

Weijia Wang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

668
citations

687363

13
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1087
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Expansion of Human Hematopoietic Stem Cells by Automated Control of Inhibitory Feedback Signaling. <i>Cell Stem Cell</i> , 2012, 10, 218-229.	11.1	224
2	TFEB-mediated endolysosomal activity controls human hematopoietic stem cell fate. <i>Cell Stem Cell</i> , 2021, 28, 1838-1850.e10.	11.1	69
3	Intercellular network structure and regulatory motifs in the human hematopoietic system. <i>Molecular Systems Biology</i> , 2014, 10, 741.	7.2	57
4	Distinct signaling programs control human hematopoietic stem cell survival and proliferation. <i>Blood</i> , 2017, 129, 307-318.	1.4	35
5	Sphingosine-1-Phosphate Receptor 3 Potentiates Inflammatory Programs in Normal and Leukemia Stem Cells to Promote Differentiation. <i>Blood Cancer Discovery</i> , 2021, 2, 32-53.	5.0	35
6	Asymmetric organelle inheritance predicts human blood stem cell fate. <i>Blood</i> , 2022, 139, 2011-2023.	1.4	32
7	Distinguishing autocrine and paracrine signals in hematopoietic stem cell culture using a biofunctional microcavity platform. <i>Scientific Reports</i> , 2016, 6, 31951.	3.3	29
8	Mouse and human HSPC immobilization in liquid culture by CD43- or CD44-antibody coating. <i>Blood</i> , 2018, 131, 1425-1429.	1.4	26
9	Blood stem cell fate regulation by Delta-1-mediated rewiring of IL-6 paracrine signaling. <i>Blood</i> , 2014, 123, 650-658.	1.4	23
10	Enhanced human hematopoietic stem and progenitor cell engraftment by blocking donor T cell-mediated TNF signaling. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	23
11	Cytokine combinations for human blood stem cell expansion induce cell-type and cytokine-specific signaling dynamics. <i>Blood</i> , 2021, 138, 847-857.	1.4	21
12	Synergy between erythropoietin and stem cell factor during erythropoiesis can be quantitatively described without co-signaling effects. <i>Biotechnology and Bioengineering</i> , 2008, 99, 1261-1272.	3.3	17
13	Integrative network analysis of signaling in human CD34 ⁺ hematopoietic progenitor cells by global phosphoproteomic profiling using TiO ₂ enrichment combined with 2D LC-MS/MS and pathway mapping. <i>Proteomics</i> , 2013, 13, 1325-1333.	2.2	14
14	Steric Hindrance Assay for Secreted Factors in Stem Cell Culture. <i>ACS Sensors</i> , 2017, 2, 495-500.	7.8	14
15	An automated microfluidic system for efficient capture of rare cells and rapid flow-free stimulation. <i>Lab on A Chip</i> , 2020, 20, 4246-4254.	6.0	12
16	An Immunocompetent Microphysiological System to Simultaneously Investigate Effects of Anti-Tumor Natural Killer Cells on Tumor and Cardiac Microtissues. <i>Frontiers in Immunology</i> , 2021, 12, 781337.	4.8	12
17	Measurement of generation-dependent proliferation rates and death rates during mouse erythroid progenitor cell differentiation. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 382-389.	1.5	11
18	Proportional-Integral-Derivative (PID) Control of Secreted Factors for Blood Stem Cell Culture. <i>PLoS ONE</i> , 2015, 10, e0137392.	2.5	11

#	ARTICLE	IF	CITATIONS
19	Biochemical measurements on single erythroid progenitor cells shed light on the combinatorial regulation of red blood cell production. <i>Molecular BioSystems</i> , 2013, 9, 234-245.	2.9	3