

Barry James Marshall

List of Publications by Year in descending order

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127
papers

8,066
citations

87843

38
h-index

49868

87
g-index

140
all docs

140
docs citations

140
times ranked

5068
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a bowel sound detector adapted to demonstrate the effect of food intake. BioMedical Engineering OnLine, 2022, 21, 1.	1.3	14
2	Need for standardization and harmonization of <i>Helicobacter pylori</i> antimicrobial susceptibility testing. Helicobacter, 2022, 27, e12873.	1.6	17
3	Helicobacteriology update. Microbiology Australia, 2021, 42, 92-95.	0.1	1
4	A re-testing range is recommended for 13C- and 14C-urea breath tests for Helicobacter pylori infection in China. Gut Pathogens, 2021, 13, 38.	1.6	6
5	COVID-19 has triggered a new century of vaccination and infection control for the benefit of all mankind. Precision Clinical Medicine, 2021, 4, 77-79.	1.3	1
6	A novel taxon selection method, aimed at minimizing recombination, clarifies the discovery of a new subpopulation of <i>Helicobacter pylori</i> from Australia. Evolutionary Applications, 2020, 13, 278-289.	1.5	6
7	Mutations of Helicobacter pylori RdxA are mainly related to the phylogenetic origin of the strain and not to metronidazole resistance. Journal of Antimicrobial Chemotherapy, 2020, 75, 3152-3155.	1.3	13
8	Actual and estimated adenoma detection rates: a 2-year monocentric colonoscopic screening outcome in Shenzhen, China. JGH Open, 2020, 4, 707-712.	0.7	1
9	Primary antibiotic resistance of <i>Helicobacter pylori</i> among a Chinese Tibetan population. Future Microbiology, 2020, 15, 1353-1361.	1.0	12
10	Susceptibility-guided bismuth quadruple therapies for resistant <i>Helicobacter pylori</i> infections. Precision Clinical Medicine, 2020, 3, 127-135.	1.3	8
11	Helicobacter pylori infection induced genome instability and gastric cancer. Genome Instability & Disease, 2020, 1, 129-142.	0.5	4
12	Prevalence and risk factors of <i>Helicobacter pylori</i> infection among children in Kuichong Subdistrict of Shenzhen City, China. PeerJ, 2020, 8, e8878.	0.9	4
13	<i>Helicobacter pylori</i> infection is an infectious disease and the empiric therapy paradigm should be changed. Precision Clinical Medicine, 2019, 2, 77-80.	1.3	18
14	Structural, biomechanical and hemodynamic assessment of the bladder wall in healthy subjects. Research and Reports in Urology, 2019, Volume 11, 233-245.	0.6	13
15	The complete genome and methylome of Helicobacter pylori hpNEAfrica strain HP14039. Gut Pathogens, 2019, 11, 7.	1.6	5
16	Analysis of core protein clusters identifies candidate variable sites conferring metronidazole resistance in <i>Helicobacter pylori</i> . Gastroenterology Report, 2019, 7, 42-49.	0.6	18
17	Noninvasive Diagnosis of Irritable Bowel Syndrome via Bowel Sound Features: Proof of Concept. Clinical and Translational Gastroenterology, 2019, 10, e00017.	1.3	19
18	East-Asian Helicobacter pylori strains synthesize heptan-deficient lipopolysaccharide. PLoS Genetics, 2019, 15, e1008497.	1.5	21

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19	Advances in Acoustic Signal Processing Techniques for Enhanced Bowel Sound Analysis. IEEE Reviews in Biomedical Engineering, 2019, 12, 240-253.	13.1	36
20	<i>Helicobacter pylori</i> VacA, a distinct toxin exerts diverse functionalities in numerous cells: An overview. Helicobacter, 2019, 24, e12544.	1.6	83
21	Gastric <i>Helicobacter pylori</i> infection perturbs human oral microbiota. PeerJ, 2019, 7, e63336.	0.9	9
22	Bowel Sounds Identification and Migrating Motor Complex Detection with Low-Cost Piezoelectric Acoustic Sensing Device. Sensors, 2018, 18, 4240.	2.1	22
23	A mathematical model of bowel sound generation. Journal of the Acoustical Society of America, 2018, 144, EL485-EL491.	0.5	12
24	Lipopolysaccharide Structural Differences between Western and Asian <i>Helicobacter pylori</i> Strains. Toxins, 2018, 10, 364.	1.5	9
25	Tu2017 - Non-Invasive Diagnosis of Irritable Bowel Syndrome via Novel Bowel Sound Features: Proof of Principle. Gastroenterology, 2018, 154, S-1370-S-1371.	0.6	3
26	The potential of computerised analysis of bowel sounds for diagnosis of gastrointestinal conditions: a systematic review. Systematic Reviews, 2018, 7, 124.	2.5	27
27	Quantum changes in <i>Helicobacter pylori</i> gene expression accompany host-adaptation. DNA Research, 2017, 24, dsw046.	1.5	8
28	Rapid measurement of urease activity using a potentiometric RuO ₂ pH sensor for detection of <i>Helicobacter pylori</i> . Sensors and Actuators B: Chemical, 2017, 242, 1305-1308.	4.0	17
29	Understanding protein glycosylation pathways in bacteria. Future Microbiology, 2017, 12, 59-72.	1.0	23
30	The redefinition of <i>Helicobacter pylori</i> lipopolysaccharide O-antigen and core-oligosaccharide domains. PLoS Pathogens, 2017, 13, e1006280.	2.1	33
31	<i>Helicobacter pylori</i> gene silencing in vivo demonstrates urease is essential for chronic infection. PLoS Pathogens, 2017, 13, e1006464.	2.1	64
32	Insights from the redefinition of <i>Helicobacter pylori</i> lipopolysaccharide O-antigen and core-oligosaccharide domains. Microbial Cell, 2017, 4, 175-178.	1.4	7
33	Lipopolysaccharide Structure and Biosynthesis in <i>Helicobacter pylori</i> . Helicobacter, 2016, 21, 445-461.	1.6	63
34	<i>Helicobacter pylori</i> overcomes natural immunity in repeated infections. Clinical Case Reports (discontinued), 2016, 4, 1026-1033.	0.2	4
35	<i>Helicobacter pylori</i> associated "lymphocytic gastritis" unravelled. Pathology, 2016, 48, S126.	0.3	2
36	Divergence between the Highly Virulent Zoonotic Pathogen <i>Helicobacter heilmannii</i> and Its Closest Relative, the Low-Virulence <i>Helicobacter ailurogastricus</i> sp. nov. Infection and Immunity, 2016, 84, 293-306.	1.0	37

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37	Assessment of Risk and Sero-Prevalence of <i>Helicobacter pylori</i> Colonization among Remote Orang Asli Tribes in Peninsula Malaysia. PLoS ONE, 2016, 11, e0159830.	1.1	9
38	Comparative Genomics Revealed Multiple <i>Helicobacter pylori</i> Genes Associated with Biofilm Formation In Vitro. PLoS ONE, 2016, 11, e0166835.	1.1	36
39	Comparative genomic analysis of <i>Helicobacter pylori</i> from Malaysia identifies three distinct lineages suggestive of differential evolution. Nucleic Acids Research, 2015, 43, 324-335.	6.5	24
40	<i>Helicobacter pylori</i> infection as a protective factor against multiple sclerosis risk in females. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 603-607.	0.9	46
41	Expansion of the Tetracycline-Dependent Regulation Toolbox for <i>Helicobacter pylori</i> . Applied and Environmental Microbiology, 2015, 81, 7969-7980.	1.4	3
42	The complete methylome of <i>Helicobacter pylori</i> UM032. BMC Genomics, 2015, 16, 424.	1.2	57
43	Phase-variable restriction/modification systems are required for <i>Helicobacter pylori</i> colonization. Gut Pathogens, 2014, 6, 35.	1.6	23
44	Comparative Analysis of the Full Genome of <i>Helicobacter pylori</i> Isolate Sahul64 Identifies Genes of High Divergence. Journal of Bacteriology, 2014, 196, 1073-1083.	1.0	25
45	<i>Helicobacter pylori</i> Diagnostics and Treatment: Could a Lack of Universal Consensus Be the Best Consensus?. Clinical Chemistry, 2014, 60, 589-594.	1.5	11
46	A mutation burst during the acute phase of <i>Helicobacter pylori</i> infection in humans and rhesus macaques. Nature Communications, 2014, 5, 4165.	5.8	81
47	<i>Helicobacter pylori</i> : what does it taste like?. Medical Journal of Australia, 2014, 201, 22-22.	0.8	5
48	Development of a Tetracycline-Inducible Gene Expression System for the Study of <i>Helicobacter pylori</i> Pathogenesis. Applied and Environmental Microbiology, 2013, 79, 7351-7359.	1.4	14
49	Comparing the genomes of <i>Helicobacter pylori</i> clinical strain UM032 and Mice-adapted derivatives. Gut Pathogens, 2013, 5, 25.	1.6	13
50	Choosing a Benchtop Sequencing Machine to Characterise <i>Helicobacter pylori</i> Genomes. PLoS ONE, 2013, 8, e67539.	1.1	22
51	<i>Helicobacter pylori</i> Genomic Microevolution during Naturally Occurring Transmission between Adults. PLoS ONE, 2013, 8, e82187.	1.1	30
52	Xer Recombinase and Genome Integrity in <i>Helicobacter pylori</i> , a Pathogen without Topoisomerase IV. PLoS ONE, 2012, 7, e33310.	1.1	24
53	Xer ϵ ise in <i>Helicobacter pylori</i> : One-step Transformation for the Construction of Markerless Gene Deletions. Helicobacter, 2012, 17, 435-443.	1.6	22
54	<i>Helicobacter pylori</i> eradication in Western Australia using novel quadruple therapy combinations. Alimentary Pharmacology and Therapeutics, 2012, 36, 1076-1083.	1.9	63

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55	Did transmission of <i>Helicobacter pylori</i> from humans cause a disease outbreak in a colony of Stripe-faced Dunnarts (<i>Sminthopsis macroura</i>)?. <i>Veterinary Research</i> , 2011, 42, 26.	1.1	4
56	<i>Helicobacter pylori</i> Infections. , 2011, , 167-173.		13
57	Expression of the BabA Adhesin during Experimental Infection with <i>Helicobacter pylori</i> . <i>Infection and Immunity</i> , 2010, 78, 1593-1600.	1.0	86
58	Surface Properties of <i>Helicobacter pylori</i> Urease Complex Are Essential for Persistence. <i>PLoS ONE</i> , 2010, 5, e15042.	1.1	49
59	The secreted <i>Helicobacter</i> cysteine-rich protein A causes adherence of human monocytes and differentiation into a macrophage-like phenotype. <i>FEBS Letters</i> , 2009, 583, 1637-1643.	1.3	38
60	The Peopling of the Pacific from a Bacterial Perspective. <i>Science</i> , 2009, 323, 527-530.	6.0	284
61	Sequential Therapy for <i>Helicobacter pylori</i> : A Worthwhile Effort for Your Patients. <i>Annals of Internal Medicine</i> , 2008, 148, 962.	2.0	22
62	<i>Helicobacter Pylori</i> : A Nobel Pursuit?. <i>Canadian Journal of Gastroenterology & Hepatology</i> , 2008, 22, 895-896.	1.8	35
63	<i>Helicobacter pylori</i> -the latest in diagnosis and treatment. <i>Australian Family Physician</i> , 2008, 37, 608-12.	0.5	24
64	USE OF A MINNESOTA TUBE TO TAMPONADE BLEEDING FROM AN ILEORECTAL ANASTOMOSIS. <i>ANZ Journal of Surgery</i> , 2007, 77, 916-917.	0.3	3
65	<i>Helicobacter pylori</i> as a Vaccine Delivery System. <i>Helicobacter</i> , 2007, 12, 75-79.	1.6	11
66	<i>Helicobacter pylori</i> : present status and future prospects in Japan. <i>Journal of Gastroenterology</i> , 2007, 42, 1-15.	2.3	142
67	Overview: <i>Helicobacter pylori</i> and Extragastric Disease. <i>International Journal of Hematology</i> , 2006, 84, 291-300.	0.7	41
68	<i>Helicobacter</i> Connections. <i>ChemMedChem</i> , 2006, 1, 783-802.	1.6	42
69	Commentary: A unifying mathematical hypothesis for the epidemiology of <i>Helicobacter</i> -associated diseases" plurality should not be assumed without necessity. <i>International Journal of Epidemiology</i> , 2006, 35, 1097-1098.	0.9	3
70	Methodology and Transport Medium for Collection of <i>Helicobacter pylori</i> on a String Test in Remote Locations. <i>Helicobacter</i> , 2005, 10, 630-634.	1.6	13
71	CURE RATE OF HIGH DOSE OMEPRAZOLE and AMOXICILLIN THERAPY FOR TREATMENT-RESISTANT <i>HELICOBACTER PYLORI</i> INFECTION. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2005, 20, 663-664.	1.4	6
72	Prevalence of <i>Helicobacter pylori</i> in Indigenous Western Australians: comparison between urban and remote rural populations. <i>Medical Journal of Australia</i> , 2005, 182, 210-213.	0.8	52

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73	Prevalence of <i>Helicobacter pylori</i> in Indigenous Western Australians: comparison between urban and remote rural populations. <i>Medical Journal of Australia</i> , 2005, 182, 544-544.	0.8	0
74	The Lasker Awards: Celebrating Scientific Discovery. <i>JAMA - Journal of the American Medical Association</i> , 2005, 294, 1420.	3.8	3
75	Identifying cloned <i>Helicobacter pylori</i> promoters by primer extension using a FAM-labelled primer and GeneScan [®] analysis. <i>Journal of Microbiological Methods</i> , 2005, 60, 291-298.	0.7	49
76	The relation of <i>Helicobacter pylori</i> to gastric adenocarcinoma and lymphoma: pathophysiology, epidemiology, screening, clinical presentation, treatment, and prevention. <i>Medical Clinics of North America</i> , 2005, 89, 313-344.	1.1	122
77	Prevalence of <i>Helicobacter pylori</i> in Indigenous Western Australians: comparison between urban and remote rural populations. <i>Medical Journal of Australia</i> , 2005, 182, 210-3.	0.8	9
78	Management issues in dyspepsia: current consensus and controversies. <i>Scandinavian Journal of Gastroenterology</i> , 2004, 39, 913-918.	0.6	20
79	Human recombinant lactoferrin is ineffective in the treatment of human <i>Helicobacter pylori</i> infection. <i>Alimentary Pharmacology and Therapeutics</i> , 2003, 17, 125-129.	1.9	27
80	Nitazoxanide in Treatment of <i>Helicobacter pylori</i> : a Clinical and In Vitro Study. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 3780-3783.	1.4	35
81	<i>Helicobacter pylori</i> : past, present and future.. <i>Keio Journal of Medicine</i> , 2003, 52, 80-85.	0.5	20
82	Commentary: <i>Helicobacter</i> as the "environmental factor"™ in Susser and Stein's cohort theory of peptic ulcer disease. <i>International Journal of Epidemiology</i> , 2002, 31, 21-22.	0.9	20
83	<i>Helicobacter pylori</i> : 20 years on. <i>Clinical Medicine</i> , 2002, 2, 147-152.	0.8	127
84	Evaluation of a new formulation CLOtest. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2002, 17, 127-130.	1.4	11
85	Gastric spirochaetes: 100 years of discovery before and after Kobayashi. <i>Keio Journal of Medicine</i> , 2002, 51, 33-37.	0.5	6
86	The quality of care for medicare patients with peptic ulcer disease. <i>American Journal of Gastroenterology</i> , 2000, 95, 106-113.	0.2	33
87	Accurate Diagnosis of <i>Helicobacter pylori</i> . <i>Gastroenterology Clinics of North America</i> , 2000, 29, 871-878.	1.0	95
88	How to Treat <i>Helicobacter pylori</i> . <i>Gastroenterology Clinics of North America</i> , 2000, 29, 759-773.	1.0	51
89	Accurate Diagnosis of <i>Helicobacter pylori</i> . <i>Gastroenterology Clinics of North America</i> , 2000, 29, 853-862.	1.0	46
90	GASTRITIS AND GASTRIC CANCER. <i>Gastroenterology Clinics of North America</i> , 2000, 29, 579-592.	1.0	91

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91	Culture of <i>Helicobacter pylori</i> from a Gastric String May Be an Alternative to Endoscopic Biopsy. <i>Journal of Clinical Microbiology</i> , 2000, 38, 2438-2439.	1.8	1
92	Culture of <i>Helicobacter pylori</i> from a Gastric String May Be an Alternative to Endoscopic Biopsy. <i>Journal of Clinical Microbiology</i> , 2000, 38, 2438-2439.	1.8	25
93	WHEN HELICOBACTER PYLORY (HP) FAILS WHAT TO DO NEXT?. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2000, 15, H21-H21.	1.4	1
94	Practical advice on eradicating <i>Helicobacter pylori</i> infection. <i>Postgraduate Medicine</i> , 1999, 105, 137-148.	0.9	9
95	Recognizing peptic ulcer disease. <i>Postgraduate Medicine</i> , 1999, 105, 113-133.	0.9	7
96	Oral fluid antibody detection in the diagnosis of <i>Helicobacter pylori</i> infection. <i>Journal of Medical Microbiology</i> , 1999, 48, 1043-1046.	0.7	23
97	Usefulness of Serological IgG Antibody Determinations for Confirming Eradication of <i>Helicobacter Pylori</i> Infection. <i>American Journal of Gastroenterology</i> , 1999, 94, 2105-2108.	0.2	37
98	Scope and consequences of peptic ulcer disease. <i>Postgraduate Medicine</i> , 1999, 105, 100-110.	0.9	18
99	NSAIDs and <i>Helicobacter pylori</i> : therapeutic options. <i>Lancet, The</i> , 1998, 352, 1001-1003.	6.3	13
100	Proposed link between <i>Helicobacter pylori</i> and sudden infant death syndrome. <i>Medical Hypotheses</i> , 1997, 49, 365-369.	0.8	34
101	Peptic ulcer disease. <i>Postgraduate Medicine</i> , 1997, 102, 158-164.	0.9	1
102	Long-term follow-up of gastric histology after <i>Helicobacter pylori</i> eradication. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 1996, 11, 670-673.	1.4	101
103	<i>Helicobacter pylori</i> in Peptic Ulcer: Have Koch's Postulates Been Fulfilled?. <i>Annals of Medicine</i> , 1995, 27, 565-568.	1.5	66
104	<i>Helicobacter pylori</i> Infections. , 1995, , 300-309.		1
105	Duodenal ulcer treated with <i>Helicobacter pylori</i> eradication: seven-year follow-up. <i>Lancet, The</i> , 1994, 343, 258-260.	6.3	321
106	Bismuth subsalicylate suppression of <i>Helicobacter pylori</i> in nonulcer dyspepsia: A double-blind placebo-controlled trial. <i>Digestive Diseases and Sciences</i> , 1993, 38, 1674-1680.	1.1	46
107	The Role of <i>Helicobacter pylori</i> in Acid-Peptic Disease. <i>American Journal of the Medical Sciences</i> , 1993, 306, 381-392.	0.4	49
108	TREATMENT STRATEGIES FOR HELICOBACTER PYLORI INFECTION. <i>Gastroenterology Clinics of North America</i> , 1993, 22, 183-198.	1.0	56

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109	III. Virulence and pathogenicity of <i>Helicobacter pylori</i> . Journal of Gastroenterology and Hepatology (Australia), 1991, 6, 121-124.	1.4	61
110	Public Health Effects of Occupational and Environmental Radiation Exposure. JAMA - Journal of the American Medical Association, 1991, 266, 653.	3.8	0
111	<i>Campylobacter pylori</i> Colonizing <i>Heterotopic Gastric Tissue in the Rectum</i> . American Journal of Clinical Pathology, 1990, 93, 144-147.	0.4	54
112	<i>Campylobacter pylori</i> : Its Link to Gastritis and Peptic Ulcer Disease. Clinical Infectious Diseases, 1990, 12, S87-S93.	2.9	78
113	<i>Campylobacter pylori</i> infection: diagnosis and therapy. Medical Journal of Australia, 1989, 151, 426-427.	0.8	6
114	Ultrastructure of another spiral organism associated with human gastritis. Digestive Diseases and Sciences, 1989, 34, 1787-1791.	1.1	51
115	Possible role of <i>Campylobacter pylori</i> in idiopathic hyperammonemia. American Journal of Medicine, 1989, 87, 249.	0.6	1
116	Antimicrobial therapy of duodenal ulcer? Hold off for now!. Gastroenterology, 1989, 97, 510.	0.6	2
117	Antibacterial Action of Bismuth in Relation to <i>Campylobacter pyloridis</i> ; Colonization and Gastritis. Digestion, 1987, 37, 16-30.	1.2	171
118	Enzyme-Linked Immunosorbent Assay for <i>Campylobacter pyloridis</i> : Correlation with Presence of <i>C. pyloridis</i> in the Gastric Mucosa. Journal of Infectious Diseases, 1987, 155, 488-494.	1.9	214
119	Peptic Ulcer: An Infectious Disease?. Hospital Practice (1995), 1987, 22, 87-96.	0.5	10
120	<i>Campylobacter pyloridis</i> and Gastritis. Journal of Infectious Diseases, 1986, 153, 650-657.	1.9	228
121	Attempt to fulfil Koch's postulates for pyloric <i>Campylobacter</i> . Medical Journal of Australia, 1985, 142, 436-439.	0.8	1,213
122	Pyloric <i>Campylobacter</i> infection and gastroduodenal disease. Medical Journal of Australia, 1985, 142, 439-444.	0.8	606
123	Nervous dyspepsia. Medical Journal of Australia, 1985, 142, 704-704.	0.8	4
124	The pathogenesis of non-ulcer dyspepsia. Medical Journal of Australia, 1985, 143, 319-319.	0.8	18
125	UNIDENTIFIED CURVED BACILLI ON GASTRIC EPITHELIUM IN ACTIVE CHRONIC GASTRITIS. Lancet, The, 1983, 321, 1273-1275.	6.3	1,625
126	One Hundred Years of Discovery and Rediscovery of <i>Helicobacter pylori</i> and Its Association with Peptic Ulcer Disease. , 0, , 19-24.		22

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127	Persistence of Helicobacter pylori Infection: Genetic and Epigenetic Diversity. , 0, , .		2