

# Alison Simmons

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

5,487  
citations

218677

26  
h-index

155660

55  
g-index

63  
all docs

63  
docs citations

63  
times ranked

10306  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association study implicates immune activation of multiple integrin genes in inflammatory bowel disease. <i>Nature Genetics</i> , 2017, 49, 256-261.	21.4	943
2	NOD2 stimulation induces autophagy in dendritic cells influencing bacterial handling and antigen presentation. <i>Nature Medicine</i> , 2010, 16, 90-97.	30.7	926
3	Colonic epithelial cell diversity in health and inflammatory bowel disease. <i>Nature</i> , 2019, 567, 49-55.	27.8	486
4	Structural Remodeling of the Human Colonic Mesenchyme in Inflammatory Bowel Disease. <i>Cell</i> , 2018, 175, 372-386.e17.	28.9	454
5	Spatiotemporal analysis of human intestinal development at single-cell resolution. <i>Cell</i> , 2021, 184, 810-826.e23.	28.9	263
6	HLA-DQA1*05 Carriage Associated With Development of Anti-Drug Antibodies to Infliximab and Adalimumab in Patients With Crohn's Disease. <i>Gastroenterology</i> , 2020, 158, 189-199.	1.3	249
7	Nef Triggers a Transcriptional Program in T Cells Imitating Single-Signal T Cell Activation and Inducing HIV Virulence Mediators. <i>Immunity</i> , 2001, 14, 763-777.	14.3	244
8	The Intracellular Sensor NOD2 Induces MicroRNA-29 Expression in Human Dendritic Cells to Limit IL-23 Release. <i>Immunity</i> , 2013, 39, 521-536.	14.3	177
9	Activation of the lectin DC-SIGN induces an immature dendritic cell phenotype triggering Rho-GTPase activity required for HIV-1 replication. <i>Nature Immunology</i> , 2007, 8, 569-577.	14.5	173
10	Exploring the genetic architecture of inflammatory bowel disease by whole-genome sequencing identifies association at ADCY7. <i>Nature Genetics</i> , 2017, 49, 186-192.	21.4	153
11	Single-cell atlas of colonic CD8+ T cells in ulcerative colitis. <i>Nature Medicine</i> , 2020, 26, 1480-1490.	30.7	126
12	R-spondin 3 promotes stem cell recovery and epithelial regeneration in the colon. <i>Nature Communications</i> , 2019, 10, 4368.	12.8	91
13	GSDMB is increased in IBD and regulates epithelial restitution/repair independent of pyroptosis. <i>Cell</i> , 2022, 185, 283-298.e17.	28.9	86
14	Elevation of Intact and Proteolytic Fragments of Acute Phase Proteins Constitutes the Earliest Systemic Antiviral Response in HIV-1 Infection. <i>PLoS Pathogens</i> , 2010, 6, e1000893.	4.7	80
15	Epithelial-derived gasdermin D mediates nonlytic IL-1 $\beta$ release during experimental colitis. <i>Journal of Clinical Investigation</i> , 2020, 130, 4218-4234.	8.2	76
16	Immunotherapy-related hepatitis: real-world experience from a tertiary centre. <i>Frontline Gastroenterology</i> , 2019, 10, 364-371.	1.8	65
17	Resistance of Dynamin-related Protein 1 Oligomers to Disassembly Impairs Mitophagy, Resulting in Myocardial Inflammation and Heart Failure. <i>Journal of Biological Chemistry</i> , 2015, 290, 25907-25919.	3.4	50
18	Immune checkpoint inhibitor-related colitis assessment and prognosis: can IBD scoring point the way?. <i>British Journal of Cancer</i> , 2020, 123, 207-215.	6.4	50

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19	Cannabis, Cannabinoids, and the Endocannabinoid System—Is there Therapeutic Potential for Inflammatory Bowel Disease?. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 525-535.	1.3	47
20	Predicting Cross-Reactivity and Antigen Specificity of T Cell Receptors. <i>Frontiers in Immunology</i> , 2020, 11, 565096.	4.8	45
21	RNA and Imidazoquinolines Are Sensed by Distinct TLR7/8 Ectodomain Sites Resulting in Functionally Disparate Signaling Events. <i>Journal of Immunology</i> , 2014, 192, 5963-5973.	0.8	38
22	CD90+ Stromal Cells are Non-Professional Innate Immune Effectors of the Human Colonic Mucosa. <i>Frontiers in Immunology</i> , 2013, 4, 307.	4.8	37
23	Emerging Mechanisms of Innate Immunity and Their Translational Potential in Inflammatory Bowel Disease. <i>Frontiers in Medicine</i> , 2018, 5, 32.	2.6	36
24	Nef-Mediated Lipid Raft Exclusion of Ubch7 Inhibits Cbl Activity in T Cells to Positively Regulate Signaling. <i>Immunity</i> , 2005, 23, 621-634.	14.3	35
25	Plasma Nuclear Magnetic Resonance Metabolomics Discriminates Between High and Low Endoscopic Activity and Predicts Progression in a Prospective Cohort of Patients With Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2018, 12, 1326-1337.	1.3	35
26	NOD2 and TLR2 Signal via TBK1 and PI31 to Direct Cross-Presentation and CD8 T Cell Responses. <i>Frontiers in Immunology</i> , 2019, 10, 958.	4.8	31
27	Microbiome, pattern recognition receptor function in health and inflammation. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2017, 31, 683-691.	2.4	28
28	Clonal analysis of Salmonella-specific effector T cells reveals serovar-specific and cross-reactive T cell responses. <i>Nature Immunology</i> , 2018, 19, 742-754.	14.5	27
29	Remission of Inflammatory Bowel Disease in Glucose-6-Phosphatase 3 Deficiency by Allogeneic Haematopoietic Stem Cell Transplantation. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 142-147.	1.3	27
30	Inflammatory Bowel Disease Through the Lens of Single-cell RNA-seq Technologies. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 1658-1668.	1.9	27
31	The Antiviral Efficacy of HIV-Specific CD8+ T-Cells to a Conserved Epitope Is Heavily Dependent on the Infecting HIV-1 Isolate. <i>PLoS Pathogens</i> , 2011, 7, e1001341.	4.7	26
32	The Impact of Vaccination and Prior Exposure on Stool Shedding of Salmonella Typhi and Salmonella Paratyphi in 6 Controlled Human Infection Studies. <i>Clinical Infectious Diseases</i> , 2019, 68, 1265-1273.	5.8	26
33	The battle for iron in enteric infections. <i>Immunity</i> , 2020, 161, 186-199.	4.4	26
34	Bone Morphogenetic Protein Pathway Antagonism by Grem1 Regulates Epithelial Cell Fate in Intestinal Regeneration. <i>Gastroenterology</i> , 2021, 161, 239-254.e9.	1.3	25
35	NOD2-mediated autophagy and Crohn disease. <i>Autophagy</i> , 2010, 6, 412-414.	9.1	24
36	Genes, viruses and microbes. <i>Nature</i> , 2010, 466, 699-700.	27.8	23

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37	Single-Cell and Time-Resolved Profiling of Intracellular <i>Salmonella</i> Metabolism in Primary Human Cells. <i>Analytical Chemistry</i> , 2019, 91, 7729-7737.	6.5	20
38	Evasion of MAIT cell recognition by the African <i>Salmonella</i> Typhimurium ST313 pathovar that causes invasive disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20717-20728.	7.1	20
39	An integrative analysis of gene expression and molecular interaction data to identify dys-regulated sub-networks in inflammatory bowel disease. <i>BMC Bioinformatics</i> , 2016, 17, 42.	2.6	19
40	Invasive <i>Salmonella</i> exploits divergent immune evasion strategies in infected and bystander dendritic cell subsets. <i>Nature Communications</i> , 2018, 9, 4883.	12.8	19
41	Innate immune receptors for cross-presentation: The expanding role of NLRs. <i>Molecular Immunology</i> , 2019, 113, 6-10.	2.2	19
42	Pattern recognition receptor mediated downregulation of microRNA-650 fine-tunes MxA expression in dendritic cells infected with influenza A virus. <i>European Journal of Immunology</i> , 2016, 46, 167-177.	2.9	17
43	Functional consequences of mutations in the autophagy genes in the pathogenesis of Crohn's disease. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 778-781.	1.9	15
44	Snapin promotes HIV-1 transmission from dendritic cells by dampening TLR8 signaling. <i>EMBO Journal</i> , 2017, 36, 2998-3011.	7.8	15
45	Homologous and heterologous re-challenge with <i>Salmonella</i> Typhi and <i>Salmonella</i> Paratyphi A in a randomised controlled human infection model. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008783.	3.0	15
46	Benzimidazoles Promote Anti-TNF Mediated Induction of Regulatory Macrophages and Enhance Therapeutic Efficacy in a Murine Model. <i>Journal of Crohn's and Colitis</i> , 2017, 11, 1480-1490.	1.3	13
47	Ataxin-3 Links NOD2 and TLR2 Mediated Innate Immune Sensing and Metabolism in Myeloid Cells. <i>Frontiers in Immunology</i> , 2019, 10, 1495.	4.8	11
48	Dual RNA sequencing reveals dendritic cell reprogramming in response to typhoidal <i>Salmonella</i> invasion. <i>Communications Biology</i> , 2022, 5, 111.	4.4	11
49	IL-6 effector function of group 2 innate lymphoid cells (ILC2) is NOD2 dependent. <i>Science Immunology</i> , 2021, 6, .	11.9	8
50	ICG-001 affects DRP1 activity and ER stress correlative with its anti-proliferative effect. <i>Oncotarget</i> , 2017, 8, 106764-106777.	1.8	8
51	Prioritisation and Network Analysis of Crohn's Disease Susceptibility Genes. <i>PLoS ONE</i> , 2014, 9, e108624.	2.5	4
52	Investigating Systemic Immunity to Typhoid and Paratyphoid Fever: Characterising the Response to Re-challenge in a Controlled Human Infection Model. <i>Open Forum Infectious Diseases</i> , 2017, 4, S227-S228.	0.9	4
53	Beclaming Type 17 Inflammation in Ulcerative Colitis. <i>Immunity</i> , 2019, 50, 1029-1031.	14.3	3
54	Common heritage of fibroblasts. <i>Nature Immunology</i> , 2021, 22, 944-946.	14.5	3

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55	Isolation of human fetal intestinal cells for single-cell RNA sequencing. STAR Protocols, 2021, 2, 100890.	1.2	1
56	The Relationship Between miR-29, NOD2 and Crohn's Disease. , 2015, , 185-196.		0