Alison Simmons

List of Publications by Year
in descending order

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56	5,487	218677	155660
papers	citations	26 h-index	55 g-index

63	63	63	10306
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	GSDMB is increased in IBD and regulates epithelial restitution/repair independent of pyroptosis. Cell, 2022, 185, 283-298.e17.	28.9	86
2	Dual RNA sequencing reveals dendritic cell reprogramming in response to typhoidal Salmonella invasion. Communications Biology, 2022, 5, 111.	4.4	11
3	Spatiotemporal analysis of human intestinal development at single-cell resolution. Cell, 2021, 184, 810-826.e23.	28.9	263
4	IL-6 effector function of group 2 innate lymphoid cells (ILC2) is NOD2 dependent. Science Immunology, 2021, 6, .	11.9	8
5	Common heritage of fibroblasts. Nature Immunology, 2021, 22, 944-946.	14.5	3
6	Bone Morphogenetic Protein Pathway Antagonism by Grem1 Regulates Epithelial Cell Fate in Intestinal Regeneration. Gastroenterology, 2021, 161, 239-254.e9.	1.3	25
7	Isolation of human fetal intestinal cells for single-cell RNA sequencing. STAR Protocols, 2021, 2, 100890.	1.2	1
8	Remission of Inflammatory Bowel Disease in Glucose-6-Phosphatase 3 Deficiency by Allogeneic Haematopoietic Stem Cell Transplantation. Journal of Crohn's and Colitis, 2020, 14, 142-147.	1.3	27
9	HLA-DQA1*05 Carriage Associated With Development of Anti-Drug Antibodies to Infliximab and Adalimumab in Patients With Crohnâ€™s Disease. Gastroenterology, 2020, 158, 189-199.	1.3	249
10	Predicting Cross-Reactivity and Antigen Specificity of T Cell Receptors. Frontiers in Immunology, 2020, 11, 565096.	4.8	45
11	Single-cell atlas of colonic CD8+ T cells in ulcerative colitis. Nature Medicine, 2020, 26, 1480-1490.	30.7	126
12	Evasion of MAIT cell recognition by the AfricanSalmonellaTyphimurium ST313 pathovar that causes invasive disease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20717-20728.	7.1	20
13	Immune checkpoint inhibitor-related colitis assessment and prognosis: can IBD scoring point the way?. British Journal of Cancer, 2020, 123, 207-215.	6.4	50
14	Inflammatory Bowel Disease Through the Lens of Single-cell RNA-seq Technologies. Inflammatory Bowel Diseases, 2020, 26, 1658-1668.	1.9	27
15	The battle for iron in enteric infections. Immunology, 2020, 161, 186-199.	4.4	26
16	Epithelial-derived gasdermin D mediates nonlytic IL-1Î² release during experimental colitis. Journal of Clinical Investigation, 2020, 130, 4218-4234.	8.2	76
17	Homologous and heterologous re-challenge with Salmonella Typhi and Salmonella Paratyphi A in a randomised controlled human infection model. PLoS Neglected Tropical Diseases, 2020, 14, e0008783.	3.0	15
18	Ataxin-3 Links NOD2 and TLR2 Mediated Innate Immune Sensing and Metabolism in Myeloid Cells. Frontiers in Immunology, 2019, 10, 1495.	4.8	11

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19	R-spondin 3 promotes stem cell recovery and epithelial regeneration in the colon. Nature Communications, 2019, 10, 4368.	12.8	91
20	Single-Cell and Time-Resolved Profiling of Intracellular Salmonella Metabolism in Primary Human Cells. Analytical Chemistry, 2019, 91, 7729-7737.	6.5	20
21	NOD2 and TLR2 Signal via TBK1 and PI31 to Direct Cross-Presentation and CD8 T Cell Responses. Frontiers in Immunology, 2019, 10, 958.	4.8	31
22	Becalming Type 17 Inflammation in Ulcerative Colitis. Immunity, 2019, 50, 1029-1031.	14.3	3
23	Immunotherapy-related hepatitis: real-world experience from a tertiary centre. Frontline Gastroenterology, 2019, 10, 364-371.	1.8	65
24	Colonic epithelial cell diversity in health and inflammatory bowel disease. Nature, 2019, 567, 49-55.	27.8	486
25	Cannabis, Cannabinoids, and the Endocannabinoid Systemâ€"Is there Therapeutic Potential for Inflammatory Bowel Disease?. Journal of Crohn's and Colitis, 2019, 13, 525-535.	1.3	47
26	The Impact of Vaccination and Prior Exposure on Stool Shedding of Salmonella Typhi and Salmonella Paratyphi in 6 Controlled Human Infection Studies. Clinical Infectious Diseases, 2019, 68, 1265-1273.	5.8	26
27	Innate immune receptors for cross-presentation: The expanding role of NLRs. Molecular Immunology, 2019, 113, 6-10.	2.2	19
28	Invasive Salmonella exploits divergent immune evasion strategies in infected and bystander dendritic cell subsets. Nature Communications, 2018, 9, 4883.	12.8	19
29	Structural Remodeling of the Human Colonic Mesenchyme in Inflammatory Bowel Disease. Cell, 2018, 175, 372-386.e17.	28.9	454
30	Emerging Mechanisms of Innate Immunity and Their Translational Potential in Inflammatory Bowel Disease. Frontiers in Medicine, 2018, 5, 32.	2.6	36
31	Plasma Nuclear Magnetic Resonance Metabolomics Discriminates Between High and Low Endoscopic Activity and Predicts Progression in a Prospective Cohort of Patients With Ulcerative Colitis. Journal of Crohn's and Colitis, 2018, 12, 1326-1337.	1.3	35
32	Clonal analysis of Salmonella-specific effector T cells reveals serovar-specific and cross-reactive T cell responses. Nature Immunology, 2018, 19, 742-754.	14.5	27
33	Genome-wide association study implicates immune activation of multiple integrin genes in inflammatory bowel disease. Nature Genetics, 2017, 49, 256-261.	21.4	943
34	Exploring the genetic architecture of inflammatory bowel disease by whole-genome sequencing identifies association at ADCY7. Nature Genetics, 2017, 49, 186-192.	21.4	153
35	Snapin promotes <scp>HIV</scp> â€1 transmission from dendritic cells by dampening <scp>TLR</scp> 8 signaling. EMBO Journal, 2017, 36, 2998-3011.	7.8	15
36	Microbiome, pattern recognition receptor function in health and inflammation. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2017, 31, 683-691.	2.4	28

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37	Benzimidazoles Promote Anti-TNF Mediated Induction of Regulatory Macrophages and Enhance Therapeutic Efficacy in a Murine Model. Journal of Crohn's and Colitis, 2017, 11, 1480-1490.	1.3	13
38	Investigating Systemic Immunity to Typhoid and Paratyphoid Fever: Characterising the Response to Re-challenge in a Controlled Human Infection Model. Open Forum Infectious Diseases, 2017, 4, S227-S228.	0.9	4
39	ICG-001 affects DRP1 activity and ER stress correlative with its anti-proliferative effect. Oncotarget, 2017, 8, 106764-106777.	1.8	8
40	Pattern recognition receptor mediated downregulation of microRNAâ€650 fineâ€tunes MxA expression in dendritic cells infected with influenza A virus. European Journal of Immunology, 2016, 46, 167-177.	2.9	17
41	An integrative analysis of gene expression and molecular interaction data to identify dys-regulated sub-networks in inflammatory bowel disease. BMC Bioinformatics, 2016, 17, 42.	2.6	19
42	Resistance of Dynamin-related Protein 1 Oligomers to Disassembly Impairs Mitophagy, Resulting in Myocardial Inflammation and Heart Failure. Journal of Biological Chemistry, 2015, 290, 25907-25919.	3.4	50
43	The Relationship Between miR-29, NOD2 and Crohnâ€™s Disease. , 2015, , 185-196.		0
44	Prioritisation and Network Analysis of Crohn's Disease Susceptibility Genes. PLoS ONE, 2014, 9, e108624.	2.5	4
45	RNA and Imidazoquinolines Are Sensed by Distinct TLR7/8 Ectodomain Sites Resulting in Functionally Disparate Signaling Events. Journal of Immunology, 2014, 192, 5963-5973.	0.8	38
46	The Intracellular Sensor NOD2 Induces MicroRNA-29 Expression in Human Dendritic Cells to Limit IL-23 Release. Immunity, 2013, 39, 521-536.	14.3	177
47	CD90+ Stromal Cells are Non-Professional Innate Immune Effectors of the Human Colonic Mucosa. Frontiers in Immunology, 2013, 4, 307.	4.8	37
48	Functional consequences of mutations in the autophagy genes in the pathogenesis of CrohnÊ¼s disease. Inflammatory Bowel Diseases, 2012, 18, 778-781.	1.9	15
49	The Antiviral Efficacy of HIV-Specific CD8+ T-Cells to a Conserved Epitope Is Heavily Dependent on the Infecting HIV-1 Isolate. PLoS Pathogens, 2011, 7, e1001341.	4.7	26
50	Genes, viruses and microbes. Nature, 2010, 466, 699-700.	27.8	23
51	NOD2 stimulation induces autophagy in dendritic cells influencing bacterial handling and antigen presentation. Nature Medicine, 2010, 16, 90-97.	30.7	926
52	Elevation of Intact and Proteolytic Fragments of Acute Phase Proteins Constitutes the Earliest Systemic Antiviral Response in HIV-1 Infection. PLoS Pathogens, 2010, 6, e1000893.	4.7	80
53	NOD2-mediated autophagy and Crohn disease. Autophagy, 2010, 6, 412-414.	9.1	24
54	Activation of the lectin DC-SIGN induces an immature dendritic cell phenotype triggering Rho-GTPase activity required for HIV-1 replication. Nature Immunology, 2007, 8, 569-577.	14.5	173

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55	Nef-Mediated Lipid Raft Exclusion of UbcH7 Inhibits Cbl Activity in T Cells to Positively Regulate Signaling. Immunity, 2005, 23, 621-634.	14.3	35
56	Nef Triggers a Transcriptional Program in T Cells Imitating Single-Signal T Cell Activation and Inducing HIV Virulence Mediators. Immunity, 2001, 14, 763-777.	14.3	244