

Charlotte L Scott

List of Publications by Citations

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

5,944
citations

32
h-index

55
g-index

55
ext. papers

8,044
ext. citations

17.5
avg, IF

5.93
L-index

#	Paper	IF	Citations
51	Constant replenishment from circulating monocytes maintains the macrophage pool in the intestine of adult mice. <i>Nature Immunology</i> , 2014 , 15, 929-937	19.1	659
50	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	9.2	550
49	Unsupervised High-Dimensional Analysis Aligns Dendritic Cells across Tissues and Species. <i>Immunity</i> , 2016 , 45, 669-684	32.3	474
48	Bone marrow-derived monocytes give rise to self-renewing and fully differentiated Kupffer cells. <i>Nature Communications</i> , 2016 , 7, 10321	17.4	404
47	Yolk Sac Macrophages, Fetal Liver, and Adult Monocytes Can Colonize an Empty Niche and Develop into Functional Tissue-Resident Macrophages. <i>Immunity</i> , 2016 , 44, 755-68	32.3	334
46	A single-cell atlas of mouse brain macrophages reveals unique transcriptional identities shaped by ontogeny and tissue environment. <i>Nature Neuroscience</i> , 2019 , 22, 1021-1035	25.5	285
45	Intestinal CD103+ dendritic cells: master regulators of tolerance?. <i>Trends in Immunology</i> , 2011 , 32, 412-9	14.4	238
44	Type 2 innate lymphoid cells drive CD4+ Th2 cell responses. <i>Journal of Immunology</i> , 2014 , 192, 2442-8	5.3	229
43	Does niche competition determine the origin of tissue-resident macrophages?. <i>Nature Reviews Immunology</i> , 2017 , 17, 451-460	36.5	226
42	Intestinal CD103(-) dendritic cells migrate in lymph and prime effector T cells. <i>Mucosal Immunology</i> , 2013 , 6, 104-13	9.2	198
41	Stellate Cells, Hepatocytes, and Endothelial Cells Imprint the Kupffer Cell Identity on Monocytes Colonizing the Liver Macrophage Niche. <i>Immunity</i> , 2019 , 51, 638-654.e9	32.3	184
40	Long-lived self-renewing bone marrow-derived macrophages displace embryo-derived cells to inhabit adult serous cavities. <i>Nature Communications</i> , 2016 , 7, ncomms11852	17.4	176
39	Macrophages and lipid metabolism. <i>Cellular Immunology</i> , 2018 , 330, 27-42	4.4	159
38	IRF8 Transcription Factor Controls Survival and Function of Terminally Differentiated Conventional and Plasmacytoid Dendritic Cells, Respectively. <i>Immunity</i> , 2016 , 45, 626-640	32.3	157
37	The tumour microenvironment harbours ontogenically distinct dendritic cell populations with opposing effects on tumour immunity. <i>Nature Communications</i> , 2016 , 7, 13720	17.4	145
36	Inflammatory Type 2 cDCs Acquire Features of cDC1s and Macrophages to Orchestrate Immunity to Respiratory Virus Infection. <i>Immunity</i> , 2020 , 52, 1039-1056.e9	32.3	120
35	CCR2(+)CD103(-) intestinal dendritic cells develop from DC-committed precursors and induce interleukin-17 production by T cells. <i>Mucosal Immunology</i> , 2015 , 8, 327-39	9.2	118

34	The Transcription Factor ZEB2 Is Required to Maintain the Tissue-Specific Identities of Macrophages. <i>Immunity</i> , 2018 , 49, 312-325.e5	32.3	110
33	Interleukin-22 binding protein (IL-22BP) is constitutively expressed by a subset of conventional dendritic cells and is strongly induced by retinoic acid. <i>Mucosal Immunology</i> , 2014 , 7, 101-13	9.2	104
32	Dendritic cell subsets in the intestinal lamina propria: ontogeny and function. <i>European Journal of Immunology</i> , 2013 , 43, 3098-107	6.1	99
31	A20 critically controls microglia activation and inhibits inflammasome-dependent neuroinflammation. <i>Nature Communications</i> , 2018 , 9, 2036	17.4	92
30	The transcription factor Zeb2 regulates development of conventional and plasmacytoid DCs by repressing Id2. <i>Journal of Experimental Medicine</i> , 2016 , 213, 897-911	16.6	84
29	Development of conventional dendritic cells: from common bone marrow progenitors to multiple subsets in peripheral tissues. <i>Mucosal Immunology</i> , 2017 , 10, 831-844	9.2	82
28	Osteopontin Expression Identifies a Subset of Recruited Macrophages Distinct from Kupffer Cells in the Fatty Liver. <i>Immunity</i> , 2020 , 53, 641-657.e14	32.3	79
27	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	9.2	74
26	Barrier-tissue macrophages: functional adaptation to environmental challenges. <i>Nature Medicine</i> , 2017 , 23, 1258-1270	50.5	71
25	Mononuclear phagocytes of the intestine, the skin, and the lung. <i>Immunological Reviews</i> , 2014 , 262, 9-2411.3	11.3	69
24	Profiling peripheral nerve macrophages reveals two macrophage subsets with distinct localization, transcriptome and response to injury. <i>Nature Neuroscience</i> , 2020 , 23, 676-689	25.5	66
23	Myocardial Infarction Primes Autoreactive T Cells through Activation of Dendritic Cells. <i>Cell Reports</i> , 2017 , 18, 3005-3017	10.6	64
22	Non-alcoholic steatohepatitis induces transient changes within the liver macrophage pool. <i>Cellular Immunology</i> , 2017 , 322, 74-83	4.4	56
21	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	3.7	43
20	ZEBs: Novel Players in Immune Cell Development and Function. <i>Trends in Immunology</i> , 2019 , 40, 431-44614.4	14.4	32
19	The role of Kupffer cells in hepatic iron and lipid metabolism. <i>Journal of Hepatology</i> , 2018 , 69, 1197-119913.4	13.4	31
18	Signal regulatory protein alpha (SIRP α) regulates the homeostasis of CD103(+) CD11b(+) DCs in the intestinal lamina propria. <i>European Journal of Immunology</i> , 2014 , 44, 3658-68	6.1	22
17	Spatial proteogenomics reveals distinct and evolutionarily conserved hepatic macrophage niches.. <i>Cell</i> , 2022 , 185, 379-396.e38	56.2	20

16	OTULIN Prevents Liver Inflammation and Hepatocellular Carcinoma by Inhibiting FADD- and RIPK1 Kinase-Mediated Hepatocyte Apoptosis. <i>Cell Reports</i> , 2020 , 30, 2237-2247.e6	10.6	17
15	Macrophage Subsets in Obesity, Aligning the Liver and Adipose Tissue. <i>Frontiers in Endocrinology</i> , 2020 , 11, 259	5.7	16
14	Myocarditis Elicits Dendritic Cell and Monocyte Infiltration in the Heart and Self-Antigen Presentation by Conventional Type 2 Dendritic Cells. <i>Frontiers in Immunology</i> , 2018 , 9, 2714	8.4	15
13	Isolation and Identification of Intestinal Myeloid Cells. <i>Methods in Molecular Biology</i> , 2017 , 1559, 223-239.	1.4	12
12	Transcriptional regulation of DC fate specification. <i>Molecular Immunology</i> , 2020 , 121, 38-46	4.3	9
11	Isolation and Identification of Conventional Dendritic Cell Subsets from the Intestine of Mice and Men. <i>Methods in Molecular Biology</i> , 2016 , 1423, 101-18	1.4	6
10	WNOTCHing up the In Vitro Production of Dendritic Cells. <i>Trends in Immunology</i> , 2018 , 39, 765-767	14.4	5
9	Tissue Unit-ed: Lung Cells Team up to Drive Alveolar Macrophage Development. <i>Cell</i> , 2018 , 175, 898-900.	5.2	4
8	ILC3s control splenic cDC homeostasis via lymphotoxin signaling. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	2
7	Hepatic Macrophage Responses in Inflammation, a Function of Plasticity, Heterogeneity or Both?. <i>Frontiers in Immunology</i> , 2021 , 12, 690813	8.4	2
6	Priority lane to cDC1 open for IRF8 progenitors. <i>Blood</i> , 2019 , 133, 1795-1797	2.2	1
5	A20 deficiency in myeloid cells protects mice from diet-induced obesity and insulin resistance due to increased fatty acid metabolism. <i>Cell Reports</i> , 2021 , 36, 109748	10.6	1
4	Conventional Dendritic Cells: Identification, Subsets, Development, and Functions 2016 , 374-383		
3	The conventional dendritic cell lineage is born. <i>Nature Reviews Immunology</i> , 2021 , 21, 623	36.5	
2	In matters of the heart, (cellular) communication is key. <i>Immunity</i> , 2021 , 54, 1906-1908	32.3	
1	Welcoming c-MAF to the macrophage transcription factor VAM-ily. <i>Science Immunology</i> , 2021 , 6, eabl57938	38	