

Heather E Fleming

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,796
citations

430874

18
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

4735
citing authors

#	ARTICLE	IF	CITATIONS
1	Stem-cell ageing modified by the cyclin-dependent kinase inhibitor p16INK4a. <i>Nature</i> , 2006, 443, 421-426.	27.8	1,011
2	Wnt Signaling in the Niche Enforces Hematopoietic Stem Cell Quiescence and Is Necessary to Preserve Self-Renewal In Vivo. <i>Cell Stem Cell</i> , 2008, 2, 274-283.	11.1	436
3	Cytokine Signaling and Hematopoietic Homeostasis Are Disrupted in Lnk-deficient Mice. <i>Journal of Experimental Medicine</i> , 2002, 195, 1599-1611.	8.5	201
4	Pre-B Cell Receptor Signaling Mediates Selective Response to IL-7 at the Pro-B to Pre-B Cell Transition via an ERK/MAP Kinase-Dependent Pathway. <i>Immunity</i> , 2001, 15, 521-531.	14.3	156
5	Development of Light-Activated CRISPR Using Guide RNAs with Photocleavable Protectors. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12440-12444.	13.8	144
6	In situ expansion of engineered human liver tissue in a mouse model of chronic liver disease. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	133
7	Micropatterned coculture of primary human hepatocytes and supportive cells for the study of hepatotropic pathogens. <i>Nature Protocols</i> , 2015, 10, 2027-2053.	12.0	119
8	In Vitro Culture, Drug Sensitivity, and Transcriptome of Plasmodium Vivax Hypnozoites. <i>Cell Host and Microbe</i> , 2018, 23, 395-406.e4.	11.0	118
9	Hematopoietic Stem Cell Responsiveness to Exogenous Signals Is Limited by Caspase-3. <i>Cell Stem Cell</i> , 2008, 2, 584-594.	11.1	101
10	Cooperation between IL-7 and the pre-B cell receptor: a key to B cell selection. <i>Seminars in Immunology</i> , 2002, 14, 423-430.	5.6	52
11	Mechanisms of selection mediated by interleukin-7, the preBCR, and hemokinin-1 during B-cell development. <i>Immunological Reviews</i> , 2004, 197, 75-88.	6.0	47
12	Frontline: IL-7 does not prevent pro-B/pre-B cell maturation to the immature/sIgM+ stage. <i>European Journal of Immunology</i> , 2004, 34, 2647-2655.	2.9	42
13	The role of the preBCR, the interleukin-7 receptor, and homotypic interactions during B-cell development. <i>Immunological Reviews</i> , 2000, 175, 47-58.	6.0	36
14	Non-viral delivery of CRISPR/Cas9 complex using CRISPR-GPS nanocomplexes. <i>Nanoscale</i> , 2019, 11, 21317-21323.	5.6	34
15	Development of Light-Activated CRISPR Using Guide RNAs with Photocleavable Protectors. <i>Angewandte Chemie</i> , 2016, 128, 12628-12632.	2.0	29
16	A single-cell liver atlas of Plasmodium vivax infection. <i>Cell Host and Microbe</i> , 2022, 30, 1048-1060.e5.	11.0	29
17	A vascularized model of the human liver mimics regenerative responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	27
18	CD45-Deficient Mice Accumulate Pro-B Cells Both In Vivo and In Vitro. <i>Journal of Immunology</i> , 2004, 173, 2542-2551.	0.8	25

#	ARTICLE	IF	CITATIONS
19	Protease activity sensors noninvasively classify bacterial infections and antibiotic responses. EBioMedicine, 2018, 38, 248-256.	6.1	22
20	Improving Drug Discovery by Nucleic Acid Delivery in Engineered Human Microfluiders. Cell Metabolism, 2019, 29, 727-735.e3.	16.2	10
21	Controlled Apoptosis of Stromal Cells to Engineer Human Microfluiders. Advanced Functional Materials, 2020, 30, 1910442.	14.9	9
22	Embryonic stem cells make human T cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12213-12214.	7.1	4
23	Hepatic tissue engineering. , 2020, , 737-753.		3
24	Identification of NQO2 As a Protein Target in Small Molecule Modulation of Hepatocellular Function. ACS Chemical Biology, 2021, 16, 1770-1778.	3.4	3
25	Tissue Engineering: Controlled Apoptosis of Stromal Cells to Engineer Human Microfluiders (Adv.) Tj ETQq1 1 0.784314 rgBT /Overlock 10	14.9	2
26	The role of the preBCR, the interleukin-7 receptor, and homotypic interactions during B-cell development. Immunological Reviews, 2000, 175, 47-58.	6.0	1