

# Andrew Mark Smith

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

3,495  
citations

201674

27  
h-index

155660

55  
g-index

69  
all docs

69  
docs citations

69  
times ranked

5701  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversal of the TCR Stop Signal by CTLA-4. <i>Science</i> , 2006, 313, 1972-1975.	12.6	549
2	Disordered macrophage cytokine secretion underlies impaired acute inflammation and bacterial clearance in Crohn's disease. <i>Journal of Experimental Medicine</i> , 2009, 206, 1883-1897.	8.5	368
3	LFA-1-induced T cell migration on ICAM-1 involves regulation of MLCK-mediated attachment and ROCK-dependent detachment. <i>Journal of Cell Science</i> , 2003, 116, 3123-3133.	2.0	212
4	A talin-dependent LFA-1 focal zone is formed by rapidly migrating T lymphocytes. <i>Journal of Cell Biology</i> , 2005, 170, 141-151.	5.2	193
5	Defective ATG16L1-mediated removal of IRE1 $\beta$ drives Crohn's disease-like ileitis. <i>Journal of Experimental Medicine</i> , 2017, 214, 401-422.	8.5	141
6	The role of the integrin LFA-1 in T lymphocyte migration. <i>Immunological Reviews</i> , 2007, 218, 135-146.	6.0	135
7	Intermediate-affinity LFA-1 binds $\beta$ -actinin-1 to control migration at the leading edge of the T cell. <i>EMBO Journal</i> , 2008, 27, 62-75.	7.8	117
8	SKAP-55 regulates integrin adhesion and formation of T cell-APC conjugates. <i>Nature Immunology</i> , 2003, 4, 366-374.	14.5	115
9	Importance of integrin LFA-1 deactivation for the generation of immune responses. <i>Journal of Experimental Medicine</i> , 2005, 201, 1987-1998.	8.5	107
10	Selective Autophagy of Mitochondria on a Ubiquitin-Endoplasmic-Reticulum Platform. <i>Developmental Cell</i> , 2019, 50, 627-643.e5.	7.0	101
11	The Microbiome and Radiation Induced-Bowel Injury: Evidence for Potential Mechanistic Role in Disease Pathogenesis. <i>Nutrients</i> , 2018, 10, 1405.	4.1	98
12	Robotic multiwell planar patch-clamp for native and primary mammalian cells. <i>Nature Protocols</i> , 2009, 4, 244-255.	12.0	95
13	Signaling Through Integrin LFA-1 Leads to Filamentous Actin Polymerization and Remodeling, Resulting in Enhanced T Cell Adhesion. <i>Journal of Immunology</i> , 2002, 168, 6330-6335.	0.8	84
14	The Human Salivary Microbiome Is Shaped by Shared Environment Rather than Genetics: Evidence from a Large Family of Closely Related Individuals. <i>MBio</i> , 2017, 8, .	4.1	82
15	G6PC3 mutations are associated with a major defect of glycosylation: a novel mechanism for neutrophil dysfunction. <i>Glycobiology</i> , 2011, 21, 914-924.	2.5	78
16	The Role of the Innate Immune System in Granulomatous Disorders. <i>Frontiers in Immunology</i> , 2013, 4, 120.	4.8	71
17	How T cells use LFA-1 to attach and migrate. <i>Immunology Letters</i> , 2004, 92, 51-54.	2.5	67
18	Disruption of macrophage pro-inflammatory cytokine release in Crohn's disease is associated with reduced optineurin expression in a subset of patients. <i>Immunology</i> , 2015, 144, 45-55.	4.4	53

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19	Investigation of Mechanisms Underlying the T-Cell Response to the Hapten 2,4-Dinitrochlorobenzene. <i>Journal of Investigative Dermatology</i> , 2007, 127, 630-637.	0.7	52
20	Phagocyte dysfunction and inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 1443-1452.	1.9	48
21	Activation of T-Cells from Allergic Patients and Volunteers by p-Phenylenediamine and Bandrowski's Base. <i>Journal of Investigative Dermatology</i> , 2008, 128, 897-905.	0.7	48
22	Optineurin deficiency contributes to impaired cytokine secretion and neutrophil recruitment in bacteria driven colitis. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 817-29.	2.4	48
23	Matrix Metalloproteases Role in Bowel Inflammation and Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 2379-2393.	1.9	44
24	Intestinal barrier dysfunction plays an integral role in arthritis pathology and can be targeted to ameliorate disease. <i>Med</i> , 2021, 2, 864-883.e9.	4.4	43
25	Inducible CYP2J2 and Its Product 11,12-EET Promotes Bacterial Phagocytosis: A Role for CYP2J2 Deficiency in the Pathogenesis of Crohn's Disease?. <i>PLoS ONE</i> , 2013, 8, e75107.	2.5	37
26	Impaired macrophage function following bacterial stimulation in chronic granulomatous disease. <i>Immunology</i> , 2009, 128, 253-259.	4.4	33
27	The Role of Diet and Gut Microbiota in Regulating Gastrointestinal and Inflammatory Disease. <i>Frontiers in Immunology</i> , 2022, 13, 866059.	4.8	32
28	Mucosal Transcriptomics Implicates Under Expression of BRINP3 in the Pathogenesis of Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 1802-1812.	1.9	30
29	Spatiotemporal proteomic profiling of the pro-inflammatory response to lipopolysaccharide in the THP-1 human leukaemia cell line. <i>Nature Communications</i> , 2021, 12, 5773.	12.8	29
30	Defective tumor necrosis factor release from Crohn's disease macrophages in response to toll-like receptor activation: Relationship to phenotype and genome-wide association susceptibility loci. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 2120-2127.	1.9	28
31	Critical Role of the Disintegrin Metalloprotease ADAM-like Decysin-1 [ADAMDEC1] for Intestinal Immunity and Inflammation. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 1417-1427.	1.3	27
32	The role of the microbiome in gastrointestinal inflammation. <i>Bioscience Reports</i> , 2021, 41, .	2.4	27
33	Nonresolving Inflammation in gp91phox <sup>-/-</sup> Mice, a Model of Human Chronic Granulomatous Disease, Has Lower Adenosine and Cyclic Adenosine 5'-Monophosphate. <i>Journal of Immunology</i> , 2009, 182, 3262-3269.	0.8	25
34	Novel translational model of resolving inflammation triggered by UV-killed <i>E. coli</i> . <i>Journal of Pathology: Clinical Research</i> , 2016, 2, 154-165.	3.0	24
35	Delayed Resolution of Acute Inflammation in Ulcerative Colitis Is Associated with Elevated Cytokine Release Downstream of TLR4. <i>PLoS ONE</i> , 2010, 5, e9891.	2.5	23
36	TCR/CD3 mediated stop-signal is decoupled in T-cells from Ctla4 deficient mice. <i>Immunology Letters</i> , 2008, 115, 70-72.	2.5	22

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37	Crohn's disease as an immunodeficiency. <i>Expert Review of Clinical Immunology</i> , 2010, 6, 585-596.	3.0	22
38	Characterization of Expression Quantitative Trait Loci in the Human Colon. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 251-256.	1.9	22
39	Antimicrobial surfaces: A need for stewardship?. <i>PLoS Pathogens</i> , 2020, 16, e1008880.	4.7	22
40	The Neutrophil Respiratory Burst and Bacterial Digestion in Crohn's Disease. <i>Digestive Diseases and Sciences</i> , 2011, 56, 1482-1488.	2.3	21
41	Role of HIF-1 $\alpha$ and CASPASE-3 in cystogenesis of odontogenic cysts and tumors. <i>Clinical Oral Investigations</i> , 2018, 22, 141-149.	3.0	21
42	Diminished Macrophage Apoptosis and Reactive Oxygen Species Generation after Phorbol Ester Stimulation in Crohn's Disease. <i>PLoS ONE</i> , 2009, 4, e7787.	2.5	18
43	OPTN recruitment to a Golgi-proximal compartment regulates immune signalling and cytokine secretion. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	15
44	Inflammatory bowel diseases in patients with adaptive and complement immunodeficiency disorders. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 1984-1992.	1.9	14
45	ZODET: Software for the Identification, Analysis and Visualisation of Outlier Genes in Microarray Expression Data. <i>PLoS ONE</i> , 2014, 9, e81123.	2.5	7
46	Keratocystic odontogenic tumor overexpresses invadopodia-related proteins, suggesting invadopodia formation. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016, 122, 500-508.	0.4	6
47	HIF-1 $\alpha$ is Overexpressed in Odontogenic Keratocyst Suggesting Activation of HIF-1 $\alpha$ and NOTCH1 Signaling Pathways. <i>Cells</i> , 2019, 8, 731.	4.1	6
48	Disordered macrophage cytokine secretion underlies impaired acute inflammation and bacterial clearance in Crohn's disease. <i>Journal of Experimental Medicine</i> , 2009, 206, 2301-2301.	8.5	5
49	Elevation in Cell Cycle and Protein Metabolism Gene Transcription in Inactive Colonic Tissue From Icelandic Patients With Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 317-327.	1.9	5
50	The oral microbiome. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 287-296.	2.6	4
51	<p>ADAMDEC1 and Its Role in Inflammatory Disease and Cancer</p>. <i>Metalloproteinases in Medicine</i> , 2020, Volume 7, 15-28.	1.0	4
52	A proof of concept pilot trial of probiotics in symptomatic oral lichen planus (CABRIO). <i>Oral Diseases</i> , 2022, 28, 2155-2167.	3.0	3
53	PWE-232...ADAMDEC1: a novel molecule in inflammation and bowel disease. <i>Gut</i> , 2012, 61, A392.2-A392.	12.1	2
54	PTU-032...Differential bacterial clearance and cytokine secretion by macrophages explains localisation of Crohn's disease to the gut. <i>Gut</i> , 2010, 59, A61.1-A61.	12.1	1

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55	88 The Prevalence of Undiagnosed Disorders of Neutrophil Function Mimicking Crohn's Disease. <i>Gastroenterology</i> , 2008, 134, A-14-A-15.	1.3	0
56	T1235 Subcutaneous Injection of <i>E. coli</i> in Human Subjects Demonstrates Excessive Acute Inflammation and Delayed Resolution in Ulcerative Colitis. <i>Gastroenterology</i> , 2008, 134, A-512-A-513.	1.3	0
57	1095 Neutrophil Accumulation and Bacterial Clearance Is Delayed in Patients with Crohn's Disease. <i>Gastroenterology</i> , 2009, 136, A-169.	1.3	0
58	S1734 Abnormal TLR4-Mediated Interferon Response in Ulcerative Colitis. <i>Gastroenterology</i> , 2009, 136, A-259.	1.3	0
59	PTU-130â€¦Mucosal mRNA expression profiling from the terminal ileum and colon reveals under expression of claudin 8, a tight junction molecule, as potentially causal in ulcerative colitis. <i>Gut</i> , 2012, 61, A238.2-A239.	12.1	0
60	Tu1967 A Gene Expression Outlier Strategy Towards Identifying Molecular Causes of Crohn's Disease. <i>Gastroenterology</i> , 2012, 142, S-888-S-889.	1.3	0
61	Mo1786 ADAMDEC1: A Novel Molecule in Inflammation and Bowel Disease. <i>Gastroenterology</i> , 2012, 142, S-685.	1.3	0
62	Tu1353 Mucosal mRNA Expression Profiling From the Terminal Ileum and Colon Reveals Under Expression of Claudin 8, a Tight Junction Molecule, as Potentially Causal in Ulcerative Colitis. <i>Gastroenterology</i> , 2012, 142, S-809.	1.3	0
63	OC-019â€¦Adamdec1: A Novel Molecule Linked to Crohnâ€™S Disease, is Associated with an Increased Susceptibility to <i>Citrobacter Rodentium</i> Colitis in the knock out Mouse. <i>Gut</i> , 2013, 62, A8.2-A9.	12.1	0
64	DOP014 The role of optineurin in macrophage cytokine secretion and Crohn's disease. <i>Journal of Crohn's and Colitis</i> , 2014, 8, S21.	1.3	0
65	P758 Elevation in ribosomal and cell cycle gene transcription in macroscopically normal colonic tissue from Icelandic patients with ulcerative colitis. <i>Journal of Crohn's and Colitis</i> , 2017, 11, S468-S469.	1.3	0
66	Editorial: The Role of Optineurin in Immunity and Immune-Mediated Diseases. <i>Frontiers in Immunology</i> , 2019, 10, 2803.	4.8	0