Martin Etzrodt

List of Publications by Year
in descending order

32	5,442	331259 21	433756 31
papers	citations	h-index	g-index

32	32	32	9884
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of Splenic Reservoir Monocytes and Their Deployment to Inflammatory Sites. Science, 2009, 325, 612-616.	6.0	1,806
2	Myocardial infarction accelerates atherosclerosis. Nature, 2012, 487, 325-329.	13.7	874
3	Origins of tumor-associated macrophages and neutrophils. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2491-2496.	3.3	547
4	Extramedullary Hematopoiesis Generates Ly-6C ^{high} Monocytes That Infiltrate Atherosclerotic Lesions. Circulation, 2012, 125, 364-374.	1.6	398
5	Innate Response Activator B Cells Protect Against Microbial Sepsis. Science, 2012, 335, 597-601.	6.0	351
6	Early myeloid lineage choice is not initiated by random PU.1 to GATA1 protein ratios. Nature, 2016, 535, 299-302.	13.7	180
7	Software tools for single-cell tracking and quantification of cellular and molecular properties. Nature Biotechnology, 2016, 34, 703-706.	9.4	162
8	MicroRNA-mediated control of macrophages and its implications for cancer. Trends in Immunology, 2013, 34, 350-359.	2.9	161
9	Angiotensin II Drives the Production of Tumor-Promoting Macrophages. Immunity, 2013, 38, 296-308.	6.6	157
10	Quantitative Single-Cell Approaches to Stem Cell Research. Cell Stem Cell, 2014, 15, 546-558.	5.2	112
11	Regulation of Monocyte Functional Heterogeneity by miR-146a and Relb. Cell Reports, 2012, 1, 317-324.	2.9	105
12	Behavior of Endogenous Tumor-Associated Macrophages Assessed In Vivo Using a Functionalized Nanoparticle. Neoplasia, 2009, 11, 459-IN4.	2.3	103
13	Demyelinating Diseases: Myeloperoxidase as an Imaging Biomarker and Therapeutic Target. Radiology, 2012, 263, 451-460.	3.6	81
14	Inflammatory signals directly instruct PU.1 in HSCs via TNF. Blood, 2019, 133, 816-819.	0.6	53
15	Monocyte Subset Dynamics in Human Atherosclerosis Can Be Profiled with Magnetic Nano-Sensors. PLoS ONE, 2009, 4, e5663.	1.1	50
16	Cellular Decision Making by Non-Integrative Processing of TLR Inputs. Cell Reports, 2017, 19, 125-135.	2.9	45
17	Different Capacity of Monocyte Subsets to Phagocytose Iron-Oxide Nanoparticles. PLoS ONE, 2011, 6, e25197.	1.1	38
18	Instruction of hematopoietic lineage choice by cytokine signaling. Experimental Cell Research, 2014, 329, 207-213.	1.2	37

#	Article	IF	Citations
19	Time-resolved responses to chemoattractant, characteristic of the front and tail ofDictyosteliumcells. FEBS Letters, 2006, 580, 6707-6713.	1.3	30
20	Automated Microfluidic System for Dynamic Stimulation and Tracking of Single Cells. Analytical Chemistry, 2018, 90, 10695-10700.	3.2	29
21	Seamless Combination of Fluorescence-Activated Cell Sorting and Hanging-Drop Networks for Individual Handling and Culturing of Stem Cells and Microtissue Spheroids. Analytical Chemistry, 2016, 88, 1222-1229.	3.2	23
22	Regulation of Macrophage and Dendritic Cell Responses by Their Lineage Precursors. Journal of Innate Immunity, 2012, 4, 411-423.	1.8	15
23	Blockchain for Organizing Effective Grass-Roots Actions on a Global Commons: Saving the Planet. Frontiers in Blockchain, 2020, 3, .	1.6	14
24	An automated microfluidic system for efficient capture of rare cells and rapid flow-free stimulation. Lab on A Chip, 2020, 20, 4246-4254.	3.1	12
25	A Novel GATA2 Protein Reporter Mouse Reveals Hematopoietic Progenitor Cell Types. Stem Cell Reports, 2020, 15, 326-339.	2.3	12
26	NfÎºB signaling dynamics and their target genes differ between mouse blood cell types and induce distinct cell behavior. Blood, 2022, 140, 99-111.	0.6	12
27	Illuminating stem cell transcription factor dynamics: long-term single-cell imaging of fluorescent protein fusions. Current Opinion in Cell Biology, 2017, 49, 77-83.	2.6	10
28	Open Platform Concept for Blockchain-Enabled Crowdsourcing of Technology Development and Supply Chains. Frontiers in Blockchain, 2020, 3, .	1.6	7
29	Blood stem cell PU.1 upregulation is a consequence of differentiation without fast autoregulation. Journal of Experimental Medicine, 2022, 219, .	4.2	7
30	Unchaining Collective Intelligence for Science, Research, and Technology Development by Blockchain-Boosted Community Participation. Frontiers in Blockchain, 2021, 4, .	1.6	6
31	Preservation of cell-survival mechanisms by the presenilin-1 K239N mutation may cause its milder clinical phenotype. Neurobiology of Aging, 2016, 46, 169-179.	1.5	5
32	Single cell analysis of cytokine-dependent transcription factor dynamics in hematopoietic progenitors. Experimental Hematology, 2013, 41, S40.	0.2	0