

# Keith T Wilson

## List of Publications by Citations

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167  
papers

8,431  
citations

53  
h-index

86  
g-index

177  
ext. papers

9,976  
ext. citations

7.5  
avg, IF

5.95  
L-index

#	Paper	IF	Citations
167	Helicobacter pylori and gastric cancer: factors that modulate disease risk. <i>Clinical Microbiology Reviews</i> , <b>2010</b> , 23, 713-39	34	845
166	Colon-specific delivery of a probiotic-derived soluble protein ameliorates intestinal inflammation in mice through an EGFR-dependent mechanism. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 2242-53	15.9	231
165	Pathology of gastric intestinal metaplasia: clinical implications. <i>American Journal of Gastroenterology</i> , <b>2010</b> , 105, 493-8	0.7	224
164	Nitric oxide in inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , <b>2003</b> , 9, 179-89	4.5	211
163	Immunology of Helicobacter pylori: insights into the failure of the immune response and perspectives on vaccine studies. <i>Gastroenterology</i> , <b>2007</b> , 133, 288-308	13.3	199
162	Role of innate immunity in Helicobacter pylori-induced gastric malignancy. <i>Physiological Reviews</i> , <b>2010</b> , 90, 831-58	47.9	165
161	Human and Helicobacter pylori coevolution shapes the risk of gastric disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 1455-60	11.5	158
160	Distinct methylation patterns of two APC gene promoters in normal and cancerous gastric epithelia. <i>Oncogene</i> , <b>2000</b> , 19, 3642-6	9.2	148
159	Helicobacter pylori induces macrophage apoptosis by activation of arginase II. <i>Journal of Immunology</i> , <b>2002</b> , 168, 4692-700	5.3	144
158	Hepatic TLR4 signaling in obese NAFLD. <i>American Journal of Physiology - Renal Physiology</i> , <b>2015</b> , 309, G270-8	5.1	138
157	Spermine oxidation induced by Helicobacter pylori results in apoptosis and DNA damage: implications for gastric carcinogenesis. <i>Cancer Research</i> , <b>2004</b> , 64, 8521-5	10.1	138
156	Spermine oxidase mediates the gastric cancer risk associated with Helicobacter pylori CagA. <i>Gastroenterology</i> , <b>2011</b> , 141, 1696-708.e1-2	13.3	126
155	Iron deficiency accelerates Helicobacter pylori-induced carcinogenesis in rodents and humans. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 479-92	15.9	126
154	Berberine promotes recovery of colitis and inhibits inflammatory responses in colonic macrophages and epithelial cells in DSS-treated mice. <i>American Journal of Physiology - Renal Physiology</i> , <b>2012</b> , 302, G504-14	5.1	125
153	Induction of polyamine oxidase 1 by Helicobacter pylori causes macrophage apoptosis by hydrogen peroxide release and mitochondrial membrane depolarization. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 40161-73	5.4	122
152	Tumor suppressor function of the plasma glutathione peroxidase gpx3 in colitis-associated carcinoma. <i>Cancer Research</i> , <b>2013</b> , 73, 1245-55	10.1	116
151	Phylogeographic origin of Helicobacter pylori is a determinant of gastric cancer risk. <i>Gut</i> , <b>2011</b> , 60, 1189-95	9.2	110

150	Cutting edge: urease release by <i>Helicobacter pylori</i> stimulates macrophage inducible nitric oxide synthase. <i>Journal of Immunology</i> , <b>2002</b> , 168, 6002-6	5.3	110
149	L-arginine supplementation improves responses to injury and inflammation in dextran sulfate sodium colitis. <i>PLoS ONE</i> , <b>2012</b> , 7, e33546	3.7	109
148	Protective role of arginase in a mouse model of colitis. <i>Journal of Immunology</i> , <b>2004</b> , 173, 2109-17	5.3	104
147	Spermine causes loss of innate immune response to <i>Helicobacter pylori</i> by inhibition of inducible nitric-oxide synthase translation. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 2409-12	5.4	103
146	Hypermethylation of the hMLH1 gene promoter is associated with microsatellite instability in early human gastric neoplasia. <i>Oncogene</i> , <b>2001</b> , 20, 329-35	9.2	101
145	Ornithine decarboxylase regulates M1 macrophage activation and mucosal inflammation via histone modifications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E751-E760	11.5	99
144	<i>Helicobacter pylori</i> targets cancer-associated apical-junctional constituents in gastroids and gastric epithelial cells. <i>Gut</i> , <b>2015</b> , 64, 720-30	19.2	98
143	Narcotic use in patients with Crohn's disease. <i>American Journal of Gastroenterology</i> , <b>2005</b> , 100, 2225-9	0.7	96
142	Different gastric microbiota compositions in two human populations with high and low gastric cancer risk in Colombia. <i>Scientific Reports</i> , <b>2016</b> , 6, 18594	4.9	95
141	Host response to <i>Helicobacter pylori</i> infection before initiation of the adaptive immune response. <i>FEMS Immunology and Medical Microbiology</i> , <b>2007</b> , 51, 577-86		91
140	Dynamics of infection as a determinant of progression of gastric precancerous lesions: 16-year follow-up of an eradication trial. <i>Gut</i> , <b>2018</b> , 67, 1239-1246	19.2	86
139	Berberine induces caspase-independent cell death in colon tumor cells through activation of apoptosis-inducing factor. <i>PLoS ONE</i> , <b>2012</b> , 7, e36418	3.7	86
138	L-arginine availability regulates inducible nitric oxide synthase-dependent host defense against <i>Helicobacter pylori</i> . <i>Infection and Immunity</i> , <b>2007</b> , 75, 4305-15	3.7	85
137	Epidermal growth factor receptor activation protects gastric epithelial cells from <i>Helicobacter pylori</i> -induced apoptosis. <i>Gastroenterology</i> , <b>2009</b> , 136, 1297-1307, e1-3	13.3	83
136	STAT6 activation in ulcerative colitis: a new target for prevention of IL-13-induced colon epithelial cell dysfunction. <i>Inflammatory Bowel Diseases</i> , <b>2011</b> , 17, 2224-34	4.5	78
135	Decreased prevalence of <i>Helicobacter pylori</i> infection in gastroesophageal reflux disease. <i>Helicobacter</i> , <b>1998</b> , 3, 188-94	4.9	77
134	Chronic inflammation and oxidative stress: the smoking gun for <i>Helicobacter pylori</i> -induced gastric cancer?. <i>Gut Microbes</i> , <b>2013</b> , 4, 475-81	8.8	75
133	Modulation of innate cytokine responses by products of <i>Helicobacter pylori</i> . <i>Infection and Immunity</i> , <b>2000</b> , 68, 6265-72	3.7	73

132	Activation of EGFR and ERBB2 by <i>Helicobacter pylori</i> results in survival of gastric epithelial cells with DNA damage. <i>Gastroenterology</i> , <b>2014</b> , 146, 1739-51.e14	13.3	70
131	Mouse strain susceptibility to trypanosome infection: an arginase-dependent effect. <i>Journal of Immunology</i> , <b>2004</b> , 172, 6298-303	5.3	67
130	Alterations in Lipid, Amino Acid, and Energy Metabolism Distinguish Crohn's Disease from Ulcerative Colitis and Control Subjects by Serum Metabolomic Profiling. <i>Metabolomics</i> , <b>2018</b> , 14, 17	4.7	66
129	Dietary selenium deficiency exacerbates DSS-induced epithelial injury and AOM/DSS-induced tumorigenesis. <i>PLoS ONE</i> , <b>2013</b> , 8, e67845	3.7	64
128	The apolipoprotein E-mimetic peptide COG112 inhibits NF-kappaB signaling, proinflammatory cytokine expression, and disease activity in murine models of colitis. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 3839-50	5.4	64
127	Polyamines Impair Immunity to <i>Helicobacter pylori</i> by Inhibiting L-Arginine Uptake Required for Nitric Oxide Production. <i>Gastroenterology</i> , <b>2010</b> , 139, 1686-98, 1698.e1-6	13.3	63
126	Selenoprotein P influences colitis-induced tumorigenesis by mediating stemness and oxidative damage. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 2646-60	15.9	62
125	Arginase II restricts host defense to <i>Helicobacter pylori</i> by attenuating inducible nitric oxide synthase translation in macrophages. <i>Journal of Immunology</i> , <b>2010</b> , 184, 2572-82	5.3	62
124	Peroxisome proliferator-activated receptor $\delta$ promotes colonic inflammation and tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 7084-9	11.5	60
123	Glutathione peroxidase 7 protects against oxidative DNA damage in oesophageal cells. <i>Gut</i> , <b>2012</b> , 61, 1250-60	19.2	60
122	STAT6 deficiency ameliorates severity of oxazolone colitis by decreasing expression of claudin-2 and Th2-inducing cytokines. <i>Journal of Immunology</i> , <b>2013</b> , 190, 1849-58	5.3	59
121	EGFR regulates macrophage activation and function in bacterial infection. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 3296-312	15.9	59
120	Immune evasion by <i>Helicobacter pylori</i> is mediated by induction of macrophage arginase II. <i>Journal of Immunology</i> , <b>2011</b> , 186, 3632-41	5.3	57
119	<i>Helicobacter pylori</i> -induced macrophage apoptosis requires activation of ornithine decarboxylase by c-Myc. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 22492-6	5.4	57
118	Dual role of arginine metabolism in establishing pathogenesis. <i>Current Opinion in Microbiology</i> , <b>2016</b> , 29, 43-8	7.9	56
117	Activation of the epidermal growth factor receptor in macrophages regulates cytokine production and experimental colitis. <i>Journal of Immunology</i> , <b>2014</b> , 192, 1013-23	5.3	55
116	Cyclosporine A enhances leukocyte binding by human intestinal microvascular endothelial cells through inhibition of p38 MAPK and iNOS. Paradoxical proinflammatory effect on the microvascular endothelium. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 35605-15	5.4	55
115	The human intestinal microbiota of constipated-predominant irritable bowel syndrome patients exhibits anti-inflammatory properties. <i>Scientific Reports</i> , <b>2016</b> , 6, 39399	4.9	55

114	Fibrogenesis in pancreatic cancer is a dynamic process regulated by macrophage-stellate cell interaction. <i>Laboratory Investigation</i> , <b>2014</b> , 94, 409-21	5.9	53
113	Helicobacter pylori induces ERK-dependent formation of a phospho-c-Fos c-Jun activator protein-1 complex that causes apoptosis in macrophages. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 20343-57	5.4	53
112	At the Bench: Helicobacter pylori, dysregulated host responses, DNA damage, and gastric cancer. <i>Journal of Leukocyte Biology</i> , <b>2014</b> , 96, 201-12	6.5	52
111	Cutting edge: cyclooxygenase-2 activation suppresses Th1 polarization in response to Helicobacter pylori. <i>Journal of Immunology</i> , <b>2003</b> , 171, 3913-7	5.3	51
110	Heme oxygenase-1 dysregulates macrophage polarization and the immune response to Helicobacter pylori. <i>Journal of Immunology</i> , <b>2014</b> , 193, 3013-22	5.3	50
109	Activated invariant NKT cells control central nervous system autoimmunity in a mechanism that involves myeloid-derived suppressor cells. <i>Journal of Immunology</i> , <b>2013</b> , 190, 1948-60	5.3	50
108	Mucosal Expression of Type 2 and Type 17 Immune Response Genes Distinguishes Ulcerative Colitis From Colon-Only Crohn's Disease in Treatment-Naive Pediatric Patients. <i>Gastroenterology</i> , <b>2017</b> , 152, 1345-1357.e7	13.3	48
107	Epidermal growth factor receptor inhibition downregulates -induced epithelial inflammatory responses, DNA damage and gastric carcinogenesis. <i>Gut</i> , <b>2018</b> , 67, 1247-1260	19.2	47
106	Deficient iNOS in inflammatory bowel disease intestinal microvascular endothelial cells results in increased leukocyte adhesion. <i>Free Radical Biology and Medicine</i> , <b>2000</b> , 29, 881-8	7.8	47
105	Promoter DNA hypermethylation in gastric biopsies from subjects at high and low risk for gastric cancer. <i>International Journal of Cancer</i> , <b>2010</b> , 127, 2588-97	7.5	45
104	The apolipoprotein E-mimetic peptide COG112 inhibits the inflammatory response to Citrobacter rodentium in colonic epithelial cells by preventing NF-kappaB activation. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 16752-61	5.4	45
103	Analysis of Helicobacter pylori cagA promoter elements required for salt-induced upregulation of CagA expression. <i>Infection and Immunity</i> , <b>2012</b> , 80, 3094-106	3.7	44
102	Systems modeling of the role of interleukin-21 in the maintenance of effector CD4+ T cell responses during chronic Helicobacter pylori infection. <i>MBio</i> , <b>2014</b> , 5, e01243-14	7.8	42
101	The Immune Battle against Helicobacter pylori Infection: NO Offense. <i>Trends in Microbiology</i> , <b>2016</b> , 24, 366-376	12.4	39
100	Arginine and polyamines in Helicobacter pylori-induced immune dysregulation and gastric carcinogenesis. <i>Amino Acids</i> , <b>2012</b> , 42, 627-40	3.5	39
99	Serum Fatty Acids Are Correlated with Inflammatory Cytokines in Ulcerative Colitis. <i>PLoS ONE</i> , <b>2016</b> , 11, e0156387	3.7	38
98	High-throughput multi-analyte Luminex profiling implicates eotaxin-1 in ulcerative colitis. <i>PLoS ONE</i> , <b>2013</b> , 8, e82300	3.7	37
97	Low multiplicity of infection of Helicobacter pylori suppresses apoptosis of B lymphocytes. <i>Cancer Research</i> , <b>2006</b> , 66, 6834-42	10.1	37

96	Arginase 2 deletion leads to enhanced M1 macrophage activation and upregulated polyamine metabolism in response to <i>Helicobacter pylori</i> infection. <i>Amino Acids</i> , <b>2016</b> , 48, 2375-88	3-5	37
95	The role of polyamines in the regulation of macrophage polarization and function. <i>Amino Acids</i> , <b>2020</b> , 52, 151-160	3-5	37
94	L-Arginine Availability and Metabolism Is Altered in Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , <b>2016</b> , 22, 1847-58	4-5	36
93	CD8 $\alpha^+$ innate-type lymphocytes in the intestinal epithelium mediate mucosal immunity. <i>Immunity</i> , <b>2014</b> , 41, 451-464	32-3	35
92	IL-33 Signaling Protects from Murine Oxazolone Colitis by Supporting Intestinal Epithelial Function. <i>Inflammatory Bowel Diseases</i> , <b>2015</b> , 21, 2737-46	4-5	35
91	<i>Helicobacter pylori</i> promotes the expression of Kr $\mu$ pel-like factor 5, a mediator of carcinogenesis, in vitro and in vivo. <i>PLoS ONE</i> , <b>2013</b> , 8, e54344	3-7	35
90	Increased expression and cellular localization of spermine oxidase in ulcerative colitis and relationship to disease activity. <i>Inflammatory Bowel Diseases</i> , <b>2010</b> , 16, 1557-66	4-5	35
89	Polyamine- and NADPH-dependent generation of ROS during <i>Helicobacter pylori</i> infection: A blessing in disguise. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 105, 16-27	7-8	34
88	Non-invasive genotyping of <i>Helicobacter pylori</i> cagA, vacA, and hopQ from asymptomatic children. <i>Helicobacter</i> , <b>2012</b> , 17, 96-106	4-9	33
87	Succinate Produced by Intestinal Microbes Promotes Specification of Tuft Cells to Suppress Ileal Inflammation. <i>Gastroenterology</i> , <b>2020</b> , 159, 2101-2115.e5	13-3	33
86	MTGR1 is required for tumorigenesis in the murine AOM/DSS colitis-associated carcinoma model. <i>Cancer Research</i> , <b>2011</b> , 71, 1302-12	10-1	31
85	Ornithine Decarboxylase in Macrophages Exacerbates Colitis and Promotes Colitis-Associated Colon Carcinogenesis by Impairing M1 Immune Responses. <i>Cancer Research</i> , <b>2018</b> , 78, 4303-4315	10-1	31
84	BVES regulates c-Myc stability via PP2A and suppresses colitis-induced tumourigenesis. <i>Gut</i> , <b>2017</b> , 66, 852-862	19-2	30
83	Interleukin-10 gene transfer inhibits murine mammary tumors and elevates nitric oxide. <i>International Journal of Cancer</i> , <b>1998</b> , 76, 713-9	7-5	30
82	Supplementation of p40, a <i>Lactobacillus rhamnosus</i> GG-derived protein, in early life promotes epidermal growth factor receptor-dependent intestinal development and long-term health outcomes. <i>Mucosal Immunology</i> , <b>2018</b> , 11, 1316-1328	9-2	29
81	Strain-specific suppression of microRNA-320 by carcinogenic <i>Helicobacter pylori</i> promotes expression of the antiapoptotic protein Mcl-1. <i>American Journal of Physiology - Renal Physiology</i> , <b>2013</b> , 305, G786-96	5-1	29
80	iNOS expression in human intestinal microvascular endothelial cells inhibits leukocyte adhesion. <i>American Journal of Physiology - Renal Physiology</i> , <b>1998</b> , 275, G592-603	5-1	29
79	Dietary Arginine Regulates Severity of Experimental Colitis and Affects the Colonic Microbiome. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2019</b> , 9, 66	5-9	28

78	Spermine oxidase, a polyamine catabolic enzyme that links <i>Helicobacter pylori</i> CagA and gastric cancer risk. <i>Gut Microbes</i> , <b>2012</b> , 3, 48-56	8.8	28
77	Increased serum levels of L-arginine in ulcerative colitis and correlation with disease severity. <i>Inflammatory Bowel Diseases</i> , <b>2010</b> , 16, 105-11	4.5	28
76	Epithelial Smad4 Deletion Up-Regulates Inflammation and Promotes Inflammation-Associated Cancer. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2018</b> , 6, 257-276	7.9	27
75	Difluoromethylornithine is a novel inhibitor of <i>Helicobacter pylori</i> growth, CagA translocation, and interleukin-8 induction. <i>PLoS ONE</i> , <b>2011</b> , 6, e17510	3.7	26
74	Nod1 Imprints Inflammatory and Carcinogenic Responses toward the Gastric Pathogen. <i>Cancer Research</i> , <b>2019</b> , 79, 1600-1611	10.1	25
73	Induction of COX-2 expression by <i>Helicobacter pylori</i> is mediated by activation of epidermal growth factor receptor in gastric epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , <b>2013</b> , 305, G196-203	5.1	25
72	Serum Polyunsaturated Fatty Acids Correlate with Serum Cytokines and Clinical Disease Activity in Crohn's Disease. <i>Scientific Reports</i> , <b>2019</b> , 9, 2882	4.9	24
71	Human and <i>Helicobacter pylori</i> Interactions Determine the Outcome of Gastric Diseases. <i>Current Topics in Microbiology and Immunology</i> , <b>2017</b> , 400, 27-52	3.3	23
70	Virulence of infecting <i>Helicobacter pylori</i> strains and intensity of mononuclear cell infiltration are associated with levels of DNA hypermethylation in gastric mucosae. <i>Epigenetics</i> , <b>2013</b> , 8, 1153-61	5.7	23
69	Disruption of nitric oxide signaling by <i>Helicobacter pylori</i> results in enhanced inflammation by inhibition of heme oxygenase-1. <i>Journal of Immunology</i> , <b>2011</b> , 187, 5370-9	5.3	23
68	L-arginine uptake by cationic amino acid transporter 2 is essential for colonic epithelial cell restitution. <i>American Journal of Physiology - Renal Physiology</i> , <b>2012</b> , 302, G1061-73	5.1	22
67	Loss of solute carrier family 7 member 2 exacerbates inflammation-associated colon tumorigenesis. <i>Oncogene</i> , <b>2019</b> , 38, 1067-1079	9.2	22
66	<i>Helicobacter</i> : Inflammation, immunology, and vaccines. <i>Helicobacter</i> , <b>2018</b> , 23 Suppl 1, e12517	4.9	22
65	DNA Methylation Predicts Progression of Human Gastric Lesions. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2015</b> , 24, 1607-13	4	21
64	Haem oxygenase-1 inhibits phosphorylation of the <i>Helicobacter pylori</i> oncoprotein CagA in gastric epithelial cells. <i>Cellular Microbiology</i> , <b>2013</b> , 15, 145-56	3.9	21
63	KSR1 protects from interleukin-10 deficiency-induced colitis in mice by suppressing T-lymphocyte interferon- $\gamma$ production. <i>Gastroenterology</i> , <b>2011</b> , 140, 265-74	13.3	21
62	TLR9 activation suppresses inflammation in response to <i>Helicobacter pylori</i> infection. <i>American Journal of Physiology - Renal Physiology</i> , <b>2016</b> , 311, G852-G858	5.1	20
61	Spermine oxidase is a regulator of macrophage host response to <i>Helicobacter pylori</i> : enhancement of antimicrobial nitric oxide generation by depletion of spermine. <i>Amino Acids</i> , <b>2014</b> , 46, 531-42	3.5	20



60	Outcomes following infliximab therapy for pediatric patients hospitalized with refractory colitis-predominant IBD. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2014</b> , 58, 213-9	2.8	19
59	MTG16 contributes to colonic epithelial integrity in experimental colitis. <i>Gut</i> , <b>2013</b> , 62, 1446-55	19.2	19
58	Mechanism of down-regulation of RNA polymerase III-transcribed non-coding RNA genes in macrophages by Leishmania. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 6614-26	5.4	19
57	Resolution of Gastric Cancer-Promoting Inflammation: A Novel Strategy for Anti-cancer Therapy. <i>Current Topics in Microbiology and Immunology</i> , <b>2019</b> , 421, 319-359	3.3	18
56	Regulation of the Helicobacter pylori cellular receptor decay-accelerating factor. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 23922-30	5.4	18
55	Spermine oxidase mediates Helicobacter pylori-induced gastric inflammation, DNA damage, and carcinogenic signaling. <i>Oncogene</i> , <b>2020</b> , 39, 4465-4474	9.2	17
54	Distinct Immunomodulatory Effects of Spermine Oxidase in Colitis Induced by Epithelial Injury or Infection. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1242	8.4	17
53	Phylogeographic origin of Helicobacter pylori determines host-adaptive responses upon coculture with gastric epithelial cells. <i>Infection and Immunity</i> , <b>2013</b> , 81, 2468-77	3.7	17
52	Bacterial CagA protein compromises tumor suppressor mechanisms in gastric epithelial cells. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 2422-2434	15.9	17
51	Deletion of cationic amino acid transporter 2 exacerbates dextran sulfate sodium colitis and leads to an IL-17-predominant T cell response. <i>American Journal of Physiology - Renal Physiology</i> , <b>2013</b> , 305, G225-40	5.1	16
50	Cationic amino acid transporter 2 enhances innate immunity during Helicobacter pylori infection. <i>PLoS ONE</i> , <b>2011</b> , 6, e29046	3.7	16
49	Matrix metalloproteinase-7 and premalignant host responses in Helicobacter pylori-infected mice. <i>Cancer Research</i> , <b>2010</b> , 70, 30-5	10.1	16
48	Edifluoromethylornithine reduces gastric carcinogenesis by causing mutations in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 5077-5085	11.5	15
47	Transcriptional corepressor MTG16 regulates small intestinal crypt proliferation and crypt regeneration after radiation-induced injury. <i>American Journal of Physiology - Renal Physiology</i> , <b>2015</b> , 308, G562-71	5.1	15
46	Pan-genomic analyses identify key pathogenic loci modified by carcinogenic host microenvironments. <i>Gut</i> , <b>2018</b> , 67, 1793-1804	19.2	15
45	The homing receptor CD44 is involved in the progression of precancerous gastric lesions in patients infected with Helicobacter pylori and in development of mucous metaplasia in mice. <i>Cancer Letters</i> , <b>2016</b> , 371, 90-8	9.9	15
44	Kaiso directs the transcriptional corepressor MTG16 to the Kaiso binding site in target promoters. <i>PLoS ONE</i> , <b>2012</b> , 7, e51205	3.7	15
43	Genetic Manipulation of Virulence Function by Host Carcinogenic Phenotypes. <i>Cancer Research</i> , <b>2017</b> , 77, 2401-2412	10.1	14



42	Helicobacter pylori infection: pathogenesis. <i>Current Opinion in Gastroenterology</i> , <b>2003</b> , 19, 4-10	3	14
41	Intestinal epithelial cells modulate CD4 T cell responses via the thymus leukemia antigen. <i>Journal of Immunology</i> , <b>2011</b> , 187, 4051-60	5.3	12
40	The L-Arginine Transporter Solute Carrier Family 7 Member 2 Mediates the Immunopathogenesis of Attaching and Effacing Bacteria. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005984	7.6	12
39	Hypusination Orchestrates the Antimicrobial Response of Macrophages. <i>Cell Reports</i> , <b>2020</b> , 33, 108510	10.6	11
38	The Colombian Chemoprevention Trial: 20-Year Follow-Up of a Cohort of Patients With Gastric Precancerous Lesions. <i>Gastroenterology</i> , <b>2021</b> , 160, 1106-1117.e3	13.3	11
37	Increased expression of deleted in malignant brain tumors (DMBT1) gene in precancerous gastric lesions: Findings from human and animal studies. <i>Oncotarget</i> , <b>2017</b> , 8, 47076-47089	3.3	10
36	Helicobacter pylori Antimicrobial Resistance and Gene Variants in High- and Low-Gastric-Cancer-Risk Populations. <i>Journal of Clinical Microbiology</i> , <b>2021</b> , 59,	9.7	10
35	Carcinogenic Strains Selectively Dysregulate the Gastric Proteome, Which May Be Associated with Stomach Cancer Progression. <i>Molecular and Cellular Proteomics</i> , <b>2019</b> , 18, 352-371	7.6	10
34	BVES is required for maintenance of colonic epithelial integrity in experimental colitis by modifying intestinal permeability. <i>Mucosal Immunology</i> , <b>2018</b> , 11, 1363-1374	9.2	9
33	Colonic Epithelial-Derived Selenoprotein P Is the Source for Antioxidant-Mediated Protection in Colitis-Associated Cancer. <i>Gastroenterology</i> , <b>2021</b> , 160, 1694-1708.e3	13.3	9
32	Bacterial Pathogens Hijack the Innate Immune Response by Activation of the Reverse Transsulfuration Pathway. <i>MBio</i> , <b>2019</b> , 10,	7.8	9
31	Epigenetic and genetic variation in GATA5 is associated with gastric disease risk. <i>Human Genetics</i> , <b>2016</b> , 135, 895-906	6.3	8
30	Draft Genome Sequence of Gerbil-Adapted Carcinogenic Helicobacter pylori Strain 7.13. <i>Genome Announcements</i> , <b>2015</b> , 3,		8
29	Selective inhibition of mTORC1 in tumor vessels increases antitumor immunity. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	8
28	Helicobacter pylori antimicrobial resistance and antibiotic consumption in the low-resource Central America setting. <i>Helicobacter</i> , <b>2019</b> , 24, e12595	4.9	7
27	HLA-Restriction of Human Treg Cells Is Not Required for Therapeutic Efficacy of Low-Dose IL-2 in Humanized Mice. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 630204	8.4	7
26	Kaiso is required for MTG16-dependent effects on colitis-associated carcinoma. <i>Oncogene</i> , <b>2019</b> , 38, 5091-5106	9.2	6
25	An interspecies translation model implicates integrin signaling in infliximab-resistant inflammatory bowel disease. <i>Science Signaling</i> , <b>2020</b> , 13,	8.8	6

24	Draft Genome Sequences of Helicobacter pylori Strains Isolated from Regions of Low and High Gastric Cancer Risk in Colombia. <i>Genome Announcements</i> , <b>2013</b> , 1,		5
23	Protective Role of Spermidine in Colitis and Colon Carcinogenesis. <i>Gastroenterology</i> , <b>2021</b> ,	13.3	5
22	The role of polyamines in gastric cancer. <i>Oncogene</i> , <b>2021</b> , 40, 4399-4412	9.2	5
21	Inhibition of colitis by the arginase-ODC pathway. <i>Gastroenterology</i> , <b>2003</b> , 124, A473	13.3	4
20	Methods to evaluate alterations in polyamine metabolism caused by Helicobacter pylori infection. <i>Methods in Molecular Biology</i> , <b>2011</b> , 720, 409-25	1.4	4
19	Dicarbonyl Electrophiles Mediate Inflammation-Induced Gastrointestinal Carcinogenesis. <i>Gastroenterology</i> , <b>2021</b> , 160, 1256-1268.e9	13.3	4
18	CCL11 exacerbates colitis and inflammation-associated colon tumorigenesis. <i>Oncogene</i> , <b>2021</b> , 40, 6540-6546	9.4	3
17	Pathogenesis of Helicobacter pylori infection. <i>Current Opinion in Gastroenterology</i> , <b>1999</b> , 15, 66-71	3	3
16	Functional Properties of Helicobacter pylori VacA Toxin m1 and m2 Variants. <i>Infection and Immunity</i> , <b>2020</b> , 88,	3.7	3
15	A cross-platform informatics system for the Gut Cell Atlas: integrating clinical, anatomical and histological data. <i>Proceedings of SPIE</i> , <b>2021</b> , 11601,	1.7	3
14	Curcumin Oxidation Is Required for Inhibition of Growth, Translocation and Phosphorylation of Cag A.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 765842	5.9	3
13	MTG16 is a tumor suppressor in colitis-associated carcinoma. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	2
12	Treatment of gastrointestinal infections. <i>Current Opinion in Gastroenterology</i> , <b>2000</b> , 16, 51-5	3	2
11	Induction and Regulation of the Innate Immune response in Helicobacter pylori Infection.. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2022</b> ,	7.9	2
10	Granzyme B prevents aberrant IL-17 production and intestinal pathogenicity in CD4 T cells. <i>Mucosal Immunology</i> , <b>2021</b> , 14, 1088-1099	9.2	2
9	Draft Genome Sequences of 13 Colombian Strains Isolated from Pacific Coast and Andean Residents. <i>Genome Announcements</i> , <b>2017</b> , 5,		1
8	Geospatial analyses identify regional hot spots of diffuse gastric cancer in rural Central America. <i>BMC Cancer</i> , <b>2019</b> , 19, 545	4.8	1
7	Gastric Non-Helicobacter pylori Urease-Positive Staphylococcus epidermidis and Streptococcus salivarius Isolated from Humans Have Contrasting Effects on H. pylori-Associated Gastric Pathology and Host Immune Responses in a Murine Model of Gastric Cancer.. <i>MSphere</i> , <b>2022</b> , e0077221	5	1

6	Ornithine Decarboxylase (ODC1) gene variant (rs2302615) is associated with gastric cancer independently of Helicobacter pylori CagA serostatus		1
5	Ornithine decarboxylase (ODC1) gene variant (rs2302615) is associated with gastric cancer independently of Helicobacter pylori CagA serostatus. <i>Oncogene</i> , <b>2021</b> , 40, 5963-5969	9.2	1
4	Contrasting serum biomarker profiles in two Colombian populations with different risks for progression of premalignant gastric lesions during chronic Helicobacter pylori infection. <i>Cancer Epidemiology</i> , <b>2020</b> , 67, 101726	2.8	
3	Effect of CO on Peroxynitrite-Mediated Bacteria Killing: Response to Tsikas et al. <i>Trends in Microbiology</i> , <b>2017</b> , 25, 602-603	12.4	
2	Implication of Polyamines in Apoptosis of Immunoresponse Cells <b>2006</b> , 293-312		
1	Random Multi-Channel Image Synthesis for Multiplexed Immunofluorescence Imaging.. <i>Proceedings of Machine Learning Research</i> , <b>2021</b> , 156, 36-46	0.4	