

Thorsten B Feyerabend

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,630
citations

257450

24
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

4472
citing authors

#	ARTICLE	IF	CITATIONS
1	Polylox barcoding reveals haematopoietic stem cell fates realized in vivo. <i>Nature</i> , 2017, 548, 456-460.	27.8	312
2	Cre-Mediated Cell Ablation Contests Mast Cell Contribution in Models of Antibody- and T Cell-Mediated Autoimmunity. <i>Immunity</i> , 2011, 35, 832-844.	14.3	292
3	Widespread Immunological Functions of Mast Cells: Fact or Fiction?. <i>Immunity</i> , 2012, 37, 13-24.	14.3	214
4	A next-generation dual-recombinase system for time- and host-specific targeting of pancreatic cancer. <i>Nature Medicine</i> , 2014, 20, 1340-1347.	30.7	188
5	Deletion of Notch1 Converts Pro-T Cells to Dendritic Cells and Promotes Thymic B Cells by Cell-Extrinsic and Cell-Intrinsic Mechanisms. <i>Immunity</i> , 2009, 30, 67-79.	14.3	153
6	Local immune response to food antigens drives meal-induced abdominal pain. <i>Nature</i> , 2021, 590, 151-156.	27.8	153
7	Molecular mechanism of mast cell-mediated innate defense against endothelin and snake venom sarafotoxin. <i>Journal of Experimental Medicine</i> , 2007, 204, 2629-2639.	8.5	140
8	Mast cell chymase reduces the toxicity of Gila monster venom, scorpion venom, and vasoactive intestinal polypeptide in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 4180-4191.	8.2	134
9	Human Mast Cell Proteome Reveals Unique Lineage, Putative Functions, and Structural Basis for Cell Ablation. <i>Immunity</i> , 2020, 52, 404-416.e5.	14.3	116
10	Neutrophil development and function critically depend on Bruton tyrosine kinase in a mouse model of X-linked agammaglobulinemia. <i>Blood</i> , 2011, 117, 1329-1339.	1.4	97
11	Mast cells mediate malignant pleural effusion formation. <i>Journal of Clinical Investigation</i> , 2015, 125, 2317-2334.	8.2	89
12	Resolving Fates and Single-Cell Transcriptomes of Hematopoietic Stem Cell Clones by PolyloxExpress Barcoding. <i>Cell Stem Cell</i> , 2020, 27, 383-395.e8.	11.1	88
13	Loss of Histochemical Identity in Mast Cells Lacking Carboxypeptidase A. <i>Molecular and Cellular Biology</i> , 2005, 25, 6199-6210.	2.3	82
14	Mast Cells Are Dispensable for Normal and Activin-Promoted Wound Healing and Skin Carcinogenesis. <i>Journal of Immunology</i> , 2013, 191, 6147-6155.	0.8	73
15	Hematopoietic Kit Deficiency, rather than Lack of Mast Cells, Protects Mice from Obesity and Insulin Resistance. <i>Cell Metabolism</i> , 2015, 21, 678-691.	16.2	62
16	Of Mouse Models of Mast Cell Deficiency and Metabolic Syndrome. <i>Cell Metabolism</i> , 2016, 24, 1-2.	16.2	59
17	Foxp3+ Regulatory T Cells Delay Expulsion of Intestinal Nematodes by Suppression of IL-9-Driven Mast Cell Activation in BALB/c but Not in C57BL/6 Mice. <i>PLoS Pathogens</i> , 2014, 10, e1003913.	4.7	47
18	Heparan sulfate C5-epimerase is essential for heparin biosynthesis in mast cells. <i>Nature Chemical Biology</i> , 2006, 2, 195-196.	8.0	46

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19	Mast Cell-deficient <i>KitW-sh</i> Sash-Mutant Mice Display Aberrant Myelopoiesis Leading to the Accumulation of Splenocytes That Act as Myeloid-Derived Suppressor Cells. <i>Journal of Immunology</i> , 2013, 190, 5534-5544.	0.8	36
20	Defective bone repair in mast cell-deficient <i>Cpa3Cre/+</i> mice. <i>PLoS ONE</i> , 2017, 12, e0174396.	2.5	34
21	A Role for Serglycin Proteoglycan in Mast Cell Apoptosis Induced by a Secretory Granule-mediated Pathway*. <i>Journal of Biological Chemistry</i> , 2011, 286, 5423-5433.	3.4	32
22	Mast Cells Play No Role in the Pathogenesis of Postoperative Ileus Induced by Intestinal Manipulation. <i>PLoS ONE</i> , 2014, 9, e85304.	2.5	28
23	Mast cell-derived serotonin enhances methacholine-induced airway hyperresponsiveness in house dust mite-induced experimental asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2057-2069.	5.7	27
24	Type 1 Diabetes in NOD Mice Unaffected by Mast Cell Deficiency. <i>Diabetes</i> , 2014, 63, 3827-3834.	0.6	25
25	Mast cells have no impact on cutaneous leishmaniasis severity and related Th2 differentiation in resistant and susceptible mice. <i>European Journal of Immunology</i> , 2016, 46, 114-121.	2.9	24
26	Mast cells limit extracellular levels of IL-13 via a serglycin proteoglycan-serine protease axis. <i>Biological Chemistry</i> , 2012, 393, 1555-1567.	2.5	23
27	Using Cre-recombinase-driven Polylox barcoding for in vivo fate mapping in mice. <i>Nature Protocols</i> , 2019, 14, 1820-1840.	12.0	21
28	Unimpaired Responses to Vaccination With Protein Antigen Plus Adjuvant in Mice With Kit-Independent Mast Cell Deficiency. <i>Frontiers in Immunology</i> , 2018, 9, 1870.	4.8	12
29	Mast Cells Are Dispensable in a Genetic Mouse Model of Chronic Dermatitis. <i>American Journal of Pathology</i> , 2015, 185, 1575-1587.	3.8	11
30	Limited role of mast cells during infection with the parasitic nematode <i>Litomosoides sigmodontis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008534.	3.0	7
31	Protocol for the use of Polylox endogenous barcoding for high resolution in vivo lineage tracing. <i>Protocol Exchange</i> , 0, , .	0.3	1
32	Mast cells partly contribute to allergic enteritis development: Findings in two different mast cell-deficient mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1051-1054.	5.7	1
33	Tu1730 Novel Transgenic Mast Cell-Deficient Mouse Model Reveals No Role for Mast Cells in the Pathogenesis of Postoperative Ileus. <i>Gastroenterology</i> , 2014, 146, S-828.	1.3	0
34	A dual-recombinase system for time- and host-specific targeting of pancreatic cancer. <i>Pancreatology</i> , 2015, 15, S20-S21.	1.1	0