Alexander Gerbaulet

List of Publications by Year
in descending order

25	1,047	567281 15	642732 23
papers	citations	h-index	g-index

27	27	27	1928
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mast cell-specific Cre/loxP-mediated recombination inÂvivo. Transgenic Research, 2008, 17, 307-315.	2.4	175
2	The receptor tyrosine kinase c-Kit controls IL-33 receptor signaling in mast cells. Blood, 2010, 115, 3899-3906.	1.4	107
3	The bulk of the hematopoietic stem cell population is dispensable for murine steady-state and stress hematopoiesis. Blood, 2016, 128, 2285-2296.	1.4	91
4	Mitochondrial metabolism coordinates stage-specific repair processes in macrophages during wound healing. Cell Metabolism, 2021, 33, 2398-2414.e9.	16.2	89
5	STING-associated lung disease in mice relies on T cells but not type I interferon. Journal of Allergy and Clinical Immunology, 2019, 144, 254-266.e8.	2.9	85
6	Loss of Trex1 in Dendritic Cells Is Sufficient To Trigger Systemic Autoimmunity. Journal of Immunology, 2016, 197, 2157-2166.	0.8	61
7	Hematopoietic stem cells can differentiate into restricted myeloid progenitors before cell division in mice. Nature Communications, 2018, 9, 1898.	12.8	61
8	A common framework of monocyte-derived macrophage activation. Science Immunology, 2022, 7, eabl7482.	11.9	58
9	Mast cell hyperplasia, B-cell malignancy, and intestinal inflammation in mice with conditional expression of a constitutively active kit. Blood, 2011, 117, 2012-2021.	1.4	57
10	A Novel Chloride Channel in Drosophila melanogaster Is Inhibited by Protons. Journal of Biological Chemistry, 2005, 280, 16254-16262.	3.4	52
11	SCA-1 Expression Level Identifies Quiescent Hematopoietic Stem and Progenitor Cells. Stem Cell Reports, 2017, 8, 1472-1478.	4.8	44
12	Loss of Function of TET2 Cooperates with Constitutively Active KIT in Murine and Human Models of Mastocytosis. PLoS ONE, 2014, 9, e96209.	2.5	31
13	Lack of Trex1 Causes Systemic Autoimmunity despite the Presence of Antiretroviral Drugs. Journal of Immunology, 2017, 199, 2261-2269.	0.8	31
14	Continuous mitotic activity of primitive hematopoietic stem cells in adult mice. Journal of Experimental Medicine, 2020, 217, .	8.5	25
15	Mast Cells Occupy Stable Clonal Territories in Adult Steady-State Skin. Journal of Investigative Dermatology, 2020, 140, 2433-2441.e5.	0.7	22
16	The stem/progenitor landscape is reshaped in a mouse model of essential thrombocythemia and causes excess megakaryocyte production. Science Advances, 2020, 6, .	10.3	14
17	Visualization of individual cell division history in complex tissues using iCOUNT. Cell Stem Cell, 2021, 28, 2020-2034.e12.	11.1	14
18	Hematopoietic Stem Cell Dynamics Are Regulated by Progenitor Demand: Lessons from a Quantitative Modeling Approach. Stem Cells, 2019, 37, 948-957.	3.2	11

#	Article	IF	Citations
19	Tonic Signaling and Its Effects on Lymphopoiesis of CAR-Armed Hematopoietic Stem and Progenitor Cells. Journal of Immunology, 2019, 202, 1735-1746.	0.8	7
20	Constitutive Kit activity triggers B-cell acute lymphoblastic leukemia-like disease in mice. Experimental Hematology, 2017, 45, 45-55.e6.	0.4	6
21	Inducible depletion of hematopoietic stem cells in vivo challenges niche availability as the critical determinant for bone marrow engraftment. Experimental Hematology, 2013, 41, S42.	0.4	1
22	Long-term-repopulating hematopoietic stem cells are dispensable in steady state but essential for stress hematopoiesis. Experimental Hematology, 2015, 43, S94.	0.4	1
23	Isolation of macrophages from mouse skin wounds for single-cell RNA sequencing. STAR Protocols, 2022, 3, 101337.	1.2	1
24	The bulk of the hematopoietic stem cell population is dispensable for murine steady-state and stress hematopoiesis. Experimental Hematology, 2017, 53, S105.	0.4	0
25	Temporal and Spatially Regulated Oncogenic KIT Expression and Loss of Dnmt3a Cooperate to Drive MPN Development: Role of PI3Kinase in Dnmt3a Loss Induced Hyperproliferation in Myeloid Cells. Blood, 2018, 132, 3055-3055.	1.4	0