Keith T Wilson

List of Publications by Year in Descending Order

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	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.. *MSphere*, **2022**, e0077221	5	1
166	Induction and Regulation of the Innate Immune response in Helicobacter pylori Infection.. *Cellular and Molecular Gastroenterology and Hepatology*, **2022**,	7.9	2
165	Protective Role of Spermidine in Colitis and Colon Carcinogenesis. *Gastroenterology*, **2021**,	13.3	5
164	CCL11 exacerbates colitis and inflammation-associated colon tumorigenesis. *Oncogene*, **2021**, 40, 6540-6546	9.2	3
163	Helicobacter pylori Antimicrobial Resistance and Gene Variants in High- and Low-Gastric-Cancer-Risk Populations. *Journal of Clinical Microbiology*, **2021**, 59,	9.7	10
162	Colonic Epithelial-Derived Selenoprotein P Is the Source for Antioxidant-Mediated Protection in Colitis-Associated Cancer. *Gastroenterology*, **2021**, 160, 1694-1708.e3	13.3	9
161	The role of polyamines in gastric cancer. *Oncogene*, **2021**, 40, 4399-4412	9.2	5
160	Granzyme B prevents aberrant IL-17 production and intestinal pathogenicity in CD4 T cells. *Mucosal Immunology*, **2021**, 14, 1088-1099	9.2	2
159	Dicarbonyl Electrophiles Mediate Inflammation-Induced Gastrointestinal Carcinogenesis. *Gastroenterology*, **2021**, 160, 1256-1268.e9	13.3	4
158	The Colombian Chemoprevention Trial: 20-Year Follow-Up of a Cohort of Patients With Gastric Precancerous Lesions. *Gastroenterology*, **2021**, 160, 1106-1117.e3	13.3	11
157	A cross-platform informatics system for the Gut Cell Atlas: integrating clinical, anatomical and histological data. *Proceedings of SPIE*, **2021**, 11601,	1.7	3
156	HLA-Restriction of Human Treg Cells Is Not Required for Therapeutic Efficacy of Low-Dose IL-2 in Humanized Mice. *Frontiers in Immunology*, **2021**, 12, 630204	8.4	7
155	Ornithine decarboxylase (ODC1) gene variant (rs2302615) is associated with gastric cancer independently of Helicobacter pylori CagA serostatus. *Oncogene*, **2021**, 40, 5963-5969	9.2	1
154	Curcumin Oxidation Is Required for Inhibition of Growth, Translocation and Phosphorylation of Cag A.. *Frontiers in Cellular and Infection Microbiology*, **2021**, 11, 765842	5.9	3
153	Random Multi-Channel Image Synthesis for Multiplexed Immunofluorescence Imaging.. *Proceedings of Machine Learning Research*, **2021**, 156, 36-46	0.4	
152	Hypusination Orchestrates the Antimicrobial Response of Macrophages. *Cell Reports*, **2020**, 33, 108510	10.6	11
151	Spermine oxidase mediates Helicobacter pylori-induced gastric inflammation, DNA damage, and carcinogenic signaling. *Oncogene*, **2020**, 39, 4465-4474	9.2	17

150	Contrasting serum biomarker profiles in two Colombian populations with different risks for progression of premalignant gastric lesions during chronic Helicobacter pylori infection. *Cancer Epidemiology*, **2020**, 67, 101726	2.8	
149	Selective inhibition of mTORC1 in tumor vessels increases antitumor immunity. *JCI Insight*, **2020**, 5,	9.9	8
148	Bacterial CagA protein compromises tumor suppressor mechanisms in gastric epithelial cells. *Journal of Clinical Investigation*, **2020**, 130, 2422-2434	15.9	17
147	Succinate Produced by Intestinal Microbes Promotes Specification of Tuft Cells to Suppress Ileal Inflammation. *Gastroenterology*, **2020**, 159, 2101-2115.e5	13.3	33
146	An interspecies translation model implicates integrin signaling in infliximab-resistant inflammatory bowel disease. *Science Signaling*, **2020**, 13,	8.8	6
145	The role of polyamines in the regulation of macrophage polarization and function. *Amino Acids*, **2020**, 52, 151-160	3.5	37
144	Functional Properties of Helicobacter pylori VacA Toxin m1 and m2 Variants. *Infection and Immunity* , **2020**, 88,	3.7	3
143	Nod1 Imprints Inflammatory and Carcinogenic Responses toward the Gastric Pathogen. *Cancer Research*, **2019**, 79, 1600-1611	10.1	25
142	Geospatial analyses identify regional hot spots of diffuse gastric cancer in rural Central America. *BMC Cancer*, **2019**, 19, 545	4.8	1
141	Resolution of Gastric Cancer-Promoting Inflammation: A Novel Strategy for Anti-cancer Therapy. *Current Topics in Microbiology and Immunology*, **2019**, 421, 319-359	3.3	18
140	Helicobacter pylori antimicrobial resistance and antibiotic consumption in the low-resource Central America setting. *Helicobacter*, **2019**, 24, e12595	4.9	7
139	Kaiso is required for MTG16-dependent effects on colitis-associated carcinoma. *Oncogene*, **2019**, 38, 5091-5106	9.2	6
138	Dietary Arginine Regulates Severity of Experimental Colitis and Affects the Colonic Microbiome. *Frontiers in Cellular and Infection Microbiology*, **2019**, 9, 66	5.9	28
137	Difluoromethylornithine reduces gastric carcinogenesis by causing mutations in. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 5077-5085	11.5	15
136	Serum Polyunsaturated Fatty Acids Correlate with Serum Cytokines and Clinical Disease Activity in Crohn's Disease. *Scientific Reports*, **2019**, 9, 2882	4.9	24
135	Bacterial Pathogens Hijack the Innate Immune Response by Activation of the Reverse Transsulfuration Pathway. *MBio*, **2019**, 10,	7.8	9
134	Loss of solute carrier family 7 member 2 exacerbates inflammation-associated colon tumorigenesis. *Oncogene*, **2019**, 38, 1067-1079	9.2	22
133	Carcinogenic Strains Selectively Dysregulate the Gastric Proteome, Which May Be Associated with Stomach Cancer Progression. *Molecular and Cellular Proteomics*, **2019**, 18, 352-371	7.6	10

132	Alterations in Lipid, Amino Acid, and Energy Metabolism Distinguish Crohn's Disease from Ulcerative Colitis and Control Subjects by Serum Metabolomic Profiling. *Metabolomics*, **2018**, 14, 17	4.7	66
131	Epidermal growth factor receptor inhibition downregulates -induced epithelial inflammatory responses, DNA damage and gastric carcinogenesis. *Gut*, **2018**, 67, 1247-1260	19.2	47
130	Dynamics of infection as a determinant of progression of gastric precancerous lesions: 16-year follow-up of an eradication trial. *Gut*, **2018**, 67, 1239-1246	19.2	86
129	Pan-genomic analyses identify key pathogenic loci modified by carcinogenic host microenvironments. *Gut*, **2018**, 67, 1793-1804	19.2	15
128	Distinct Immunomodulatory Effects of Spermine Oxidase in Colitis Induced by Epithelial Injury or Infection. *Frontiers in Immunology*, **2018**, 9, 1242	8.4	17
127	Supplementation of p40, a Lactobacillus rhamnosus GG-derived protein, in early life promotes epidermal growth factor receptor-dependent intestinal development and long-term health outcomes. *Mucosal Immunology*, **2018**, 11, 1316-1328	9.2	29
126	BVES is required for maintenance of colonic epithelial integrity in experimental colitis by modifying intestinal permeability. *Mucosal Immunology*, **2018**, 11, 1363-1374	9.2	9
125	Helicobacter: Inflammation, immunology, and vaccines. *Helicobacter*, **2018**, 23 Suppl 1, e12517	4.9	22
124	Ornithine Decarboxylase in Macrophages Exacerbates Colitis and Promotes Colitis-Associated Colon Carcinogenesis by Impairing M1 Immune Responses. *Cancer Research*, **2018**, 78, 4303-4315	10.1	31
123	Epithelial Smad4 Deletion Up-Regulates Inflammation and Promotes Inflammation-Associated Cancer. *Cellular and Molecular Gastroenterology and Hepatology*, **2018**, 6, 257-276	7.9	27
122	BVES regulates c-Myc stability via PP2A and suppresses colitis-induced tumourigenesis. *Gut*, **2017**, 66, 852-862	19.2	30
121	Ornithine decarboxylase regulates M1 macrophage activation and mucosal inflammation via histone modifications. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E751-E760	11.5	99
120	Human and Helicobacter pylori Interactions Determine the Outcome of Gastric Diseases. *Current Topics in Microbiology and Immunology*, **2017**, 400, 27-52	3.3	23
119	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. *Gastroenterology*, **2017**, 152, 1345-1357.e7	13.3	48
118	Genetic Manipulation of Virulence Function by Host Carcinogenic Phenotypes. *Cancer Research*, **2017**, 77, 2401-2412	10.1	14
117	Draft Genome Sequences of 13 Colombian Strains Isolated from Pacific Coast and Andean Residents. *Genome Announcements*, **2017**, 5,		1
116	Effect of CO on Peroxynitrite-Mediated Bacteria Killing: Response to Tsikas et al. *Trends in Microbiology*, **2017**, 25, 602-603	12.4	
115	Polyamine- and NADPH-dependent generation of ROS during Helicobacter pylori infection: A blessing in disguise. *Free Radical Biology and Medicine*, **2017**, 105, 16-27	7.8	34

114	MTG16 is a tumor suppressor in colitis-associated carcinoma. *JCI Insight*, **2017**, 2,	9.9	2
113	Increased expression of deleted in malignant brain tumors (DMBT1) gene in precancerous gastric lesions: Findings from human and animal studies. *Oncotarget*, **2017**, 8, 47076-47089	3.3	10
112	TLR9 activation suppresses inflammation in response to Helicobacter pylori infection. *American Journal of Physiology - Renal Physiology*, **2016**, 311, G852-G858	5.1	20
111	Epigenetic and genetic variation in GATA5 is associated with gastric disease risk. *Human Genetics*, **2016**, 135, 895-906	6.3	8
110	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. *Cancer Letters*, **2016**, 371, 90-8	9.9	15
109	The Immune Battle against Helicobacter pylori Infection: NO Offense. *Trends in Microbiology*, **2016**, 24, 366-376	12.4	39
108	Dual role of arginine metabolism in establishing pathogenesis. *Current Opinion in Microbiology*, **2016**, 29, 43-8	7.9	56
107	EGFR regulates macrophage activation and function in bacterial infection. *Journal of Clinical Investigation*, **2016**, 126, 3296-312	15.9	59
106	Serum Fatty Acids Are Correlated with Inflammatory Cytokines in Ulcerative Colitis. *PLoS ONE*, **2016** , 11, e0156387	3.7	38
105	The L-Arginine Transporter Solute Carrier Family 7 Member 2 Mediates the Immunopathogenesis of Attaching and Effacing Bacteria. *PLoS Pathogens*, **2016**, 12, e1005984	7.6	12
104	L-Arginine Availability and Metabolism Is Altered in Ulcerative Colitis. *Inflammatory Bowel Diseases*, **2016**, 22, 1847-58	4.5	36
103	The human intestinal microbiota of constipated-predominant irritable bowel syndrome patients exhibits anti-inflammatory properties. *Scientific Reports*, **2016**, 6, 39399	4.9	55
102	Different gastric microbiota compositions in two human populations with high and low gastric cancer risk in Colombia. *Scientific Reports*, **2016**, 6, 18594	4.9	95
101	Arginase 2 deletion leads to enhanced M1 macrophage activation and upregulated polyamine metabolism in response to Helicobacter pylori infection. *Amino Acids*, **2016**, 48, 2375-88	3.5	37
100	Transcriptional corepressor MTG16 regulates small intestinal crypt proliferation and crypt regeneration after radiation-induced injury. *American Journal of Physiology - Renal Physiology*, **2015**, 308, G562-71	5.1	15
99	DNA Methylation Predicts Progression of Human Gastric Lesions. *Cancer Epidemiology Biomarkers and Prevention*, **2015**, 24, 1607-13	4	21
98	Hepatic TLR4 signaling in obese NAFLD. *American Journal of Physiology - Renal Physiology*, **2015**, 309, G270-8	5.1	138
97	Helicobacter pylori targets cancer-associated apical-junctional constituents in gastroids and gastric epithelial cells. *Gut*, **2015**, 64, 720-30	19.2	98

96	IL-33 Signaling Protects from Murine Oxazolone Colitis by Supporting Intestinal Epithelial Function. *Inflammatory Bowel Diseases*, **2015**, 21, 2737-46	4.5	35
95	Selenoprotein P influences colitis-induced tumorigenesis by mediating stemness and oxidative damage. *Journal of Clinical Investigation*, **2015**, 125, 2646-60	15.9	62
94	Draft Genome Sequence of Gerbil-Adapted Carcinogenic Helicobacter pylori Strain 7.13. *Genome Announcements*, **2015**, 3,		8
93	Activation of the epidermal growth factor receptor in macrophages regulates cytokine production and experimental colitis. *Journal of Immunology*, **2014**, 192, 1013-23	5.3	55
92	At the Bench: Helicobacter pylori, dysregulated host responses, DNA damage, and gastric cancer. *Journal of Leukocyte Biology*, **2014**, 96, 201-12	6.5	52
91	Human and Helicobacter pylori coevolution shapes the risk of gastric disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 1455-60	11.5	158
90	Peroxisome proliferator-activated receptor promotes colonic inflammation and tumor growth. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 7084-9	11.5	60
89	CD8 innate-type lymphocytes in the intestinal epithelium mediate mucosal immunity. *Immunity*, **2014**, 41, 451-464	32.3	35
88	Fibrogenesis in pancreatic cancer is a dynamic process regulated by macrophage-stellate cell interaction. *Laboratory Investigation*, **2014**, 94, 409-21	5.9	53
87	Heme oxygenase-1 dysregulates macrophage polarization and the immune response to Helicobacter pylori. *Journal of Immunology*, **2014**, 193, 3013-22	5.3	50
86	Activation of EGFR and ERBB2 by Helicobacter pylori results in survival of gastric epithelial cells with DNA damage. *Gastroenterology*, **2014**, 146, 1739-51.e14	13.3	70
85	Systems modeling of the role of interleukin-21 in the maintenance of effector CD4+ T cell responses during chronic Helicobacter pylori infection. *MBio*, **2014**, 5, e01243-14	7.8	42
84	Outcomes following infliximab therapy for pediatric patients hospitalized with refractory colitis-predominant IBD. *Journal of Pediatric Gastroenterology and Nutrition*, **2014**, 58, 213-9	2.8	19
83	Spermine oxidase is a regulator of macrophage host response to Helicobacter pylori: enhancement of antimicrobial nitric oxide generation by depletion of spermine. *Amino Acids*, **2014**, 46, 531-42	3.5	20
82	STAT6 deficiency ameliorates severity of oxazolone colitis by decreasing expression of claudin-2 and Th2-inducing cytokines. *Journal of Immunology*, **2013**, 190, 1849-58	5.3	59
81	Deletion of cationic amino acid transporter 2 exacerbates dextran sulfate sodium colitis and leads to an IL-17-predominant T cell response. *American Journal of Physiology - Renal Physiology*, **2013**, 305, G225-40	5.1	16
80	Haem oxygenase-1 inhibits phosphorylation of the Helicobacter pylori oncoprotein CagA in gastric epithelial cells. *Cellular Microbiology*, **2013**, 15, 145-56	3.9	21
79	Strain-specific suppression of microRNA-320 by carcinogenic Helicobacter pylori promotes expression of the antiapoptotic protein Mcl-1. *American Journal of Physiology - Renal Physiology*, **2013**, 305, G786-96	5.1	29

78	Virulence of infecting Helicobacter pylori strains and intensity of mononuclear cell infiltration are associated with levels of DNA hypermethylation in gastric mucosae. *Epigenetics*, **2013**, 8, 1153-61	5.7	23
77	Tumor suppressor function of the plasma glutathione peroxidase gpx3 in colitis-associated carcinoma. *Cancer Research*, **2013**, 73, 1245-55	10.1	116
76	MTG16 contributes to colonic epithelial integrity in experimental colitis. *Gut*, **2013**, 62, 1446-55	19.2	19
75	Phylogeographic origin of Helicobacter pylori determines host-adaptive responses upon coculture with gastric epithelial cells. *Infection and Immunity*, **2013**, 81, 2468-77	3.7	17
74	Chronic inflammation and oxidative stress: the smoking gun for Helicobacter pylori-induced gastric cancer?. *Gut Microbes*, **2013**, 4, 475-81	8.8	75
73	Activated invariant NKT cells control central nervous system autoimmunity in a mechanism that involves myeloid-derived suppressor cells. *Journal of Immunology*, **2013**, 190, 1948-60	5.3	50
72	Draft Genome Sequences of Helicobacter pylori Strains Isolated from Regions of Low and High Gastric Cancer Risk in Colombia. *Genome Announcements*, **2013**, 1,		5
71	Induction of COX-2 expression by Helicobacter pylori is mediated by activation of epidermal growth factor receptor in gastric epithelial cells. *American Journal of Physiology - Renal Physiology*, **2013**, 305, G196-203	5.1	25
70	Helicobacter pylori promotes the expression of Krüppel-like factor 5, a mediator of carcinogenesis, in vitro and in vivo. *PLoS ONE*, **2013**, 8, e54344	3.7	35
69	Dietary selenium deficiency exacerbates DSS-induced epithelial injury and AOM/DSS-induced tumorigenesis. *PLoS ONE*, **2013**, 8, e67845	3.7	64
68	High-throughput multi-analyte Luminex profiling implicates eotaxin-1 in ulcerative colitis. *PLoS ONE*, **2013**, 8, e82300	3.7	37
67	Iron deficiency accelerates Helicobacter pylori-induced carcinogenesis in rodents and humans. *Journal of Clinical Investigation*, **2013**, 123, 479-92	15.9	126
66	Arginine and polyamines in Helicobacter pylori-induced immune dysregulation and gastric carcinogenesis. *Amino Acids*, **2012**, 42, 627-40	3.5	39
65	Glutathione peroxidase 7 protects against oxidative DNA damage in oesophageal cells. *Gut*, **2012**, 61, 1250-60	19.2	60
64	L-arginine supplementation improves responses to injury and inflammation in dextran sulfate sodium colitis. *PLoS ONE*, **2012**, 7, e33546	3.7	109
63	Non-invasive genotyping of Helicobacter pylori cagA, vacA, and hopQ from asymptomatic children. *Helicobacter*, **2012**, 17, 96-106	4.9	33
62	Berberine promotes recovery of colitis and inhibits inflammatory responses in colonic macrophages and epithelial cells in DSS-treated mice. *American Journal of Physiology - Renal Physiology*, **2012**, 302, G504-14	5.1	125
61	Spermine oxidase, a polyamine catabolic enzyme that links Helicobacter pylori CagA and gastric cancer risk. *Gut Microbes*, **2012**, 3, 48-56	8.8	28

60	L-arginine uptake by cationic amino acid transporter 2 is essential for colonic epithelial cell restitution. *American Journal of Physiology - Renal Physiology*, **2012**, 302, G1061-73	5.1	22
59	Analysis of Helicobacter pylori cagA promoter elements required for salt-induced upregulation of CagA expression. *Infection and Immunity*, **2012**, 80, 3094-106	3.7	44
58	Berberine induces caspase-independent cell death in colon tumor cells through activation of apoptosis-inducing factor. *PLoS ONE*, **2012**, 7, e36418	3.7	86
57	Kaiso directs the transcriptional corepressor MTG16 to the Kaiso binding site in target promoters. *PLoS ONE*, **2012**, 7, e51205	3.7	15
56	Spermine oxidase mediates the gastric cancer risk associated with Helicobacter pylori CagA. *Gastroenterology*, **2011**, 141, 1696-708.e1-2	13.3	126
55	KSR1 protects from interleukin-10 deficiency-induced colitis in mice by suppressing T-lymphocyte interferon-□production. *Gastroenterology*, **2011**, 140, 265-74	13.3	21
54	Phylogeographic origin of Helicobacter pylori is a determinant of gastric cancer risk. *Gut*, **2011**, 60, 1189-95	15.2	110
53	Difluoromethylornithine is a novel inhibitor of Helicobacter pylori growth, CagA translocation, and interleukin-8 induction. *PLoS ONE*, **2011**, 6, e17510	3.7	26
52	Cationic amino acid transporter 2 enhances innate immunity during Helicobacter pylori infection. *PLoS ONE*, **2011**, 6, e29046	3.7	16
51	STAT6 activation in ulcerative colitis: a new target for prevention of IL-13-induced colon epithelial cell dysfunction. *Inflammatory Bowel Diseases*, **2011**, 17, 2224-34	4.5	78
50	Mechanism of down-regulation of RNA polymerase III-transcribed non-coding RNA genes in macrophages by Leishmania. *Journal of Biological Chemistry*, **2011**, 286, 6614-26	5.4	19
49	MTGR1 is required for tumorigenesis in the murine AOM/DSS colitis-associated carcinoma model. *Cancer Research*, **2011**, 71, 1302-12	10.1	31
48	Immune evasion by Helicobacter pylori is mediated by induction of macrophage arginase II. *Journal of Immunology*, **2011**, 186, 3632-41	5.3	57
47	Intestinal epithelial cells modulate CD4 T cell responses via the thymus leukemia antigen. *Journal of Immunology*, **2011**, 187, 4051-60	5.3	12
46	Disruption of nitric oxide signaling by Helicobacter pylori results in enhanced inflammation by inhibition of heme oxygenase-1. *Journal of Immunology*, **2011**, 187, 5370-9	5.3	23
45	The apolipoprotein E-mimetic peptide COG112 inhibits NF-kappaB signaling, proinflammatory cytokine expression, and disease activity in murine models of colitis. *Journal of Biological Chemistry*, **2011**, 286, 3839-50	5.4	64
44	Colon-specific delivery of a probiotic-derived soluble protein ameliorates intestinal inflammation in mice through an EGFR-dependent mechanism. *Journal of Clinical Investigation*, **2011**, 121, 2242-53	15.9	231
43	Methods to evaluate alterations in polyamine metabolism caused by Helicobacter pylori infection. *Methods in Molecular Biology*, **2011**, 720, 409-25	1.4	4

42	Matrix metalloproteinase-7 and premalignant host responses in Helicobacter pylori-infected mice. *Cancer Research*, **2010**, 70, 30-5	10.1	16
41	Helicobacter pylori induces ERK-dependent formation of a phospho-c-Fos c-Jun activator protein-1 complex that causes apoptosis in macrophages. *Journal of Biological Chemistry*, **2010**, 285, 20343-57	5.4	53
40	Arginase II restricts host defense to Helicobacter pylori by attenuating inducible nitric oxide synthase translation in macrophages. *Journal of Immunology*, **2010**, 184, 2572-82	5.3	62
39	Polyamines Impair Immunity to Helicobacter pylori by Inhibiting L-Arginine Uptake Required for Nitric Oxide Production. *Gastroenterology*, **2010**, 139, 1686-98, 1698.e1-6	13.3	63
38	Helicobacter pylori and gastric cancer: factors that modulate disease risk. *Clinical Microbiology Reviews*, **2010**, 23, 713-39	34	845
37	Role of innate immunity in Helicobacter pylori-induced gastric malignancy. *Physiological Reviews*, **2010**, 90, 831-58	47.9	165
36	Pathology of gastric intestinal metaplasia: clinical implications. *American Journal of Gastroenterology*, **2010**, 105, 493-8	0.7	224
35	Increased serum levels of L-arginine in ulcerative colitis and correlation with disease severity. *Inflammatory Bowel Diseases*, **2010**, 16, 105-11	4.5	28
34	Increased expression and cellular localization of spermine oxidase in ulcerative colitis and relationship to disease activity. *Inflammatory Bowel Diseases*, **2010**, 16, 1557-66	4.5	35
33	Promoter DNA hypermethylation in gastric biopsies from subjects at high and low risk for gastric cancer. *International Journal of Cancer*, **2010**, 127, 2588-97	7.5	45
32	Epidermal growth factor receptor activation protects gastric epithelial cells from Helicobacter pylori-induced apoptosis. *Gastroenterology*, **2009**, 136, 1297-1307, e1-3	13.3	83
31	Regulation of the Helicobacter pylori cellular receptor decay-accelerating factor. *Journal of Biological Chemistry*, **2008**, 283, 23922-30	5.4	18
30	The apolipoprotein E-mimetic peptide COG112 inhibits the inflammatory response to Citrobacter rodentium in colonic epithelial cells by preventing NF-kappaB activation. *Journal of Biological Chemistry*, **2008**, 283, 16752-61	5.4	45
29	Immunology of Helicobacter pylori: insights into the failure of the immune response and perspectives on vaccine studies. *Gastroenterology*, **2007**, 133, 288-308	13.3	199
28	Host response to Helicobacter pylori infection before initiation of the adaptive immune response. *FEMS Immunology and Medical Microbiology*, **2007**, 51, 577-86		91
27	L-arginine availability regulates inducible nitric oxide synthase-dependent host defense against Helicobacter pylori. *Infection and Immunity*, **2007**, 75, 4305-15	3.7	85
26	Low multiplicity of infection of Helicobacter pylori suppresses apoptosis of B lymphocytes. *Cancer Research*, **2006**, 66, 6834-42	10.1	37
25	Implication of Polyamines in Apoptosis of Immunoresponse Cells **2006**, 293-312		

24	Spermine causes loss of innate immune response to Helicobacter pylori by inhibition of inducible nitric-oxide synthase translation. *Journal of Biological Chemistry*, **2005**, 280, 2409-12	5.4	103
23	Helicobacter pylori-induced macrophage apoptosis requires activation of ornithine decarboxylase by c-Myc. *Journal of Biological Chemistry*, **2005**, 280, 22492-6	5.4	57
22	Narcotic use in patients with CrohnÃ¯Â¿Â½s disease. *American Journal of Gastroenterology*, **2005**, 100, 2225-9	0.7	96
21	Spermine oxidation induced by Helicobacter pylori results in apoptosis and DNA damage: implications for gastric carcinogenesis. *Cancer Research*, **2004**, 64, 8521-5	10.1	138
20	Mouse strain susceptibility to trypanosome infection: an arginase-dependent effect. *Journal of Immunology*, **2004**, 172, 6298-303	5.3	67
19	Protective role of arginase in a mouse model of colitis. *Journal of Immunology*, **2004**, 173, 2109-17	5.3	104
18	Induction of polyamine oxidase 1 by Helicobacter pylori causes macrophage apoptosis by hydrogen peroxide release and mitochondrial membrane depolarization. *Journal of Biological Chemistry*, **2004**, 279, 40161-73	5.4	122
17	Cutting edge: cyclooxygenase-2 activation suppresses Th1 polarization in response to Helicobacter pylori. *Journal of Immunology*, **2003**, 171, 3913-7	5.3	51
16	Helicobacter pylori infection: pathogenesis. *Current Opinion in Gastroenterology*, **2003**, 19, 4-10	3	14
15	Nitric oxide in inflammatory bowel disease. *Inflammatory Bowel Diseases*, **2003**, 9, 179-89	4.5	211
14	Inhibition of colitis by the arginase-ODC pathway. *Gastroenterology*, **2003**, 124, A473	13.3	4
13	Helicobacter pylori induces macrophage apoptosis by activation of arginase II. *Journal of Immunology*, **2002**, 168, 4692-700	5.3	144
12	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. *Journal of Biological Chemistry*, **2002**, 277, 35605-15	5.4	55
11	Cutting edge: urease release by Helicobacter pylori stimulates macrophage inducible nitric oxide synthase. *Journal of Immunology*, **2002**, 168, 6002-6	5.3	110
10	Hypermethylation of the hMLH1 gene promoter is associated with microsatellite instability in early human gastric neoplasia. *Oncogene*, **2001**, 20, 329-35	9.2	101
9	Treatment of gastrointestinal infections. *Current Opinion in Gastroenterology*, **2000**, 16, 51-5	3	2
8	Distinct methylation patterns of two APC gene promoters in normal and cancerous gastric epithelia. *Oncogene*, **2000**, 19, 3642-6	9.2	148
7	Deficient iNOS in inflammatory bowel disease intestinal microvascular endothelial cells results in increased leukocyte adhesion. *Free Radical Biology and Medicine*, **2000**, 29, 881-8	7.8	47

6	Modulation of innate cytokine responses by products of Helicobacter pylori. *Infection and Immunity*, **2000**, 68, 6265-72	3.7	73
5	Pathogenesis of Helicobacter pylori infection. *Current Opinion in Gastroenterology*, **1999**, 15, 66-71	3	3
4	Decreased prevalence of Helicobacter pylori infection in gastroesophageal reflux disease. *Helicobacter*, **1998**, 3, 188-94	4.9	77
3	Interleukin-10 gene transfer inhibits murine mammary tumors and elevates nitric oxide. *International Journal of Cancer*, **1998**, 76, 713-9	7.5	30
2	iNOS expression in human intestinal microvascular endothelial cells inhibits leukocyte adhesion. *American Journal of Physiology - Renal Physiology*, **1998**, 275, G592-603	5.1	29
1	Ornithine Decarboxylase (ODC1) gene variant (rs2302615) is associated with gastric cancer independently of Helicobacter pylori CagA serostatus		1