Zhongming Ge

List of Publications by Year
in descending order

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Version: 2024-02-01

106 papers	5,855 citations	61857 43 h-index	76769 74 g-index
116 all docs	116 docs citations	116 times ranked	5556 citing authors

#	Article	IF	Citations
1	Lack of Commensal Flora in Helicobacter pyloriâ€“Infected INS-GAS Mice Reduces Gastritis and Delays Intraepithelial Neoplasia. Gastroenterology, 2011, 140, 210-220.e4.	0.6	347
2	Gastric colonisation with a restricted commensal microbiota replicates the promotion of neoplastic lesions by diverse intestinal microbiota in theHelicobacter pyloriINS-GAS mouse model of gastric carcinogenesis. Gut, 2014, 63, 54-63.	6.1	246
3	The complete genome sequence of the carcinogenic bacterium Helicobacter hepaticus. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7901-7906.	3.3	223
4	Infection-induced colitis in mice causes dynamic and tissue-specific changes in stress response and DNA damage leading to colon cancer. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1820-9.	3.3	209
5	CD4+CD25+ Regulatory Lymphocytes Induce Regression of Intestinal Tumors in ApcMin/+ Mice. Cancer Research, 2005, 65, 3998-4004.	0.4	194
6	Disruption of Tight Junctions and Induction of Proinflammatory Cytokine Responses in Colonic Epithelial Cells by Campylobacter jejuni. Infection and Immunity, 2006, 74, 6581-6589.	1.0	179
7	Host and microbial constituents influence helicobacter pylori-induced cancer in a murine model of hypergastrinemia. Gastroenterology, 2003, 124, 1879-1890.	0.6	176
8	Innate Immune Inflammatory Response against Enteric Bacteria Helicobacter hepaticus Induces Mammary Adenocarcinoma in Mice. Cancer Research, 2006, 66, 7395-7400.	0.4	170
9	Gastroenteritis in NF-ÎºB-Deficient Mice Is Produced with Wild-Type Camplyobacter jejuni but Not with C. jejuni Lacking Cytolethal Distending Toxin despite Persistent Colonization with Both Strains. Infection and Immunity, 2004, 72, 1116-1125.	1.0	166
10	CD4(+)CD25(+) regulatory lymphocytes require interleukin 10 to interrupt colon carcinogenesis in mice. Cancer Research, 2003, 63, 6042-50.	0.4	165
11	Probiotic Lactobacillus spp. Diminish Helicobacter hepaticus-Induced Inflammatory Bowel Disease in Interleukin-10-Deficient Mice. Infection and Immunity, 2005, 73, 912-920.	1.0	149
12	Bacterial cytolethal distending toxin promotes the development of dysplasia in a model of microbially induced hepatocarcinogenesis. Cellular Microbiology, 2007, 9, 2070-2080.	1.1	136
13	Campylobacter jejuni Type VI Secretion System: Roles in Adaptation to Deoxycholic Acid, Host Cell Adherence, Invasion, and In Vivo Colonization. PLoS ONE, 2012, 7, e42842.	1.1	132
14	Lewis antigens in Helicobacter pylori: biosynthesis and phase variation. Molecular Microbiology, 2002, 36, 1187-1196.	1.2	129
15	Cloning and Heterologous Expression of an Î±1,3-Fucosyltransferase Gene from the Gastric PathogenHelicobacter pylori. Journal of Biological Chemistry, 1997, 272, 21357-21363.	1.6	124
16	Spatial Distribution and Stability of the Eight Microbial Species of the Altered Schaedler Flora in the Mouse Gastrointestinal Tract. Applied and Environmental Microbiology, 2004, 70, 2791-2800.	1.4	115
17	Helicobacter pylori Eradication Prevents Progression of Gastric Cancer in Hypergastrinemic INS-GAS Mice. Cancer Research, 2008, 68, 3540-3548.	0.4	112
18	Identification of cdtB homologues and cytolethal distending toxin activity in enterohepatic Helicobacter spp.. Journal of Medical Microbiology, 2000, 49, 525-534.	0.7	107

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19	Cytolethal Distending Toxin Is Essential for Helicobacter hepaticus Colonization in Outbred Swiss Webster Mice. Infection and Immunity, 2005, 73, 3559-3567.	1.0	103
20	Helicobacter pylori CagA promotes epithelial mesenchymal transition in gastric carcinogenesis via triggering oncogenic YAP pathway. Journal of Experimental and Clinical Cancer Research, 2018, 37, 280.	3.5	102
21	A Novel Urease-Negative Helicobacter Species Associated with Colitis and Typhlitis in IL-10-Deficient Mice. Infection and Immunity, 1999, 67, 1757-1762.	1.0	102
22	Accelerated Progression of Gastritis to Dysplasia in the Pyloric Antrum of TFF2â˜'/â˜' C57BL6 Ã— Sv129 Helicobacter pylori-Infected Mice. American Journal of Pathology, 2007, 171, 1520-1528.	1.9	95
23	In vivovirulence properties of bacterial cytolethal-distending toxin. Cellular Microbiology, 2008, 10, 1599-1607.	1.1	95
24	Nucleotide sequence and mutational analysis indicate that two Helicobacter pylori genes encode a P-type ATPase and a cation-binding protein associated with copper transport. Molecular Microbiology, 1995, 15, 97-106.	1.2	89
25	Gut bacteria require neutrophils to promote mammary tumorigenesis. Oncotarget, 2015, 6, 9387-9396.	0.8	89
26	Synergistic Inhibitory Effects of Gastrin and Histamine Receptor Antagonists on Helicobacter-Induced Gastric Cancer. Gastroenterology, 2005, 128, 1965-1983.	0.6	87
27	Proinflammatory CD4+CD45RBhi Lymphocytes Promote Mammary and Intestinal Carcinogenesis in ApcMin/+ Mice. Cancer Research, 2006, 66, 57-61.	0.4	82
28	Coinfection Modulates Inflammatory Responses and Clinical Outcome of Helicobacter felis and Toxoplasma gondii Infections. Journal of Immunology, 2004, 173, 3329-3336.	0.4	79
29	Unifying roles for regulatory T cells and inflammation in cancer. International Journal of Cancer, 2010, 126, 1651-1665.	2.3	77
30	Contributions of Genome Sequencing to Understanding the Biology ofHelicobacter pylori. Annual Review of Microbiology, 1999, 53, 353-387.	2.9	70
31	Fluorogenic PCR-Based Quantitative Detection of a Murine Pathogen, Helicobacter hepaticus. Journal of Clinical Microbiology, 2001, 39, 2598-2602.	1.8	64
32	Protective role of 17 -estradiol against the development of Helicobacter pylori-induced gastric cancer in INS-GAS mice. Carcinogenesis, 2007, 28, 2597-2604.	1.3	64
33	17Î²-Estradiol and Tamoxifen Prevent Gastric Cancer by Modulating Leukocyte Recruitment and Oncogenic Pathways in Helicobacter Pyloriâ€"Infected INS-GAS Male Mice. Cancer Prevention Research, 2011, 4, 1426-1435.	0.7	63
34	Cytolethal Distending Toxin: A Potential Virulence Factor forHelicobacter cinaedi. Journal of Infectious Diseases, 2003, 188, 1892-1897.	1.9	62
35	Concurrent Helicobacter bilis Infection in C57BL/6 Mice Attenuates Proinflammatory H. pylori -Induced Gastric Pathology. Infection and Immunity, 2009, 77, 2147-2158.	1.0	61
36	Rapid reversal of interleukin-6-dependent epithelial invasion in a mouse model of microbially induced colon carcinoma. Carcinogenesis, 2007, 28, 2614-2623.	1.3	59

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37	T-Cell Function Is Critical for Murine Cholesterol Gallstone Formation. Gastroenterology, 2007, 133, 1304-1315.	0.6	59
38	Pathogenic Intestinal Bacteria Enhance Prostate Cancer Development via Systemic Activation of Immune Cells in Mice. PLoS ONE, 2013, 8, e73933.	1.1	53
39	Fumarate reductase is essential for Helicobacter pylori colonization of the mouse stomach. Microbial Pathogenesis, 2000, 29, 279-287.	1.3	51
40	Helicobacter pyloriand cholesterol gallstone formation in C57L/J mice: a prospective study. American Journal of Physiology - Renal Physiology, 2006, 290, G175-G182.	1.6	51
41	Colonization Dynamics of Altered Schaedler Flora Is Influenced by Gender, Aging, and Helicobacter hepaticus Infection in the Intestines of Swiss Webster Mice. Applied and Environmental Microbiology, 2006, 72, 5100-5103.	1.4	50
42	Progression of Chronic Hepatitis and Preneoplasia in Helicobacter hepaticus-Infected A/JCr Mice. Toxicologic Pathology, 2004, 32, 668-677.	0.9	46
43	Wild-Type and Interleukin-10-Deficient Regulatory T Cells Reduce Effector T-Cell-Mediated Gastroduodenitis in Rag2 â^'/â^' Mice, but Only Wild-Type Regulatory T Cells Suppress Helicobacter pylori Gastritis. Infection and Immunity, 2007, 75, 2699-2707.	1.0	44
44	Coinfection with Enterohepatic Helicobacter Species Can Ameliorate or Promote Helicobacter pylori-Induced Gastric Pathology in C57BL/6 Mice. Infection and Immunity, 2011, 79, 3861-3871.	1.0	44
45	Helicobacter hepaticuscytolethal distending toxin promotes intestinal carcinogenesis in 129Rag2-deficient mice. Cellular Microbiology, 2017, 19, e12728.	1.1	43
46	H. pylori DNA Transformation by Natural Competence and Electroporation. , 1997, 8, 145-152.		42
47	Helminth co-infection in Helicobacter pylori infected INS-GAS mice attenuates gastric premalignant lesions of epithelial dysplasia and glandular atrophy and preserves colonization resistance of the stomach to lower bowel microbiota. Microbes and Infection, 2014, 16, 345-355.	1.0	41
48	Helicobacter pylorigeneshpcopAandhpcopPconstitute a cop operon involved in copper export. FEMS Microbiology Letters, 1996, 145, 181-188.	0.7	39
49	An Analysis of the Role of the Indigenous Microbiota in Cholesterol Gallstone Pathogenesis. PLoS ONE, 2013, 8, e70657.	1.1	39
50	Downregulation of tumor suppressor RACK1 by Helicobacter pylori infection promotes gastric carcinogenesis through the integrin Î²-1/NF-ÎºB signaling pathway. Cancer Letters, 2019, 450, 144-154.	3.2	39
51	Lactobacillus reuteri promotes Helicobacter hepaticus-associated typhlocolitis in gnotobiotic B6.129P2-IL-10tm1Cgn (IL-10â^'/â^') mice. Immunology, 2011, 133, 165-178.	2.0	36
52	17Â-Estradiol suppresses Helicobacter pylori-induced gastric pathology in male hypergastrinemic INS-GAS mice. Carcinogenesis, 2011, 32, 1244-1250.	1.3	34
53	Cytotoxic-T-Lymphocyte-Associated Antigen 4 Blockade Abrogates Protection by Regulatory T Cells in a Mouse Model of Microbially Induced Innate Immune-Driven Colitis. Infection and Immunity, 2008, 76, 5834-5842.	1.0	32
54	Helicobacter pylori-infected C57BL/6 mice with different gastrointestinal microbiota have contrasting gastric pathology, microbial and host immune responses. Scientific Reports, 2018, 8, 8014.	1.6	31

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55	Potential of fumarate reductase as a novel therapeutic target in Helicobacter pylori infection. Expert Opinion on Therapeutic Targets, 2002, 6, 135-146.	1.5	30
56	CD4+ lymphocytes modulate prostate cancer progression in mice. International Journal of Cancer, 2009, 125, 868-878.	2.3	29
57	Helicobacter pylori Infection Aggravates Diet-induced Insulin Resistance in Association With Gut Microbiota of Mice. EBioMedicine, 2016, 12, 247-254.	2.7	29
58	Different Helicobacter hepaticus Strains with Variable Genomic Content Induce Various Degrees of Hepatitis. Infection and Immunity, 2005, 73, 8449-8452.	1.0	28
59	Cloning and functional characterization of Helicobacter pylori fumarate reductase operon comprising three structural genes coding for subunits C, A and B. Gene, 1997, 204, 227-234.	1.0	27
60	Systemic Macrophage Depletion Inhibits Helicobacter bilis-Induced Proinflammatory Cytokine-Mediated Typhlocolitis and Impairs Bacterial Colonization Dynamics in a BALB/c Rag2 ^{â^'/â^'} Mouse Model of Inflammatory Bowel Disease. Infection and Immunity, 2012, 80, 4388-4397.	1.0	26
61	Helicobacter hepaticusâ€“Induced Liver Tumor Promotion Is Associated with Increased Serum Bile Acid and a Persistent Microbial-Induced Immune Response. Cancer Research, 2011, 71, 2529-2540.	0.4	25
62	Helicobacter pylori - molecular genetics and diagnostic typing. British Medical Bulletin, 1998, 54, 31-38.	2.7	24
63	Characterization of Proteins in the Outer Membrane Preparation of a Murine Pathogen, Helicobacter bilis. Infection and Immunity, 2001, 69, 3502-3506.	1.0	20
64	Helicobacter hepaticus HHGI1 is a pathogenicity island associated with typhlocolitis in B6.129-IL10tm1Cgn mice. Microbes and Infection, 2008, 10, 726-733.	1.0	20
65	Helicobacter hepaticus urease is not required for intestinal colonization but promotes hepatic inflammation in male A/JCr mice. Microbial Pathogenesis, 2008, 45, 18-24.	1.3	20
66	Helicobacter pylori Infection Induces Anemia, Depletes Serum Iron Storage, and Alters Local Iron-Related and Adult Brain Gene Expression in Male INS-GAS Mice. PLoS ONE, 2015, 10, e0142630.	1.1	20
67	Vitamin C supplementation does not protect <scp>L</scp>â€gulonoâ€Îłâ€lactone oxidaseâ€deficient mice from Helicobacter pyloriâ€induced gastritis and gastric premalignancy. International Journal of Cancer, 2008, 122, 1068-1076.	2.3	19
68	Helicobacter pylori antibiotic eradication coupled with a chemically defined diet in INS-GAS mice triggers dysbiosis and vitamin K deficiency resulting in gastric hemorrhage. Gut Microbes, 2020, 11, 820-841.	4.3	19
69	Natural and experimental Helicobacter pullorum infection in Brown Norway rats. Journal of Medical Microbiology, 2012, 61, 1319-1323.	0.7	15
70	Muc5ac null mice are predisposed to spontaneous gastric antro-pyloric hyperplasia and adenomas coupled with attenuated H.pylori-induced corpus mucous metaplasia. Laboratory Investigation, 2019, 99, 1887-1905.	1.7	15
71	Identification of a new strain of mouse kidney parvovirus associated with inclusion body nephropathy in immunocompromised laboratory mice. Emerging Microbes and Infections, 2020, 9, 1814-1823.	3.0	15
72	Rapid Polymerase Chain Reaction Screening ofHelicobacter pyloriChromosomal Point Mutations. Helicobacter, 1997, 2, 127-131.	1.6	14

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73	Cytotoxic Escherichia coli strains encoding colibactin colonize laboratory mice. Microbes and Infection, 2016, 18, 777-786.	1.0	14
74	Convergent dysbiosis of gastric mucosa and fluid microbiome during stomach carcinogenesis. Gastric Cancer, 2022, 25, 837-849.	2.7	14
75	Brugia filariasis differentially modulates persistent Helicobacter pylori gastritis in the gerbil model. Microbes and Infection, 2010, 12, 748-758.	1.0	13
76	Persistent Helicobacter pullorum colonization in C57BL/6NTac mice: a new mouse model for an emerging zoonosis. Journal of Medical Microbiology, 2012, 61, 720-728.	0.7	12
77	Helicobacter pylori infection and low dietary iron alter behavior, induce iron deficiency anemia, and modulate hippocampal gene expression in female C57BL/6 mice. PLoS ONE, 2017, 12, e0173108.	1.1	11
78	Genomic characterization ofHelicobacter hepaticus: ordered cosmid library and comparative sequence analysis. FEMS Microbiology Letters, 2001, 204, 147-153.	0.7	10
79	Cytotoxic Escherichia coli strains encoding colibactin isolated from immunocompromised mice with urosepsis and meningitis. PLoS ONE, 2018, 13, e0194443.	1.1	10
80	Evaluation of Helicobacter hepaticus bacterial shedding in fostered and sex-segregated C57BL/6 mice. Comparative Medicine, 2005, 55, 515-22.	0.4	10
81	Male Syrian Hamsters Experimentally Infected with <scp>H</scp>elicobacter spp. of the <scp>H</scp>.Âbilis Cluster Develop <scp>MALT</scp>â€Associated Gastrointestinal Lymphomas. Helicobacter, 2016, 21, 201-217.	1.6	8
82	Helicobacter hepaticus Cholesterolâ€Î±â€glucosyltransferase is Essential for Establishing Colonization in Male A/<scp>JC</scp>r Mice. Helicobacter, 2014, 19, 280-288.	1.6	6
83	Verifying and Quantifying Helicobacter pylori Infection Status of Research Mice. Methods in Molecular Biology, 2012, 921, 143-156.	0.4	6
84	Conservation and Diversity of the Helicobacter pylori Copper-Transporting ATPase Gene (copA) Sequence Among Helicobacter Species and Campylobacter Species Detected by PCR and RFLP. Helicobacter, 1996, 1, 112-117.	1.6	5
85	Spatial and temporal colonization dynamics of segmented filamentous bacteria is influenced by gender, age and experimental infection with Helicobacter hepaticus in Swiss Webster mice. Microbes and Infection, 2015, 17, 16-22.	1.0	5
86	Mutagenicity of Helicobacter hepaticus infection in the lower bowel mucosa of 129/SvEv Rag2^{â˜'/â€‹}Il10^{â˜'/â˜'}gpt delta mice is influenced by sex. International Journal of Cancer, 2019, 145, 1042-1054.	2.3	5
87	Effects of Colonization of Gnotobiotic Swiss Webster Mice with Helicobacter bilis. Comparative Medicine, 2020, 70, 216-232.	0.4	5
88	Viral Genome Delivery into Detached and Intact Leaf Tissues of Vigna unguiculata by RNA-coated Gold Particles Using the Improved Particle Gun.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1992, 68, 183-186.	1.6	4
89	The Infectious Transcripts of Sweet Clover Necrotic Mosaic Virus Bipartite Genome Constructed by the Polymerase Chain Reaction.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1993, 69, 113-118.	1.6	4
90	Lamellipodin-Deficient Mice: A Model of Rectal Carcinoma. PLoS ONE, 2016, 11, e0152940.	1.1	4

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91	Gamma-glutamyltranspeptidase expression byHelicobacter saguini, an enterohepaticHelicobacterspecies isolated from cotton top tamarins with chronic colitis. Cellular Microbiology, 2019, 21, e12968.	1.1	4
92	Biolistic Delivery of Foreign DNA or Genomic Transcripts of Plant Virus Full-length cDNA Clones into Monocotyledonous and Dicotyledonous Plant Tissues.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1993, 69, 244-247.	1.6	3
93	Detection of Myocoptes musculinus in Fur Swab and Fecal Samples by Using PCR Analysis. Journal of the American Association for Laboratory Animal Science, 2019, 58, 796-801.	0.6	3
94	Male-Dependent Promotion of Colitis in 129 Rag2â^'/â^' Mice Co-Infected with Helicobacter pylori and Helicobacter hepaticus. International Journal of Molecular Sciences, 2020, 21, 8886.	1.8	3
95	A Novel Urease-Negative HelicobacterSpecies Associated with Colitis and Typhlitis in IL-10-Deficient Mice. Infection and Immunity, 1999, 67, 1757-1762.	1.0	2
96	Genomics of Helicobacter Species. , 2006, , 91-107.		0
97	1014 Lactobacillus Reuteri Promoted Helicobacter Hepaticus-Associated Typhlocolitis in Gnotobiotic IL-10 Deficient Mice. Gastroenterology, 2008, 134, A-153.	0.6	0
98	W1782 Helicobacter Hepaticus Urease Is Not Required for Intestinal Colonization But Promotes Hepatic Inflammation in Male a/Jcr Mice. Gastroenterology, 2008, 134, A-714.	0.6	0
99	121 Cholesterol-Î±-Glucosyltransferase Is Important for Establishing Colonization By Helicobacter Hepaticus in Male A/JCr Mice. Gastroenterology, 2009, 136, A-22.	0.6	0
100	M1977 Effect of Monoassociated Helicobacter pylori the Severity of Gastritis and Premalignancy in INS-GAS Mice. Gastroenterology, 2009, 136, A-459-A-460.	0.6	0
101	59 Microbial Diversity of Gastrointestinal Flora Influences Dynamics of Gastric Cancer Progression in INS/GAS Mice. Gastroenterology, 2012, 142, S-15-S-16.	0.6	0
102	Sa1873 Prior Exposure of Mongolian Gerbils to Colombian Strains of Helicobacter pylori That Differ in CagA Activity Modulates Subsequent Susceptibility to H. pylori SS1 Infection and Associated Inflammation. Gastroenterology, 2013, 144, S-325.	0.6	0
103	Mo1695 Influence of Gastrointestinal Microbiota on Pathogenic Potential of Helicobacter pylori in C57BL/6 Mice. Gastroenterology, 2015, 148, S-688.	0.6	0
104	Mo1697 Male-Dependent Promotion of Colitis in RAG2â^'/- 129 Mice Co-Infected With Helicobacter pylori and Helicobacter Hepaticus Compared to Monoinfected H. hepaticus Mice. Gastroenterology, 2015, 148, S-688.	0.6	0
105	Activation of Gut-Associated Tertiary Lymphoid Tissue in Gnotobiotic Swiss Webster Mice Distinguishes Helicobacter Bills, a 'Provocateur Pathosymbiont', from Segmented Filamentous Bacteria. Gastroenterology, 2017, 152, S1000.	0.6	0
106	Abstract A100:Helicobacter hepaticuscontributes to mammary gland carcinogenesis through bacterial translocation and subsequent expansion of cancer-promoting myeloid-derived suppressor cells. , 2013, , .		0