

Calum Bain

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

5,070
citations

218677

26
h-index

302126

39
g-index

46
all docs

46
docs citations

46
times ranked

7246
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of the lung environment on macrophage development, activation and function: diversity in the face of adversity. <i>Mucosal Immunology</i> , 2022, 15, 223-234.	6.0	81
2	Pulmonary macrophages and SARS-Cov2 infection. <i>International Review of Cell and Molecular Biology</i> , 2022, 367, 1-28.	3.2	10
3	CD11c identifies microbiota and EGR2-dependent MHCII ⁺ serous cavity macrophages with sexually dimorphic fate in mice. <i>European Journal of Immunology</i> , 2022, 52, 1243-1257.	2.9	8
4	Hypoxia shapes the immune landscape in lung injury and promotes the persistence of inflammation. <i>Nature Immunology</i> , 2022, 23, 927-939.	14.5	21
5	Guardians of the epithelium: macrophages protect against toxic fungal derivatives. <i>Mucosal Immunology</i> , 2021, 14, 542-543.	6.0	1
6	Recruited macrophages that colonize the post-inflammatory peritoneal niche convert into functionally divergent resident cells. <i>Nature Communications</i> , 2021, 12, 1770.	12.8	58
7	Role of Tim4 in the regulation of ABCA1 ⁺ adipose tissue macrophages and post-prandial cholesterol levels. <i>Nature Communications</i> , 2021, 12, 4434.	12.8	27
8	The mannose receptor (CD206) identifies a population of colonic macrophages in health and inflammatory bowel disease. <i>Scientific Reports</i> , 2021, 11, 19616.	3.3	21
9	The transcription factor EGR2 is indispensable for tissue-specific imprinting of alveolar macrophages in health and tissue repair. <i>Science Immunology</i> , 2021, 6, eabj2132.	11.9	23
10	Rate of replenishment and microenvironment contribute to the sexually dimorphic phenotype and function of peritoneal macrophages. <i>Science Immunology</i> , 2020, 5, .	11.9	60
11	Resolution of Inflammation and Gut Repair in IBD: Translational Steps Towards Complete Mucosal Healing. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 1131-1143.	1.9	47
12	Editorial: Monocyte Heterogeneity and Function. <i>Frontiers in Immunology</i> , 2020, 11, 626725.	4.8	9
13	OTH-10...Therapeutic interleukin 4 modulates monocyte dynamics and accelerates repair following acute liver injury. , 2019, , .		0
14	An efficient method to isolate Kupffer cells eliminating endothelial cell contamination and selective bias. <i>Journal of Leukocyte Biology</i> , 2018, 104, 579-586.	3.3	51
15	Csf1r ^{-m} Apple Transgene Expression and Ligand Binding In Vivo Reveal Dynamics of CSF1R Expression within the Mononuclear Phagocyte System. <i>Journal of Immunology</i> , 2018, 200, 2209-2223.	0.8	75
16	The biology of serous cavity macrophages. <i>Cellular Immunology</i> , 2018, 330, 126-135.	3.0	51
17	Proinflammatory Role of Monocyte-Derived CX3CR1 ⁺ Macrophages in Helicobacter hepaticus-Induced Colitis. <i>Infection and Immunity</i> , 2018, 86, .	2.2	22
18	Origin, Differentiation, and Function of Intestinal Macrophages. <i>Frontiers in Immunology</i> , 2018, 9, 2733.	4.8	216

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19	Dynamics of Colon Monocyte and Macrophage Activation During Colitis. <i>Frontiers in Immunology</i> , 2018, 9, 2764.	4.8	111
20	Isolation and Identification of Murine Serous Cavity Macrophages. <i>Methods in Molecular Biology</i> , 2018, 1784, 51-67.	0.9	10
21	Isolation and Identification of Intestinal Myeloid Cells. <i>Methods in Molecular Biology</i> , 2017, 1559, 223-239.	0.9	15
22	Tissue-specific differentiation of colonic macrophages requires TGF β 2 receptor-mediated signaling. <i>Mucosal Immunology</i> , 2017, 10, 1387-1399.	6.0	126
23	Alternative monocytes settle in for the long term. <i>Nature Immunology</i> , 2017, 18, 599-600.	14.5	3
24	TGF β 2R signalling controls CD103+CD11b+ dendritic cell development in the intestine. <i>Nature Communications</i> , 2017, 8, 620.	12.8	74
25	Sweet! Helicobacter Sugar Calms Intestinal Macrophages. <i>Cell Host and Microbe</i> , 2017, 22, 719-721.	11.0	0
26	Barrier-tissue macrophages: functional adaptation to environmental challenges. <i>Nature Medicine</i> , 2017, 23, 1258-1270.	30.7	114
27	Long-lived self-renewing bone marrow-derived macrophages displace embryo-derived cells to inhabit adult serous cavities. <i>Nature Communications</i> , 2016, 7, ncomms11852.	12.8	275
28	CD4+ T-cell survival in the GI tract requires dectin-1 during fungal infection. <i>Mucosal Immunology</i> , 2016, 9, 492-502.	6.0	39
29	CSF1 Restores Innate Immunity After Liver Injury in Mice and Serum Levels Indicate Outcomes of Patients With Acute Liver Failure. <i>Gastroenterology</i> , 2015, 149, 1896-1909.e14.	1.3	156
30	Lymph-borne CD8 α ⁺ dendritic cells are uniquely able to cross-prime CD8+ T cells with antigen acquired from intestinal epithelial cells. <i>Mucosal Immunology</i> , 2015, 8, 38-48.	6.0	93
31	CCR2+CD103 ⁺ intestinal dendritic cells develop from DC-committed precursors and induce interleukin-17 production by T cells. <i>Mucosal Immunology</i> , 2015, 8, 327-339.	6.0	140
32	Macrophages in intestinal homeostasis and inflammation. <i>Immunological Reviews</i> , 2014, 260, 102-117.	6.0	466
33	Intestinal macrophages and dendritic cells: what's the difference?. <i>Trends in Immunology</i> , 2014, 35, 270-277.	6.8	201
34	Constant replenishment from circulating monocytes maintains the macrophage pool in the intestine of adult mice. <i>Nature Immunology</i> , 2014, 15, 929-937.	14.5	921
35	The MacBlue Binary Transgene (csf1r-gal4VP16/UAS-ECFP) Provides a Novel Marker for Visualisation of Subsets of Monocytes, Macrophages and Dendritic Cells and Responsiveness to CSF1 Administration. <i>PLoS ONE</i> , 2014, 9, e105429.	2.5	48
36	Resident and pro-inflammatory macrophages in the colon represent alternative context-dependent fates of the same Ly6Chi monocyte precursors. <i>Mucosal Immunology</i> , 2013, 6, 498-510.	6.0	749

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37	CD64 distinguishes macrophages from dendritic cells in the gut and reveals the inducing role of mesenteric lymph node macrophages during colitis. European Journal of Immunology, 2012, 42, 3150-3166.	2.9	430
38	CD200 receptor and macrophage function in the intestine. Immunobiology, 2012, 217, 643-651.	1.9	33
39	Intestinal macrophages – specialised adaptation to a unique environment. European Journal of Immunology, 2011, 41, 2494-2498.	2.9	93
40	An Independent Subset of TLR Expressing CCR2-Dependent Macrophages Promotes Colonic Inflammation. Journal of Immunology, 2010, 184, 6843-6854.	0.8	180