

Arthur Kaser

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

12,375
citations

81900

39
h-index

53230

85
g-index

88
all docs

88
docs citations

88
times ranked

24867
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	XBP1 Links ER Stress to Intestinal Inflammation and Confers Genetic Risk for Human Inflammatory Bowel Disease. <i>Cell</i> , 2008, 134, 743-756.	28.9	1,225
3	Paneth cells as a site of origin for intestinal inflammation. <i>Nature</i> , 2013, 503, 272-276.	27.8	605
4	The unfolded protein response in immunity and inflammation. <i>Nature Reviews Immunology</i> , 2016, 16, 469-484.	22.7	581
5	Crohn's disease. <i>Nature Reviews Disease Primers</i> , 2020, 6, 22.	30.5	420
6	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</i> , The, 2017, 389, 1699-1709.	13.7	364
7	Cholangiocytes derived from human induced pluripotent stem cells for disease modeling and drug validation. <i>Nature Biotechnology</i> , 2015, 33, 845-852.	17.5	318
8	Lipocalin 2 Protects from Inflammation and Tumorigenesis Associated with Gut Microbiota Alterations. <i>Cell Host and Microbe</i> , 2016, 19, 455-469.	11.0	244
9	Protective mucosal immunity mediated by epithelial CD1d and IL-10. <i>Nature</i> , 2014, 509, 497-502.	27.8	172
10	Dietary lipids fuel GPX4-restricted enteritis resembling Crohn's disease. <i>Nature Communications</i> , 2020, 11, 1775.	12.8	143
11	Long-term Efficacy of Vedolizumab for Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2017, 11, jjw176.	1.3	141
12	Defective ATG16L1-mediated removal of IRE1 β drives Crohn's disease-like ileitis. <i>Journal of Experimental Medicine</i> , 2017, 214, 401-422.	8.5	141
13	Long-term Efficacy of Vedolizumab for Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2017, 11, jjw177.	1.3	140
14	HOTAIR and its surrogate DNA methylation signature indicate carboplatin resistance in ovarian cancer. <i>Genome Medicine</i> , 2015, 7, 108.	8.2	138
15	Autophagy, Microbial Sensing, Endoplasmic Reticulum Stress, and Epithelial Function in Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2011, 140, 1738-1747.e2.	1.3	129
16	Characterization of animal models for primary sclerosing cholangitis (PSC). <i>Journal of Hepatology</i> , 2014, 60, 1290-1303.	3.7	129
17	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.	8.1	126
18	C13orf31 (FAMIN) is a central regulator of immunometabolic function. <i>Nature Immunology</i> , 2016, 17, 1046-1056.	14.5	123

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19	ATG16L1 orchestrates interleukin-22 signaling in the intestinal epithelium via cGAS-STING. <i>Journal of Experimental Medicine</i> , 2018, 215, 2868-2886.	8.5	122
20	ER stress transcription factor Xbp1 suppresses intestinal tumorigenesis and directs intestinal stem cells. <i>Journal of Experimental Medicine</i> , 2013, 210, 2041-2056.	8.5	120
21	Endoplasmic reticulum stress in the intestinal epithelium and inflammatory bowel disease. <i>Seminars in Immunology</i> , 2009, 21, 156-163.	5.6	110
22	Endoplasmic reticulum stress: implications for inflammatory bowel disease pathogenesis. <i>Current Opinion in Gastroenterology</i> , 2010, 26, 318-326.	2.3	93
23	Epithelial calcineurin controls microbiota-dependent intestinal tumor development. <i>Nature Medicine</i> , 2016, 22, 506-515.	30.7	93
24	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.	7.1	90
25	Epithelial IL-23R Signaling Licenses Protective IL-22 Responses in Intestinal Inflammation. <i>Cell Reports</i> , 2016, 16, 2208-2218.	6.4	89
26	Type I interferon signalling in the intestinal epithelium affects Paneth cells, microbial ecology and epithelial regeneration. <i>Gut</i> , 2014, 63, 1921-1931.	12.1	84
27	Interleukin-22 orchestrates a pathological endoplasmic reticulum stress response transcriptional programme in colonic epithelial cells. <i>Gut</i> , 2020, 69, 578-590.	12.1	84
28	The biliary epithelium presents antigens to and activates natural killer T cells. <i>Hepatology</i> , 2015, 62, 1249-1259.	7.3	83
29	GM-CSF Calibrates Macrophage Defense and Wound Healing Programs during Intestinal Infection and Inflammation. <i>Cell Reports</i> , 2020, 32, 107857.	6.4	79
30	The unfolded protein response and gastrointestinal disease. <i>Seminars in Immunopathology</i> , 2013, 35, 307-319.	6.1	74
31	Activating Transcription Factor 6 Mediates Inflammatory Signals in Intestinal Epithelial Cells Upon Endoplasmic Reticulum Stress. <i>Gastroenterology</i> , 2020, 159, 1357-1374.e10.	1.3	73
32	Paneth Cell Alertness to Pathogens Maintained by Vitamin D Receptors. <i>Gastroenterology</i> , 2021, 160, 1269-1283.	1.3	69
33	A Spaetzle-like role for nerve growth factor β in vertebrate immunity to <i>Staphylococcus aureus</i> . <i>Science</i> , 2014, 346, 641-646.	12.6	68
34	Genes and Environment: How Will Our Concepts on the Pathophysiology of IBD Develop in the Future?. <i>Digestive Diseases</i> , 2010, 28, 395-405.	1.9	65
35	Two microbiota subtypes identified in irritable bowel syndrome with distinct responses to the low FODMAP diet. <i>Gut</i> , 2022, 71, 1821-1830.	12.1	63
36	GPR35 promotes glycolysis, proliferation, and oncogenic signaling by engaging with the sodium potassium pump. <i>Science Signaling</i> , 2019, 12, .	3.6	58

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37	Intestinal epithelial cell endoplasmic reticulum stress promotes MULT1 up-regulation and NKG2D-mediated inflammation. <i>Journal of Experimental Medicine</i> , 2017, 214, 2985-2997.	8.5	52
38	Epithelial endoplasmic reticulum stress orchestrates a protective IgA response. <i>Science</i> , 2019, 363, 993-998.	12.6	51
39	The unfolded protein response and its role in intestinal homeostasis and inflammation. <i>Experimental Cell Research</i> , 2011, 317, 2772-2779.	2.6	46
40	FAMIN Is a Multifunctional Purine Enzyme Enabling the Purine Nucleotide Cycle. <i>Cell</i> , 2020, 180, 278-295.e23.	28.9	42
41	Activation of the GPR35 pathway drives angiogenesis in the tumour microenvironment. <i>Gut</i> , 2022, 71, 509-520.	12.1	41
42	Microsomal triglyceride transfer protein regulates endogenous and exogenous antigen presentation by group 1 CD1 molecules. <i>European Journal of Immunology</i> , 2008, 38, 2351-2359.	2.9	39
43	Reversal of murine alcoholic steatohepatitis by pepducin-based functional blockade of interleukin-8 receptors. <i>Gut</i> , 2017, 66, 930-938.	12.1	39
44	Not all monoclonals are created equal – Lessons from failed drug trials in Crohn's disease. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2014, 28, 437-449.	2.4	37
45	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.	1.3	36
46	Control of CD1d-restricted antigen presentation and inflammation by sphingomyelin. <i>Nature Immunology</i> , 2019, 20, 1644-1655.	14.5	35
47	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-G1105.	3.4	34
48	Impaired Autophagy in CD11b ⁺ Dendritic Cells Expands CD4 ⁺ Regulatory T Cells and Limits Atherosclerosis in Mice. <i>Circulation Research</i> , 2019, 125, 1019-1034.	4.5	31
49	Generation of primary human intestinal T cell transcriptomes reveals differential expression at genetic risk loci for immune-mediated disease. <i>Gut</i> , 2015, 64, 250-259.	12.1	30
50	SREBP1-induced fatty acid synthesis depletes macrophages antioxidant defences to promote their alternative activation. <i>Nature Metabolism</i> , 2021, 3, 1150-1162.	11.9	29
51	Genetically determined epithelial dysfunction and its consequences for microflora-host interactions. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3643-3649.	5.4	28
52	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, 15, 2001-2010.	1.3	27
53	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.	7.1	26
54	IDO1+ Paneth cells promote immune escape of colorectal cancer. <i>Communications Biology</i> , 2020, 3, 252.	4.4	26

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55	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.	1.9	25
56	PUFA-Induced Metabolic Enteritis as a Fuel for Crohn's Disease. <i>Gastroenterology</i> , 2022, 162, 1690-1704.	1.3	24
57	A purine metabolic checkpoint that prevents autoimmunity and autoinflammation. <i>Cell Metabolism</i> , 2022, 34, 106-124.e10.	16.2	23
58	Paneth cells and inflammation dance together in Crohn's disease. <i>Cell Research</i> , 2008, 18, 1160-1162.	12.0	22
59	Genetic Risk of Severe Covid-19. <i>New England Journal of Medicine</i> , 2020, 383, 1590-1591.	27.0	22
60	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.	4.8	21
61	A role for oncostatin M in inflammatory bowel disease. <i>Nature Medicine</i> , 2017, 23, 535-536.	30.7	20
62	Survive an innate immune response through XBP1. <i>Cell Research</i> , 2010, 20, 506-507.	12.0	15
63	$\alpha 4 \beta 7$ integrin: beyond T cell trafficking. <i>Gut</i> , 2014, 63, 1377-1379.	12.1	15
64	Paternal chronic colitis causes epigenetic inheritance of susceptibility to colitis. <i>Scientific Reports</i> , 2016, 6, 31640.	3.3	15
65	Epithelial X-Box Binding Protein 1 Coordinates Tumor Protein p53-Driven DNA Damage Responses and Suppression of Intestinal Carcinogenesis. <i>Gastroenterology</i> , 2022, 162, 223-237.e11.	1.3	15
66	ATG16L1 Crohn's disease risk stresses the endoplasmic reticulum of Paneth cells. <i>Gut</i> , 2014, 63, 1038-1039.	12.1	14
67	Natural Killer T Cells in Mucosal Homeostasis. <i>Annals of the New York Academy of Sciences</i> , 2004, 1029, 154-168.	3.8	12
68	Adaptive immunity in inflammatory bowel disease: state of the art. <i>Current Opinion in Gastroenterology</i> , 2008, 24, 455-461.	2.3	12
69	Failure of interleukin 13 blockade in ulcerative colitis. <i>Gut</i> , 2015, 64, 857-858.	12.1	12
70	IBD Genetics: Focus on (Dys) Regulation in Immune Cells and the Epithelium. <i>Gastroenterology</i> , 2014, 146, 896-899.	1.3	10
71	IOIBD Recommendations for Clinical Trials in Ulcerative Proctitis: The PROCTRIAL Consensus. <i>Clinical Gastroenterology and Hepatology</i> , 2022, 20, 2619-2627.e1.	4.4	9
72	The road to Crohn's disease. <i>Science</i> , 2017, 357, 976-977.	12.6	8

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73	Stressful genetics in Crohn's disease. <i>Nature</i> , 2014, 506, 441-442.	27.8	7
74	Introduction: the unfolded protein response's role in disease pathophysiology. <i>Seminars in Immunopathology</i> , 2013, 35, 255-257.	6.1	6
75	Discovery of Biomarkers of Response in Early Drug Development. <i>Journal of Crohn's and Colitis</i> , 2016, 10, S560-S566.	1.3	4
76	Endoplasmic Reticulum Stress Is Implicated in Intestinal Failure-Associated Liver Disease. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016, 40, 431-436.	2.6	4
77	Inflammatory bowel diseases: highlights from the United European Gastroenterology Week 2008. <i>Expert Opinion on Therapeutic Targets</i> , 2009, 13, 259-263.	3.4	3
78	Lessons from type I interferons in ulcerative colitis. <i>Gut</i> , 2011, 60, 430-431.	12.1	3
79	Personalized Treatment in Inflammatory Bowel Disease: For Another Time. <i>Gastroenterology</i> , 2018, 155, 963-964.	1.3	3
80	CD1d-Restricted T Cell Pathways at the Epithelial-Lymphocyte-Luminal Interface. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2004, 39, S719-S722.	1.8	2
81	Prostanoids put a brake on necroptosis in IBD. <i>Nature Cell Biology</i> , 2021, 23, 680-681.	10.3	2
82	Finding the right target for drug-resistant inflammatory bowel disease. <i>Nature Medicine</i> , 2021, 27, 1870-1871.	30.7	2
83	Novel aspects of autoimmunity. <i>Immunology and Cell Biology</i> , 2016, 94, 917-917.	2.3	0
84	Is IL-6 Back in trans Signaling for Inflammatory Bowel Disease?. <i>Gastroenterology</i> , 2021, 160, 2247-2249.	1.3	0