

Frederik Otzen Bagger

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

4,612
citations

331259

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docs citations

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times ranked

12299
citing authors

#	ARTICLE	IF	CITATIONS
1	Interpretable Autoencoders Trained on Single Cell Sequencing Data Can Transfer Directly to Data from Unseen Tissues. <i>Cells</i> , 2022, 11, 85.	1.8	3
2	H3K9 dimethylation safeguards cancer cells against activation of the interferon pathway. <i>Science Advances</i> , 2022, 8, eabf8627.	4.7	10
3	Unveiling mRNP composition by fluorescence correlation and cross-correlation spectroscopy using cell lysates. <i>Nucleic Acids Research</i> , 2021, 49, e119-e119.	6.5	3
4	Dissecting GATA1 Protein Interactions in Normal and Malignant Human Erythroblasts. <i>Blood</i> , 2021, 138, 3293-3293.	0.6	0
5	Modeling the Cellular Origin of EVI1 + MLL-AF9-Driven Acute Myeloid Leukemia (AML). <i>Blood</i> , 2021, 138, 2210-2210.	0.6	0
6	A Comparison of Tools for Copy-Number Variation Detection in Germline Whole Exome and Whole Genome Sequencing Data. <i>Cancers</i> , 2021, 13, 6283.	1.7	31
7	Identification and validation of 174 COVID-19 vaccine candidate epitopes reveals low performance of common epitope prediction tools. <i>Scientific Reports</i> , 2020, 10, 20465.	1.6	66
8	Human erythroleukemia genetics and transcriptomes identify master transcription factors as functional disease drivers. <i>Blood</i> , 2020, 136, 698-714.	0.6	28
9	Nuclear interacting SET domain protein 1 inactivation impairs GATA1-regulated erythroid differentiation and causes erythroleukemia. <i>Nature Communications</i> , 2020, 11, 2807.	5.8	18
10	Single Cell Sequencing in Cancer Diagnostics. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1255, 175-193.	0.8	9
11	Deconvolution of autoencoders to learn biological regulatory modules from single cell mRNA sequencing data. <i>BMC Bioinformatics</i> , 2019, 20, 379.	1.2	22
12	Single mRNA Analysis Reveals that Small Cytoplasmic mRNA Granules Represent mRNA Singletons. <i>Cell Reports</i> , 2019, 29, 736-748.e4.	2.9	22
13	The splicing factor RBM25 controls MYC activity in acute myeloid leukemia. <i>Nature Communications</i> , 2019, 10, 172.	5.8	42
14	A Gain-of-Function p53-Mutant Oncogene Promotes Cell Fate Plasticity and Myeloid Leukemia through the Pluripotency Factor FOXH1. <i>Cancer Discovery</i> , 2019, 9, 962-979.	7.7	58
15	BloodSpot: a database of healthy and malignant haematopoiesis updated with purified and single cell mRNA sequencing profiles. <i>Nucleic Acids Research</i> , 2019, 47, D881-D885.	6.5	172
16	Transformation Mechanisms of the Nfia-ETO2 Fusion Gene Associated with Pediatric Pure Acute Erythroleukemia. <i>Blood</i> , 2019, 134, 532-532.	0.6	1
17	SinaPlot: An Enhanced Chart for Simple and Truthful Representation of Single Observations Over Multiple Classes. <i>Journal of Computational and Graphical Statistics</i> , 2018, 27, 673-676.	0.9	37
18	Deep sequencing of human papillomavirus positive loco-regionally advanced oropharyngeal squamous cell carcinomas reveals novel mutational signature. <i>BMC Cancer</i> , 2018, 18, 640.	1.1	14

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19	Single-cell RNA-seq and computational analysis using temporal mixture modeling resolves T _H 1/T _{FH} fate bifurcation in malaria. <i>Science Immunology</i> , 2017, 2, .	5.6	258
20	Peak-valley-peak pattern of histone modifications delineates active regulatory elements and their directionality. <i>Nucleic Acids Research</i> , 2016, 44, 4037-4051.	6.5	26
21	Classification of low quality cells from single-cell RNA-seq data. <i>Genome Biology</i> , 2016, 17, 29.	3.8	572
22	Analysis of telomerase target gene expression effects from murine models in patient cohorts by homology translation and random survival forest modeling. <i>Genomics Data</i> , 2016, 7, 275-280.	1.3	1
23	BloodSpot: a database of gene expression profiles and transcriptional programs for healthy and malignant haematopoiesis. <i>Nucleic Acids Research</i> , 2016, 44, D917-D924.	6.5	242
24	Cellular origin of prognostic chromosomal aberrations in AML patients. <i>Leukemia</i> , 2015, 29, 1785-1789.	3.3	8
25	Amplification of pico-scale DNA mediated by bacterial carrier DNA for small-cell-number transcription factor ChIP-seq. <i>BMC Genomics</i> , 2015, 16, 46.	1.2	27
26	Autophagy is required for stem cell mobilization by G-CSF. <i>Blood</i> , 2015, 125, 2933-2936.	0.6	36
27	ERG promotes the maintenance of hematopoietic stem cells by restricting their differentiation. <i>Genes and Development</i> , 2015, 29, 1915-1929.	2.7	71
28	Software-Supported USER Cloning Strategies for Site-Directed Mutagenesis and DNA Assembly. <i>ACS Synthetic Biology</i> , 2015, 4, 342-349.	1.9	41
29	Bloodspot: A Web Resource Facilitating the Analysis of Transcriptional Programs in Normal and Malignant Hematopoiesis. <i>Blood</i> , 2015, 126, 2358-2358.	0.6	1
30	C/EBP β Is Required for Long-Term Self-Renewal and Lineage Priming of Hematopoietic Stem Cells and for the Maintenance of Epigenetic Configurations in Multipotent Progenitors. <i>PLoS Genetics</i> , 2014, 10, e1004079.	1.5	85
31	Modification of T Cell Responses by Stem Cell Mobilization Requires Direct Signaling of the T Cell by G-CSF and IL-10. <i>Journal of Immunology</i> , 2014, 192, 3180-3189.	0.4	34
32	Telomerase Inhibition Effectively Targets Mouse and Human AML Stem Cells and Delays Relapse following Chemotherapy. <i>Cell Stem Cell</i> , 2014, 15, 775-790.	5.2	74
33	An atlas of active enhancers across human cell types and tissues. <i>Nature</i> , 2014, 507, 455-461.	13.7	2,269
34	Comparing cancer vs normal gene expression profiles identifies new disease entities and common transcriptional programs in AML patients. <i>Blood</i> , 2014, 123, 894-904.	0.6	133
35	shRNA screening identifies JMJD1C as being required for leukemia maintenance. <i>Blood</i> , 2014, 123, 1870-1882.	0.6	73
36	Inhibition of Telomerase with Imetelstat Is Detrimental to Leukemia Stem Cells in Acute Myeloid Leukemia (AML). <i>Blood</i> , 2014, 124, 2322-2322.	0.6	1

#	ARTICLE	IF	CITATIONS
37	HemaExplorer: a database of mRNA expression profiles in normal and malignant haematopoiesis. Nucleic Acids Research, 2013, 41, D1034-D1039.	6.5	65
38	Autophagy Is Required For Long-Term Hematopoietic Stem Cell (HSC) Function and G-CSF-Induced HSC Mobilization. Blood, 2013, 122, 892-892.	0.6	1
39	Inhibition Of Telomerase Is a Novel and Effective Therapy In MLL-Rearranged Acute Myeloid Leukemia (AML). Blood, 2013, 122, 2887-2887.	0.6	0
40	Improving The Analysis Of Gene Expression Profiles By Comparing AML Blasts With Their Nearest Normal Counterparts. Blood, 2013, 122, 2568-2568.	0.6	0
41	HemaExplorer: a Web server for easy and fast visualization of gene expression in normal and malignant hematopoiesis. Blood, 2012, 119, 6394-6395.	0.6	32