

# Ken Cadwell

## List of Publications by Citations

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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.

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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
79	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-546	10.2	2783
78	A key role for autophagy and the autophagy gene Atg16l1 in mouse and human intestinal Paneth cells. <i>Nature</i> , <b>2008</b> , 456, 259-63	50.4	1133
77	Virus-plus-susceptibility gene interaction determines Crohn's disease gene Atg16L1 phenotypes in intestine. <i>Cell</i> , <b>2010</b> , 141, 1135-45	56.2	708
76	An enteric virus can replace the beneficial function of commensal bacteria. <i>Nature</i> , <b>2014</b> , 516, 94-8	50.4	347
75	Autophagosome-independent essential function for the autophagy protein Atg5 in cellular immunity to intracellular pathogens. <i>Cell Host and Microbe</i> , <b>2008</b> , 4, 458-69	23.4	332
74	Ubiquitination on nonlysine residues by a viral E3 ubiquitin ligase. <i>Science</i> , <b>2005</b> , 309, 127-30	33.3	317
73	The autophagy gene ATG5 plays an essential role in B lymphocyte development. <i>Autophagy</i> , <b>2008</b> , 4, 309-14	10.2	270
72	Helminth infection promotes colonization resistance via type 2 immunity. <i>Science</i> , <b>2016</b> , 352, 608-12	33.3	244
71	Crosstalk between autophagy and inflammatory signalling pathways: balancing defence and homeostasis. <i>Nature Reviews Immunology</i> , <b>2016</b> , 16, 661-675	36.5	234
70	Antibiotic-mediated gut microbiome perturbation accelerates development of type 1 diabetes in mice. <i>Nature Microbiology</i> , <b>2016</b> , 1, 16140	26.6	209
69	Bacterial sensor Nod2 prevents inflammation of the small intestine by restricting the expansion of the commensal <i>Bacteroides vulgatus</i> . <i>Immunity</i> , <b>2014</b> , 41, 311-24	32.3	173
68	A common role for Atg16L1, Atg5 and Atg7 in small intestinal Paneth cells and Crohn disease. <i>Autophagy</i> , <b>2009</b> , 5, 250-2	10.2	172
67	Autophagy proteins control goblet cell function by potentiating reactive oxygen species production. <i>EMBO Journal</i> , <b>2013</b> , 32, 3130-44	13	165
66	Identification of Atg5-dependent transcriptional changes and increases in mitochondrial mass in Atg5-deficient T lymphocytes. <i>Autophagy</i> , <b>2009</b> , 5, 625-35	10.2	164
65	Autophagy and Inflammation. <i>Annual Review of Immunology</i> , <b>2018</b> , 36, 73-101	34.7	147
64	Autophagy protein ATG16L1 prevents necroptosis in the intestinal epithelium. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 3687-3705	16.6	140

63	FIP200 regulates targeting of Atg16L1 to the isolation membrane. <i>EMBO Reports</i> , <b>2013</b> , 14, 284-91	6.5	138
62	Tropism for tuft cells determines immune promotion of norovirus pathogenesis. <i>Science</i> , <b>2018</b> , 360, 204-208	33.5	122
61	The virome in host health and disease. <i>Immunity</i> , <b>2015</b> , 42, 805-13	32.3	114
60	Autophagy mediates tolerance to Staphylococcus aureus alpha-toxin. <i>Cell Host and Microbe</i> , <b>2015</b> , 17, 429-40	23.4	104
59	A deficiency in the autophagy gene Atg16L1 enhances resistance to enteric bacterial infection. <i>Cell Host and Microbe</i> , <b>2013</b> , 14, 216-24	23.4	90
58	Atg16L1 deficiency confers protection from uropathogenic Escherichia coli infection in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 11008-13	11.5	85
57	Decoy exosomes provide protection against bacterial toxins. <i>Nature</i> , <b>2020</b> , 579, 260-264	50.4	79
56	Autophagy in major human diseases. <i>EMBO Journal</i> , <b>2021</b> , 40, e108863	13	79
55	Autophagy gene Atg16L1 prevents lethal T cell alloreactivity mediated by dendritic cells. <i>Immunity</i> , <b>2014</b> , 41, 579-91	32.3	75
54	Intrinsic Defense Mechanisms of the Intestinal Epithelium. <i>Cell Host and Microbe</i> , <b>2016</b> , 19, 434-41	23.4	72
53	Beyond self-eating: The control of nonautophagic functions and signaling pathways by autophagy-related proteins. <i>Journal of Cell Biology</i> , <b>2018</b> , 217, 813-822	7.3	70
52	Autophagy facilitates Salmonella replication in HeLa cells. <i>MBio</i> , <b>2014</b> , 5, e00865-14	7.8	69
51	A single early-in-life macrolide course has lasting effects on murine microbial network topology and immunity. <i>Nature Communications</i> , <b>2017</b> , 8, 518	17.4	69
50	Tregs restrain dendritic cell autophagy to ameliorate autoimmunity. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 2789-2804	15.9	66
49	The Intestinal Virome and Immunity. <i>Journal of Immunology</i> , <b>2018</b> , 201, 1615-1624	5.3	61
48	Altered Immunity of Laboratory Mice in the Natural Environment Is Associated with Fungal Colonization. <i>Cell Host and Microbe</i> , <b>2020</b> , 27, 809-822.e6	23.4	59
47	Vasculature-associated fat macrophages readily adapt to inflammatory and metabolic challenges. <i>Journal of Experimental Medicine</i> , <b>2019</b> , 216, 786-806	16.6	57
46	Serologic Response to Messenger RNA Coronavirus Disease 2019 Vaccines in Inflammatory Bowel Disease Patients Receiving Biologic Therapies. <i>Gastroenterology</i> , <b>2021</b> , 161, 715-718.e4	13.3	55

45	Expanding the role of the virome: commensalism in the gut. <i>Journal of Virology</i> , <b>2015</b> , 89, 1951-3	6.6	54
44	Autophagy proteins suppress protective type I interferon signalling in response to the murine gut microbiota. <i>Nature Microbiology</i> , <b>2018</b> , 3, 1131-1141	26.6	51
43	Ubiquilin 1 Promotes IFN- $\beta$ -Induced Xenophagy of Mycobacterium tuberculosis. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1005076	7.6	50
42	Gut epithelial TSC1/mTOR controls RIPK3-dependent necroptosis in intestinal inflammation and cancer. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 2111-2128	15.9	48
41	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. <i>Journal of Virology</i> , <b>2008</b> , 82, 4184-9	6.6	46
40	Enteric Infections Are Common in Patients with Flares of Inflammatory Bowel Disease. <i>American Journal of Gastroenterology</i> , <b>2018</b> , 113, 1530-1539	0.7	45
39	Quantitation of selective autophagic protein aggregate degradation in vitro and in vivo using luciferase reporters. <i>Autophagy</i> , <b>2009</b> , 5, 511-9	10.2	41
38	Role of autophagy and autophagy genes in inflammatory bowel disease. <i>Current Topics in Microbiology and Immunology</i> , <b>2009</b> , 335, 141-67	3.3	40
37	IFN-I and IL-22 mediate protective effects of intestinal viral infection. <i>Nature Microbiology</i> , <b>2019</b> , 4, 1737-1749	17.4	38
36	Rewilding Nod2 and Atg16l1 Mutant Mice Uncovers Genetic and Environmental Contributions to Microbial Responses and Immune Cell Composition. <i>Cell Host and Microbe</i> , <b>2020</b> , 27, 830-840.e4	23.4	31
35	Viruses, autophagy genes, and Crohn's disease. <i>Viruses</i> , <b>2011</b> , 3, 1281-311	6.2	30
34	Autophagy and microbial pathogenesis. <i>Cell Death and Differentiation</i> , <b>2020</b> , 27, 872-886	12.7	29
33	Paneth Cell-Derived Lysozyme Defines the Composition of Mucolytic Microbiota and the Inflammatory Tone of the Intestine. <i>Immunity</i> , <b>2020</b> , 53, 398-416.e8	32.3	29
32	Autophagy is a key tolerance mechanism during Staphylococcus aureus infection. <i>Autophagy</i> , <b>2015</b> , 11, 1184-6	10.2	22
31	Effects of Intestinal Fungi and Viruses on Immune Responses and Inflammatory Bowel Diseases. <i>Gastroenterology</i> , <b>2021</b> , 160, 1050-1066	13.3	22
30	An intestinal organoid-based platform that recreates susceptibility to T-cell-mediated tissue injury. <i>Blood</i> , <b>2020</b> , 135, 2388-2401	2.2	19
29	Nod1 promotes colorectal carcinogenesis by regulating the immunosuppressive functions of tumor-infiltrating myeloid cells. <i>Cell Reports</i> , <b>2021</b> , 34, 108677	10.6	18
28	Systematic review: gastrointestinal infection and incident inflammatory bowel disease. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2020</b> , 51, 1222-1232	6.1	15

27	Autophagy meets phagocytosis. <i>Immunity</i> , <b>2013</b> , 39, 425-7	32.3	14
26	Gastrointestinal dissemination and transmission of Staphylococcus aureus following bacteremia. <i>Infection and Immunity</i> , <b>2015</b> , 83, 372-8	3.7	13
25	Reinvigorating NIH Grant Peer Review. <i>Immunity</i> , <b>2020</b> , 52, 1-3	32.3	13
24	A single early-in-life antibiotic course increases susceptibility to DSS-induced colitis. <i>Genome Medicine</i> , <b>2020</b> , 12, 65	14.4	12
23	Enteric viruses evoke broad host immune responses resembling those elicited by the bacterial microbiome. <i>Cell Host and Microbe</i> , <b>2021</b> , 29, 1014-1029.e8	23.4	12
22	Autophagy, viruses, and intestinal immunity. <i>Current Opinion in Gastroenterology</i> , <b>2014</b> , 30, 539-46	3	11
21	Staphylococcus aureus Leukocidins Target Endothelial DARC to Cause Lethality in Mice. <i>Cell Host and Microbe</i> , <b>2019</b> , 25, 463-470.e9	23.4	9
20	The role of gastrointestinal pathogens in inflammatory bowel disease: a systematic review. <i>Therapeutic Advances in Gastroenterology</i> , <b>2021</b> , 14, 17562848211004493	4.7	9
19	Single-Cell Transcriptional Survey of Ileal-Anal Pouch Immune Cells From Ulcerative Colitis Patients. <i>Gastroenterology</i> , <b>2021</b> , 160, 1679-1693	13.3	8
18	There was collusion: Microbes in inflammatory bowel disease. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007215	7.6	8
17	Gut microbiome dysbiosis during COVID-19 is associated with increased risk for bacteremia and microbial translocation <b>2021</b> ,		8
16	B Cell Defects Observed in Knockout Mice Are a Consequence of a Mutation Frequently Found in Inbred Strains. <i>Journal of Immunology</i> , <b>2018</b> , 201, 1442-1451	5.3	7
15	Gut colonization with vancomycin-resistant and risk for subsequent enteric infection. <i>Gut Pathogens</i> , <b>2018</b> , 10, 28	5.4	6
14	IL-17RA-signaling in Lgr5 intestinal stem cells induces expression of transcription factor ATOH1 to promote secretory cell lineage commitment.. <i>Immunity</i> , <b>2022</b> ,	32.3	6
13	Getting a Taste for Parasites in the Gut. <i>Immunity</i> , <b>2018</b> , 49, 16-18	32.3	5
12	Regulation of interferon signaling in response to gut microbes by autophagy. <i>Gut Microbes</i> , <b>2020</b> , 11, 126-134	8.8	5
11	Universal Principled Review: A Community-Driven Method to Improve Peer Review. <i>Cell</i> , <b>2019</b> , 179, 1441-1445	56.4	4
10	Myeloid ATG16L1 does not affect adipose tissue inflammation or body mass in mice fed high fat diet. <i>Obesity Research and Clinical Practice</i> , <b>2018</b> , 12, 174-186	5.4	4

9	Gut microbiome dysbiosis during COVID-19 is associated with increased risk for bacteremia and microbial translocation. <b>2022</b> ,		3
8	Mapping the evolutionary landscape of Zika virus infection in immunocompromised mice. <i>Virus Evolution</i> , <b>2020</b> , 6, veaa092	3.7	2
7	Variable susceptibility of intestinal organoid-derived monolayers to SARS-CoV-2 infection.. <i>PLoS Biology</i> , <b>2022</b> , 20, e3001592	9.7	2
6	Atovaquone and Berberine Chloride Reduce SARS-CoV-2 Replication In Vitro.. <i>Viruses</i> , <b>2021</b> , 13,	6.2	2
5	Bacteria, it's what's for dinner. <i>Cell Host and Microbe</i> , <b>2013</b> , 13, 627-8	23.4	1
4	Vasculature-associated adipose tissue macrophages dynamically adapt to inflammatory and metabolic challenges		1
3	Sugar Turns Bacteria Sweet: A Peace Offering in the Gut. <i>Cell</i> , <b>2018</b> , 175, 36-37	56.2	1
2	172 Multiplex Polymerase Chain Reaction Stool Testing Detects Pathogens Not Frequently Detected on Concurrent Stool Culture With Ova and Parasite Exam. <i>American Journal of Gastroenterology</i> , <b>2019</b> , 114, S105-S106	0.7	
1	A20 and ABIN-1 team up against intestinal epithelial cell death. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 1771-1773	16.6	