Keith T Wilson

List of Publications by Year
in descending order

170	11,261	22132	36008
papers	citations	59 h-index	97 g-index

177	177	177	14084
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Helicobacter pyloriand Gastric Cancer: Factors That Modulate Disease Risk. Clinical Microbiology Reviews, 2010, 23, 713-739.	5.7	1,118
2	Pathology of Gastric Intestinal Metaplasia: Clinical Implications. American Journal of Gastroenterology, 2010, 105, 493-498.	0.2	299
3	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, 2242-2253.	3.9	299
4	Nitric Oxide in Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2003, 9, 179-189.	0.9	256
5	Immunology of Helicobacter pylori: Insights Into the Failure of the Immune Response and Perspectives on Vaccine Studies. Gastroenterology, 2007, 133, 288-308.	0.6	232
6	Role of Innate Immunity inHelicobacter pylori-Induced Gastric Malignancy. Physiological Reviews, 2010, 90, 831-858.	13.1	198
7	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, 1455-1460.	3.3	198
8	Hepatic TLR4 signaling in obese NAFLD. American Journal of Physiology - Renal Physiology, 2015, 309, G270-G278.	1.6	180
9	Spermine Oxidase Mediates the Gastric Cancer Risk Associated With Helicobacter pylori CagA. Gastroenterology, 2011, 141, 1696-1708.e2.	0.6	166
10	Distinct methylation patterns of two APC gene promoters in normal and cancerous gastric epithelia. Oncogene, 2000, 19, 3642-3646.	2.6	164
11	Helicobacter pylori Induces Macrophage Apoptosis by Activation of Arginase II. Journal of Immunology, 2002, 168, 4692-4700.	0.4	159
12	Tumor Suppressor Function of the Plasma Glutathione Peroxidase Gpx3 in Colitis-Associated Carcinoma. Cancer Research, 2013, 73, 1245-1255.	0.4	155
13	Iron deficiency accelerates Helicobacter pyloriâ€“induced carcinogenesis in rodents and humans. Journal of Clinical Investigation, 2013, 123, 479-492.	3.9	155
14	Spermine Oxidation Induced by Helicobacter pylori Results in Apoptosis and DNA Damage. Cancer Research, 2004, 64, 8521-8525.	0.4	153
15	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.	3.3	150
16	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-G514.	1.6	146
17	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, 40161-40173.	1.6	141
18	Alterations in lipid, amino acid, and energy metabolism distinguish Crohnâ€™s disease from ulcerative colitis and control subjects by serum metabolomic profiling. Metabolomics, 2018, 14, 17.	1.4	137

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19	Different gastric microbiota compositions in two human populations with high and low gastric cancer risk in Colombia. Scientific Reports, 2016, 6, 18594.	1.6	133
20	L-arginine Supplementation Improves Responses to Injury and Inflammation in Dextran Sulfate Sodium Colitis. PLoS ONE, 2012, 7, e33546.	1.1	129
21	Dynamics of Helicobacter pylori infection as a determinant of progression of gastric precancerous lesions: 16-year follow-up of an eradication trial. Gut, 2018, 67, 1239-1246.	6.1	128
22	Helicobacter pyloritargets cancer-associated apical-junctional constituents in gastroids and gastric epithelial cells. Gut, 2015, 64, 720-730.	6.1	127
23	Succinate Produced by Intestinal Microbes Promotes Specification of Tuft Cells to Suppress Ileal Inflammation. Gastroenterology, 2020, 159, 2101-2115.e5.	0.6	123
24	Cutting Edge: Urease Release by Helicobacter pylori Stimulates Macrophage Inducible Nitric Oxide Synthase. Journal of Immunology, 2002, 168, 6002-6006.	0.4	121
25	Phylogeographic origin of Helicobacter pylori is a determinant of gastric cancer risk. Gut, 2011, 60, 1189-1195.	6.1	120
26	Hypermethylation of the hMLH1 gene promoter is associated with microsatellite instability in early human gastric neoplasia. Oncogene, 2001, 20, 329-335.	2.6	115
27	Spermine Causes Loss of Innate Immune Response to Helicobacter pylori by Inhibition of Inducible Nitric-oxide Synthase Translation. Journal of Biological Chemistry, 2005, 280, 2409-2412.	1.6	114
28	Narcotic Use in Patients with Crohn's Disease. American Journal of Gastroenterology, 2005, 100, 2225-2229.	0.2	114
29	Protective Role of Arginase in a Mouse Model of Colitis. Journal of Immunology, 2004, 173, 2109-2117.	0.4	112
30	STAT6 activation in ulcerative colitis: A new target for prevention of IL-13-induced colon epithelial cell dysfunction. Inflammatory Bowel Diseases, 2011, 17, 2224-2234.	0.9	107
31	Chronic inflammation and oxidative stress. Gut Microbes, 2013, 4, 475-481.	4.3	105
32	Host response toHelicobacter pyloriinfection before initiation of the adaptive immune response. FEMS Immunology and Medical Microbiology, 2007, 51, 577-586.	2.7	99
33	Berberine Induces Caspase-Independent Cell Death in Colon Tumor Cells through Activation of Apoptosis-Inducing Factor. PLoS ONE, 2012, 7, e36418.	1.1	99
34	Epidermal Growth Factor Receptor Activation Protects Gastric Epithelial Cells From Helicobacter pylori-Induced Apoptosis. Gastroenterology, 2009, 136, 1297-1307.e3.	0.6	98
35	l -Arginine Availability Regulates Inducible Nitric Oxide Synthase-Dependent Host Defense against Helicobacter pylori. Infection and Immunity, 2007, 75, 4305-4315.	1.0	97
36	Dual role of arginine metabolism in establishing pathogenesis. Current Opinion in Microbiology, 2016, 29, 43-48.	2.3	96

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37	The role of polyamines in the regulation of macrophage polarization and function. Amino Acids, 2020, 52, 151-160.	1.2	93
38	Selenoprotein P influences colitis-induced tumorigenesis by mediating stemness and oxidative damage. Journal of Clinical Investigation, 2015, 125, 2646-2660.	3.9	87
39	Decreased Prevalence of Helicobacter pylori Infection in Gastroesophageal Reflux Disease. Helicobacter, 1998, 3, 188-194.	1.6	86
40	Dietary Selenium Deficiency Exacerbates DSS-Induced Epithelial Injury and AOM/DSS-Induced Tumorigenesis. PLoS ONE, 2013, 8, e67845.	1.1	84
41	The human intestinal microbiota of constipated-predominant irritable bowel syndrome patients exhibits anti-inflammatory properties. Scientific Reports, 2016, 6, 39399.	1.6	82
42	Modulation of Innate Cytokine Responses by Products of Helicobacter pylori. Infection and Immunity, 2000, 68, 6265-6272.	1.0	80
43	Immune Evasion byHelicobacter pyloriIs Mediated by Induction of Macrophage Arginase II. Journal of Immunology, 2011, 186, 3632-3641.	0.4	80
44	Activation of the Epidermal Growth Factor Receptor in Macrophages Regulates Cytokine Production and Experimental Colitis. Journal of Immunology, 2014, 192, 1013-1023.	0.4	80
45	Arginase 2 deletion leads to enhanced M1 macrophage activation and upregulated polyamine metabolism in response to Helicobacter pylori infection. Amino Acids, 2016, 48, 2375-2388.	1.2	80
46	EGFR regulates macrophage activation and function in bacterial infection. Journal of Clinical Investigation, 2016, 126, 3296-3312.	3.9	80
47	Polyamines Impair Immunity to Helicobacter pylori by Inhibiting L-Arginine Uptake Required for Nitric Oxide Production. Gastroenterology, 2010, 139, 1686-1698.e6.	0.6	78
48	Activation of EGFR and ERBB2 by Helicobacter pylori Results in Survival of Gastric Epithelial Cells With DNA Damage. Gastroenterology, 2014, 146, 1739-1751.e14.	0.6	77
49	Arginase II Restricts Host Defense to Helicobacter pylori by Attenuating Inducible Nitric Oxide Synthase Translation in Macrophages. Journal of Immunology, 2010, 184, 2572-2582.	0.4	76
50	Mouse Strain Susceptibility to Trypanosome Infection: An Arginase-Dependent Effect. Journal of Immunology, 2004, 172, 6298-6303.	0.4	75
51	STAT6 Deficiency Ameliorates Severity of Oxazolone Colitis by Decreasing Expression of Claudin-2 and Th2-Inducing Cytokines. Journal of Immunology, 2013, 190, 1849-1858.	0.4	75
52	The Apolipoprotein E-Mimetic Peptide COG112 Inhibits NF-ÎºB Signaling, Proinflammatory Cytokine Expression, and Disease Activity in Murine Models of Colitis. Journal of Biological Chemistry, 2011, 286, 3839-3850.	1.6	72
53	Glutathione peroxidase 7 protects against oxidative DNA damage in oesophageal cells. Gut, 2012, 61, 1250-1260.	6.1	72
54	At the Bench:Helicobacter pylori, dysregulated host responses, DNA damage, and gastric cancer. Journal of Leukocyte Biology, 2014, 96, 201-212.	1.5	71

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55	Peroxisome proliferator-activated receptor Î´ promotes colonic inflammation and tumor growth. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7084-7089.	3.3	70
56	Helicobacter pylori Induces ERK-dependent Formation of a Phospho-c-FosÂ·c-Jun Activator Protein-1 Complex That Causes Apoptosis in Macrophages. Journal of Biological Chemistry, 2010, 285, 20343-20357.	1.6	69
57	Heme Oxygenase-1 Dysregulates Macrophage Polarization and the Immune Response to Helicobacter pylori. Journal of Immunology, 2014, 193, 3013-3022.	0.4	65
58	Helicobacter pylori-induced Macrophage Apoptosis Requires Activation of Ornithine Decarboxylase by c-Myc. Journal of Biological Chemistry, 2005, 280, 22492-22496.	1.6	63
59	Epidermal growth factor receptor inhibition downregulatesHelicobacter pylori-induced epithelial inflammatory responses, DNA damage and gastric carcinogenesis. Gut, 2018, 67, 1247-1260.	6.1	63
60	Cyclosporine A Enhances Leukocyte Binding by Human Intestinal Microvascular Endothelial Cells through Inhibition of p38 MAPK and iNOS. Journal of Biological Chemistry, 2002, 277, 35605-35615.	1.6	62
61	Mucosal Expression of Type 2 and Type 17 Immune Response Genes Distinguishes Ulcerative Colitis From Colon-Only Crohnâ€™s Disease in Treatment-Naive Pediatric Patients. Gastroenterology, 2017, 152, 1345-1357.e7.	0.6	59
62	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.	2.7	59
63	Arginine and polyamines in Helicobacter pylori-induced immune dysregulation and gastric carcinogenesis. Amino Acids, 2012, 42, 627-640.	1.2	58
64	Fibrogenesis in pancreatic cancer is a dynamic process regulated by macrophageâ€“stellate cell interaction. Laboratory Investigation, 2014, 94, 409-421.	1.7	58
65	L-Arginine Availability and Metabolism Is Altered in Ulcerative Colitis. Inflammatory Bowel Diseases, 2016, 22, 1847-1858.	0.9	58
66	Dietary Arginine Regulates Severity of Experimental Colitis and Affects the Colonic Microbiome. Frontiers in Cellular and Infection Microbiology, 2019, 9, 66.	1.8	58
67	Activated Invariant NKT Cells Control Central Nervous System Autoimmunity in a Mechanism That Involves Myeloid-Derived Suppressor Cells. Journal of Immunology, 2013, 190, 1948-1960.	0.4	57
68	CD8Î±Î± + Innate-Type Lymphocytes in the Intestinal Epithelium Mediate Mucosal Immunity. Immunity, 2014, 41, 451-464.	6.6	57
69	The Colombian Chemoprevention Trial: 20-Year Follow-Up of a Cohort of Patients With Gastric Precancerous Lesions. Gastroenterology, 2021, 160, 1106-1117.e3.	0.6	57
70	Promoter DNA hypermethylation in gastric biopsies from subjects at high and low risk for gastric cancer. International Journal of Cancer, 2010, 127, 2588-2597.	2.3	56
71	Cutting Edge: Cyclooxygenase-2 Activation Suppresses Th1 Polarization in Response toHelicobacter pylori. Journal of Immunology, 2003, 171, 3913-3917.	0.4	55
72	Ornithine Decarboxylase in Macrophages Exacerbates Colitis and Promotes Colitis-Associated Colon Carcinogenesis by Impairing M1 Immune Responses. Cancer Research, 2018, 78, 4303-4315.	0.4	55

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73	Polyamine- and NADPH-dependent generation of ROS during Helicobacter pylori infection: A blessing in disguise. Free Radical Biology and Medicine, 2017, 105, 16-27.	1.3	54
74	Deficient iNOS in inflammatory bowel disease intestinal microvascular endothelial cells results in increased leukocyte adhesion. Free Radical Biology and Medicine, 2000, 29, 881-888.	1.3	52
75	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.	1.8	52
76	The Immune Battle against Helicobacter pylori Infection: NO Offense. Trends in Microbiology, 2016, 24, 366-376.	3.5	52
77	Analysis of Helicobacter pylori cagA Promoter Elements Required for Salt-Induced Upregulation of CagA Expression. Infection and Immunity, 2012, 80, 3094-3106.	1.0	51
78	High-Throughput Multi-Analyte Luminex Profiling Implicates Eotaxin-1 in Ulcerative Colitis. PLoS ONE, 2013, 8, e82300.	1.1	51
79	Serum Fatty Acids Are Correlated with Inflammatory Cytokines in Ulcerative Colitis. PLoS ONE, 2016, 11, e0156387.	1.1	51
80	The Apolipoprotein E-mimetic Peptide COG112 Inhibits the Inflammatory Response to Citrobacter rodentium in Colonic Epithelial Cells by Preventing NF-Î²B Activation. Journal of Biological Chemistry, 2008, 283, 16752-16761.	1.6	50
81	Epithelial Smad4 Deletion Up-Regulates Inflammation and Promotes Inflammation-Associated Cancer. Cellular and Molecular Gastroenterology and Hepatology, 2018, 6, 257-276.	2.3	50
82	IL-33 Signaling Protects from Murine Oxazolone Colitis by Supporting Intestinal Epithelial Function. Inflammatory Bowel Diseases, 2015, 21, 2737-2746.	0.9	48
83	Spermine oxidase mediates Helicobacter pylori-induced gastric inflammation, DNA damage, and carcinogenic signaling. Oncogene, 2020, 39, 4465-4474.	2.6	46
84	BVES regulates c-Myc stability via PP2A and suppresses colitis-induced tumourigenesis. Gut, 2017, 66, 852-862.	6.1	43
85	Nonâ€invasive Genotyping of Helicobacter pylori cagA, vacA, and hopQ from Asymptomatic Children. Helicobacter, 2012, 17, 96-106.	1.6	42
86	Helicobacter Pylori Promotes the Expression of KrÃ¼ppel-Like Factor 5, a Mediator of Carcinogenesis, In Vitro and In Vivo. PLoS ONE, 2013, 8, e54344.	1.1	41
87	Serum Polyunsaturated Fatty Acids Correlate with Serum Cytokines and Clinical Disease Activity in Crohnâ€™s Disease. Scientific Reports, 2019, 9, 2882.	1.6	41
88	Loss of solute carrier family 7 member 2 exacerbates inflammation-associated colon tumorigenesis. Oncogene, 2019, 38, 1067-1079.	2.6	41
89	Increased expression and cellular localization of spermine oxidase in ulcerative colitis and relationship to disease activity. Inflammatory Bowel Diseases, 2010, 16, 1557-1566.	0.9	40
90	Protective Role of Spermidine in Colitis and Colon Carcinogenesis. Gastroenterology, 2022, 162, 813-827.e8.	0.6	40

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91	iNOS expression in human intestinal microvascular endothelial cells inhibits leukocyte adhesion. American Journal of Physiology - Renal Physiology, 1998, 275, G592-G603.	1.6	39
92	Low Multiplicity of Infection of Helicobacter pylori Suppresses Apoptosis of B Lymphocytes. Cancer Research, 2006, 66, 6834-6842.	0.4	39
93	Nod1 Imprints Inflammatory and Carcinogenic Responses toward the Gastric Pathogen Helicobacter pylori. Cancer Research, 2019, 79, 1600-1611.	0.4	37
94	Increased serum levels of L-arginine in ulcerative colitis and correlation with disease severity. Inflammatory Bowel Diseases, 2010, 16, 105-111.	0.9	35
95	MTGR1 Is Required for Tumorigenesis in the Murine AOM/DSS Colitis-Associated Carcinoma Model. Cancer Research, 2011, 71, 1302-1312.	0.4	35
96	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-G1073.	1.6	35
97	TLR9 activation suppresses inflammation in response to Helicobacter pylori infection. American Journal of Physiology - Renal Physiology, 2016, 311, G852-G858.	1.6	35
98	Distinct Immunomodulatory Effects of Spermine Oxidase in Colitis Induced by Epithelial Injury or Infection. Frontiers in Immunology, 2018, 9, 1242.	2.2	35
99	Spermine oxidase, a polyamine catabolic enzyme that linksHelicobacter pyloriCagA and gastric cancer risk. Gut Microbes, 2012, 3, 48-56.	4.3	34
100	Helicobacter: Inflammation, immunology, and vaccines. Helicobacter, 2018, 23, e12517.	1.6	34
101	Interleukin-10 gene transfer inhibits murine mammary tumors and elevates nitric oxide. , 1998, 76, 713-719.		33
102	Difluoromethylornithine Is a Novel Inhibitor of Helicobacter pylori Growth, CagA Translocation, and Interleukin-8 Induction. PLoS ONE, 2011, 6, e17510.	1.1	33
103	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-G796.	1.6	33
104	Colonic Epithelial-Derived Selenoprotein P Is the Source for Antioxidant-Mediated Protection in Colitis-Associated Cancer. Gastroenterology, 2021, 160, 1694-1708.e3.	0.6	33
105	Bacterial CagA protein compromises tumor suppressor mechanisms in gastric epithelial cells. Journal of Clinical Investigation, 2020, 130, 2422-2434.	3.9	32
106	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-G203.	1.6	30
107	Disruption of Nitric Oxide Signaling by Helicobacter pylori Results in Enhanced Inflammation by Inhibition of Heme Oxygenase-1. Journal of Immunology, 2011, 187, 5370-5379.	0.4	29
108	Human and Helicobacter pylori Interactions Determine the Outcome of Gastric Diseases. Current Topics in Microbiology and Immunology, 2017, 400, 27-52.	0.7	29

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109	Resolution of Gastric Cancer-Promoting Inflammation: A Novel Strategy for Anti-cancer Therapy. Current Topics in Microbiology and Immunology, 2019, 421, 319-359.	0.7	29
110	Virulence of infectingHelicobacter pyloristrains and intensity of mononuclear cell infiltration are associated with levels of DNA hypermethylation in gastric mucosae. Epigenetics, 2013, 8, 1153-1161.	1.3	28
111	DNA Methylation Predicts Progression of Human Gastric Lesions. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1607-1613.	1.1	27
112	Haem oxygenase-1 inhibits phosphorylation of theHelicobacter pylorioncoprotein CagA in gastric epithelial cells. Cellular Microbiology, 2013, 15, 145-156.	1.1	26
113	KSR1 Protects From Interleukin-10 Deficiency-Induced Colitis in Mice by Suppressing T-Lymphocyte Interferon-Î³ Production. Gastroenterology, 2011, 140, 265-274.	0.6	25
114	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, 531-542.	1.2	25
115	CCL11 exacerbates colitis and inflammation-associated colon tumorigenesis. Oncogene, 2021, 40, 6540-6546.	2.6	25
116	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-G240.	1.6	24
117	The L-Arginine Transporter Solute Carrier Family 7 Member 2 Mediates the Immunopathogenesis of Attaching and Effacing Bacteria. PLoS Pathogens, 2016, 12, e1005984.	2.1	24
118	Î±-Difluoromethylornithine reduces gastric carcinogenesis by causing mutations in Helicobacter pylori cagY. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5077-5085.	3.3	24
119	Iron deficiency linked to altered bile acid metabolism promotes Helicobacter pyloriâ€“induced inflammationâ€“driven gastric carcinogenesis. Journal of Clinical Investigation, 2022, 132, .	3.9	24
120	Matrix Metalloproteinase-7 and Premalignant Host Responses in Helicobacter pyloriâ€“Infected Mice. Cancer Research, 2010, 70, 30-35.	0.4	23
121	Hypusination Orchestrates the Antimicrobial Response of Macrophages. Cell Reports, 2020, 33, 108510.	2.9	23
122	MTG16 contributes to colonic epithelial integrity in experimental colitis. Gut, 2013, 62, 1446-1455.	6.1	22
123	Pan-genomic analyses identify key Helicobacter pylori pathogenic loci modified by carcinogenic host microenvironments. Gut, 2018, 67, 1793-1804.	6.1	22
124	Helicobacter pylori Antimicrobial Resistance and Gene Variants in High- and Low-Gastric-Cancer-Risk Populations. Journal of Clinical Microbiology, 2021, 59, .	1.8	22
125	Kaiso Directs the Transcriptional Corepressor MTG16 to the Kaiso Binding Site in Target Promoters. PLoS ONE, 2012, 7, e51205.	1.1	22
126	Mechanism of Down-regulation of RNA Polymerase III-transcribed Non-coding RNA Genes in Macrophages by Leishmania. Journal of Biological Chemistry, 2011, 286, 6614-6626.	1.6	21

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127	Outcomes Following Infliximab Therapy for Pediatric Patients Hospitalized With Refractory Colitisâ€"Predominant IBD. Journal of Pediatric Gastroenterology and Nutrition, 2014, 58, 213-219.	0.9	21
128	Genetic Manipulation of Helicobacter pylori Virulence Function by Host Carcinogenic Phenotypes. Cancer Research, 2017, 77, 2401-2412.	0.4	21
129	Regulation of the Helicobacter pylori Cellular Receptor Decay-accelerating Factor. Journal of Biological Chemistry, 2008, 283, 23922-23930.	1.6	20
130	Phylogeographic Origin of Helicobacter pylori Determines Host-Adaptive Responses upon Coculture with Gastric Epithelial Cells. Infection and Immunity, 2013, 81, 2468-2477.	1.0	20
131	Transcriptional corepressor MTG16 regulates small intestinal crypt proliferation and crypt regeneration after radiation-induced injury. American Journal of Physiology - Renal Physiology, 2015, 308, G562-G571.	1.6	20
132	Bacterial Pathogens Hijack the Innate Immune Response by Activation of the Reverse Transsulfuration Pathway. MBio, 2019, 10, .	1.8	20
133	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, 90-98.	3.2	19
134	Carcinogenic Helicobacter pylori Strains Selectively Dysregulate the In Vivo Gastric Proteome, Which May Be Associated with Stomach Cancer Progression*. Molecular and Cellular Proteomics, 2019, 18, 352-371.	2.5	19
135	An interspecies translation model implicates integrin signaling in infliximab-resistant inflammatory bowel disease. Science Signaling, 2020, 13, .	1.6	19
136	The role of polyamines in gastric cancer. Oncogene, 2021, 40, 4399-4412.	2.6	19
137	Induction and Regulation of the Innate Immune Response in Helicobacter pylori Infection. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1347-1363.	2.3	19
138	Cationic Amino Acid Transporter 2 Enhances Innate Immunity during Helicobacter pylori Infection. PLoS ONE, 2011, 6, e29046.	1.1	18
139	Intestinal Epithelial Cells Modulate CD4 T Cell Responses via the Thymus Leukemia Antigen. Journal of Immunology, 2011, 187, 4051-4060.	0.4	18
140	BVES is required for maintenance of colonic epithelial integrity in experimental colitis by modifying intestinal permeability. Mucosal Immunology, 2018, 11, 1363-1374.	2.7	18
141	Dicarbonyl Electrophiles Mediate Inflammation-Induced Gastrointestinal Carcinogenesis. Gastroenterology, 2021, 160, 1256-1268.e9.	0.6	17
142	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.	0.8	15
143	Helicobacter pylori infection: pathogenesis. Current Opinion in Gastroenterology, 2003, 19, 4-10.	1.0	14
144	Granzyme B prevents aberrant IL-17 production and intestinal pathogenicity in CD4+ T cells. Mucosal Immunology, 2021, 14, 1088-1099.	2.7	13

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145	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, 7, e0077221.	1.3	13
146	Draft Genome Sequence of Gerbil-Adapted Carcinogenic Helicobacter pylori Strain 7.13. Genome Announcements, 2015, 3, .	0.8	12
147	Helicobacter pylori antimicrobial resistance and antibiotic consumption in the lowâ€resource Central America setting. Helicobacter, 2019, 24, e12595.	1.6	12
148	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.	2.2	12
149	Selective inhibition of mTORC1 in tumor vessels increases antitumor immunity. JCI Insight, 2020, 5, .	2.3	12
150	Kaiso is required for MTG16-dependent effects on colitis-associated carcinoma. Oncogene, 2019, 38, 5091-5106.	2.6	10
151	Epigenetic and genetic variation in GATA5 is associated with gastric disease risk. Human Genetics, 2016, 135, 895-906.	1.8	9
152	Functional Properties of Helicobacter pylori VacA Toxin m1 and m2 Variants. Infection and Immunity, 2020, 88, .	1.0	9
153	Curcumin Oxidation Is Required for Inhibition of Helicobacter pylori Growth, Translocation and Phosphorylation of Cag A. Frontiers in Cellular and Infection Microbiology, 2021, 11, 765842.	1.8	9
154	Editorial: Orchestration of macrophage polarization by polyamines. Journal of Leukocyte Biology, 2012, 91, 677-679.	1.5	8
155	Cystathionine Î³-lyase exacerbates Helicobacter pylori immunopathogenesis by promoting macrophage metabolic remodeling and activation. JCI Insight, 2022, 7, .	2.3	8
156	Treatment of gastrointestinal infections. Current Opinion in Gastroenterology, 2000, 16, 51-55.	1.0	7
157	Draft Genome Sequences of Helicobacter pylori Strains Isolated from Regions of Low and High Gastric Cancer Risk in Colombia. Genome Announcements, 2013, 1, .	0.8	7
158	Geospatial analyses identify regional hot spots of diffuse gastric cancer in rural Central America. BMC Cancer, 2019, 19, 545.	1.1	7
159	MTG16 is a tumor suppressor in colitis-associated carcinoma. JCI Insight, 2017, 2, .	2.3	6
160	Methods to Evaluate Alterations in Polyamine Metabolism Caused by Helicobacter pylori Infection. Methods in Molecular Biology, 2011, 720, 409-425.	0.4	5
161	Inhibition of colitis by the arginase-ODC pathway. Gastroenterology, 2003, 124, A473.	0.6	4
162	A cross-platform informatics system for the Gut Cell Atlas: integrating clinical, anatomical and histological data. , 2021, 11601, .		4

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163	Pathogenesis of Helicobacter pylori infection. Current Opinion in Gastroenterology, 1999, 15, 66.	1.0	3
164	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.	0.8	2
165	Ornithine decarboxylase (ODC1) gene variant (rs2302615) is associated with gastric cancer independently of Helicobacter pylori CagA serostatus. Oncogene, 2021, 40, 5963-5969.	2.6	2
166	Draft Genome Sequences of 13 Colombian Helicobacter pylori Strains Isolated from Pacific Coast and Andean Residents. Genome Announcements, 2017, 5, .	0.8	1
167	Effect of CO2 on Peroxynitrite-Mediated Bacteria Killing: Response to Tsikas et al.. Trends in Microbiology, 2017, 25, 602-603.	3.5	1
168	Implication of Polyamines in Apoptosis of Immunoresponse Cells. , 2006, , 293-312.		0
169	Inpainting missing tissue in multiplexed immunofluorescence imaging. , 2022, 12039, .		0
170	Random Multi-Channel Image Synthesis for Multiplexed Immunofluorescence Imaging.. Proceedings of Machine Learning Research, 2021, 156, 36-46.	0.3	0