

Eric M J Bindels

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,917
citations

687363

13
h-index

713466

21
g-index

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all docs

25
docs citations

25
times ranked

3559
citing authors

#	ARTICLE	IF	CITATIONS
1	A Single Oncogenic Enhancer Rearrangement Causes Concomitant EVI1 and GATA2 Deregulation in Leukemia. <i>Cell</i> , 2014, 157, 369-381.	28.9	571
2	Decoding myofibroblast origins in human kidney fibrosis. <i>Nature</i> , 2021, 589, 281-286.	27.8	380
3	Mesenchymal Inflammation Drives Genotoxic Stress in Hematopoietic Stem Cells and Predicts Disease Evolution in Human Pre-leukemia. <i>Cell Stem Cell</i> , 2016, 19, 613-627.	11.1	277
4	SARS-CoV-2 infects the human kidney and drives fibrosis in kidney organoids. <i>Cell Stem Cell</i> , 2022, 29, 217-231.e8.	11.1	146
5	Heterogeneous bone-marrow stromal progenitors drive myelofibrosis via a druggable alarmin axis. <i>Cell Stem Cell</i> , 2021, 28, 637-652.e8.	11.1	92
6	Mutational spectrum of myeloid malignancies with inv(3)/t(3;3) reveals a predominant involvement of RAS/RTK signaling pathways. <i>Blood</i> , 2015, 125, 133-139.	1.4	86
7	Causal integration of multi-omics data with prior knowledge to generate mechanistic hypotheses. <i>Molecular Systems Biology</i> , 2021, 17, e9730.	7.2	78
8	EVI1 is critical for the pathogenesis of a subset of MLL-AF9 rearranged AMLs. <i>Blood</i> , 2012, 119, 5838-5849.	1.4	76
9	Activation of NF- κ B driven inflammatory programs in mesenchymal elements attenuates hematopoiesis in low-risk myelodysplastic syndromes. <i>Leukemia</i> , 2019, 33, 536-541.	7.2	31
10	The leukemic oncogene EVI1 hijacks a MYC super-enhancer by CTCF-facilitated loops. <i>Nature Communications</i> , 2021, 12, 5679.	12.8	31
11	Mapping the cardiac vascular niche in heart failure. <i>Nature Communications</i> , 2022, 13, .	12.8	31
12	Selective Requirement of MYB for Oncogenic Hyperactivation of a Translocated Enhancer in Leukemia. <i>Cancer Discovery</i> , 2021, 11, 2868-2883.	9.4	25
13	Essential role for Gata2 in modulating lineage output from hematopoietic stem cells in zebrafish. <i>Blood Advances</i> , 2021, 5, 2687-2700.	5.2	21
14	Detection of Aneuploidy in Cerebrospinal Fluid from Patients with Breast Cancer Can Improve Diagnosis of Leptomeningeal Metastases. <i>Clinical Cancer Research</i> , 2021, 27, 2798-2806.	7.0	14
15	Temporal autoregulation during human PU.1 locus SubTAD formation. <i>Blood</i> , 2018, 132, 2643-2655.	1.4	12
16	Malignant Transformation Involving CXXC4 Mutations Identified in a Leukemic Progression Model of Severe Congenital Neutropenia. <i>Cell Reports Medicine</i> , 2020, 1, 100074.	6.5	11
17	Identification of osteolineage cell-derived extracellular vesicle cargo implicated in hematopoietic support. <i>FASEB Journal</i> , 2020, 34, 5435-5452.	0.5	10
18	Extracellular Vesicles Derived From Adult and Fetal Bone Marrow Mesenchymal Stromal Cells Differentially Promote ex vivo Expansion of Hematopoietic Stem and Progenitor Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 640419.	4.1	10

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19	A pipeline for copy number profiling of single circulating tumour cells to assess inpatient tumour heterogeneity. <i>Molecular Oncology</i> , 2022, 16, 2981-3000.	4.6	6
20	Kidney Organoids Are Capable of Forming Tumors, but Not Teratomas. <i>Stem Cells</i> , 2022, 40, 577-591.	3.2	3
21	PML Plays a Key Role in Severe Congenital Neutropenia with Mutant ELANE Causing Neutrophil Elastase Protein Misfolding. <i>Blood</i> , 2019, 134, 213-213.	1.4	1
22	Inflammatory Niche Signalling Drives Genotoxic Stress in Hematopoietic Stem Cells and Predicts Leukemic Evolution in Human Leukemia Predisposition Syndromes. <i>Blood</i> , 2016, 128, 428-428.	1.4	0
23	Complex 3q26/EVI1 Rearrangements Genocopy Inv(3)/t(3;3) Acute Myeloid Leukemias By Enhancer Hijacking, EVI1 Overexpression, Absent MDS1-EVI1 and Low GATA2 Expression. <i>Blood</i> , 2018, 132, 2766-2766.	1.4	0
24	Allele-Specific Expression of GATA2 in AML with CEBPA Biallelic Mutations. <i>Blood</i> , 2019, 134, 1235-1235.	1.4	0