

Peter van Galen

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

5,034
citations

361413

20
h-index

501196

28
g-index

37
all docs

37
docs citations

37
times ranked

10445
citing authors

#	ARTICLE	IF	CITATIONS
1	Stem cell gene expression programs influence clinical outcome in human leukemia. <i>Nature Medicine</i> , 2011, 17, 1086-1093.	30.7	894
2	Variable Clonal Repopulation Dynamics Influence Chemotherapy Response in Colorectal Cancer. <i>Science</i> , 2013, 339, 543-548.	12.6	691
3	Single-Cell RNA-Seq Reveals AML Hierarchies Relevant to Disease Progression and Immunity. <i>Cell</i> , 2019, 176, 1265-1281.e24.	28.9	642
4	Developmental and oncogenic programs in H3K27M gliomas dissected by single-cell RNA-seq. <i>Science</i> , 2018, 360, 331-335.	12.6	461
5	Self-renewal as a therapeutic target in human colorectal cancer. <i>Nature Medicine</i> , 2014, 20, 29-36.	30.7	438
6	Adaptive Chromatin Remodeling Drives Glioblastoma Stem Cell Plasticity and Drug Tolerance. <i>Cell Stem Cell</i> , 2017, 20, 233-246.e7.	11.1	387
7	The unfolded protein response governs integrity of the haematopoietic stem-cell pool during stress. <i>Nature</i> , 2014, 510, 268-272.	27.8	292
8	Attenuation of miR-126 Activity Expands HSC In Vivo without Exhaustion. <i>Cell Stem Cell</i> , 2012, 11, 799-811.	11.1	197
9	Dual Targeting of Oncogenic Activation and Inflammatory Signaling Increases Therapeutic Efficacy in Myeloproliferative Neoplasms. <i>Cancer Cell</i> , 2018, 33, 29-43.e7.	16.8	186
10	A Multiplexed System for Quantitative Comparisons of Chromatin Landscapes. <i>Molecular Cell</i> , 2016, 61, 170-180.	9.7	111
11	Association of clonal hematopoiesis with chronic obstructive pulmonary disease. <i>Blood</i> , 2022, 139, 357-368.	1.4	106
12	A cellular hierarchy framework for understanding heterogeneity and predicting drug response in acute myeloid leukemia. <i>Nature Medicine</i> , 2022, 28, 1212-1223.	30.7	104
13	Integrated Stress Response Activity Marks Stem Cells in Normal Hematopoiesis and Leukemia. <i>Cell Reports</i> , 2018, 25, 1109-1117.e5.	6.4	88
14	EHMT1 and EHMT2 inhibition induces fetal hemoglobin expression. <i>Blood</i> , 2015, 126, 1930-1939.	1.4	76
15	Reduced Lymphoid Lineage Priming Promotes Human Hematopoietic Stem Cell Expansion. <i>Cell Stem Cell</i> , 2014, 14, 94-106.	11.1	63
16	Single-cell lineage analysis reveals genetic and epigenetic interplay in glioblastoma drug resistance. <i>Genome Biology</i> , 2020, 21, 174.	8.8	59
17	Mitochondrial variant enrichment from high-throughput single-cell RNA sequencing resolves clonal populations. <i>Nature Biotechnology</i> , 2022, 40, 1030-1034.	17.5	45
18	Chromatin accessibility promotes hematopoietic and leukemia stem cell activity. <i>Nature Communications</i> , 2020, 11, 1406.	12.8	32

#	ARTICLE	IF	CITATIONS
19	Extended-representation bisulfite sequencing of gene regulatory elements in multiplexed samples and single cells. <i>Nature Biotechnology</i> , 2021, 39, 1086-1094.	17.5	28
20	A stemness screen reveals C3orf54/INKA1 as a promoter of human leukemia stem cell latency. <i>Blood</i> , 2019, 133, 2198-2211.	1.4	25
21	A novel method for detecting the cellular stemness state in normal and leukemic human hematopoietic cells can predict disease outcome and drug sensitivity. <i>Leukemia</i> , 2019, 33, 2061-2077.	7.2	13
22	Single-Cell RNA Sequencing to Disentangle the Blood System. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1012-1018.	2.4	8
23	Single-Cell Multiomics Reveals Clonal T-Cell Expansions and Exhaustion in Blastic Plasmacytoid Dendritic Cell Neoplasm. <i>Frontiers in Immunology</i> , 2022, 13, 809414.	4.8	6
24	Two new routes to make blood: Hematopoietic specification from pluripotent cell lines versus reprogramming of somatic cells. <i>Experimental Hematology</i> , 2015, 43, 756-759.	0.4	5
25	Decoding the Noncoding Cancer Genome. <i>Cancer Discovery</i> , 2020, 10, 646-647.	9.4	2
26	WAT3R: recovery of T-cell receptor variable regions from single-cell RNA-sequencing. <i>Bioinformatics</i> , 2022, 38, 3645-3647.	4.1	2
27	Renewing your HBO1 subscription. <i>Blood</i> , 2022, 139, 802-804.	1.4	1
28	Clonal barcoding with qPCR detection enables live cell functional analyses for cancer research. <i>Nature Communications</i> , 2022, 13, .	12.8	1
29	Single-Cell RNA-Seq Reveals AML Cellular Hierarchies Relevant to Clinical Outcomes and Immunity. <i>Blood</i> , 2018, 132, 542-542.	1.4	0
30	Identification of Gene Regulatory Networks Governing Stemness Properties of Human HSC and LSC. <i>Blood</i> , 2018, 132, 3832-3832.	1.4	0
31	Plasticity and immune evasion in childhood ALL. <i>Blood</i> , 2022, 139, 2096-2097.	1.4	0
32	Rise of the Clones: Myelodysplastic Syndrome to Secondary Acute Myeloid Leukemia. <i>Blood Cancer Discovery</i> , 0, , OF1-OF3.	5.0	0