Ken Cadwell

List of Publications by Year in Descending Order

80 papers	13,662 citations	41 h-index	99 g-index
99 ext. papers	16,015 ext. citations	17.3 avg, IF	6.36 L-index

#	Paper	IF	Citations
80	IL-17RA-signaling in Lgr5 intestinal stem cells induces expression of transcription factor ATOH1 to promote secretory cell lineage commitment.. *Immunity*, **2022**,	32.3	6
79	Gut microbiome dysbiosis during COVID-19 is associated with increased risk for bacteremia and microbial translocation. **2022**,		3
78	Variable susceptibility of intestinal organoid-derived monolayers to SARS-CoV-2 infection.. *PLoS Biology*, **2022**, 20, e3001592	9.7	2
77	Single-Cell Transcriptional Survey of Ileal-Anal Pouch Immune Cells From Ulcerative Colitis Patients. *Gastroenterology*, **2021**, 160, 1679-1693	13.3	8
76	Enteric viruses evoke broad host immune responses resembling those elicited by the bacterial microbiome. *Cell Host and Microbe*, **2021**, 29, 1014-1029.e8	23.4	12
75	Effects of Intestinal Fungi and Viruses on Immune Responses and Inflammatory Bowel Diseases. *Gastroenterology*, **2021**, 160, 1050-1066	13.3	22
74	The role of gastrointestinal pathogens in inflammatory bowel disease: a systematic review. *Therapeutic Advances in Gastroenterology*, **2021**, 14, 17562848211004493	4.7	9
73	Nod1 promotes colorectal carcinogenesis by regulating the immunosuppressive functions of tumor-infiltrating myeloid cells. *Cell Reports*, **2021**, 34, 108677	10.6	18
72	Gut microbiome dysbiosis during COVID-19 is associated with increased risk for bacteremia and microbial translocation **2021**,		8
71	Serologic Response to Messenger RNA Coronavirus Disease 2019 Vaccines in Inflammatory Bowel Disease Patients Receiving Biologic Therapies. *Gastroenterology*, **2021**, 161, 715-718.e4	13.3	55
70	Autophagy in major human diseases. *EMBO Journal*, **2021**, 40, e108863	13	79
69	Atovaquone and Berberine Chloride Reduce SARS-CoV-2 Replication In Vitro.. *Viruses*, **2021**, 13,	6.2	2
68	Systematic review: gastrointestinal infection and incident inflammatory bowel disease. *Alimentary Pharmacology and Therapeutics*, **2020**, 51, 1222-1232	6.1	15
67	An intestinal organoid-based platform that recreates susceptibility to T-cell-mediated tissue injury. *Blood*, **2020**, 135, 2388-2401	2.2	19
66	Decoy exosomes provide protection against bacterial toxins. *Nature*, **2020**, 579, 260-264	50.4	79
65	Reinvigorating NIH Grant Peer Review. *Immunity*, **2020**, 52, 1-3	32.3	13
64	Altered Immunity of Laboratory Mice in the Natural Environment Is Associated with Fungal Colonization. *Cell Host and Microbe*, **2020**, 27, 809-822.e6	23.4	59

63	Rewilding Nod2 and Atg16l1 Mutant Mice Uncovers Genetic and Environmental Contributions to Microbial Responses and Immune Cell Composition. *Cell Host and Microbe*, **2020**, 27, 830-840.e4	23.4	31
62	Gut epithelial TSC1/mTOR controls RIPK3-dependent necroptosis in intestinal inflammation and cancer. *Journal of Clinical Investigation*, **2020**, 130, 2111-2128	15.9	48
61	Mapping the evolutionary landscape of Zika virus infection in immunocompromised mice. *Virus Evolution*, **2020**, 6, veaa092	3.7	2
60	Autophagy and microbial pathogenesis. *Cell Death and Differentiation*, **2020**, 27, 872-886	12.7	29
59	Paneth Cell-Derived Lysozyme Defines the Composition of Mucolytic Microbiota and the Inflammatory Tone of the Intestine. *Immunity*, **2020**, 53, 398-416.e8	32.3	29
58	A single early-in-life antibiotic course increases susceptibility to DSS-induced colitis. *Genome Medicine*, **2020**, 12, 65	14.4	12
57	Regulation of interferon signaling in response to gut microbes by autophagy. *Gut Microbes*, **2020**, 11, 126-134	8.8	5
56	IFN-I and IL-22 mediate protective effects of intestinal viral infection. *Nature Microbiology*, **2019**, 4, 1737-1749	26.6	38
55	Staphylococcus aureus Leukocidins Target Endothelial DARC to Cause Lethality in Mice. *Cell Host and Microbe*, **2019**, 25, 463-470.e9	23.4	9
54	Vasculature-associated fat macrophages readily adapt to inflammatory and metabolic challenges. *Journal of Experimental Medicine*, **2019**, 216, 786-806	16.6	57
53	172 Multiplex Polymerase Chain Reaction Stool Testing Detects Pathogens Not Frequently Detected on Concurrent Stool Culture With Ova and Parasite Exam. *American Journal of Gastroenterology*, **2019**, 114, S105-S106	0.7	
52	Universal Principled Review: A Community-Driven Method to Improve Peer Review. *Cell*, **2019**, 179, 1441-1445	56.2	4
51	Tropism for tuft cells determines immune promotion of norovirus pathogenesis. *Science*, **2018**, 360, 204-208	33.9	122
50	Autophagy and Inflammation. *Annual Review of Immunology*, **2018**, 36, 73-101	34.7	147
49	Beyond self-eating: The control of nonautophagic functions and signaling pathways by autophagy-related proteins. *Journal of Cell Biology*, **2018**, 217, 813-822	7.3	70
48	Enteric Infections Are Common in Patients with Flares of Inflammatory Bowel Disease. *American Journal of Gastroenterology*, **2018**, 113, 1530-1539	0.7	45
47	B Cell Defects Observed in Knockout Mice Are a Consequence of a Mutation Frequently Found in Inbred Strains. *Journal of Immunology*, **2018**, 201, 1442-1451	5.3	7
46	Getting a Taste for Parasites in the Gut. *Immunity*, **2018**, 49, 16-18	32.3	5

45	Gut colonization with vancomycin-resistant and risk for subsequent enteric infection. *Gut Pathogens*, **2018**, 10, 28	5.4	6
44	Myeloid ATG16L1 does not affect adipose tissue inflammation or body mass in mice fed high fat diet. *Obesity Research and Clinical Practice*, **2018**, 12, 174-186	5.4	4
43	There was collusion: Microbes in inflammatory bowel disease. *PLoS Pathogens*, **2018**, 14, e1007215	7.6	8
42	The Intestinal Virome and Immunity. *Journal of Immunology*, **2018**, 201, 1615-1624	5.3	61
41	Sugar Turns Bacteria Sweet: A Peace Offering in the Gut. *Cell*, **2018**, 175, 36-37	56.2	1
40	Autophagy proteins suppress protective type I interferon signalling in response to the murine gut microbiota. *Nature Microbiology*, **2018**, 3, 1131-1141	26.6	51
39	A20 and ABIN-1 team up against intestinal epithelial cell death. *Journal of Experimental Medicine*, **2018**, 215, 1771-1773	16.6	
38	A single early-in-life macrolide course has lasting effects on murine microbial network topology and immunity. *Nature Communications*, **2017**, 8, 518	17.4	69
37	Autophagy protein ATG16L1 prevents necroptosis in the intestinal epithelium. *Journal of Experimental Medicine*, **2017**, 214, 3687-3705	16.6	140
36	Tregs restrain dendritic cell autophagy to ameliorate autoimmunity. *Journal of Clinical Investigation* , **2017**, 127, 2789-2804	15.9	66
35	Antibiotic-mediated gut microbiome perturbation accelerates development of type 1 diabetes in mice. *Nature Microbiology*, **2016**, 1, 16140	26.6	209
34	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
33	Intrinsic Defense Mechanisms of the Intestinal Epithelium. *Cell Host and Microbe*, **2016**, 19, 434-41	23.4	72
32	Helminth infection promotes colonization resistance via type 2 immunity. *Science*, **2016**, 352, 608-12	33.3	244
31	Crosstalk between autophagy and inflammatory signalling pathways: balancing defence and homeostasis. *Nature Reviews Immunology*, **2016**, 16, 661-675	36.5	234
30	Autophagy mediates tolerance to Staphylococcus aureus alpha-toxin. *Cell Host and Microbe*, **2015**, 17, 429-40	23.4	104
29	Gastrointestinal dissemination and transmission of Staphylococcus aureus following bacteremia. *Infection and Immunity*, **2015**, 83, 372-8	3.7	13
28	The virome in host health and disease. *Immunity*, **2015**, 42, 805-13	32.3	114

27	Autophagy is a key tolerance mechanism during Staphylococcus aureus infection. *Autophagy*, **2015**, 11, 1184-6	10.2	22
26	Expanding the role of the virome: commensalism in the gut. *Journal of Virology*, **2015**, 89, 1951-3	6.6	54
25	Ubiquilin 1 Promotes IFN-Induced Xenophagy of Mycobacterium tuberculosis. *PLoS Pathogens*, **2015**, 11, e1005076	7.6	50
24	An enteric virus can replace the beneficial function of commensal bacteria. *Nature*, **2014**, 516, 94-8	50.4	347
23	Autophagy facilitates Salmonella replication in HeLa cells. *MBio*, **2014**, 5, e00865-14	7.8	69
22	Bacterial sensor Nod2 prevents inflammation of the small intestine by restricting the expansion of the commensal Bacteroides vulgatus. *Immunity*, **2014**, 41, 311-24	32.3	173
21	Autophagy gene Atg16L1 prevents lethal T cell alloreactivity mediated by dendritic cells. *Immunity*, **2014**, 41, 579-91	32.3	75
20	Autophagy, viruses, and intestinal immunity. *Current Opinion in Gastroenterology*, **2014**, 30, 539-46	3	11
19	A deficiency in the autophagy gene Atg16L1 enhances resistance to enteric bacterial infection. *Cell Host and Microbe*, **2013**, 14, 216-24	23.4	90
18	Autophagy meets phagocytosis. *Immunity*, **2013**, 39, 425-7	32.3	14
17	Bacteria, it's what's for dinner. *Cell Host and Microbe*, **2013**, 13, 627-8	23.4	1
16	Autophagy proteins control goblet cell function by potentiating reactive oxygen species production. *EMBO Journal*, **2013**, 32, 3130-44	13	165
15	FIP200 regulates targeting of Atg16L1 to the isolation membrane. *EMBO Reports*, **2013**, 14, 284-91	6.5	138
14	Atg16L1 deficiency confers protection from uropathogenic Escherichia coli infection in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 11008-13	11.5	85
13	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	10.2	2783
12	Viruses, autophagy genes, and Crohn's disease. *Viruses*, **2011**, 3, 1281-311	6.2	30
11	Virus-plus-susceptibility gene interaction determines Crohn's disease gene Atg16L1 phenotypes in intestine. *Cell*, **2010**, 141, 1135-45	56.2	708
10	Identification of Atg5-dependent transcriptional changes and increases in mitochondrial mass in Atg5-deficient T lymphocytes. *Autophagy*, **2009**, 5, 625-35	10.2	164

9	Quantitation of selective autophagic protein aggregate degradation in vitro and in vivo using luciferase reporters. *Autophagy*, **2009**, 5, 511-9	10.2	41
8	Role of autophagy and autophagy genes in inflammatory bowel disease. *Current Topics in Microbiology and Immunology*, **2009**, 335, 141-67	3.3	40
7	A common role for Atg16L1, Atg5 and Atg7 in small intestinal Paneth cells and Crohn disease. *Autophagy*, **2009**, 5, 250-2	10.2	172
6	A key role for autophagy and the autophagy gene Atg16l1 in mouse and human intestinal Paneth cells. *Nature*, **2008**, 456, 259-63	50.4	1133
5	Autophagosome-independent essential function for the autophagy protein Atg5 in cellular immunity to intracellular pathogens. *Cell Host and Microbe*, **2008**, 4, 458-69	23.4	332
4	The autophagy gene ATG5 plays an essential role in B lymphocyte development. *Autophagy*, **2008**, 4, 309-14	10.2	270
3	The specificities of Kaposi's sarcoma-associated herpesvirus-encoded E3 ubiquitin ligases are determined by the positions of lysine or cysteine residues within the intracytoplasmic domains of their targets. *Journal of Virology*, **2008**, 82, 4184-9	6.6	46
2	Ubiquitination on nonlysine residues by a viral E3 ubiquitin ligase. *Science*, **2005**, 309, 127-30	33.3	317
1	Vasculature-associated adipose tissue macrophages dynamically adapt to inflammatory and metabolic challenges		1