Andrew L Mellor

List of Publications by Year in Descending Order

124 papers	19,504 citations	59 h-index	127 g-index
127 ext. papers	21,757 ext. citations	9.3 avg, IF	6.85 L-index

#	Paper	IF	Citations
124	Indoleamine 2,3 dioxygenase, age, and immune activation in people living with HIV. *Journal of Investigative Medicine*, **2021**, 69, 1238-1244	2.9	1
123	The immunotherapeutic role of indoleamine 2,3-dioxygenase in head and neck squamous cell carcinoma: A systematic review. *Clinical Otolaryngology*, **2021**, 46, 919-934	1.8	6
122	Novel delivery of cellular therapy to reduce ischemia reperfusion injury in kidney transplantation. *American Journal of Transplantation*, **2021**, 21, 1402-1414	8.7	15
121	Exosome-derived miR-142-5p remodels lymphatic vessels and induces IDO to promote immune privilege in the tumour microenvironment. *Cell Death and Differentiation*, **2021**, 28, 715-729	12.7	13
120	STING negatively regulates allogeneic T-cell responses by constraining antigen-presenting cell function. *Cellular and Molecular Immunology*, **2021**, 18, 632-643	15.4	1
119	CD40 Accelerates the Antigen-Specific Stem-Like Memory CD8 T Cells Formation and Human Papilloma Virus (HPV)-Positive Tumor Eradication. *Frontiers in Immunology*, **2020**, 11, 1012	8.4	3
118	Poly(ethylene glycol)-interpenetrated genipin-crosslinked chitosan hydrogels: Structure, pH responsiveness, gelation kinetics, and rheology. *Journal of Applied Polymer Science*, **2020**, 137, 49259	2.9	9
117	Co-treatments to Boost IDO Activity and Inhibit Production of Downstream Catabolites Induce Durable Suppression of Experimental Autoimmune Encephalomyelitis. *Frontiers in Immunology*, **2020**, 11, 1256	8.4	4
116	CD73 on cancer-associated fibroblasts enhanced by the A-mediated feedforward circuit enforces an immune checkpoint. *Nature Communications*, **2020**, 11, 515	17.4	56
115	Overcoming resistance to STING agonist therapy to incite durable protective antitumor immunity **2020**, 8,		16
114	A Validation Study on IDO Immune Biomarkers for Survival Prediction in Non-Small Cell Lung Cancer: Radiation Dose Fractionation Effect in Early-Stage Disease. *Clinical Cancer Research*, **2020**, 26, 282-289	12.9	12
113	Limited Effect of Indolamine 2,3-Dioxygenase Expression and Enzymatic Activity on Lupus-Like Disease in B6.Nba2 Mice. *Frontiers in Immunology*, **2019**, 10, 2017	8.4	3
112	Metabolic requirements for expanding and arming a clone army. *Nature Immunology*, **2019**, 20, 118-120	19.1	
111	Immune control by amino acid catabolism during tumorigenesis and therapy. *Nature Reviews Cancer* , **2019**, 19, 162-175	31.3	95
110	Adoptive CD8 T cell therapy against cancer:Challenges and opportunities. *Cancer Letters*, **2019**, 462, 23-32	6.9	40
109	Stimulator of interferon genes agonists attenuate type I diabetes progression in NOD mice. *Immunology*, **2019**, 158, 353-361	7.8	14
108	IDO Immune Status after Chemoradiation May Predict Survival in Lung Cancer Patients. *Cancer Research*, **2018**, 78, 809-816	10.1	44

107	639. Indoleamine 2,3 Dioxygenase, Age, and Chronic Immune Activation in HIV Patients. *Open Forum Infectious Diseases*, **2018**, 5, S232-S232	1	78
106	Soluble CD83 Inhibits T Cell Activation by Binding to the TLR4/MD-2 Complex on CD14 Monocytes. *Journal of Immunology*, **2017**, 198, 2286-2301	5.3	35
105	Carbidopa, a drug in use for management of Parkinson disease inhibits T cell activation and autoimmunity. *PLoS ONE*, **2017**, 12, e0183484	3.7	17
104	Indoleamine 2,3-Dioxygenase and Tolerance: Where Are We Now?. *Frontiers in Immunology*, **2017**, 8, 1368	8.4	120
103	IDO in the Tumor Microenvironment: Inflammation, Counter-Regulation, and Tolerance. *Trends in Immunology*, **2016**, 37, 193-207	14.4	543
102	STING Promotes the Growth of Tumors Characterized by Low Antigenicity via IDO Activation. *Cancer Research*, **2016**, 76, 2076-81	10.1	152
101	Deletion of LRP5 and LRP6 in dendritic cells enhances antitumor immunity. *OncoImmunology*, **2016**, 5, e1115941	7.2	43
100	Virus Infections Incite Pain Hypersensitivity by Inducing Indoleamine 2,3 Dioxygenase. *PLoS Pathogens*, **2016**, 12, e1005615	7.6	31
99	Canonical wnt signaling in dendritic cells regulates Th1/Th17 responses and suppresses autoimmune neuroinflammation. *Journal of Immunology*, **2015**, 194, 3295-304	5.3	74
98	Total and differential white blood cell counts, high-sensitivity C-reactive protein, and cardiovascular risk in non-affective psychoses. *Brain, Behavior, and Immunity*, **2015**, 45, 28-35	16.6	24
97	Catenin promotes regulatory T-cell responses in tumors by inducing vitamin A metabolism in dendritic cells. *Cancer Research*, **2015**, 75, 656-665	10.1	71
96	The PTEN pathway in Tregs functions as a critical driver of the immunosuppressive tumor microenvironment and tolerance to apoptotic cells **2015**, 3, O19		50
95	Alkylating agent melphalan augments the efficacy of adoptive immunotherapy using tumor-specific CD4+ T cells. *Journal of Immunology*, **2015**, 194, 2011-21	5.3	41
94	Amino acid metabolism inhibits antibody-driven kidney injury by inducing autophagy. *Journal of Immunology*, **2015**, 194, 5713-24	5.3	21
93	The PTEN pathway in Tregs is a critical driver of the suppressive tumor microenvironment. *Science Advances*, **2015**, 1, e1500845	14.3	113
92	STING, nanoparticles, autoimmune disease and cancer: a novel paradigm for immunotherapy?. *Expert Review of Clinical Immunology*, **2015**, 11, 155-65	5.1	17
91	IFN regulatory factor 8 represses GM-CSF expression in T cells to affect myeloid cell lineage differentiation. *Journal of Immunology*, **2015**, 194, 2369-79	5.3	38
90	Cytosolic DNA sensing via the stimulator of interferon genes adaptor: Yin and Yang of immune responses to DNA. *European Journal of Immunology*, **2014**, 44, 2847-53	6.1	23

89	Activation of the STING adaptor attenuates experimental autoimmune encephalitis. *Journal of Immunology*, **2014**, 192, 5571-8	5.3	66
88	TLR2-dependent activation of β-catenin pathway in dendritic cells induces regulatory responses and attenuates autoimmune inflammation. *Journal of Immunology*, **2014**, 193, 4203-13	5.3	53
87	Immunosuppressive myeloid cells induced by chemotherapy attenuate antitumor CD4+ T-cell responses through the PD-1-PD-L1 axis. *Cancer Research*, **2014**, 74, 3441-53	10.1	100
86	Indoleamine 2,3-dioxygenase (IDO) activity during the primary immune response to influenza infection modifies the memory T cell response to influenza challenge. *Viral Immunology*, **2014**, 27, 112-23	1.7	22
85	Indoleamine 2,3-dioxygenase inhibition alters the non-coding RNA transcriptome following renal ischemia-reperfusion injury. *Transplant Immunology*, **2014**, 30, 140-4	1.7	3
84	Marginal zone CD169+ macrophages coordinate apoptotic cell-driven cellular recruitment and tolerance. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 4215-20	11.5	74
83	IDO2 is critical for IDO1-mediated T-cell regulation and exerts a non-redundant function in inflammation. *International Immunology*, **2014**, 26, 357-67	4.9	137
82	Metabolic control of tumour progression and antitumour immunity. *Current Opinion in Oncology*, **2014**, 26, 92-9	4.2	16
81	The indoleamine 2,3-dioxygenase pathway controls complement-dependent enhancement of chemo-radiation therapy against murine glioblastoma **2014**, 2, 21		116
80	GCN2-dependent metabolic stress is essential for endotoxemic cytokine induction and pathology. *Molecular and Cellular Biology*, **2014**, 34, 428-38	4.8	51
79	T cell costimulation molecules CD80/86 inhibit osteoclast differentiation by inducing the IDO/tryptophan pathway. *Science Translational Medicine*, **2014**, 6, 235ra60	17.5	110
78	A systematic, quantitative review of blood autoantibodies in schizophrenia. *Schizophrenia Research*, **2013**, 150, 245-51	3.6	79
77	Meta-analysis of lymphocytes in schizophrenia: clinical status and antipsychotic effects. *Biological Psychiatry*, **2013**, 73, 993-9	7.9	128
76	Cutting edge: DNA sensing via the STING adaptor in myeloid dendritic cells induces potent tolerogenic responses. *Journal of Immunology*, **2013**, 191, 3509-13	5.3	100
75	Indoleamine 2,3 dioxygenase and metabolic control of immune responses. *Trends in Immunology*, **2013**, 34, 137-43	14.4	676
74	Total and differential white blood cell counts, high-sensitivity C-reactive protein, and the metabolic syndrome in non-affective psychoses. *Brain, Behavior, and Immunity*, **2013**, 31, 82-9	16.6	42
73	Inhibition of indoleamine 2,3-dioxygenase enhances the T-cell response to influenza virus infection. *Journal of General Virology*, **2013**, 94, 1451-1461	4.9	42
72	B7h (ICOS-L) maintains tolerance at the fetomaternal interface. *American Journal of Pathology*, **2013**, 182, 2204-13	5.8	24

71	An inherently bifunctional subset of Foxp3+ T helper cells is controlled by the transcription factor eos. *Immunity*, **2013**, 38, 998-1012	32.3	130
70	Cytokine profiling of young overweight and obese female African American adults with prediabetes. *Cytokine*, **2013**, 64, 310-5	4	37
69	Local administration of TLR ligands rescues the function of tumor-infiltrating CD8 T cells and enhances the antitumor effect of lentivector immunization. *Journal of Immunology*, **2013**, 190, 5866-73	5.3	22
68	Constitutively CD40-activated B cells regulate CD8 T cell inflammatory response by IL-10 induction. *Journal of Immunology*, **2013**, 190, 3189-96	5.3	8
67	Induction and role of indoleamine 2,3 dioxygenase in mouse models of influenza a virus infection. *PLoS ONE*, **2013**, 8, e66546	3.7	41
66	Indoleamine-2,3-Dioxygenase Restrains Hypertension Induced by Angiotensin II in Rats Fed a High Salt Diet. *FASEB Journal*, **2013**, 27, 1115.2	0.9	
65	Polyfunctional CD4+ T cells are essential for eradicating advanced B-cell lymphoma after chemotherapy. *Blood*, **2012**, 120, 2229-39	2.2	58
64	Amino acid catabolism: a pivotal regulator of innate and adaptive immunity. *Immunological Reviews*, **2012**, 249, 135-57	11.3	122
63	Altered tryptophan metabolism as a paradigm for good and bad aspects of immune privilege in chronic inflammatory diseases. *Frontiers in Immunology*, **2012**, 3, 109	8.4	15
62	Engineering DNA nanoparticles as immunomodulatory reagents that activate regulatory T cells. *Journal of Immunology*, **2012**, 188, 4913-20	5.3	58
61	Opposing biological functions of tryptophan catabolizing enzymes during intracellular infection. *Journal of Infectious Diseases*, **2012**, 205, 152-61	7	90
60	Tolerance to apoptotic cells is regulated by indoleamine 2,3-dioxygenase. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 3909-14	11.5	138
59	Meta-analysis of cytokine alterations in schizophrenia: clinical status and antipsychotic effects. *Biological Psychiatry*, **2011**, 70, 663-71	7.9	1146
58	Highlights of 10 years of immunology in Nature Reviews Immunology. *Nature Reviews Immunology*, **2011**, 11, 693-702	36.5	75
57	Deficient tryptophan catabolism along the kynurenine pathway reveals that the epididymis is in a unique tolerogenic state. *Journal of Biological Chemistry*, **2011**, 286, 8030-8042	5.4	40
56	Leishmania major attenuates host immunity by stimulating local indoleamine 2,3-dioxygenase expression. *Journal of Infectious Diseases*, **2011**, 203, 715-25	7	63
55	Viral infection prevents diabetes by inducing regulatory T cells through NKT cell-plasmacytoid dendritic cell interplay. *Journal of Experimental Medicine*, **2011**, 208, 729-45	16.6	71
54	Physiologic control of IDO competence in splenic dendritic cells. *Journal of Immunology*, **2011**, 187, 2329-35	5.3	63

53	Physiologic control of the functional status of Foxp3+ regulatory T cells. *Journal of Immunology*, **2011**, 186, 4535-40	5.3	52
52	Kynurenine is an endothelium-derived relaxing factor produced during inflammation. *Nature Medicine*, **2010**, 16, 279-85	50.5	322
51	CD4(+)CD25(+) regulatory T cells resist a novel form of CD28- and Fas-dependent p53-induced T cell apoptosis. *Journal of Immunology*, **2010**, 184, 94-104	5.3	22
50	Mouse mesenchymal stem cells suppress antigen-specific TH cell immunity independent of indoleamine 2,3-dioxygenase 1 (IDO1). *Stem Cells and Development*, **2010**, 19, 657-68	4.4	43
49	Blockade of programmed death-1 pathway rescues the effector function of tumor-infiltrating T cells and enhances the antitumor efficacy of lentivector immunization. *Journal of Immunology*, **2010** , 185, 5082-92	5.3	57
48	B-lymphoid cells with attributes of dendritic cells regulate T cells via indoleamine 2,3-dioxygenase. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 10644-8	11.5	41
47	Dendritic cells, indoleamine 2,3 dioxygenase and acquired immune privilege. *International Reviews of Immunology*, **2010**, 29, 133-55	4.6	82
46	Chemotherapy rescues tumor-driven aberrant CD4+ T-cell differentiation and restores an activated polyfunctional helper phenotype. *Blood*, **2010**, 115, 2397-406	2.2	57
45	Reprogrammed foxp3(+) regulatory T cells provide essential help to support cross-presentation and CD8(+) T cell priming in naive mice. *Immunity*, **2010**, 33, 942-54	32.3	144
44	Indoleamine 2,3-dioxygenase controls conversion of Foxp3+ Tregs to TH17-like cells in tumor-draining lymph nodes. *Blood*, **2009**, 113, 6102-11	2.2	326
43	Infectious tolerance via the consumption of essential amino acids and mTOR signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 12055-60	11.5	254
42	IDO activates regulatory T cells and blocks their conversion into Th17-like T cells. *Journal of Immunology*, **2009**, 183, 2475-83	5.3	362
41	Effect of indoleamine dioxygenase-1 deficiency and kynurenine pathway inhibition on murine cerebral malaria. *International Journal for Parasitology*, **2009**, 39, 363-70	4.3	20
40	T cell regulatory plasmacytoid dendritic cells expressing indoleamine 2,3 dioxygenase. *Handbook of Experimental Pharmacology*, **2009**, 165-96	3.2	20
39	Allostimulatory activity of bone marrow-derived plasmacytoid dendritic cells is independent of indoleamine dioxygenase but regulated by inducible costimulator ligand expression. *Human Immunology*, **2009**, 70, 313-20	2.3	11
38	IFN-gamma-indoleamine-2,3 dioxygenase acts as a major suppressive factor in 4-1BB-mediated immune suppression in vivo. *Journal of Leukocyte Biology*, **2009**, 85, 817-25	6.5	13
37	Inducing the tryptophan catabolic pathway, indoleamine 2,3-dioxygenase (IDO), for suppression of graft-versus-host disease (GVHD) lethality. *Blood*, **2009**, 114, 5062-70	2.2	110
36	Targeting the immunoregulatory indoleamine 2,3 dioxygenase pathway in immunotherapy. *Immunotherapy*, **2009**, 1, 645-61	3.8	49

35	Inducing the Tryptophan Catabolic Pathway, Indoleamine 2,3-Dioxygenase (IDO), for Suppression of Graft-Versus-Host Disease (GVHD) Lethality.. *Blood*, **2009**, 114, 3547-3547	2.2	
34	Creating immune privilege: active local suppression that benefits friends, but protects foes. *Nature Reviews Immunology*, **2008**, 8, 74-80	36.5	273
33	Chronic inflammation that facilitates tumor progression creates local immune suppression by inducing indoleamine 2,3 dioxygenase. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 17073-8	11.5	188
32	Indoleamine 2,3-dioxygenase expression promotes renal ischemia-reperfusion injury. *American Journal of Physiology - Renal Physiology*, **2008**, 295, F226-34	4.3	50
31	Deficiency of indoleamine 2,3-dioxygenase enhances commensal-induced antibody responses and protects against Citrobacter rodentium-induced colitis. *Infection and Immunity*, **2008**, 76, 3045-53	3.7	56
30	Indoleamine 2,3-dioxygenase in lung dendritic cells promotes Th2 responses and allergic inflammation. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 6690-5	11.5	104
29	Indoleamine 2,3-dioxygenase is a critical regulator of acute graft-versus-host disease lethality. *Blood*, **2008**, 111, 3257-65	2.2	130
28	Cell-autonomous control of interferon type I expression by indoleamine 2,3-dioxygenase in regulatory CD19+ dendritic cells. *European Journal of Immunology*, **2007**, 37, 1064-71	6.1	88
27	Decreased protein nitration in macrophages that overexpress indoleamine 2, 3-dioxygenase. *Cellular and Molecular Biology Letters*, **2007**, 12, 82-102	8.1	11
26	Inhibition of indoleamine 2,3-dioxygenase in dendritic cells by stereoisomers of 1-methyl-tryptophan correlates with antitumor responses. *Cancer Research*, **2007**, 67, 792-801	10.1	492
25	Role of CD28 in fatal autoimmune disorder in scurfy mice. *Blood*, **2007**, 110, 1199-206	2.2	29
24	Plasmacytoid dendritic cells from mouse tumor-draining lymph nodes directly activate mature Tregs via indoleamine 2,3-dioxygenase. *Journal of Clinical Investigation*, **2007**, 117, 2570-82	15.9	607
23	Indoleamine 2,3-dioxygenase and tumor-induced tolerance. *Journal of Clinical Investigation*, **2007**, 117, 1147-54	15.9	785
22	Host Indoleamine 2,3-Dioxygenase Is a Critical Regulator of Acute GVHD Lethality.. *Blood*, **2007**, 110, 352-352	2.2	1
21	A high-affinity, tryptophan-selective amino acid transport system in human macrophages. *Journal of Leukocyte Biology*, **2006**, 80, 1320-7	6.5	52
20	Immune privilege: a recurrent theme in immunoregulation?. *Immunological Reviews*, **2006**, 213, 5-11	11.3	17
19	GCN2 kinase in T cells mediates proliferative arrest and anergy induction in response to indoleamine 2,3-dioxygenase. *Immunity*, **2005**, 22, 633-42	32.3	869
18	Indoleamine 2,3 dioxygenase and regulation of T cell immunity. *Biochemical and Biophysical Research Communications*, **2005**, 338, 20-4	3.4	120

17	Cutting edge: CpG oligonucleotides induce splenic CD19+ dendritic cells to acquire potent indoleamine 2,3-dioxygenase-dependent T cell regulatory functions via IFN Type 1 signaling. *Journal of Immunology*, **2005**, 175, 5601-5	5.3	254
16	IDO expression by dendritic cells: tolerance and tryptophan catabolism. *Nature Reviews Immunology*, **2004**, 4, 762-74	36.5	1798
15	Ligation of B7-1/B7-2 by human CD4+ T cells triggers indoleamine 2,3-dioxygenase activity in dendritic cells. *Journal of Immunology*, **2004**, 172, 4100-10	5.3	379
14	Specific subsets of murine dendritic cells acquire potent T cell regulatory functions following CTLA4-mediated induction of indoleamine 2,3 dioxygenase. *International Immunology*, **2004**, 16, 1391-401	4.9	227
13	Policing pregnancy: Tregs help keep the peace. *Trends in Immunology*, **2004**, 25, 563-5	14.4	27
12	Expression of indoleamine 2,3-dioxygenase by plasmacytoid dendritic cells in tumor-draining lymph nodes. *Journal of Clinical Investigation*, **2004**, 114, 280-90	15.9	533
11	Pattern of recruitment of immunoregulatory antigen-presenting cells in malignant melanoma. *Laboratory Investigation*, **2003**, 83, 1457-66	5.9	104
10	Cutting edge: induced indoleamine 2,3 dioxygenase expression in dendritic cell subsets suppresses T cell clonal expansion. *Journal of Immunology*, **2003**, 171, 1652-5	5.3	390
9	Tryptophan catabolism and regulation of adaptive immunity. *Journal of Immunology*, **2003**, 170, 5809-13	5.3	164
8	Tryptophan catabolism and T cell responses. *Advances in Experimental Medicine and Biology*, **2003**, 527, 27-35	3.6	71
7	Indoleamine 2,3-dioxygenase, immunosuppression and pregnancy. *Journal of Reproductive Immunology*, **2002**, 57, 143-50	4.2	76
6	Indoleamine 2,3-dioxygenase contributes to tumor cell evasion of T cell-mediated rejection. *International Journal of Cancer*, **2002**, 101, 151-5	7.5	309
5	Cells expressing indoleamine 2,3-dioxygenase inhibit T cell responses. *Journal of Immunology*, **2002**, 168, 3771-6	5.3	298
4	Potential regulatory function of human dendritic cells expressing indoleamine 2,3-dioxygenase. *Science*, **2002**, 297, 1867-70	33.3	861
3	Prevention of T cell-driven complement activation and inflammation by tryptophan catabolism during pregnancy. *Nature Immunology*, **2001**, 2, 64-8	19.1	358
2	Prevention of allogeneic fetal rejection by tryptophan catabolism. *Science*, **1998**, 281, 1191-3	33.3	1917
1	Deletion of alloantigen-reactive thymocytes as a mechanism of adult tolerance induction following intrathymic antigen administration. *European Journal of Immunology*, **1997**, 27, 1591-600	6.1	35