

# Charlotte L Scott

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

9,491  
citations

117625

34  
h-index

189892

50  
g-index

55  
all docs

55  
docs citations

55  
times ranked

13332  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Unsupervised High-Dimensional Analysis Aligns Dendritic Cells across Tissues and Species. <i>Immunity</i> , 2016, 45, 669-684.	14.3	683
4	Bone marrow-derived monocytes give rise to self-renewing and fully differentiated Kupffer cells. <i>Nature Communications</i> , 2016, 7, 10321.	12.8	604
5	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.	14.8	603
6	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, 755-768.	14.3	478
7	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.	14.3	384
8	Spatial proteogenomics reveals distinct and evolutionarily conserved hepatic macrophage niches. <i>Cell</i> , 2022, 185, 379-396.e38.	28.9	343
9	Does niche competition determine the origin of tissue-resident macrophages?. <i>Nature Reviews Immunology</i> , 2017, 17, 451-460.	22.7	321
10	Intestinal CD103+ dendritic cells: master regulators of tolerance?. <i>Trends in Immunology</i> , 2011, 32, 412-419.	6.8	294
11	Macrophages and lipid metabolism. <i>Cellular Immunology</i> , 2018, 330, 27-42.	3.0	289
12	Osteopontin Expression Identifies a Subset of Recruited Macrophages Distinct from Kupffer Cells in the Fatty Liver. <i>Immunity</i> , 2020, 53, 641-657.e14.	14.3	287
13	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
14	IRF8 Transcription Factor Controls Survival and Function of Terminally Differentiated Conventional and Plasmacytoid Dendritic Cells, Respectively. <i>Immunity</i> , 2016, 45, 626-640.	14.3	273
15	Type 2 Innate Lymphoid Cells Drive CD4+ Th2 Cell Responses. <i>Journal of Immunology</i> , 2014, 192, 2442-2448.	0.8	268
16	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.	14.3	237
17	Intestinal CD103 <sup>hi</sup> dendritic cells migrate in lymph and prime effector T cells. <i>Mucosal Immunology</i> , 2013, 6, 104-113.	6.0	227
18	The tumour microenvironment harbours ontogenically distinct dendritic cell populations with opposing effects on tumour immunity. <i>Nature Communications</i> , 2016, 7, 13720.	12.8	217

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19	The Transcription Factor ZEB2 Is Required to Maintain the Tissue-Specific Identities of Macrophages. <i>Immunity</i> , 2018, 49, 312-325.e5.	14.3	172
20	Development of conventional dendritic cells: from common bone marrow progenitors to multiple subsets in peripheral tissues. <i>Mucosal Immunology</i> , 2017, 10, 831-844.	6.0	155
21	A20 critically controls microglia activation and inhibits inflammasome-dependent neuroinflammation. <i>Nature Communications</i> , 2018, 9, 2036.	12.8	152
22	Profiling peripheral nerve macrophages reveals two macrophage subsets with distinct localization, transcriptome and response to injury. <i>Nature Neuroscience</i> , 2020, 23, 676-689.	14.8	148
23	CCR2+CD103 <sup>hi</sup> 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
24	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, 101-113.	6.0	130
25	The transcription factor Zeb2 regulates development of conventional and plasmacytoid DCs by repressing Id2. <i>Journal of Experimental Medicine</i> , 2016, 213, 897-911.	8.5	125
26	Dendritic cell subsets in the intestinal lamina propria: Ontogeny and function. <i>European Journal of Immunology</i> , 2013, 43, 3098-3107.	2.9	118
27	Barrier-tissue macrophages: functional adaptation to environmental challenges. <i>Nature Medicine</i> , 2017, 23, 1258-1270.	30.7	114
28	Myocardial Infarction Primes Autoreactive T Cells through Activation of Dendritic Cells. <i>Cell Reports</i> , 2017, 18, 3005-3017.	6.4	104
29	Lymph-borne CD8 <sup>hi</sup> dendritic cells are uniquely able to cross-prime CD8 <sup>+</sup> T cells with antigen acquired from intestinal epithelial cells. <i>Mucosal Immunology</i> , 2015, 8, 38-48.	6.0	93
30	Mononuclear phagocytes of the intestine, the skin, and the lung. <i>Immunological Reviews</i> , 2014, 262, 9-24.	6.0	91
31	ZEBs: Novel Players in Immune Cell Development and Function. <i>Trends in Immunology</i> , 2019, 40, 431-446.	6.8	86
32	Non-alcoholic steatohepatitis induces transient changes within the liver macrophage pool. <i>Cellular Immunology</i> , 2017, 322, 74-83.	3.0	81
33	The role of Kupffer cells in hepatic iron and lipid metabolism. <i>Journal of Hepatology</i> , 2018, 69, 1197-1199.	3.7	63
34	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
35	Macrophage Subsets in Obesity, Aligning the Liver and Adipose Tissue. <i>Frontiers in Endocrinology</i> , 2020, 11, 259.	3.5	32
36	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.	6.4	30

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37	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.	4.8	28
38	Signal regulatory protein alpha (SIRP $\alpha$ ) regulates the homeostasis of CD103 <sup>+</sup> CD11b <sup>+</sup> DCs in the intestinal lamina propria. <i>European Journal of Immunology</i> , 2014, 44, 3658-3668.	2.9	25
39	Transcriptional regulation of DC fate specification. <i>Molecular Immunology</i> , 2020, 121, 38-46.	2.2	21
40	Isolation and Identification of Intestinal Myeloid Cells. <i>Methods in Molecular Biology</i> , 2017, 1559, 223-239.	0.9	15
41	Hepatic Macrophage Responses in Inflammation, a Function of Plasticity, Heterogeneity or Both?. <i>Frontiers in Immunology</i> , 2021, 12, 690813.	4.8	15
42	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.	6.4	14
43	Isolation and Identification of Conventional Dendritic Cell Subsets from the Intestine of Mice and Men. <i>Methods in Molecular Biology</i> , 2016, 1423, 101-118.	0.9	10
44	Tissue Unit-ed: Lung Cells Team up to Drive Alveolar Macrophage Development. <i>Cell</i> , 2018, 175, 898-900.	28.9	6
45	ILC3s control splenic cDC homeostasis via lymphotoxin signaling. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	6
46	â€˜NOTCHING upâ€™ the In Vitro Production of Dendritic Cells. <i>Trends in Immunology</i> , 2018, 39, 765-767.	6.8	5
47	In matters of the heart, (cellular) communication is key. <i>Immunity</i> , 2021, 54, 1906-1908.	14.3	2
48	Priority lane to cDC1 open for IRF8+ progenitors. <i>Blood</i> , 2019, 133, 1795-1797.	1.4	1
49	The conventional dendritic cell lineage is born. <i>Nature Reviews Immunology</i> , 2021, 21, 623-623.	22.7	1
50	Welcoming c-MAF to the macrophage transcription factor VAM-ily. <i>Science Immunology</i> , 2021, 6, eabl5793.	11.9	1
51	A breath of fresh macrophages ameliorates inflammation in the hypoxic lung. <i>Nature Immunology</i> , 0, , .	14.5	1
52	Conventional Dendritic Cells: Identification, Subsets, Development, and Functions. , 2016, , 374-383.		0