

# Martin Etzrodt

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30  
papers

4,362  
citations

20  
h-index

32  
g-index

32  
ext. papers

5,046  
ext. citations

13.6  
avg, IF

4.57  
L-index

#	Paper	IF	Citations
30	Blood stem cell PU.1 upregulation is a consequence of differentiation without fast autoregulation. <i>Journal of Experimental Medicine</i> , <b>2022</b> , 219,	16.6	1
29	Unchaining Collective Intelligence for Science, Research, and Technology Development by Blockchain-Boosted Community Participation. <i>Frontiers in Blockchain</i> , <b>2021</b> , 4,	3	4
28	Open Platform Concept for Blockchain-Enabled Crowdsourcing of Technology Development and Supply Chains. <i>Frontiers in Blockchain</i> , <b>2020</b> , 3,	3	7
27	An automated microfluidic system for efficient capture of rare cells and rapid flow-free stimulation. <i>Lab on A Chip</i> , <b>2020</b> , 20, 4246-4254	7.2	4
26	A Novel GATA2 Protein Reporter Mouse Reveals Hematopoietic Progenitor Cell Types. <i>Stem Cell Reports</i> , <b>2020</b> , 15, 326-339	8	5
25	Blockchain for Organizing Effective Grass-Roots Actions on a Global Commons: Saving the Planet. <i>Frontiers in Blockchain</i> , <b>2020</b> , 3,	3	10
24	Inflammatory signals directly instruct PU.1 in HSCs via TNF. <i>Blood</i> , <b>2019</b> , 133, 816-819	2.2	32
23	Automated Microfluidic System for Dynamic Stimulation and Tracking of Single Cells. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 10695-10700	7.8	19
22	Cellular Decision Making by Non-Integrative Processing of TLR Inputs. <i>Cell Reports</i> , <b>2017</b> , 19, 125-135	10.6	25
21	Illuminating stem cell transcription factor dynamics: long-term single-cell imaging of fluorescent protein fusions. <i>Current Opinion in Cell Biology</i> , <b>2017</b> , 49, 77-83	9	8
20	Preservation of cell-survival mechanisms by the presenilin-1 K239N mutation may cause its milder clinical phenotype. <i>Neurobiology of Aging</i> , <b>2016</b> , 46, 169-79	5.6	3
19	Early myeloid lineage choice is not initiated by random PU.1 to GATA1 protein ratios. <i>Nature</i> , <b>2016</b> , 535, 299-302	50.4	138
18	Seamless Combination of Fluorescence-Activated Cell Sorting and Hanging-Drop Networks for Individual Handling and Culturing of Stem Cells and Microtissue Spheroids. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 1222-9	7.8	21
17	Software tools for single-cell tracking and quantification of cellular and molecular properties. <i>Nature Biotechnology</i> , <b>2016</b> , 34, 703-6	44.5	108
16	Quantitative single-cell approaches to stem cell research. <i>Cell Stem Cell</i> , <b>2014</b> , 15, 546-58	18	94
15	Instruction of hematopoietic lineage choice by cytokine signaling. <i>Experimental Cell Research</i> , <b>2014</b> , 329, 207-13	4.2	33
14	Angiotensin II drives the production of tumor-promoting macrophages. <i>Immunity</i> , <b>2013</b> , 38, 296-308	32.3	129

13	MicroRNA-mediated control of macrophages and its implications for cancer. <i>Trends in Immunology</i> , <b>2013</b> , 34, 350-9	14.4	144
12	Myocardial infarction accelerates atherosclerosis. <i>Nature</i> , <b>2012</b> , 487, 325-9	50.4	674
11	Regulation of monocyte functional heterogeneity by miR-146a and Relb. <i>Cell Reports</i> , <b>2012</b> , 1, 317-24	10.6	98
10	Regulation of macrophage and dendritic cell responses by their lineage precursors. <i>Journal of Innate Immunity</i> , <b>2012</b> , 4, 411-23	6.9	10
9	Demyelinating diseases: myeloperoxidase as an imaging biomarker and therapeutic target. <i>Radiology</i> , <b>2012</b> , 263, 451-60	20.5	64
8	Origins of tumor-associated macrophages and neutrophils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 2491-6	11.5	445
7	Innate response activator B cells protect against microbial sepsis. <i>Science</i> , <b>2012</b> , 335, 597-601	33.3	291
6	Extramedullary hematopoiesis generates Ly-6C(high) monocytes that infiltrate atherosclerotic lesions. <i>Circulation</i> , <b>2012</b> , 125, 364-74	16.7	321
5	Different capacity of monocyte subsets to phagocytose iron-oxide nanoparticles. <i>PLoS ONE</i> , <b>2011</b> , 6, e25197	3.7	32
4	Identification of splenic reservoir monocytes and their deployment to inflammatory sites. <i>Science</i> , <b>2009</b> , 325, 612-6	33.3	1481
3	Behavior of endogenous tumor-associated macrophages assessed in vivo using a functionalized nanoparticle. <i>Neoplasia</i> , <b>2009</b> , 11, 459-68, 2 p following 468	6.4	90
2	Monocyte subset dynamics in human atherosclerosis can be profiled with magnetic nano-sensors. <i>PLoS ONE</i> , <b>2009</b> , 4, e5663	3.7	45
1	Time-resolved responses to chemoattractant, characteristic of the front and tail of Dictyostelium cells. <i>FEBS Letters</i> , <b>2006</b> , 580, 6707-13	3.8	26