasmacytoid Dendritic Cell Neoplasm (BPDCN) Harbors Frequent Splicesome Mutations That Cause Aberrant RNA Splicing Affecting Genes Critical in pDC Differentiation and Function. <i>Blood</i> , 2016, 128, 738-738.	1.4	5
25	The Molecular Signatures Database Hallmark Gene Set Collection. <i>Cell Systems</i> , 2015, 1, 417-425.	6.2	7,719
26	Pharmacogenomic agreement between two cancer cell line data sets. <i>Nature</i> , 2015, 528, 84-87.	27.8	358
27	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. <i>Blood</i> , 2015, 126, 3797-3797.	1.4	1
28	Abstract PR02: Identification of ERK1/2 mutations that confer resistance to MAPK pathway inhibitors. , 2015, , .		0
29	Enhanced Regulatory Sequence Prediction Using Gapped k-mer Features. <i>PLoS Computational Biology</i> , 2014, 10, e1003711.	3.2	426
30	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
31	ARID1B is a specific vulnerability in ARID1A-mutant cancers. <i>Nature Medicine</i> , 2014, 20, 251-254.	30.7	336
32	ERK Mutations Confer Resistance to Mitogen-Activated Protein Kinase Pathway Inhibitors. <i>Cancer Research</i> , 2014, 74, 7079-7089.	0.9	90
33	Robust k-mer frequency estimation using gapped k-mers. <i>Journal of Mathematical Biology</i> , 2014, 69, 469-500.	1.9	44
34	Abstract LB-126: ARID1B is a specific vulnerability in ARID1A-mutant cancers. <i>Cancer Research</i> , 2014, 74, LB-126-LB-126.	0.9	2
35	Punctuated Evolution of Prostate Cancer Genomes. <i>Cell</i> , 2013, 153, 666-677.	28.9	1,107
36	Increased Local Disorder of DNA Methylation Forms the Basis of High Intra-Leukemic Epigenetic Heterogeneity and Enhances CLL Evolution. <i>Blood</i> , 2013, 122, 596-596.	1.4	4

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37	Group Normalization for Genomic Data. PLoS ONE, 2012, 7, e38695.	2.5	4
38	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
39	Some nonlinear/adaptive methods for fast recovery of the missing samples of signals. Signal Processing, 2008, 88, 624-638.	3.7	5
40	Multiple wavelet denoising for embolic signal enhancement. , 2007, , .		1
41	Bit-rate reduction of MPEG compressed video. , 0, , .		0
42	A novel context modeling scheme for motion vectors context-based arithmetic coding. , 0, , .		2