

Konstantinos D Kokkaliaris

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,720
citations

279798

23
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

4451
citing authors

#	ARTICLE	IF	CITATIONS
1	A Cellular Taxonomy of the Bone Marrow Stroma in Homeostasis and Leukemia. <i>Cell</i> , 2019, 177, 1915-1932.e16.	28.9	640
2	Early myeloid lineage choice is not initiated by random PU.1 to GATA1 protein ratios. <i>Nature</i> , 2016, 535, 299-302.	27.8	180
3	Live-animal imaging of native haematopoietic stem and progenitor cells. <i>Nature</i> , 2020, 578, 278-283.	27.8	171
4	Software tools for single-cell tracking and quantification of cellular and molecular properties. <i>Nature Biotechnology</i> , 2016, 34, 703-706.	17.5	162
5	Prospective identification of hematopoietic lineage choice by deep learning. <i>Nature Methods</i> , 2017, 14, 403-406.	19.0	160
6	Early dynamic fate changes in haemogenic endothelium characterized at the single-cell level. <i>Nature Communications</i> , 2013, 4, 2924.	12.8	158
7	Network plasticity of pluripotency transcription factors in embryonic stem cells. <i>Nature Cell Biology</i> , 2015, 17, 1235-1246.	10.3	130
8	Asymmetric lysosome inheritance predicts activation of haematopoietic stem cells. <i>Nature</i> , 2019, 573, 426-429.	27.8	123
9	Three-dimensional map of nonhematopoietic bone and bone-marrow cells and molecules. <i>Nature Biotechnology</i> , 2017, 35, 1202-1210.	17.5	104
10	In vitro biomimetic engineering of a human hematopoietic niche with functional properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5688-E5695.	7.1	99
11	Human prostate cancer bone metastases have an actionable immunosuppressive microenvironment. <i>Cancer Cell</i> , 2021, 39, 1464-1478.e8.	16.8	98
12	Stress-Induced Changes in Bone Marrow Stromal Cell Populations Revealed through Single-Cell Protein Expression Mapping. <i>Cell Stem Cell</i> , 2019, 25, 570-583.e7.	11.1	96
13	Multicolor quantitative confocal imaging cytometry. <i>Nature Methods</i> , 2018, 15, 39-46.	19.0	86
14	Adult blood stem cell localization reflects the abundance of reported bone marrow niche cell types and their combinations. <i>Blood</i> , 2020, 136, 2296-2307.	1.4	63
15	Inflammatory signals directly instruct PU.1 in HSCs via TNF. <i>Blood</i> , 2019, 133, 816-819.	1.4	53
16	CCND1-mediated cell cycle progression provides a competitive advantage for human hematopoietic stem cells in vivo. <i>Journal of Experimental Medicine</i> , 2015, 212, 1171-1183.	8.5	50
17	Cell interactions in the bone marrow microenvironment affecting myeloid malignancies. <i>Blood Advances</i> , 2020, 4, 3795-3803.	5.2	42
18	B lymphocyte-derived acetylcholine limits steady-state and emergency hematopoiesis. <i>Nature Immunology</i> , 2022, 23, 605-618.	14.5	33

#	ARTICLE	IF	CITATIONS
19	Identification of factors promoting ex vivo maintenance of mouse hematopoietic stem cells by long-term single-cell quantification. <i>Blood</i> , 2016, 128, 1181-1192.	1.4	31
20	Automated Microfluidic System for Dynamic Stimulation and Tracking of Single Cells. <i>Analytical Chemistry</i> , 2018, 90, 10695-10700.	6.5	29
21	Advances in tracking hematopoiesis at the single-cell level. <i>Current Opinion in Hematology</i> , 2012, 19, 243-249.	2.5	26
22	HOXB4 Can Enhance the Differentiation of Embryonic Stem Cells by Modulating the Hematopoietic Niche. <i>Stem Cells</i> , 2012, 30, 150-160.	3.2	25
23	Clonal evolution of preleukemic hematopoietic stem cells in acute myeloid leukemia. <i>Experimental Hematology</i> , 2015, 43, 989-992.	0.4	25
24	Inductive and Selective Effects of GSK3 and MEK Inhibition on Nanog Heterogeneity in Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2018, 11, 58-69.	4.8	25
25	Lineage marker synchrony in hematopoietic genealogies refutes the PU.1/GATA1 toggle switch paradigm. <i>Nature Communications</i> , 2018, 9, 2697.	12.8	24
26	CSF-1-induced Src signaling can instruct monocytic lineage choice. <i>Blood</i> , 2017, 129, 1691-1701.	1.4	21
27	tiRNA signaling via stress-regulated vesicle transfer in the hematopoietic niche. <i>Cell Stem Cell</i> , 2021, 28, 2090-2103.e9.	11.1	20
28	On the statistical analysis of single cell lineage trees. <i>Journal of Theoretical Biology</i> , 2018, 439, 160-165.	1.7	15
29	Fate Distribution and Regulatory Role of Human Mesenchymal Stromal Cells in Engineered Hematopoietic Bone Organs. <i>IScience</i> , 2019, 19, 504-513.	4.1	13
30	Dissecting the spatial bone marrow microenvironment of hematopoietic stem cells. <i>Current Opinion in Oncology</i> , 2020, 32, 154-161.	2.4	11
31	Understanding hematopoiesis from a single-cell standpoint. <i>Experimental Hematology</i> , 2016, 44, 447-450.	0.4	5
32	CCND1-mediated cell cycle progression provides a competitive advantage for human hematopoietic stem cells in vivo. <i>Journal of Cell Biology</i> , 2015, 210, 2102OIA144.	5.2	0