Allan Mci Cl I Mowat

List of Publications by Year
in descending order

103 papers	12,457 citations	50276 46 h-index	37204 96 g-index
108 all docs	108 docs citations	108 times ranked	13447 citing authors

#	Article	IF	Citations
1	IRF8 deficiency induces the transcriptional, functional, and epigenetic reprogramming of cDC1 into the cDC2 lineage. Immunity, 2022, 55, 1431-1447.e11.	14.3	16
2	Guardians of the epithelium: macrophages protect against toxic fungal derivatives. Mucosal Immunology, 2021, 14, 542-543.	6.0	1
3	Historical Perspective: Metchnikoff and the intestinal microbiome. Journal of Leukocyte Biology, 2021, 109, 513-517.	3.3	6
4	Intestinal cDC1 drive cross-tolerance to epithelial-derived antigen via induction of FoxP3 ⁺ CD8 ⁺ T _{regs}. Science Immunology, 2021, 6, .	11.9	28
5	Monocytes mediate <i>Salmonella Typhimurium</i>â€‑induced tumor growth inhibition in a mouse melanoma model. European Journal of Immunology, 2021, 51, 3228-3238.	2.9	6
6	The mannose receptor (CD206) identifies a population of colonic macrophages in health and inflammatory bowel disease. Scientific Reports, 2021, 11, 19616.	3.3	21
7	Immunological roles of intestinal mesenchymal cells. Immunology, 2020, 160, 313-324.	4.4	16
8	To respond or not to respond â€” a personal perspective of intestinal tolerance. Nature Reviews Immunology, 2018, 18, 405-415.	22.7	130
9	Expression and characterization of Î±vÎ²5 integrin on intestinal macrophages. European Journal of Immunology, 2018, 48, 1181-1187.	2.9	17
10	Proinflammatory Role of Monocyte-Derived CX3CR1 ^{int} Macrophages in Helicobacter hepaticus-Induced Colitis. Infection and Immunity, 2018, 86, .	2.2	22
11	Antibiotics induce sustained dysregulation of intestinal T cell immunity by perturbing macrophage homeostasis. Science Translational Medicine, 2018, 10, .	12.4	200
12	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.	0.8	31
13	Isolation and Identification of Intestinal Myeloid Cells. Methods in Molecular Biology, 2017, 1559, 223-239.	0.9	15
14	Alternative monocytes settle in for the long term. Nature Immunology, 2017, 18, 599-600.	14.5	3
15	Barrier-tissue macrophages: functional adaptation to environmental challenges. Nature Medicine, 2017, 23, 1258-1270.	30.7	114
16	Janus-like monocytes regulate postoperative ileus. Gut, 2017, 66, 2049-2050.	12.1	2
17	The Intestinal Immune System. , 2016, , 1-12.		1
18	Isolation and Identification of Conventional Dendritic Cell Subsets from the Intestine of Mice and Men. Methods in Molecular Biology, 2016, 1423, 101-118.	0.9	10

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19	Lymph-borne CD8Î±+ dendritic cells are uniquely able to cross-prime CD8+ T cells with antigen acquired from intestinal epithelial cells. Mucosal Immunology, 2015, 8, 38-48.	6.0	93
20	CCR2+CD103âˆ’ intestinal dendritic cells develop from DC-committed precursors and induce interleukin-17 production by T cells. Mucosal Immunology, 2015, 8, 327-339.	6.0	140
21	Macrophages in intestinal homeostasis and inflammation. Immunological Reviews, 2014, 260, 102-117.	6.0	466
22	Signal regulatory protein alpha (SIRPÎ±) regulates the homeostasis of CD103⁺CD11b⁺<scp>DC</scp>s in the intestinal lamina propria. European Journal of Immunology, 2014, 44, 3658-3668.	2.9	25
23	Intestinal macrophages and dendritic cells: what's the difference?. Trends in Immunology, 2014, 35, 270-277.	6.8	201
24	Constant replenishment from circulating monocytes maintains the macrophage pool in the intestine of adult mice. Nature Immunology, 2014, 15, 929-937.	14.5	921
25	Regional specialization within the intestinal immune system. Nature Reviews Immunology, 2014, 14, 667-685.	22.7	1,155
26	The monocyte-macrophage axis in the intestine. Cellular Immunology, 2014, 291, 41-48.	3.0	129
27	Dendritic Cells Decide CD8+ T Cell Fate. Immunity, 2014, 40, 311-312.	14.3	0
28	Intestinal CD103âˆ’ dendritic cells migrate in lymph and prime effector T cells. Mucosal Immunology, 2013, 6, 104-113.	6.0	227
29	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.	6.0	749
30	Dendritic cell subsets in the intestinal lamina propria: Ontogeny and function. European Journal of Immunology, 2013, 43, 3098-3107.	2.9	118
31	Directed antigen targeting in vivo identifies a role for CD103+ dendritic cells in both tolerogenic and immunogenic T-cell responses. Mucosal Immunology, 2012, 5, 150-160.	6.0	67
32	Oral tolerance to food protein. Mucosal Immunology, 2012, 5, 232-239.	6.0	540
33	<scp>CD</scp>64 distinguishes macrophages from dendritic cells in the gut and reveals the <scp>T</scp>h1â€inducing role of mesenteric lymph node macrophages during colitis. European Journal of Immunology, 2012, 42, 3150-3166.	2.9	430
34	CD200 receptor and macrophage function in the intestine. Immunobiology, 2012, 217, 643-651.	1.9	33
35	Mucosal Macrophages in Intestinal Homeostasis and Inflammation. Journal of Innate Immunity, 2011, 3, 550-564.	3.8	191
36	Intestinal CD103+ dendritic cells: master regulators of tolerance?. Trends in Immunology, 2011, 32, 412-419.	6.8	294

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37	Intestinal macrophages â€“ specialised adaptation to a unique environment. European Journal of Immunology, 2011, 41, 2494-2498.	2.9	93
38	Innate Immunity in the Intestine. Journal of Innate Immunity, 2011, 3, 541-542.	3.8	2
39	Does TLR2 regulate intestinal inflammation?. European Journal of Immunology, 2010, 40, 318-320.	2.9	10
40	Unravelling mononuclear phagocyte heterogeneity. Nature Reviews Immunology, 2010, 10, 453-460.	22.7	461
41	An Independent Subset of TLR Expressing CCR2-Dependent Macrophages Promotes Colonic Inflammation. Journal of Immunology, 2010, 184, 6843-6854.	0.8	180
42	News & Highlights. Mucosal Immunology, 2010, 3, 420-421.	6.0	12
43	The Atypical Chemokine Receptor D6 Contributes to the Development of Experimental Colitis. Journal of Immunology, 2009, 182, 5032-5040.	0.8	46
44	Simultaneous presentation and crossâ€presentation of immuneâ€stimulating complexâ€associated cognate antigen by antigenâ€specific B cells. European Journal of Immunology, 2008, 38, 1238-1246.	2.9	36
45	ILâ€10â€dependent partial refractoriness to Tollâ€like receptor stimulation modulates gut mucosal dendritic cell function. European Journal of Immunology, 2008, 38, 1533-1547.	2.9	89
46	Mucosal macrophages and the regulation of immune responses in the intestine. Immunology Letters, 2008, 119, 22-31.	2.5	103
47	The Role of Dendritic Cells in Regulating Mucosal Immunity and Tolerance. Novartis Foundation Symposium, 2008, 252, 291-305.	1.1	32
48	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, 8026-8034.	0.8	15
49	Induction of protective and mucosal immunity against diphtheria by a immune stimulating complex (ISCOMS) based vaccine. Vaccine, 2006, 24, 5201-5210.	3.8	32
50	Oral tolerance and allergic responses to food proteins. Current Opinion in Allergy and Clinical Immunology, 2006, 6, 207-213.	2.3	92
51	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, 3697-3706.	0.8	56
52	Direct quantitation of T cell signaling by laser scanning cytometry. Journal of Immunological Methods, 2005, 301, 140-153.	1.4	9
53	Immunomodulatory dendritic cells in intestinal lamina propria. European Journal of Immunology, 2005, 35, 1831-1840.	2.9	212
54	Oral Tolerance: Physiologic Basis and Clinical Applications. , 2005, , 487-537.		13

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55	Dendritic cells and immune responses to orally administered antigens. Vaccine, 2005, 23, 1797-1799.	3.8	55
56	Anatomical and Cellular Basis of Immunity and Tolerance in the Intestine. Journal of Pediatric Gastroenterology and Nutrition, 2004, 39, S723-S724.	1.8	34
57	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, 1579-1586.	0.8	30
58	Enteropathy precedes type 1 diabetes in the BB rat. Gut, 2004, 53, 1437-1444.	12.1	69
59	Induction of Bystander Suppression by Feeding Antigen Occurs despite Normal Clonal Expansion of the Bystander T Cell Population. Journal of Immunology, 2004, 173, 6059-6064.	0.8	17
60	The influence of follicular migration on T-cell differentiation. Immunology, 2004, 111, 248-251.	4.4	15
61	Oral Tolerance: Overview and Historical Perspectives. Annals of the New York Academy of Sciences, 2004, 1029, 1-8.	3.8	91
62	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, 374-383.	4.4	25
63	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.	4.4	35
64	Anatomical basis of tolerance and immunity to intestinal antigens. Nature Reviews Immunology, 2003, 3, 331-341.	22.7	1,151
65	Coeliac diseaseâ€"a meeting point for genetics, immunology, and protein chemistry. Lancet, The, 2003, 361, 1290-1292.	13.7	87
66	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, 711-720.	4.0	23
67	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, 2254-2262.	3.8	32
68	Oral tolerance. Seminars in Immunology, 2001, 13, 177-185.	5.6	109
69	Induction of Oral Tolerance in the Primed Immune System: Influence of Antigen Persistence and Adjuvant Form. Cellular Immunology, 2000, 202, 71-78.	3.0	39
70	Coeliac diseaseâ€"a future for peptide therapy?. Lancet, The, 2000, 356, 270-271.	13.7	11
71	Oral vaccination with immune stimulating complexes. Immunology Letters, 1999, 65, 133-140.	2.5	54
72	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, 1774-1784.	2.9	48

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73	Basic mechanisms and clinical implications of oral tolerance. Current Opinion in Gastroenterology, 1999, 15, 546.	2.3	25
74	Immunological Consequences of Intervention in Established Immune Responses by Feeding Protein Antigens. Cellular Immunology, 1998, 183, 137-148.	3.0	28
75	Immune stimulating complexes as mucosal vaccines. Immunology and Cell Biology, 1998, 76, 263-269.	2.3	34
76	Immune responses to dietary antigens: oral tolerance. Trends in Immunology, 1998, 19, 173-181.	7.5	423
77	Mechanisms of Oral Tolerance. Critical Reviews in Immunology, 1997, 17, 119-137.	0.5	78
78	The anatomical basis of intestinal immunity. Immunological Reviews, 1997, 156, 145-166.	6.0	446
79	Inactivation of Th1 and Th2 Cells by Feeding Ovalbumina. Annals of the New York Academy of Sciences, 1996, 778, 122-132.	3.8	37
80	Induction of Th1 and Th2 CD4+ T cell responses by oral or parenteral immunization with ISCOMS. European Journal of Immunology, 1995, 25, 2835-2841.	2.9	88
81	Polarization of Th-cell responses: a phylogenetic consequence of nonspecific immune defence?. Trends in Immunology, 1995, 16, 220-223.	7.5	85
82	CD4+ but not CD8+T cells are required for the induction of oral tolerance. International Immunology, 1995, 7, 501-504.	4.0	152
83	Preparation of Immune Stimulating Complexes (ISCOM s) as Adjuvants. Current Protocols in Immunology, 1995, 16, Unit 2.11.	3.6	3
84	Oral Tolerance and Regulation of Immunity to Dietary Antigens. , 1994, , 185-201.		48
85	Analysis of enteropathy induced by tumour necrosis factor Î±. Cytokine, 1993, 5, 24-30.	3.2	76
86	Biodegradable microparticles for oral immunization. Vaccine, 1993, 11, 149-154.	3.8	121
87	Immunohistochemical analysis of mucosal gamma-interferon production in coeliac disease.. Gut, 1992, 33, 1482-1486.	12.1	24
88	Processed MHC class I alloantigen as the stimulus for CD4+ T-cell dependent antibody-mediated graft rejection. Trends in Immunology, 1992, 13, 434-438.	7.5	80
89	Nitric oxide mediates intestinal pathology in graft-vs.-host disease. European Journal of Immunology, 1992, 22, 2141-2145.	2.9	101
90	ISCOMS â€" a novel strategy for mucosal immunization?. Trends in Immunology, 1991, 12, 383-385.	7.5	90

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91	Studies on the immunogenicity of an endogenously processed protein antigen in mice. Immunology Letters, 1991, 27, 243-249.	2.5	2
92	Human intraepithelial lymphocytes. Seminars in Immunopathology, 1990, 12, 165-190.	4.0	32
93	Clues to the Pathogenesis of Immunologically Mediated Enteropathies from Experimental Studies of Intestinal Graft-versus-Host Reaction. , 1990, , 137-149.		0
94	Immunological Tolerance to Dietary Proteins. , 1990, , 161-172.		0
95	INDUCTION OF INTESTINAL GRAFT-VERSUS-HOST REACTIONS ACROSS MUTANT MAJOR HISTOCOMPATIBILITY ANTIGENS BY T LYMPHOCYTE SUBSETS IN MICE. Transplantation, 1989, 47, 857-863.	1.0	19
96	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, 1673-1676.	2.9	31
97	The regulation of immune responses to dietary protein antigens. Trends in Immunology, 1987, 8, 93-98.	7.5	493
98	EVIDENCE THAT Ia+ BONE-MARROW-DERIVED CELLS ARE THE STIMULUS FOR THE INTESTINAL PHASE OF THE MURINE GRAFT-VERSUS-HOST REACTION. Transplantation, 1986, 42, 141-143.	1.0	13
99	HYPERSENSITIVITY REACTIONS IN THE SMALL INTESTINE. Transplantation, 1986, 41, 192-198.	1.0	26
100	Contrasuppressor cells in mucosal immunity. Trends in Immunology, 1986, 7, 255.	7.5	2
101	NK cell lineage and target specificity: a unifying concept. Trends in Immunology, 1986, 7, 191.	7.5	0
102	Pathogenesis of the Intestinal Phase of the Graft-Versus-Host Reaction inn F1 Hybrid Mice. , 1985, 186, 531-538.		0
103	AUGMENTATION OF INTESTINAL AND PERIPHERAL NATURAL KILLER CELL ACTIVITY DURING THE GRAFT-VERSUS-HOST REACTION IN MICE. Transplantation, 1983, 36, 513-519.	1.0	50