Charlotte L Scott

List of Publications by Year in Descending Order

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	Spatial proteogenomics reveals distinct and evolutionarily conserved hepatic macrophage niches.. *Cell*, **2022**, 185, 379-396.e38	56.2	20
50	ILC3s control splenic cDC homeostasis via lymphotoxin signaling. *Journal of Experimental Medicine*, **2021**, 218,	16.6	2
49	Hepatic Macrophage Responses in Inflammation, a Function of Plasticity, Heterogeneity or Both?. *Frontiers in Immunology*, **2021**, 12, 690813	8.4	2
48	A20 deficiency in myeloid cells protects mice from diet-induced obesity and insulin resistance due to increased fatty acid metabolism. *Cell Reports*, **2021**, 36, 109748	10.6	1
47	The conventional dendritic cell lineage is born. *Nature Reviews Immunology*, **2021**, 21, 623	36.5	
46	In matters of the heart, (cellular) communication is key. *Immunity*, **2021**, 54, 1906-1908	32.3	
45	Welcoming c-MAF to the macrophage transcription factor VAM-ily. *Science Immunology*, **2021**, 6, eabl5793	28	
44	Inflammatory Type 2 cDCs Acquire Features of cDC1s and Macrophages to Orchestrate Immunity to Respiratory Virus Infection. *Immunity*, **2020**, 52, 1039-1056.e9	32.3	120
43	Macrophage Subsets in Obesity, Aligning the Liver and Adipose Tissue. *Frontiers in Endocrinology*, **2020**, 11, 259	5.7	16
42	Transcriptional regulation of DC fate specification. *Molecular Immunology*, **2020**, 121, 38-46	4.3	9
41	OTULIN Prevents Liver Inflammation and Hepatocellular Carcinoma by Inhibiting FADD- and RIPK1 Kinase-Mediated Hepatocyte Apoptosis. *Cell Reports*, **2020**, 30, 2237-2247.e6	10.6	17
40	Profiling peripheral nerve macrophages reveals two macrophage subsets with distinct localization, transcriptome and response to injury. *Nature Neuroscience*, **2020**, 23, 676-689	25.5	66
39	Osteopontin Expression Identifies a Subset of Recruited Macrophages Distinct from Kupffer Cells in the Fatty Liver. *Immunity*, **2020**, 53, 641-657.e14	32.3	79
38	Stellate Cells, Hepatocytes, and Endothelial Cells Imprint the Kupffer Cell Identity on Monocytes Colonizing the Liver Macrophage Niche. *Immunity*, **2019**, 51, 638-654.e9	32.3	184
37	A single-cell atlas of mouse brain macrophages reveals unique transcriptional identities shaped by ontogeny and tissue environment. *Nature Neuroscience*, **2019**, 22, 1021-1035	25.5	285
36	Priority lane to cDC1 open for IRF8 progenitors. *Blood*, **2019**, 133, 1795-1797	2.2	1
35	ZEBs: Novel Players in Immune Cell Development and Function. *Trends in Immunology*, **2019**, 40, 431-446	14.4	32

34	Macrophages and lipid metabolism. *Cellular Immunology*, **2018**, 330, 27-42	4.4	159
33	The Transcription Factor ZEB2 Is Required to Maintain the Tissue-Specific Identities of Macrophages. *Immunity*, **2018**, 49, 312-325.e5	32.3	110
32	The role of Kupffer cells in hepatic iron and lipid metabolism. *Journal of Hepatology*, **2018**, 69, 1197-1199	13.4	31
31	UNOTCHing upUthe In Vitro Production of Dendritic Cells. *Trends in Immunology*, **2018**, 39, 765-767	14.4	5
30	Myocarditis Elicits Dendritic Cell and Monocyte Infiltration in the Heart and Self-Antigen Presentation by Conventional Type 2 Dendritic Cells. *Frontiers in Immunology*, **2018**, 9, 2714	8.4	15
29	Tissue Unit-ed: Lung Cells Team up to Drive Alveolar Macrophage Development. *Cell*, **2018**, 175, 898-900	56.2	4
28	A20 critically controls microglia activation and inhibits inflammasome-dependent neuroinflammation. *Nature Communications*, **2018**, 9, 2036	17.4	92
27	Isolation and Identification of Intestinal Myeloid Cells. *Methods in Molecular Biology*, **2017**, 1559, 223-239	1.4	12
26	Development of conventional dendritic cells: from common bone marrow progenitors to multiple subsets in peripheral tissues. *Mucosal Immunology*, **2017**, 10, 831-844	9.2	82
25	Does niche competition determine the origin of tissue-resident macrophages?. *Nature Reviews Immunology*, **2017**, 17, 451-460	36.5	226
24	Myocardial Infarction Primes Autoreactive T Cells through Activation of Dendritic Cells. *Cell Reports* , **2017**, 18, 3005-3017	10.6	64
23	Barrier-tissue macrophages: functional adaptation to environmental challenges. *Nature Medicine*, **2017**, 23, 1258-1270	50.5	71
22	Non-alcoholic steatohepatitis induces transient changes within the liver macrophage pool. *Cellular Immunology*, **2017**, 322, 74-83	4.4	56
21	IRF8 Transcription Factor Controls Survival and Function of Terminally Differentiated Conventional and Plasmacytoid Dendritic Cells, Respectively. *Immunity*, **2016**, 45, 626-640	32.3	157
20	Unsupervised High-Dimensional Analysis Aligns Dendritic Cells across Tissues and Species. *Immunity* , **2016**, 45, 669-684	32.3	474
19	Conventional Dendritic Cells: Identification, Subsets, Development, and Functions **2016**, 374-383		
18	Yolk Sac Macrophages, Fetal Liver, and Adult Monocytes Can Colonize an Empty Niche and Develop into Functional Tissue-Resident Macrophages. *Immunity*, **2016**, 44, 755-68	32.3	334
17	Bone marrow-derived monocytes give rise to self-renewing and fully differentiated Kupffer cells. *Nature Communications*, **2016**, 7, 10321	17.4	404

16	Long-lived self-renewing bone marrow-derived macrophages displace embryo-derived cells to inhabit adult serous cavities. *Nature Communications*, **2016**, 7, ncomms11852	17.4	176
15	The tumour microenvironment harbours ontogenically distinct dendritic cell populations with opposing effects on tumour immunity. *Nature Communications*, **2016**, 7, 13720	17.4	145
14	The transcription factor Zeb2 regulates development of conventional and plasmacytoid DCs by repressing Id2. *Journal of Experimental Medicine*, **2016**, 213, 897-911	16.6	84
13	Isolation and Identification of Conventional Dendritic Cell Subsets from the Intestine of Mice and Men. *Methods in Molecular Biology*, **2016**, 1423, 101-18	1.4	6
12	CCR2(+)CD103(-) intestinal dendritic cells develop from DC-committed precursors and induce interleukin-17 production by T cells. *Mucosal Immunology*, **2015**, 8, 327-39	9.2	118
11	Lymph-borne CD8⍰ dendritic cells are uniquely able to cross-prime CD8+ T cells with antigen acquired from intestinal epithelial cells. *Mucosal Immunology*, **2015**, 8, 38-48	9.2	74
10	Type 2 innate lymphoid cells drive CD4+ Th2 cell responses. *Journal of Immunology*, **2014**, 192, 2442-8	5.3	229
9	Constant replenishment from circulating monocytes maintains the macrophage pool in the intestine of adult mice. *Nature Immunology*, **2014**, 15, 929-937	19.1	659
8	Interleukin-22 binding protein (IL-22BP) is constitutively expressed by a subset of conventional dendritic cells and is strongly induced by retinoic acid. *Mucosal Immunology*, **2014**, 7, 101-13	9.2	104
7	Mononuclear phagocytes of the intestine, the skin, and the lung. *Immunological Reviews*, **2014**, 262, 9-24	11.3	69
6	Signal regulatory protein alpha (SIRP⍰) regulates the homeostasis of CD103(+) CD11b(+) DCs in the intestinal lamina propria. *European Journal of Immunology*, **2014**, 44, 3658-68	6.1	22
5	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. *PLoS ONE*, **2014**, 9, e105429	3.7	43
4	Intestinal CD103(-) dendritic cells migrate in lymph and prime effector T cells. *Mucosal Immunology*, **2013**, 6, 104-13	9.2	198
3	Resident and pro-inflammatory macrophages in the colon represent alternative context-dependent fates of the same Ly6Chi monocyte precursors. *Mucosal Immunology*, **2013**, 6, 498-510	9.2	550
2	Dendritic cell subsets in the intestinal lamina propria: ontogeny and function. *European Journal of Immunology*, **2013**, 43, 3098-107	6.1	99
1	Intestinal CD103+ dendritic cells: master regulators of tolerance?. *Trends in Immunology*, **2011**, 32, 412-9	14.4	238