

Tim Ambrose

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

7,296
citations

201674

27
h-index

106344

65
g-index

71
all docs

71
docs citations

71
times ranked

18091
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	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
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	Factors influencing success of clinical genome sequencing across a broad spectrum of disorders. <i>Nature Genetics</i> , 2015, 47, 717-726.	21.4	310
6	Spatiotemporal analysis of human intestinal development at single-cell resolution. <i>Cell</i> , 2021, 184, 810-826.e23.	28.9	263
7	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
8	Single-cell atlas of colonic CD8+ T cells in ulcerative colitis. <i>Nature Medicine</i> , 2020, 26, 1480-1490.	30.7	126
9	R-spondin 3 promotes stem cell recovery and epithelial regeneration in the colon. <i>Nature Communications</i> , 2019, 10, 4368.	12.8	91
10	Interferon-Gamma-Producing CD8+ Tissue Resident Memory T Cells Are a Targetable Hallmark of Immune Checkpoint Inhibitor-Colitis. <i>Gastroenterology</i> , 2021, 161, 1229-1244.e9.	1.3	87
11	GSDMB is increased in IBD and regulates epithelial restitution/repair independent of pyroptosis. <i>Cell</i> , 2022, 185, 283-298.e17.	28.9	86
12	Epithelial-derived gasdermin D mediates nonlytic IL-1 β release during experimental colitis. <i>Journal of Clinical Investigation</i> , 2020, 130, 4218-4234.	8.2	76
13	A practical solution for preserving single cells for RNA sequencing. <i>Scientific Reports</i> , 2018, 8, 2151.	3.3	65
14	Human intestinal tissue-resident memory T cells comprise transcriptionally and functionally distinct subsets. <i>Cell Reports</i> , 2021, 34, 108661.	6.4	56
15	Paracrine signalling by cardiac calcitonin controls atrial fibrogenesis and arrhythmia. <i>Nature</i> , 2020, 587, 460-465.	27.8	55
16	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
17	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
18	Enriched HLA-E and CD94/NKG2A Interaction Limits Antitumor CD8+ Tumor-Infiltrating T Lymphocyte Responses. <i>Cancer Immunology Research</i> , 2019, 7, 1293-1306.	3.4	46

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19	Predicting Cross-Reactivity and Antigen Specificity of T Cell Receptors. <i>Frontiers in Immunology</i> , 2020, 11, 565096.	4.8	45
20	Potential CD8+ T Cell Cross-Reactivity Against SARS-CoV-2 Conferred by Other Coronavirus Strains. <i>Frontiers in Immunology</i> , 2020, 11, 579480.	4.8	42
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	Emerging Mechanisms of Innate Immunity and Their Translational Potential in Inflammatory Bowel Disease. <i>Frontiers in Medicine</i> , 2018, 5, 32.	2.6	36
23	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
24	Management of patients with biliary sphincter of Oddi disorder without sphincter of Oddi manometry. <i>BMC Gastroenterology</i> , 2010, 10, 124.	2.0	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	Multi-Modal Characterization of Monocytes in Idiopathic Pulmonary Fibrosis Reveals a Primed Type I Interferon Immune Phenotype. <i>Frontiers in Immunology</i> , 2021, 12, 623430.	4.8	34
27	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
28	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
29	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
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 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
32	The battle for iron in enteric infections. <i>Immunology</i> , 2020, 161, 186-199.	4.4	26
33	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
34	Evaluating performance of existing computational models in predicting CD8+ T cell pathogenic epitopes and cancer neoantigens. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	21
35	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
36	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

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37	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
38	Invasive Salmonella exploits divergent immune evasion strategies in infected and bystander dendritic cell subsets. Nature Communications, 2018, 9, 4883.	12.8	19
39	Innate immune receptors for cross-presentation: The expanding role of NLRs. Molecular Immunology, 2019, 113, 6-10.	2.2	19
40	Pattern recognition receptor mediated downregulation of microRNA-650 fine-tunes MxA expression in dendritic cells infected with influenza A virus. European Journal of Immunology, 2016, 46, 167-177.	2.9	17
41	HLA-dependent variation in SARS-CoV-2 CD8 ⁺ T cell cross-reactivity with human coronaviruses. Immunology, 2022, 166, 78-103.	4.4	16
42	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
43	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
44	Stem Cells and Organoid Technology in Precision Medicine in Inflammation: Are We There Yet?. Frontiers in Immunology, 2020, 11, 573562.	4.8	13
45	The impact of intestinal transplantation on quality of life. Clinical Nutrition, 2020, 39, 1958-1967.	5.0	12
46	Ataxin-3 Links NOD2 and TLR2 Mediated Innate Immune Sensing and Metabolism in Myeloid Cells. Frontiers in Immunology, 2019, 10, 1495.	4.8	11
47	Dual RNA sequencing reveals dendritic cell reprogramming in response to typhoidal Salmonella invasion. Communications Biology, 2022, 5, 111.	4.4	11
48	Maintenance therapy with infliximab or vedolizumab in IBD is not associated with increased SARS-CoV-2 seroprevalence: UK experience in the 2020 pandemic. Gut, 2021, 70, 2398-2400.	12.1	9
49	Intracellular immunization against HIV infection with an intracellular antibody that mimics HIV integrase binding to the cellular LEDGF protein. Scientific Reports, 2017, 7, 16869.	3.3	8
50	IL-6 effector function of group 2 innate lymphoid cells (ILC2) is NOD2 dependent. Science Immunology, 2021, 6, .	11.9	8
51	ICG-001 affects DRP1 activity and ER stress correlative with its anti-proliferative effect. Oncotarget, 2017, 8, 106764-106777.	1.8	8
52	Prioritisation and Network Analysis of Crohn's Disease Susceptibility Genes. PLoS ONE, 2014, 9, e108624.	2.5	4
53	COVID-19 infection in patients with intestinal failure: UK experience. Journal of Parenteral and Enteral Nutrition, 2021, 45, 1369-1375.	2.6	4
54	Case report: Recurrent acute pancreatitis secondary to papillary somatostatinoma – A new association. Pancreatology, 2013, 13, 186-188.	1.1	3

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55	Obesity: a window of opportunity to intervene? Characteristics and management of morbidly obese adult inpatients in three trusts in southern England. <i>Clinical Medicine</i> , 2013, 13, 472-476.	1.9	3
56	Becalming Type 17 Inflammation in Ulcerative Colitis. <i>Immunity</i> , 2019, 50, 1029-1031.	14.3	3
57	Refeeding risks in patients requiring intravenous nutrition support: Results of a two-centre, prospective, double-blind, randomised controlled trial. <i>Clinical Nutrition ESPEN</i> , 2021, 41, 143-152.	1.2	3
58	Common heritage of fibroblasts. <i>Nature Immunology</i> , 2021, 22, 944-946.	14.5	3
59	Cut Loose and Cast Adrift. <i>Gastroenterology</i> , 2013, 145, e4-e5.	1.3	2
60	Pitfalls in the diagnosis of hydrocephalus. <i>British Journal of Hospital Medicine (London, England:)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	0.5	1
61	The Importance of Full-Thickness Jejunal Biopsy in Diagnosing Inflammatory Neuromuscular Gastrointestinal Disorders. <i>American Journal of Gastroenterology</i> , 2012, 107, 1764-1765.	0.4	1
62	The ataxic cirrhotic. <i>Clinical Medicine</i> , 2012, 12, 598-599.	1.9	1
63	Spinal Infections Among Patients With Long-term Central Venous Catheters for Home Parenteral Nutrition. <i>Nutrition in Clinical Practice</i> , 2017, 32, 133-138.	2.4	1
64	Isolation of human fetal intestinal cells for single-cell RNA sequencing. <i>STAR Protocols</i> , 2021, 2, 100890.	1.2	1
65	A rare cause of haematemesis and chest pain. <i>British Journal of Hospital Medicine (London, England:)</i> Tj ETQq1 1 0.784314 rgBT /Overdo	0.5	0
66	P106â€¦Prediction of outcome in acute severe ulcerative colitis â€“ comparison of clinical and endoscopic indices. , 2021, , .		0
67	P107â€¦Changing outcomes in acute severe ulcerative colitis at Oxford in last seven decades. , 2021, , .		0
68	Letter to the editor-Reply-Intestinal transplantation and quality of life. <i>Clinical Nutrition</i> , 2021, 40, 332-333.	5.0	0