

Arthur Kaser

List of Publications by Citations

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

78
papers

9,081
citations

35
h-index

88
g-index

88
ext. papers

10,884
ext. citations

17.5
avg, IF

5.58
L-index

#	Paper	IF	Citations
78	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
77	XBP1 links ER stress to intestinal inflammation and confers genetic risk for human inflammatory bowel disease. <i>Cell</i> , 2008 , 134, 743-56	56.2	1046
76	Paneth cells as a site of origin for intestinal inflammation. <i>Nature</i> , 2013 , 503, 272-6	50.4	473
75	The unfolded protein response in immunity and inflammation. <i>Nature Reviews Immunology</i> , 2016 , 16, 469-84	36.5	385
74	Induction therapy with the selective interleukin-23 inhibitor risankizumab in patients with moderate-to-severe Crohn's disease: a randomised, double-blind, placebo-controlled phase 2 study. <i>Lancet, The</i> , 2017 , 389, 1699-1709	40	271
73	Cholangiocytes derived from human induced pluripotent stem cells for disease modeling and drug validation. <i>Nature Biotechnology</i> , 2015 , 33, 845-852	44.5	243
72	Lipocalin 2 Protects from Inflammation and Tumorigenesis Associated with Gut Microbiota Alterations. <i>Cell Host and Microbe</i> , 2016 , 19, 455-69	23.4	144
71	Protective mucosal immunity mediated by epithelial CD1d and IL-10. <i>Nature</i> , 2014 , 509, 497-502	50.4	143
70	Crohn's disease. <i>Nature Reviews Disease Primers</i> , 2020 , 6, 22	51.1	131
69	Long-term Efficacy of Vedolizumab for Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2017 , 11, 412-424	1.5	112
68	HOTAIR and its surrogate DNA methylation signature indicate carboplatin resistance in ovarian cancer. <i>Genome Medicine</i> , 2015 , 7, 108	14.4	110
67	Defective ATG16L1-mediated removal of IRE1 α drives Crohn's disease-like ileitis. <i>Journal of Experimental Medicine</i> , 2017 , 214, 401-422	16.6	109
66	Long-term Efficacy of Vedolizumab for Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2017 , 11, 400-411	1.5	109
65	Autophagy, microbial sensing, endoplasmic reticulum stress, and epithelial function in inflammatory bowel disease. <i>Gastroenterology</i> , 2011 , 140, 1738-47	13.3	106
64	ER stress transcription factor Xbp1 suppresses intestinal tumorigenesis and directs intestinal stem cells. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2041-56	16.6	100
63	Characterization of animal models for primary sclerosing cholangitis (PSC). <i>Journal of Hepatology</i> , 2014 , 60, 1290-303	13.4	96
62	Endoplasmic reticulum stress in the intestinal epithelium and inflammatory bowel disease. <i>Seminars in Immunology</i> , 2009 , 21, 156-63	10.7	95

61	Risankizumab in patients with moderate to severe Crohn's disease: an open-label extension study. <i>The Lancet Gastroenterology and Hepatology</i> , 2018 , 3, 671-680	18.8	94
60	C13orf31 (FAMIN) is a central regulator of immunometabolic function. <i>Nature Immunology</i> , 2016 , 17, 1046-56	19.1	87
59	ATG16L1 orchestrates interleukin-22 signaling in the intestinal epithelium via cGAS-STING. <i>Journal of Experimental Medicine</i> , 2018 , 215, 2868-2886	16.6	83
58	Endoplasmic reticulum stress: implications for inflammatory bowel disease pathogenesis. <i>Current Opinion in Gastroenterology</i> , 2010 , 26, 318-26	3	76
57	Type I interferon signalling in the intestinal epithelium affects Paneth cells, microbial ecology and epithelial regeneration. <i>Gut</i> , 2014 , 63, 1921-31	19.2	68
56	Epithelial calcineurin controls microbiota-dependent intestinal tumor development. <i>Nature Medicine</i> , 2016 , 22, 506-15	50.5	68
55	Epithelial IL-23R Signaling Licenses Protective IL-22 Responses in Intestinal Inflammation. <i>Cell Reports</i> , 2016 , 16, 2208-2218	10.6	60
54	The unfolded protein response and gastrointestinal disease. <i>Seminars in Immunopathology</i> , 2013 , 35, 307-19	12	60
53	Innate immunity. A Spaetzle-like role for nerve growth factor in vertebrate immunity to <i>Staphylococcus aureus</i> . <i>Science</i> , 2014 , 346, 641-646	33.3	55
52	Genes and environment: how will our concepts on the pathophysiology of IBD develop in the future?. <i>Digestive Diseases</i> , 2010 , 28, 395-405	3.2	50
51	The biliary epithelium presents antigens to and activates natural killer T cells. <i>Hepatology</i> , 2015 , 62, 1249-59	15.9	48
50	Dietary lipids fuel GPX4-restricted enteritis resembling Crohn's disease. <i>Nature Communications</i> , 2020 , 11, 1775	17.4	44
49	The unfolded protein response and its role in intestinal homeostasis and inflammation. <i>Experimental Cell Research</i> , 2011 , 317, 2772-9	4.2	41
48	Epithelial endoplasmic reticulum stress orchestrates a protective IgA response. <i>Science</i> , 2019 , 363, 993-998	39.5	37
47	Not all monoclonals are created equal - lessons from failed drug trials in Crohn's disease. <i>Baillieres Best Practice and Research in Clinical Gastroenterology</i> , 2014 , 28, 437-49	2.5	36
46	Intestinal epithelial cell endoplasmic reticulum stress promotes MULT1 up-regulation and NKG2D-mediated inflammation. <i>Journal of Experimental Medicine</i> , 2017 , 214, 2985-2997	16.6	36
45	Interleukin-22 orchestrates a pathological endoplasmic reticulum stress response transcriptional programme in colonic epithelial cells. <i>Gut</i> , 2020 , 69, 578-590	19.2	36
44	Microsomal triglyceride transfer protein regulates endogenous and exogenous antigen presentation by group 1 CD1 molecules. <i>European Journal of Immunology</i> , 2008 , 38, 2351-9	6.1	35

43	Reversal of murine alcoholic steatohepatitis by pepducin-based functional blockade of interleukin-8 receptors. <i>Gut</i> , 2017 , 66, 930-938	19.2	29
42	GPR35 promotes glycolysis, proliferation, and oncogenic signaling by engaging with the sodium potassium pump. <i>Science Signaling</i> , 2019 , 12,	8.8	29
41	Role of NKT cells in the digestive system. III. Role of NKT cells in intestinal immunity. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 293, G1101-5	5.1	28
40	Macrophage metabolic reprogramming presents a therapeutic target in lupus nephritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 15160-15171	11.5	27
39	Paneth Cell Alertness to Pathogens Maintained by Vitamin D Receptors. <i>Gastroenterology</i> , 2021 , 160, 1269-1283	13.3	26
38	Impaired Autophagy in CD11b Dendritic Cells Expands CD4 Regulatory T Cells and Limits Atherosclerosis in Mice. <i>Circulation Research</i> , 2019 , 125, 1019-1034	15.7	25
37	Genetically determined epithelial dysfunction and its consequences for microflora-host interactions. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 3643-9	10.3	25
36	GM-CSF Calibrates Macrophage Defense and Wound Healing Programs during Intestinal Infection and Inflammation. <i>Cell Reports</i> , 2020 , 32, 107857	10.6	25
35	Generation of primary human intestinal T cell transcriptomes reveals differential expression at genetic risk loci for immune-mediated disease. <i>Gut</i> , 2015 , 64, 250-9	19.2	24
34	Paneth cells and inflammation dance together in Crohn's disease. <i>Cell Research</i> , 2008 , 18, 1160-2	24.7	22
33	Activating Transcription Factor 6 Mediates Inflammatory Signals in Intestinal Epithelial Cells Upon Endoplasmic Reticulum Stress. <i>Gastroenterology</i> , 2020 , 159, 1357-1374.e10	13.3	22
32	Trial summary and protocol for a phase II randomised placebo-controlled double-blinded trial of Interleukin 1 blockade in Acute Severe Colitis: the IASO trial. <i>BMJ Open</i> , 2019 , 9, e023765	3	17
31	New Insights Into the Regulation of Natural-Killer Group 2 Member D (NKG2D) and NKG2D-Ligands: Endoplasmic Reticulum Stress and CEA-Related Cell Adhesion Molecule 1. <i>Frontiers in Immunology</i> , 2018 , 9, 1324	8.4	16
30	CD1d-Restricted pathways in hepatocytes control local natural killer T cell homeostasis and hepatic inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 10449-10454	11.5	16
29	Control of CD1d-restricted antigen presentation and inflammation by sphingomyelin. <i>Nature Immunology</i> , 2019 , 20, 1644-1655	19.1	16
28	ATG16L1 Crohn's disease risk stresses the endoplasmic reticulum of Paneth cells. <i>Gut</i> , 2014 , 63, 1038-9	19.2	13
27	β7 integrin: beyond T cell trafficking. <i>Gut</i> , 2014 , 63, 1377-9	19.2	13
26	IDO1 Paneth cells promote immune escape of colorectal cancer. <i>Communications Biology</i> , 2020 , 3, 252	6.7	13

25	A role for oncostatin M in inflammatory bowel disease. <i>Nature Medicine</i> , 2017 , 23, 535-536	50.5	12
24	Paternal chronic colitis causes epigenetic inheritance of susceptibility to colitis. <i>Scientific Reports</i> , 2016 , 6, 31640	4.9	12
23	Failure of interleukin 13 blockade in ulcerative colitis. <i>Gut</i> , 2015 , 64, 857-8	19.2	11
22	FAMIN Is a Multifunctional Purine Enzyme Enabling the Purine Nucleotide Cycle. <i>Cell</i> , 2020 , 180, 278-295	56.23	11
21	Adaptive immunity in inflammatory bowel disease: state of the art. <i>Current Opinion in Gastroenterology</i> , 2008 , 24, 455-61	3	11
20	Natural killer T cells in mucosal homeostasis. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1029, 154-68	6.5	11
19	Survive an innate immune response through XBP1. <i>Cell Research</i> , 2010 , 20, 506-7	24.7	9
18	Two microbiota subtypes identified in irritable bowel syndrome with distinct responses to the low FODMAP diet. <i>Gut</i> , 2021 ,	19.2	8
17	Cell biology: Stressful genetics in Crohn's disease. <i>Nature</i> , 2014 , 506, 441-2	50.4	7
16	Activation of the GPR35 pathway drives angiogenesis in the tumour microenvironment. <i>Gut</i> , 2021 ,	19.2	7
15	Introduction: the unfolded protein response's role in disease pathophysiology. <i>Seminars in Immunopathology</i> , 2013 , 35, 255-7	12	5
14	Endoplasmic Reticulum Stress Is Implicated in Intestinal Failure-Associated Liver Disease. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016 , 40, 431-6	4.2	4
13	The road to Crohn's disease. <i>Science</i> , 2017 , 357, 976-977	33.3	4
12	Long-Term Safety and Efficacy of Risankizumab Treatment in Patients with Crohn's Disease: Results from the Phase 2 Open-Label Extension Study. <i>Journal of Crohn's and Colitis</i> , 2021 ,	1.5	4
11	Inflammatory bowel diseases: highlights from the United European Gastroenterology Week 2008. <i>Expert Opinion on Therapeutic Targets</i> , 2009 , 13, 259-63	6.4	3
10	Discovery of Biomarkers of Response in Early Drug Development. <i>Journal of Crohn's and Colitis</i> , 2016 , 10 Suppl 2, S560-6	1.5	2
9	Lessons from type I interferons in ulcerative colitis. <i>Gut</i> , 2011 , 60, 430-1	19.2	2
8	CD1d-restricted T cell pathways at the epithelial-lymphocyte-luminal interface. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2004 , 39 Suppl 3, S719-22	2.8	2

7	Epithelial X-Box Binding Protein 1 Coordinates Tumor Protein p53-Driven DNA Damage Responses and Suppression of Intestinal Carcinogenesis. <i>Gastroenterology</i> , 2021 ,	13.3	2
6	SREBP1-induced fatty acid synthesis depletes macrophages antioxidant defences to promote their alternative activation. <i>Nature Metabolism</i> , 2021 , 3, 1150-1162	14.6	2
5	Interleukin-23 in the Pathogenesis of Inflammatory Bowel Disease and Implications for Therapeutic Intervention.. <i>Journal of Crohn's and Colitis</i> , 2022 , 16, ii3-ii19	1.5	2
4	PUFA-induced metabolic enteritis as a fuel for Crohn's disease.. <i>Gastroenterology</i> , 2022 ,	13.3	1
3	A purine metabolic checkpoint that prevents autoimmunity and autoinflammation.. <i>Cell Metabolism</i> , 2022 , 34, 106-124.e10	24.6	1
2	Finding the right target for drug-resistant inflammatory bowel disease. <i>Nature Medicine</i> , 2021 , 27, 1870-1871	18.7	0
1	Prostanoids put a brake on necroptosis in IBD. <i>Nature Cell Biology</i> , 2021 , 23, 680-681	23.4	