

Impaired Autophagy of an Intracellular Pathogen Induced by an ATG16L1 Variant

PLoS ONE

3, e3391

DOI: [10.1371/journal.pone.0003391](https://doi.org/10.1371/journal.pone.0003391)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Paneth cells and inflammation dance together in Crohn's disease. <i>Cell Research</i> , 2008, 18, 1160-1162.	5.7	22
2	Autophagy Gives a Nod and a Wink to the Inflammasome and Paneth Cells in Crohn's Disease. <i>Developmental Cell</i> , 2008, 15, 641-642.	3.1	25
4	The Genetic Basis of Inflammatory Bowel Disease. <i>Digestive Diseases</i> , 2009, 27, 428-442.	0.8	57
5	Activation of antibacterial autophagy by NADPH oxidases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6226-6231.	3.3	506
6	Differential Involvement of Atg16L1 in Crohn Disease and Canonical Autophagy. <i>Journal of Biological Chemistry</i> , 2009, 284, 32602-32609.	1.6	108
7	Morbus Crohn--a disease of failing macroautophagy in the immune system?. <i>International Immunology</i> , 2009, 21, 1205-1211.	1.8	5
8	Crohn's Disease, Autophagy, and the Paneth Cell. <i>New England Journal of Medicine</i> , 2009, 360, 1785-1786.	13.9	45
9	Role of Autophagy and Autophagy Genes in Inflammatory Bowel Disease. <i>Current Topics in Microbiology and Immunology</i> , 2009, 335, 141-167.	0.7	43
10	Links between Autophagy, Innate Immunity, Inflammation and Crohn's Disease. <i>Digestive Diseases</i> , 2009, 27, 246-251.	0.8	38
11	Crohn disease and autophagy. <i>Autophagy</i> , 2009, 5, 139-139.	4.3	3
12	Replication of recently identified associated single-nucleotide polymorphisms from six autoimmune diseases in Genetic Analysis Workshop 16 rheumatoid arthritis data. <i>BMC Proceedings</i> , 2009, 3, S31.	1.8	7
13	Molecular basis of canonical and bactericidal autophagy. <i>International Immunology</i> , 2009, 21, 1199-1204.	1.8	37
14	GWA studies: rewriting the story of IBD. <i>Trends in Genetics</i> , 2009, 25, 137-146.	2.9	79
15	Digging out Crohn's disease genes. <i>Inflammatory Bowel Diseases</i> , 2009, 15, 1436-1437.	0.9	0
16	Role of ATG16L1 Thr300Ala polymorphism in inflammatory bowel disease: A Study in the Spanish population and a meta-analysis. <i>Inflammatory Bowel Diseases</i> , 2009, 15, 1697-1704.	0.9	21
17	Inflammatory bowel disease: review from the aspect of genetics. <i>Journal of Gastroenterology</i> , 2009, 44, 1097-1108.	2.3	45
18	Insights into IBD pathogenesis. <i>Current Gastroenterology Reports</i> , 2009, 11, 473-480.	1.1	72
19	Autophagy genes in immunity. <i>Nature Immunology</i> , 2009, 10, 461-470.	7.0	401

#	ARTICLE	IF	CITATIONS
20	Validating, augmenting and refining genome-wide association signals. <i>Nature Reviews Genetics</i> , 2009, 10, 318-329.	7.7	339
21	Multiple regulatory and effector roles of autophagy in immunity. <i>Current Opinion in Immunology</i> , 2009, 21, 53-62.	2.4	98
22	The immunopathogenesis of Crohn's disease: a three-stage model. <i>Current Opinion in Immunology</i> , 2009, 21, 506-513.	2.4	84
23	The Genetics of Crohn's Disease. <i>Annual Review of Genomics and Human Genetics</i> , 2009, 10, 89-116.	2.5	223
24	Autophagy, Immunity, and Microbial Adaptations. <i>Cell Host and Microbe</i> , 2009, 5, 527-549.	5.1	774
25	Endoplasmic reticulum stress in the intestinal epithelium and inflammatory bowel disease. <i>Seminars in Immunology</i> , 2009, 21, 156-163.	2.7	110
26	Lack of association of NKX2-3, IRGM, and ATG16L1 inflammatory bowel disease susceptibility variants with celiac disease. <i>Human Immunology</i> , 2009, 70, 946-949.	1.2	15
27	Autophagy: from basic science to clinical application. <i>Mucosal Immunology</i> , 2009, 2, 315-330.	2.7	38
28	Infection, Inflammation, and Homeostasis in Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2009, 137, 415-418.	0.6	5
29	Crohn's disease: Th1, Th17 or both? The change of a paradigm: new immunological and genetic insights implicate Th17 cells in the pathogenesis of Crohn's disease. <i>Gut</i> , 2009, 58, 1152-1167.	6.1	558
30	The role of macrophages in inflammatory bowel diseases. <i>Expert Reviews in Molecular Medicine</i> , 2009, 11, e14.	1.6	79
31	Autophagy, immunity and human disease. <i>Current Opinion in Gastroenterology</i> , 2009, 25, 512-520.	1.0	35
32	A common role for Atg16L1, Atg5, and Atg7 in small intestinal Paneth cells and Crohn disease. <i>Autophagy</i> , 2009, 5, 250-252.	4.3	202
33	Endoplasmic reticulum stress: implications for inflammatory bowel disease pathogenesis. <i>Current Opinion in Gastroenterology</i> , 2010, 26, 318-326.	1.0	93
34	Abnormalities in the Handling of Intracellular Bacteria in Crohn's Disease. <i>Journal of Clinical Gastroenterology</i> , 2010, 44, S26-S29.	1.1	20
35	Crohn's Disease: an Immune Deficiency State. <i>Clinical Reviews in Allergy and Immunology</i> , 2010, 38, 20-31.	2.9	83
36	Bacterial Invasion: Linking Autophagy and Innate Immunity. <i>Current Biology</i> , 2010, 20, R106-R108.	1.8	13
37	The protein Nod2: An innate receptor more complex than previously assumed. <i>Biochemical Pharmacology</i> , 2010, 80, 2021-2031.	2.0	74

#	ARTICLE	IF	CITATIONS
38	Autophagy genes as tumor suppressors. <i>Current Opinion in Cell Biology</i> , 2010, 22, 226-233.	2.6	87
39	Autophagy at the gut interface: Mucosal responses to stress and the consequences for inflammatory bowel diseases. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 152-174.	0.9	23
40	Characterization of single-nucleotide polymorphisms relevant to inflammatory bowel disease in commonly used gastrointestinal cell lines. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 282-295.	0.9	11
41	The path to Crohn's disease: Is mucosal pathology a secondary event?. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 896-902.	0.9	43
42	Genetics of inflammasome-associated disorders: A lesson in the guiding principals of inflammasome function. <i>European Journal of Immunology</i> , 2010, 40, 643-648.	1.6	13
43	Nod1 and Nod2 direct autophagy by recruiting ATG16L1 to the plasma membrane at the site of bacterial entry. <i>Nature Immunology</i> , 2010, 11, 55-62.	7.0	1,125
44	Crohn's disease-associated adherent-invasive <i>E. coli</i> are selectively favoured by impaired autophagy to replicate intracellularly. <i>Cellular Microbiology</i> , 2010, 12, 99-113.	1.1	291
45	Microbial Sensing by the Intestinal Epithelium in the Pathogenesis of Inflammatory Bowel Disease. <i>International Journal of Inflammation</i> , 2010, 2010, 1-12.	0.9	17
46	Crohn's disease as an immunodeficiency. <i>Expert Review of Clinical Immunology</i> , 2010, 6, 585-596.	1.3	22
47	A Microbe-Dependent Viral Key to Crohn's Box. <i>Science Translational Medicine</i> , 2010, 2, 43ps39.	5.8	5
48	Endoplasmic reticulum stress and intestinal inflammation. <i>Mucosal Immunology</i> , 2010, 3, 11-16.	2.7	125
49	Autophagy in health and disease. 1. Regulation and significance of autophagy: an overview. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C776-C785.	2.1	168
50	The role of the macrophage in sentinel responses in intestinal immunity. <i>Current Opinion in Gastroenterology</i> , 2010, 26, 578-582.	1.0	50
51	The role of autophagy in Paneth cell differentiation and secretion. <i>Mucosal Immunology</i> , 2010, 3, 8-10.	2.7	18
52	Autophagy and Crohns Disease: At the Crossroads of Infection, Inflammation, Immunity, and Cancer. <i>Current Molecular Medicine</i> , 2010, 10, 486-502.	0.6	66
53	'Nodophagy'. <i>Gut Microbes</i> , 2010, 1, 307-315.	4.3	16
54	Role of defective autophagia and the intestinal flora in Crohn disease. <i>Self/nonself</i> , 2010, 1, 323-327.	2.0	4
55	Mycobacteria in Crohn's disease: how innate immune deficiency may result in chronic inflammation. <i>Expert Review of Clinical Immunology</i> , 2010, 6, 633-641.	1.3	25

#	ARTICLE	IF	CITATIONS
56	Eating the enemy in Crohn's disease. <i>Journal of Crohn's and Colitis</i> , 2010, 4, 377-383.	0.6	11
57	ATG16L1 and NOD2 Interact in an Autophagy-Dependent Antibacterial Pathway Implicated in Crohn's Disease Pathogenesis. <i>Gastroenterology</i> , 2010, 139, 1630-1641.e2.	0.6	322
58	p110 [̂] Mutant Mice Reveal Central Role for PI3K Signaling in Intestinal Macrophages. <i>Gastroenterology</i> , 2010, 139, 1451-1453.	0.6	1
59	Crohn's Disease Susceptibility Gene Interactions, a NOD to the Newcomer ATG16L1. <i>Gastroenterology</i> , 2010, 139, 1448-1450.	0.6	24
60	Origin and fate of dietary nanoparticles and microparticles in the gastrointestinal tract. <i>Journal of Autoimmunity</i> , 2010, 34, J226-J233.	3.0	416
61	Animal models of IBD: linkage to human disease. <i>Current Opinion in Pharmacology</i> , 2010, 10, 578-587.	1.7	96
62	Homeostasis and Inflammation in the Intestine. <i>Cell</i> , 2010, 140, 859-870.	13.5	671
63	A Diacylglycerol-Dependent Signaling Pathway Contributes to Regulation of Antibacterial Autophagy. <i>Cell Host and Microbe</i> , 2010, 8, 137-146.	5.1	141
64	Autophagy and innate immunity: Triggering, targeting and tuning. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 699-711.	2.3	113
65	Inflammatory Bowel Disease. <i>Annual Review of Immunology</i> , 2010, 28, 573-621.	9.5	1,642
66	Inflammatory bowel disease—From mechanisms to treatment strategies. <i>Autoimmunity</i> , 2010, 43, 463-477.	1.2	44
67	Regulation of Mammalian Autophagy in Physiology and Pathophysiology. <i>Physiological Reviews</i> , 2010, 90, 1383-1435.	13.1	1,557
68	Crohn's disease-associated ATG16L1 polymorphism modulates pro-inflammatory cytokine responses selectively upon activation of NOD2. <i>Gut</i> , 2011, 60, 1229-1235.	6.1	172
69	Recent Insights Into the Genetics of Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2011, 140, 1704-1712.e2.	0.6	367
70	Combined azithromycin and metronidazole therapy is effective in inducing remission in pediatric Crohn's disease. <i>Journal of Crohn's and Colitis</i> , 2011, 5, 222-226.	0.6	37
71	Autophagy Signaling Through Reactive Oxygen Species. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 2215-2231.	2.5	209
72	Crohn's disease: NOD2, autophagy and ER stress converge. <i>Gut</i> , 2011, 60, 1580-1588.	6.1	188
73	Autophagy: Renovation of Cells and Tissues. <i>Cell</i> , 2011, 147, 728-741.	13.5	4,844

#	ARTICLE	IF	CITATIONS
74	A hospital-based study of clinical and genetic features of Crohn's disease. <i>Journal of the Formosan Medical Association</i> , 2011, 110, 600-606.	0.8	25
75	Genetics and pathogenesis of inflammatory bowel disease. <i>Nature</i> , 2011, 474, 307-317.	13.7	2,040
76	Autophagy: A Primer for the Gastroenterologist/Hepatologist. <i>Canadian Journal of Gastroenterology & Hepatology</i> , 2011, 25, 667-674.	1.8	10
77	Macroautophagy during Innate Immune Activation. <i>Frontiers in Microbiology</i> , 2011, 2, 72.	1.5	11
78	Functional Studies on the IBD Susceptibility Gene IL23R Implicate Reduced Receptor Function in the Protective Genetic Variant R381Q. <i>PLoS ONE</i> , 2011, 6, e25038.	1.1	93
79	Host genetic susceptibility, dysbiosis, and viral triggers in inflammatory bowel disease. <i>Current Opinion in Gastroenterology</i> , 2011, 27, 321-327.	1.0	64
80	Autophagy is required for toll-like receptor-mediated interleukin-8 production in intestinal epithelial cells. <i>International Journal of Molecular Medicine</i> , 2011, 27, 337-44.	1.8	21
81	Host and gut microbiota symbiotic factors: lessons from inflammatory bowel disease and successful symbionts. <i>Cellular Microbiology</i> , 2011, 13, 508-517.	1.1	25
82	Mitoxosome: a mitochondrial platform for cross-talk between cellular stress and antiviral signaling. <i>Immunological Reviews</i> , 2011, 243, 215-234.	2.8	32
83	A synonymous variant in IRGM alters a binding site for miR-196 and causes deregulation of IRGM-dependent xenophagy in Crohn's disease. <i>Nature Genetics</i> , 2011, 43, 242-245.	9.4	523
84	Autophagy in immunity and inflammation. <i>Nature</i> , 2011, 469, 323-335.	13.7	2,901
85	The complex interplay of NOD-like receptors and the autophagy machinery in the pathophysiology of Crohn disease. <i>European Journal of Cell Biology</i> , 2011, 90, 593-602.	1.6	32
86	The Neutrophil Respiratory Burst and Bacterial Digestion in Crohn's Disease. <i>Digestive Diseases and Sciences</i> , 2011, 56, 1482-1488.	1.1	21
87	Adiponectin and Plant-Derived Mammalian Adiponectin Homolog Exert a Protective Effect in Murine Colitis. <i>Digestive Diseases and Sciences</i> , 2011, 56, 2818-2832.	1.1	33
88	A review of major Crohn's disease susceptibility genes and their role in disease pathogenesis. <i>Genes and Genomics</i> , 2011, 33, 317-325.	0.5	6
89	Function of the intestinal epithelium and its dysregulation in inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 382-395.	0.9	102
90	Importance of disrupted intestinal barrier in inflammatory bowel diseases. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 362-381.	0.9	466
91	Is metabolic stress a common denominator in inflammatory bowel disease?. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 2008-2018.	0.9	25

#	ARTICLE	IF	CITATIONS
92	Intestinal microbiota in inflammatory bowel disease: Friend of foe?. <i>World Journal of Gastroenterology</i> , 2011, 17, 557.	1.4	253
93	To resect or not to resect? That is the question. <i>Gut</i> , 2011, 60, 1177-1177.	6.1	0
94	NLRP4 Negatively Regulates Autophagic Processes through an Association with Beclin1. <i>Journal of Immunology</i> , 2011, 186, 1646-1655.	0.4	153
95	Crohn disease: A current perspective on genetics, autophagy and immunity. <i>Autophagy</i> , 2011, 7, 355-374.	4.3	94
96	Antibacterial autophagy occurs at PI(3)P-enriched domains of the endoplasmic reticulum and requires Rab1 GTPase. <i>Autophagy</i> , 2011, 7, 17-26.	4.3	102
97	Immune and nonimmune components orchestrate the pathogenesis of inflammatory bowel disease. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, G716-G722.	1.6	41
98	Viruses, Autophagy Genes, and Crohn's Disease. <i>Viruses</i> , 2011, 3, 1281-1311.	1.5	31
99	Prevalence of genetic variants associated with inflammatory bowel disease in a healthy First Nations cohort. <i>Cmaj</i> , 2012, 184, E435-E441.	0.9	12
100	Autophagy in immunity. <i>Autophagy</i> , 2012, 8, 1286-1299.	4.3	116
101	Genetic Risk Profiling and Gene Signature Modeling to Predict Risk of Complications After IPAA. <i>Diseases of the Colon and Rectum</i> , 2012, 55, 239-248.	0.7	31
102	Intestinal Epithelial Cells with Impaired Autophagy Lose Their Adhesive Capacity in the Presence of TNF- α . <i>Digestive Diseases and Sciences</i> , 2012, 57, 2022-2030.	1.1	18
103	Etiology of Crohn's disease: many roads lead to autophagy. <i>Journal of Molecular Medicine</i> , 2012, 90, 987-996.	1.7	28
104	The LRR and RING Domain Protein LRSAM1 Is an E3 Ligase Crucial for Ubiquitin-Dependent Autophagy of Intracellular Salmonella Typhimurium. <i>Cell Host and Microbe</i> , 2012, 12, 778-790.	5.1	202
105	Autophagy Suppresses Interleukin-1 β (IL-1 β) Signaling by Activation of p62 Degradation via Lysosomal and Proteasomal Pathways. <i>Journal of Biological Chemistry</i> , 2012, 287, 4033-4040.	1.6	82
106	Autophagy: cellular defense to excessive inflammation. <i>Microbes and Infection</i> , 2012, 14, 119-125.	1.0	37
107	Vacuolating Cytotoxin and Variants in Atg16L1 That Disrupt Autophagy Promote Helicobacter pylori Infection in Humans. <i>Gastroenterology</i> , 2012, 142, 1160-1171.	0.6	190
108	Common alleles that influence autophagy and the risk for inflammatory bowel disease. <i>Current Opinion in Immunology</i> , 2012, 24, 522-529.	2.4	27
109	Modulation of inflammation by autophagy: consequences for Crohn's disease. <i>Current Opinion in Pharmacology</i> , 2012, 12, 497-502.	1.7	28

#	ARTICLE	IF	CITATIONS
110	Genetic variants in autophagy-related genes and granuloma formation in a cohort of surgically treated Crohn's disease patients. <i>Journal of Crohn's and Colitis</i> , 2012, 6, 43-50.	0.6	43
111	Microbes, intestinal inflammation and probiotics. <i>Expert Review of Gastroenterology and Hepatology</i> , 2012, 6, 81-94.	1.4	19
112	Inflammatory Bowel Disease: Dysfunction of Autophagy?. <i>Digestive Diseases</i> , 2012, 30, 12-19.	0.8	65
113	Prohibitin 1 Modulates Mitochondrial Stress-Related Autophagy in Human Colonic Epithelial Cells. <i>PLoS ONE</i> , 2012, 7, e31231.	1.1	60
115	The Role of Autophagy in Crohn's Disease. <i>Cells</i> , 2012, 1, 492-519.	1.8	26
116	The Role of the Microbiota in Gastrointestinal Health and Disease. , 2012, , .		1
117	Updates from the Intestinal Front Line: Autophagic Weapons against Inflammation and Cancer. <i>Cells</i> , 2012, 1, 535-557.	1.8	10
118	Functional consequences of mutations in the autophagy genes in the pathogenesis of Crohn's disease. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 778-781.	0.9	15
119	Digesting the genetics of inflammatory bowel disease: Insights from studies of autophagy risk genes. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 782-792.	0.9	38
120	Ubiquitin-like proteins and autophagy at a glance. <i>Journal of Cell Science</i> , 2012, 125, 2343-2348.	1.2	43
121	Autophagy and the Immune System. <i>Annual Review of Immunology</i> , 2012, 30, 611-646.	9.5	282
122	Novel Players in Inflammatory Bowel Disease Pathogenesis. <i>Current Gastroenterology Reports</i> , 2012, 14, 146-152.	1.1	24
123	Barrier dysfunction and bacterial uptake in the follicle-associated epithelium of ileal Crohn's disease. <i>Annals of the New York Academy of Sciences</i> , 2012, 1258, 125-134.	1.8	30
124	Cigarette smoke and the terminal ileum: increased autophagy in murine follicle-associated epithelium and Peyer's patches. <i>Histochemistry and Cell Biology</i> , 2012, 137, 293-301.	0.8	19
125	Update on biologic pathways in inflammatory bowel disease and their therapeutic relevance. <i>Journal of Gastroenterology</i> , 2012, 47, 1-8.	2.3	44
126	Nutrient Modulation of Autophagy. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 205-212.	0.9	6
127	From genetics of inflammatory bowel disease towards mechanistic insights. <i>Trends in Immunology</i> , 2013, 34, 371-378.	2.9	82
128	E. Coli-mediated gut inflammation in genetically predisposed Crohn's disease patients. <i>Pathologie Et Biologie</i> , 2013, 61, e65-e69.	2.2	29

#	ARTICLE	IF	CITATIONS
129	Atg16l1 is Required for Autophagy in Intestinal Epithelial Cells and Protection of Mice From Salmonella Infection. <i>Gastroenterology</i> , 2013, 145, 1347-1357.	0.6	211
130	Modulation of autophagy by <i>Helicobacter pylori</i> and its role in gastric carcinogenesis. <i>Trends in Microbiology</i> , 2013, 21, 602-612.	3.5	86
131	Selective Modulation of Autophagy, Innate Immunity, and Adaptive Immunity by Small Molecules. <i>ACS Chemical Biology</i> , 2013, 8, 2724-2733.	1.6	56
132	Interleukin-1 β in innate inflammation, autophagy and immunity. <i>Seminars in Immunology</i> , 2013, 25, 416-424.	2.7	107
133	Predicting complicated Crohn's disease and surgery: phenotypes, genetics, serology and psychological characteristics of a population-based cohort. <i>Alimentary Pharmacology and Therapeutics</i> , 2013, 38, 274-283.	1.9	62
134	Paneth cells as a site of origin for intestinal inflammation. <i>Nature</i> , 2013, 503, 272-276.	13.7	605
135	ω -6 Polyunsaturated fatty acids extend life span through the activation of autophagy. <i>Genes and Development</i> , 2013, 27, 429-440.	2.7	151
136	The Protein ATG16L1 Suppresses Inflammatory Cytokines Induced by the Intracellular Sensors Nod1 and Nod2 in an Autophagy-Independent Manner. <i>Immunity</i> , 2013, 39, 858-873.	6.6	162
137	Immune-mediated disease genetics: the shared basis of pathogenesis. <i>Trends in Immunology</i> , 2013, 34, 22-26.	2.9	88
138	Autophagy and Crohn's Disease. <i>Journal of Innate Immunity</i> , 2013, 5, 434-443.	1.8	82
139	Autophagy and Viruses: Adversaries or Allies?. <i>Journal of Innate Immunity</i> , 2013, 5, 480-493.	1.8	3,100
140	Molecular Machinery and Genetics of the Autophagy Pathway. , 2013, , 11-30.		1
141	Intestinal Epithelial Autophagy Is Essential for Host Defense against Invasive Bacteria. <i>Cell Host and Microbe</i> , 2013, 13, 723-734.	5.1	263
142	Biology and trafficking of ATG9 and ATG16L1, two proteins that regulate autophagosome formation. <i>FEBS Letters</i> , 2013, 587, 1988-1996.	1.3	77
143	The Interplay between NLRs and Autophagy in Immunity and Inflammation. <i>Frontiers in Immunology</i> , 2013, 4, 361.	2.2	46
144	Autophagy at the crossroads of metabolism and cellular defense. <i>Current Opinion in Gastroenterology</i> , 2013, 29, 588-596.	1.0	10
145	Effects of Enteral Nutrition on Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 1322-1329.	0.9	82
146	The impact of autophagic processes on the intracellular fate of <i>Helicobacter pylori</i> . <i>Autophagy</i> , 2013, 9, 639-652.	4.3	51

#	ARTICLE	IF	CITATIONS
147	Genetic association and functional role of Crohn disease risk alleles involved in microbial sensing, autophagy, and endoplasmic reticulum (ER) stress. <i>Autophagy</i> , 2013, 9, 2046-2055.	4.3	54
148	The Crohn's disease: associated ATG16L1 variant and <i>Salmonella</i> invasion. <i>BMJ Open</i> , 2013, 3, e002790.	0.8	26
149	Hypothesis-free analysis of ATG16L1 demonstrates gene-wide extent of association with Crohn's disease susceptibility: Table 1. <i>Gut</i> , 2013, 62, 331-333.	6.1	8
151	Association Study of 71 European Crohn's Disease Susceptibility Loci in a Japanese Population. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 526-533.	0.9	56
153	Autophagy in the Gastrointestinal Tract. , 2013, , 57-88.		0
154	Genetic and Functional Profiling of Crohn's Disease: Autophagy Mechanism and Susceptibility to Infectious Diseases. <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	10
155	Intestinal barrier in inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2014, 20, 1165.	1.4	309
156	Polymorphisms in Autophagy-Related Genes in Crohn's Disease. , 2014, , 93-110.		1
157	Atg16L1 T300A variant decreases selective autophagy resulting in altered cytokine signaling and decreased antibacterial defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7741-7746.	3.3	298
158	NOD2 is dispensable for ATG16L1 deficiency-mediated resistance to urinary tract infection. <i>Autophagy</i> , 2014, 10, 331-338.	4.3	14
159	The Critical Role of Membrane Cholesterol in Salmonella-Induced Autophagy in Intestinal Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2014, 15, 12558-12572.	1.8	21
160	Mammalian Target of Rapamycin in Inflammatory Skin Conditions. <i>European Journal of Inflammation</i> , 2014, 12, 341-350.	0.2	18
161	HIF1A regulates xenophagic degradation of adherent and invasive <i>Escherichia coli</i> (AIEC). <i>Autophagy</i> , 2014, 10, 2333-2345.	4.3	32
162	Biological pathways involved in the development of inflammatory bowel disease. <i>Wiener Klinische Wochenschrift</i> , 2014, 126, 626-633.	1.0	2
163	Dendritic cells in IBD pathogenesis: an area of therapeutic opportunity?. <i>Journal of Pathology</i> , 2014, 232, 112-120.	2.1	34
164	A distinct pattern of disease-associated single nucleotide polymorphisms in IBD risk genes in a family with Crohn's disease. <i>European Journal of Gastroenterology and Hepatology</i> , 2014, 26, 803-806.	0.8	2
165	Selective autophagy against membranous compartments. <i>Autophagy</i> , 2014, 10, 397-407.	4.3	23
166	Lack of association of the autophagy-related gene polymorphism ATG16L1 rs2241880 in RA predisposition. <i>Rheumatology International</i> , 2014, 34, 477-479.	1.5	8

#	ARTICLE	IF	CITATIONS
167	Advances in IBD genetics. Nature Reviews Gastroenterology and Hepatology, 2014, 11, 372-385.	8.2	114
168	A Crohn's disease variant in Atg16l1 enhances its degradation by caspase 3. Nature, 2014, 506, 456-462.	13.7	314
169	Genetic susceptibility to increased bacterial translocation influences the response to biological therapy in patients with Crohn's disease. Gut, 2014, 63, 272-280.	6.1	62
170	Role of autophagy genetic variants for the risk of Candida infections. Medical Mycology, 2014, 52, 333-341.	0.3	17
171	MIR106B and MIR93 Prevent Removal of Bacteria From Epithelial Cells by Disrupting ATG16L1-Mediated Autophagy. Gastroenterology, 2014, 146, 188-199.	0.6	98
172	Inflammatory bowel disease: Pathogenesis. World Journal of Gastroenterology, 2014, 20, 91.	1.4	951
174	Microbial Disruption of Autophagy Alters Expression of the RISC Component AGO2, a Critical Regulator of the miRNA Silencing Pathway. Inflammatory Bowel Diseases, 2015, 21, 2778-2786.	0.9	17
175	CNTNAP3 Associated ATG16L1 Expression and Crohn's Disease. Mediators of Inflammation, 2015, 2015, 1-8.	1.4	4
176	Impact of T300A Variant of ATG16L1 on Antibacterial Response, Risk of Culture Positive Infections, and Clinical Course of Crohn's Disease. Clinical and Translational Gastroenterology, 2015, 6, e122.	1.3	17
177	Salmonellae interactions with host processes. Nature Reviews Microbiology, 2015, 13, 191-205.	13.6	414
178	Autophagy Protects against Colitis by the Maintenance of Normal Gut Microflora and Secretion of Mucus. Journal of Biological Chemistry, 2015, 290, 20511-20526.	1.6	85
179	ATG16L1: A multifunctional susceptibility factor in Crohn disease. Autophagy, 2015, 11, 585-594.	4.3	100
180	Epithelial Cell Contributions to Intestinal Immunity. Advances in Immunology, 2015, 126, 129-172.	1.1	100
181	Small-molecule enhancers of autophagy modulate cellular disease phenotypes suggested by human genetics. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4281-7.	3.3	56
182	Roles and regulation of the mucus barrier in the gut. Tissue Barriers, 2015, 3, e982426.	1.6	331
183	The phenotypes of ATG9, ATG16 and ATG9/16 knock-out mutants imply autophagy-dependent and -independent functions. Open Biology, 2015, 5, 150008.	1.5	29
184	Autophagy Proteins Promote Repair of Endosomal Membranes Damaged by the Salmonella Type Three Secretion System 1. Cell Host and Microbe, 2015, 18, 527-537.	5.1	116
185	The ATG16L1 T300A allele impairs clearance of pathosymbionts in the inflamed ileal mucosa of Crohn's disease patients. Gut, 2015, 64, 1546-1552.	6.1	77

#	ARTICLE	IF	CITATIONS
186	Making sense of the cause of Crohn's disease – a new look at an old disease. <i>F1000Research</i> , 2016, 5, 2510.	0.8	13
187	In Silico Knockout Studies of Xenophagic Capturing of Salmonella. <i>PLoS Computational Biology</i> , 2016, 12, e1005200.	1.5	24
188	The T300A Crohn's disease risk polymorphism impairs function of the WD40 domain of ATG16L1. <i>Nature Communications</i> , 2016, 7, 11821.	5.8	59
189	Anti-TNF Antibodies and Autophagy: A Hidden Nexus for a Successful Therapeutic Response?. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 237-238.	0.6	0
190	Genetic Mapping of Human Immune System Function. , 2016, , 151-164.		0
191	Autophagy modulators from traditional Chinese medicine: Mechanisms and therapeutic potentials for cancer and neurodegenerative diseases. <i>Journal of Ethnopharmacology</i> , 2016, 194, 861-876.	2.0	68
192	De Novo sphingolipid synthesis is essential for Salmonella-induced autophagy and human beta-defensin 2 expression in intestinal epithelial cells. <i>Gut Pathogens</i> , 2016, 8, 5.	1.6	15
193	The Thr300Ala variant in ATG16L1 is associated with improved survival in human colorectal cancer and enhanced production of type I interferon. <i>Gut</i> , 2016, 65, 456-464.	6.1	71
194	ATG16L1 T300A Polymorphism is Correlated with Gastric Cancer Susceptibility. <i>Pathology and Oncology Research</i> , 2016, 22, 317-322.	0.9	25
196	Crohn's Colitis: Development of a multiplex gene expression assay comparing mRNA levels of susceptibility genes. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2017, 41, 435-444.	0.7	2
197	The protection role of Atg16l1 in CD11c + dendritic cells in murine colitis. <i>Immunobiology</i> , 2017, 222, 831-841.	0.8	24
198	<i>Drosophila</i> Atg16 promotes enteroendocrine cell differentiation via regulation of intestinal Slit/Robo signaling. <i>Development (Cambridge)</i> , 2017, 144, 3990-4001.	1.2	31
199	Crohn's Disease. <i>Gastroenterology Clinics of North America</i> , 2017, 46, 449-461.	1.0	11
200	The influence of vitamin D on M1 and M2 macrophages in patients with Crohn's disease. <i>Innate Immunity</i> , 2017, 23, 557-565.	1.1	43
201	The genetic background of inflammatory bowel disease: from correlation to causality. <i>Journal of Pathology</i> , 2017, 241, 146-158.	2.1	87
202	The role of barrier function, autophagy, and cytokines in maintaining intestinal homeostasis. <i>Seminars in Cell and Developmental Biology</i> , 2017, 61, 51-59.	2.3	45
203	The Role of Sphingolipids on Innate Immunity to Intestinal Salmonella Infection. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1720.	1.8	14
204	Intestinal Autophagy Defends Against Salmonella Infection. , 2017, , 291-302.		0

#	ARTICLE	IF	CITATIONS
205	A Potential Role of Salmonella Infection in the Onset of Inflammatory Bowel Diseases. <i>Frontiers in Immunology</i> , 2017, 8, 191.	2.2	61
206	Differential Expression of microRNAs in Peripheral Blood Mononuclear Cells Identifies Autophagy and TGF-Beta-Related Signatures Aberrantly Expressed in Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2018, 12, 568-581.	0.6	25
207	The <sc>WD</sc> 40 domain of <sc>ATG</sc> 16L1 is required for its non-canonical role in lipidation of <sc>LC</sc> 3 at single membranes. <i>EMBO Journal</i> , 2018, 37, .	3.5	187
208	Genetic host factors in <i>Helicobacter pylori</i> -induced carcinogenesis: Emerging new paradigms. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1869, 42-52.	3.3	61
209	Adherent-invasive <i>Escherichia coli</i> in inflammatory bowel disease. <i>Gut</i> , 2018, 67, 574-587.	6.1	366
210	An ATG16L1-dependent pathway promotes plasma membrane repair and limits <i>Listeria monocytogenes</i> cell-to-cell spread. <i>Nature Microbiology</i> , 2018, 3, 1472-1485.	5.9	57
211	Exploring the Role of Autophagy-Related Gene 5 (ATG5) Yields Important Insights Into Autophagy in Autoimmune/Autoinflammatory Diseases. <i>Frontiers in Immunology</i> , 2018, 9, 2334.	2.2	186
212	Impact of Paneth Cell Autophagy on Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 2018, 9, 693.	2.2	38
213	Gut Microbiota, Early Colonization and Factors in its Development that Influence Health. , 2018, , 1-35.		0
214	Xenophagy: Pathogen-Containing Vacuoles Are Hard to Digest. <i>Current Biology</i> , 2019, 29, R1086-R1088.	1.8	4
215	Deficiency of the autophagy gene ATG16L1 induces insulin resistance through KLHL9/KLHL13/CUL3-mediated IRS1 degradation. <i>Journal of Biological Chemistry</i> , 2019, 294, 16172-16185.	1.6	22
216	The Microbiota and the Immune Response: What Is the Chicken and What Is the Egg?. <i>Gastrointestinal Endoscopy Clinics of North America</i> , 2019, 29, 381-393.	0.6	31
217	Dysregulation of Intestinal Epithelial Cell RIPK Pathways Promotes Chronic Inflammation in the IBD Gut. <i>Frontiers in Immunology</i> , 2019, 10, 1094.	2.2	52
218	Integrative analysis of Paneth cell proteomic and transcriptomic data from intestinal organoids reveals functional processes dependent on autophagy. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	20
219	Induction of autophagy in Cx3cr1+ mononuclear cells limits IL-23/IL-22 axis-mediated intestinal fibrosis. <i>Mucosal Immunology</i> , 2019, 12, 612-623.	2.7	44
220	The Role of ATG16 in Autophagy and The Ubiquitin Proteasome System. <i>Cells</i> , 2019, 8, 2.	1.8	48
221	Interactions Between Autophagy and the Unfolded Protein Response: Implications for Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 661-671.	0.9	19
222	Mechanisms of Disease: Inflammatory Bowel Diseases. <i>Mayo Clinic Proceedings</i> , 2019, 94, 155-165.	1.4	523

#	ARTICLE	IF	CITATIONS
223	Resveratrol-Induced Xenophagy Promotes Intracellular Bacteria Clearance in Intestinal Epithelial Cells and Macrophages. <i>Frontiers in Immunology</i> , 2018, 9, 3149.	2.2	29
224	A non-canonical autophagy-dependent role of the ATG16L1 ^{T300A} variant in urothelial vesicular trafficking and uropathogenic <i>Escherichia coli</i> persistence. <i>Autophagy</i> , 2019, 15, 527-542.	4.3	25
225	The role of obesity in inflammatory bowel disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 63-72.	1.8	34
226	Immunological Diseases of the Gastrointestinal Tract. , 2019, , 1005-1019.e1.		2
227	Azithromycin and metronidazole versus metronidazole-based therapy for the induction of remission in mild to moderate paediatric Crohn's disease : a randomised controlled trial. <i>Gut</i> , 2019, 68, 239-247.	6.1	27
228	Risk of colorectal cancer in inflammatory bowel diseases. <i>Seminars in Cancer Biology</i> , 2020, 64, 51-60.	4.3	146
229	Genetic polymorphisms of <i>ATG16L1</i> and <i>IRGM</i> genes in Malaysian patients with Crohn's disease. <i>Journal of Digestive Diseases</i> , 2020, 21, 29-37.	0.7	10
230	Systematic review: gastrointestinal infection and incident inflammatory bowel disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 51, 1222-1232.	1.9	33
231	MicrobioLink: An Integrated Computational Pipeline to Infer Functional Effects of Microbiome-Host Interactions. <i>Cells</i> , 2020, 9, 1278.	1.8	24
232	Cell Type- and Stimulation-Dependent Transcriptional Programs Regulated by Atg16L1 and Its Crohn's Disease Risk Variant T300A. <i>Journal of Immunology</i> , 2020, 205, 414-424.	0.4	7
233	Carriage of Colibactin-producing Bacteria and Colorectal Cancer Risk. <i>Trends in Microbiology</i> , 2020, 28, 874-876.	3.5	36
234	An Update Review on the Paneth Cell as Key to Ileal Crohn's Disease. <i>Frontiers in Immunology</i> , 2020, 11, 646.	2.2	63
235	ATG16L1 negatively regulates RICK/RIP2-mediated innate immune responses. <i>International Immunology</i> , 2021, 33, 91-105.	1.8	20
236	RIPK2 as a New Therapeutic Target in Inflammatory Bowel Diseases. <i>Frontiers in Pharmacology</i> , 2021, 12, 650403.	1.6	37
237	ATG16L1 functions in cell homeostasis beyond autophagy. <i>FEBS Journal</i> , 2022, 289, 1779-1800.	2.2	13
238	The brain-gut axis, inflammatory bowel disease and bioelectronic medicine. <i>International Immunology</i> , 2021, 33, 349-356.	1.8	6
239	Metabolic Host-Microbiota Interactions in Autophagy and the Pathogenesis of Inflammatory Bowel Disease (IBD). <i>Pharmaceuticals</i> , 2021, 14, 708.	1.7	12
240	Translating Treg Therapy for Inflammatory Bowel Disease in Humanized Mice. <i>Cells</i> , 2021, 10, 1847.	1.8	24

#	ARTICLE	IF	CITATIONS
241	New Insights on the Early Interaction Between Typhoid and Non-typhoid Salmonella Serovars and the Host Cells. <i>Frontiers in Microbiology</i> , 2021, 12, 647044.	1.5	7
242	Differential prevalence of pathobionts and host gene polymorphisms in chronic inflammatory intestinal diseases: Crohn's disease and intestinal tuberculosis. <i>PLoS ONE</i> , 2021, 16, e0256098.	1.1	4
243	Autophagy in the gastrointestinal system and cross talk with microbiota. , 2022, , 321-333.		0
244	Autophagy in Disease. <i>Methods in Molecular Biology</i> , 2010, 648, 79-92.	0.4	21
245	Autophagy in Immunity Against Intracellular Bacteria. <i>Current Topics in Microbiology and Immunology</i> , 2009, 335, 189-215.	0.7	55
246	The Interleukin-1 Family. , 2014, , 3-51.		4
247	Targeting Autophagy with Small-Molecule Modulators in Immune-Related Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1209, 181-203.	0.8	2
248	Concepts in Inflammatory Bowel Disease Management. , 2019, , 1888-1918.		1
250	Oxygen metabolism and barrier regulation in the intestinal mucosa. <i>Journal of Clinical Investigation</i> , 2016, 126, 3680-3688.	3.9	120
251	Bugs, genes, fatty acids, and serotonin: Unraveling inflammatory bowel disease?. <i>F1000Research</i> , 2015, 4, 1146.	0.8	6
252	Making sense of the cause of Crohn's disease – a new look at an old disease. <i>F1000Research</i> , 2016, 5, 2510.	0.8	13
253	Association of ATG16L1 gene haplotype with inflammatory bowel disease in Indians. <i>PLoS ONE</i> , 2017, 12, e0178291.	1.1	9
254	Autophagy and the nutritional signaling pathway. <i>Frontiers of Agricultural Science and Engineering</i> , 2016, 3, 222.	0.9	14
255	Autophagy gene expression profiling identifies a defective microtubule-associated protein light chain 3A mutant in cancer. <i>Oncotarget</i> , 0, 7, 41203-41216.	0.8	23
256	Prognostic Value of Autophagy-related Proteins in Human Gastric Cancer. <i>Cancer Management and Research</i> , 2020, Volume 12, 13527-13540.	0.9	8
257	Gut Inflammation: Current Update on Pathophysiology, Molecular Mechanism and Pharmacological Treatment Modalities. <i>Current Pharmaceutical Design</i> , 2014, 20, 1063-1081.	0.9	45
258	T300A polymorphism of <i>ATG16L1</i> and susceptibility to inflammatory bowel diseases: A meta-analysis. <i>World Journal of Gastroenterology</i> , 2010, 16, 1258.	1.4	24
259	NOD2 and ATG16L1 polymorphisms affect monocyte responses in Crohn's disease. <i>World Journal of Gastroenterology</i> , 2011, 17, 2829-37.	1.4	18

#	ARTICLE	IF	CITATIONS
260	<i>ATG16L1</i> and <i>NOD2</i> polymorphisms enhance phagocytosis in monocytes of Crohn's disease patients. <i>World Journal of Gastroenterology</i> , 2014, 20, 2664.	1.4	28
261	MicroRNAs: New therapeutic targets for intestinal barrier dysfunction. <i>World Journal of Gastroenterology</i> , 2014, 20, 5818.	1.4	31
262	<i>Escherichia coli</i> -host macrophage interactions in the pathogenesis of inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2014, 20, 8751-63.	1.4	23
263	Inflammatory bowel disease in pediatric and adolescent patients: A biomolecular and histopathological review. <i>World Journal of Gastroenterology</i> , 2014, 20, 10262.	1.4	33
264	Vitamin D differentially regulates <i>Salmonella</i>-induced intestine epithelial autophagy and interleukin-1 β expression. <i>World Journal of Gastroenterology</i> , 2016, 22, 10353.	1.4	24
266	Innate immune defence: NOD2 and autophagy in the pathogenesis of Crohn's disease. <i>Swiss Medical Weekly</i> , 2010, 140, w13135.	0.8	9
267	Recent updates on the basic mechanisms and pathogenesis of inflammatory bowel diseases in experimental animal models. <i>Intestinal Research</i> , 2020, 18, 151-167.	1.0	82
268	The autophagy gene <i>Atg16l1</i> differentially regulates Treg and TH2 cells to control intestinal inflammation. <i>ELife</i> , 2016, 5, e12444.	2.8	153
270	Inflammatory Bowel Disease at the Intersection of Autophagy and Immunity: Insights from Human Genetics. , 2013, , 241-264.		1
271	Immunologic diseases of the gastrointestinal tract. , 2013, , 896-909.		0
272	<i>Helicobacter pylori</i> Infection and Autophagy. , 2014, , 211-223.		0
273	Autophagy Restricts Interleukin-1 β Signaling via Regulation of P62 Stability. , 2015, , 223-229.		0
274	Autophagy: A Potential Antibacterial Therapeutic Target. , 2018, , 203-214.		0
276	The labor of intestinal fence in inflammatory bowel disease. <i>MOJ Anatomy & Physiology</i> , 2018, 5, .	0.2	0
277	Inflammatory Bowel Disease at the Intersection of Autophagy and Immunity: Insights from Human Genetics. , 2019, , 305-328.		2
279	Proteasome malfunction activates macroautophagy in the heart. <i>American Journal of Cardiovascular Disease</i> , 2011, 1, 214-26.	0.5	46
281	Genetic Variants Assessing Crohn's Disease Pattern in Pediatric Inflammatory Bowel Disease Patients by a Clinical Exome Survey. <i>Bioinformatics and Biology Insights</i> , 2021, 15, 117793222110552.	1.0	1
282	ATG16L1 WD40 domain-dependent IL10R (interleukin 10 receptor) signaling is insensitive to the T300A Crohn disease risk polymorphism. <i>Autophagy</i> , 2022, , 1-8.	4.3	0

#	ARTICLE	IF	CITATIONS
283	Autophagopathies: from autophagy gene polymorphisms to precision medicine for human diseases. <i>Autophagy</i> , 2022, 18, 2519-2536.	4.3	11
284	A loss-of-function polymorphism in <i>ATG16L1</i> compromises therapeutic outcome in head and neck carcinoma patients. <i>Oncimmunology</i> , 2022, 11, 2059878.	2.1	3
289	Offense and Defense in Granulomatous Inflammation Disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	4
292	Role of short chain fatty acids in gut health and possible therapeutic approaches in inflammatory bowel diseases. <i>World Journal of Clinical Cases</i> , 0, 10, 9985-10003.	0.3	14
293	Essential role for epithelial HIF-mediated xenophagy in control of Salmonella infection and dissemination. <i>Cell Reports</i> , 2022, 40, 111409.	2.9	3
294	Cytosolic galectin-4 enchains bacteria, restricts their motility, and promotes inflammasome activation in intestinal epithelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	3
295	<i>Immunologic Diseases of the Gastrointestinal Tract.</i> , 2023, , 959-971.		0
296	The emerging roles of autophagy in intestinal epithelial cells and its links to inflammatory bowel disease. <i>Biochemical Society Transactions</i> , 2023, 51, 811-826.	1.6	4