Allan Mci Cl I Mowat

List of Publications by Year in Descending Order

99 papers	10,012 citations	45 h-index	100 g-index
108 ext. papers	11,376 ext. citations	9.8 avg, IF	6.73 L-index

#	Paper	IF	Citations
99	The mannose receptor (CD206) identifies a population of colonic macrophages in health and inflammatory bowel disease. *Scientific Reports*, **2021**, 11, 19616	4.9	2
98	Intestinal cDC1 drive cross-tolerance to epithelial-derived antigen via induction of FoxP3CD8 T. *Science Immunology*, **2021**, 6,	28	9
97	Guardians of the epithelium: macrophages protect against toxic fungal derivatives. *Mucosal Immunology*, **2021**, 14, 542-543	9.2	
96	Historical Perspective: Metchnikoff and the intestinal microbiome. *Journal of Leukocyte Biology*, **2021**, 109, 513-517	6.5	3
95	Immunological roles of intestinal mesenchymal cells. *Immunology*, **2020**, 160, 313-324	7.8	8
94	To respond or not to respond - a personal perspective of intestinal tolerance. *Nature Reviews Immunology*, **2018**, 18, 405-415	36.5	82
93	Expression and characterization of v5 integrin on intestinal macrophages. *European Journal of Immunology*, **2018**, 48, 1181-1187	6.1	10
92	Proinflammatory Role of Monocyte-Derived CX3CR1 Macrophages in Helicobacter hepaticus-Induced Colitis. *Infection and Immunity*, **2018**, 86,	3.7	14
91	Antibiotics induce sustained dysregulation of intestinal T cell immunity by perturbing macrophage homeostasis. *Science Translational Medicine*, **2018**, 10,	17.5	104
90	Expression of the Atypical Chemokine Receptor ACKR4 Identifies a Novel Population of Intestinal Submucosal Fibroblasts That Preferentially Expresses Endothelial Cell Regulators. *Journal of Immunology*, **2018**, 201, 215-229	5.3	16
89	Isolation and Identification of Intestinal Myeloid Cells. *Methods in Molecular Biology*, **2017**, 1559, 223-239	1.4	12
88	Alternative monocytes settle in for the long term. *Nature Immunology*, **2017**, 18, 599-600	19.1	3
87	Barrier-tissue macrophages: functional adaptation to environmental challenges. *Nature Medicine*, **2017**, 23, 1258-1270	50.5	71
86	Janus-like monocytes regulate postoperative ileus. *Gut*, **2017**, 66, 2049-2050	19.2	2
85	The Intestinal Immune System **2016**, 1-12		1
84	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
83	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

82	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
81	Intestinal macrophages and dendritic cells: what□s the difference?. *Trends in Immunology*, **2014**, 35, 270-7	14.4	173
80	Constant replenishment from circulating monocytes maintains the macrophage pool in the intestine of adult mice. *Nature Immunology*, **2014**, 15, 929-937	19.1	659
79	Regional specialization within the intestinal immune system. *Nature Reviews Immunology*, **2014**, 14, 667-85	36.5	756
78	The monocyte-macrophage axis in the intestine. *Cellular Immunology*, **2014**, 291, 41-8	4.4	94
77	Dendritic cells decide CD8(+) T cell fate. *Immunity*, **2014**, 40, 311-2	32.3	
76	Macrophages in intestinal homeostasis and inflammation. *Immunological Reviews*, **2014**, 260, 102-17	11.3	328
75	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
74	Intestinal CD103(-) dendritic cells migrate in lymph and prime effector T cells. *Mucosal Immunology*, **2013**, 6, 104-13	9.2	198
73	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
72	Dendritic cell subsets in the intestinal lamina propria: ontogeny and function. *European Journal of Immunology*, **2013**, 43, 3098-107	6.1	99
71	CD64 distinguishes macrophages from dendritic cells in the gut and reveals the Th1-inducing role of mesenteric lymph node macrophages during colitis. *European Journal of Immunology*, **2012**, 42, 3150-66	6.1	352
70	CD200 receptor and macrophage function in the intestine. *Immunobiology*, **2012**, 217, 643-51	3.4	28
69	Directed antigen targeting in vivo identifies a role for CD103+ dendritic cells in both tolerogenic and immunogenic T-cell responses. *Mucosal Immunology*, **2012**, 5, 150-60	9.2	58
68	Oral tolerance to food protein. *Mucosal Immunology*, **2012**, 5, 232-9	9.2	442
67	Mucosal macrophages in intestinal homeostasis and inflammation. *Journal of Innate Immunity*, **2011** , 3, 550-64	6.9	157
66	Intestinal CD103+ dendritic cells: master regulators of tolerance?. *Trends in Immunology*, **2011**, 32, 412-9	14.4	238
65	Intestinal macrophages - specialised adaptation to a unique environment. *European Journal of Immunology*, **2011**, 41, 2494-8	6.1	75

64	Unravelling mononuclear phagocyte heterogeneity. *Nature Reviews Immunology*, **2010**, 10, 453-60	36.5	421
63	An independent subset of TLR expressing CCR2-dependent macrophages promotes colonic inflammation. *Journal of Immunology*, **2010**, 184, 6843-54	5.3	145
62	Does TLR2 regulate intestinal inflammation?. *European Journal of Immunology*, **2010**, 40, 318-20	6.1	10
61	The atypical chemokine receptor D6 contributes to the development of experimental colitis. *Journal of Immunology*, **2009**, 182, 5032-40	5.3	42
60	Simultaneous presentation and cross-presentation of immune-stimulating complex-associated cognate antigen by antigen-specific B cells. *European Journal of Immunology*, **2008**, 38, 1238-46	6.1	32
59	IL-10-dependent partial refractoriness to Toll-like receptor stimulation modulates gut mucosal dendritic cell function. *European Journal of Immunology*, **2008**, 38, 1533-47	6.1	86
58	Mucosal macrophages and the regulation of immune responses in the intestine. *Immunology Letters* , **2008**, 119, 22-31	4.1	86
57	Inverse Rap1 and phospho-ERK expression discriminate the maintenance phase of tolerance and priming of antigen-specific CD4+ T cells in vitro and in vivo. *Journal of Immunology*, **2007**, 179, 8026-34	5.3	15
56	The combined CTA1-DD/ISCOM adjuvant vector promotes priming of mucosal and systemic immunity to incorporated antigens by specific targeting of B cells. *Journal of Immunology*, **2006**, 176, 3697-706	5.3	50
55	Induction of protective and mucosal immunity against diphtheria by a immune stimulating complex (ISCOMS) based vaccine. *Vaccine*, **2006**, 24, 5201-10	4.1	25
54	Oral tolerance and allergic responses to food proteins. *Current Opinion in Allergy and Clinical Immunology*, **2006**, 6, 207-13	3.3	73
53	Dendritic cells and immune responses to orally administered antigens. *Vaccine*, **2005**, 23, 1797-9	4.1	44
52	Direct quantitation of T cell signaling by laser scanning cytometry. *Journal of Immunological Methods*, **2005**, 301, 140-53	2.5	9
51	Immunomodulatory dendritic cells in intestinal lamina propria. *European Journal of Immunology*, **2005**, 35, 1831-40	6.1	190
50	Oral Tolerance: Physiologic Basis and Clinical Applications **2005**, 487-537		12
49	Anatomical and cellular basis of immunity and tolerance in the intestine. *Journal of Pediatric Gastroenterology and Nutrition*, **2004**, 39 Suppl 3, S723-4	2.8	30
48	Differences in the kinetics, amplitude, and localization of ERK activation in anergy and priming revealed at the level of individual primary T cells by laser scanning cytometry. *Journal of Immunology*, **2004**, 173, 1579-86	5.3	30
47	Enteropathy precedes type 1 diabetes in the BB rat. *Gut*, **2004**, 53, 1437-44	19.2	63

46	Induction of bystander suppression by feeding antigen occurs despite normal clonal expansion of the bystander T cell population. *Journal of Immunology*, **2004**, 173, 6059-64	5.3	14
45	The influence of follicular migration on T-cell differentiation. *Immunology*, **2004**, 111, 248-51	7.8	15
44	Oral tolerance: overview and historical perspectives. *Annals of the New York Academy of Sciences*, **2004**, 1029, 1-8	6.5	76
43	The role of dendritic cells in regulating mucosal immunity and tolerance. *Novartis Foundation Symposium*, **2003**, 252, 291-302; discussion 302-5		24
42	Dendritic cell maturation enhances CD8+ T-cell responses to exogenous antigen via a proteasome-independent mechanism of major histocompatibility complex class I loading. *Immunology*, **2003**, 109, 374-83	7.8	25
41	The role of antigen-presenting cells and interleukin-12 in the priming of antigen-specific CD4+ T cells by immune stimulating complexes. *Immunology*, **2003**, 110, 95-104	7.8	35
40	Anatomical basis of tolerance and immunity to intestinal antigens. *Nature Reviews Immunology*, **2003**, 3, 331-41	36.5	1003
39	Coeliac disease--a meeting point for genetics, immunology, and protein chemistry. *Lancet, The*, **2003**, 361, 1290-2	40	73
38	A role for dendritic cells in the priming of antigen-specific CD4+ and CD8+ T lymphocytes by immune-stimulating complexes in vivo. *International Immunology*, **2003**, 15, 711-20	4.9	19
37	Induction of local innate immune responses and modulation of antigen uptake as mechanisms underlying the mucosal adjuvant properties of immune stimulating complexes (ISCOMS). *Vaccine*, **2002**, 20, 2254-62	4.1	29
36	Oral tolerance. *Seminars in Immunology*, **2001**, 13, 177-85	10.7	99
35	Preparation of immune stimulating complexes (ISCOMs) as adjuvants. *Current Protocols in Immunology*, **2001**, Chapter 2, Unit 2.11	4	1
34	Induction of oral tolerance in the primed immune system: influence of antigen persistence and adjuvant form. *Cellular Immunology*, **2000**, 202, 71-8	4.4	35
33	Coeliac disease--a future for peptide therapy?. *Lancet, The*, **2000**, 356, 270-1	40	10
32	Oral vaccination with immune stimulating complexes. *Immunology Letters*, **1999**, 65, 133-40	4.1	53
31	The mucosal adjuvant effects of cholera toxin and immune-stimulating complexes differ in their requirement for IL-12, indicating different pathways of action. *European Journal of Immunology*, **1999**, 29, 1774-84	6.1	45
30	Basic mechanisms and clinical implications of oral tolerance. *Current Opinion in Gastroenterology*, **1999**, 15, 546-56	3	23
29	Immunological consequences of intervention in established immune responses by feeding protein antigens. *Cellular Immunology*, **1998**, 183, 137-48	4.4	25

28	Immune stimulating complexes as mucosal vaccines. *Immunology and Cell Biology*, **1998**, 76, 263-9	5	30
27	Immune responses to dietary antigens: oral tolerance. *Trends in Immunology*, **1998**, 19, 173-81		379
26	Mechanisms of oral tolerance. *Critical Reviews in Immunology*, **1997**, 17, 119-37	1.8	67
25	The anatomical basis of intestinal immunity. *Immunological Reviews*, **1997**, 156, 145-66	11.3	382
24	Inactivation of Th1 and Th2 cells by feeding ovalbumin. *Annals of the New York Academy of Sciences*, **1996**, 778, 122-32	6.5	30
23	Polarization of Th-cell responses: a phylogenetic consequence of nonspecific immune defence?. *Trends in Immunology*, **1995**, 16, 220-3		74
22	CD4+ but not CD8+ T cells are required for the induction of oral tolerance. *International Immunology*, **1995**, 7, 501-4	4.9	138
21	Induction of Th1 and Th2 CD4+ T cell responses by oral or parenteral immunization with ISCOMS. *European Journal of Immunology*, **1995**, 25, 2835-41	6.1	79
20	Oral Tolerance and Regulation of Immunity to Dietary Antigens **1994**, 185-201		38
19	Biodegradable microparticles for oral immunization. *Vaccine*, **1993**, 11, 149-54	4.1	96
18	Analysis of enteropathy induced by tumour necrosis factor alpha. *Cytokine*, **1993**, 5, 24-30	4	71
17	Immunohistochemical analysis of mucosal gamma-interferon production in coeliac disease. *Gut*, **1992**, 33, 1482-6	19.2	23
16	Processed MHC class I alloantigen as the stimulus for CD4+ T-cell dependent antibody-mediated graft rejection. *Trends in Immunology*, **1992**, 13, 434-8		77
15	Nitric oxide mediates intestinal pathology in graft-vs.-host disease. *European Journal of Immunology* , **1992**, 22, 2141-5	6.1	90
14	ISCOMS--a novel strategy for mucosal immunization?. *Trends in Immunology*, **1991**, 12, 383-5		80
13	Studies on the immunogenicity of an endogenously processed protein antigen in mice. *Immunology Letters*, **1991**, 27, 243-9	4.1	2
12	Human intraepithelial lymphocytes. *Seminars in Immunopathology*, **1990**, 12, 165-90		29
11	Clues to the Pathogenesis of Immunologically Mediated Enteropathies from Experimental Studies of Intestinal Graft-versus-Host Reaction **1990**, 137-149		

10	Immunological Tolerance to Dietary Proteins **1990**, 161-172		
9	Induction of intestinal graft-versus-host reactions across mutant major histocompatibility antigens by T lymphocyte subsets in mice. *Transplantation*, **1989**, 47, 857-63	1.8	15
8	A genetically determined lack of oral tolerance to ovalbumin is due to failure of the immune system to respond to intestinally derived tolerogen. *European Journal of Immunology*, **1987**, 17, 1673-6	6.1	29
7	The regulation of immune responses to dietary protein antigens. *Trends in Immunology*, **1987**, 8, 93-8		455
6	Evidence that Ia+ bone-marrow-derived cells are the stimulus for the intestinal phase of the murine graft-versus-host reaction. *Transplantation*, **1986**, 42, 141-4	1.8	12
5	HYPERSENSITIVITY REACTIONS IN THE SMALL INTESTINE. *Transplantation*, **1986**, 41, 192-198	1.8	26
4	Contrasuppressor cells in mucosal immunity. *Trends in Immunology*, **1986**, 7, 255		2
3	NK cell lineage and target specificity: a unifying concept. *Trends in Immunology*, **1986**, 7, 191		
2	Pathogenesis of the intestinal phase of the graft-versus-host reaction in F1 hybrid mice. *Advances in Experimental Medicine and Biology*, **1985**, 186, 531-8	3.6	
1	Augmentation of intestinal and peripheral natural killer cell activity during the graft-versus-host reaction in mice. *Transplantation*, **1983**, 36, 513-9	1.8	45