

# Barry James Marshall

## List of Publications by Year in descending order

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127  
papers

8,066  
citations

87888

38  
h-index

49909

87  
g-index

140  
all docs

140  
docs citations

140  
times ranked

5068  
citing authors

#	ARTICLE	IF	CITATIONS
1	UNIDENTIFIED CURVED BACILLI ON GASTRIC EPITHELIUM IN ACTIVE CHRONIC GASTRITIS. Lancet, The, 1983, 321, 1273-1275.	13.7	1,625
2	Attempt to fulfil Koch's postulates for pyloric Campylobacter. Medical Journal of Australia, 1985, 142, 436-439.	1.7	1,213
3	Pyloric Campylobacter infection and gastroduodenal disease. Medical Journal of Australia, 1985, 142, 439-444.	1.7	606
4	Duodenal ulcer treated with Helicobacter pylori eradication: seven-year follow-up. Lancet, The, 1994, 343, 258-260.	13.7	321
5	The Peopling of the Pacific from a Bacterial Perspective. Science, 2009, 323, 527-530.	12.6	284
6	Campylobacter pyloridis and Gastritis. Journal of Infectious Diseases, 1986, 153, 650-657.	4.0	228
7	Enzyme-Linked Immunosorbent Assay for Campylobacter pyloridis: Correlation with Presence of C. pyloridis in the Gastric Mucosa. Journal of Infectious Diseases, 1987, 155, 488-494.	4.0	214
8	Antibacterial Action of Bismuth in Relation to &lt;i>Campylobacter pyloridis&lt;/i>; Colonization and Gastritis. Digestion, 1987, 37, 16-30.	2.3	171
9	Helicobacter pylori: present status and future prospects in Japan. Journal of Gastroenterology, 2007, 42, 1-15.	5.1	142
10	&lt;i>Helicobacter pylori&lt;/i>: 20 years on. Clinical Medicine, 2002, 2, 147-152.	1.9	127
11	The relation of Helicobacter pylori to gastric adenocarcinoma and lymphoma: pathophysiology, epidemiology, screening, clinical presentation, treatment, and prevention. Medical Clinics of North America, 2005, 89, 313-344.	2.5	122
12	Long-term follow-up of gastric histology after &lt;i>Helicobacter pylori&lt;/i> eradication. Journal of Gastroenterology and Hepatology (Australia), 1996, 11, 670-673.	2.8	101
13	Accurate Diagnosis of Helicobacter pylori. Gastroenterology Clinics of North America, 2000, 29, 871-878.	2.2	95
14	GASTRITIS AND GASTRIC CANCER. Gastroenterology Clinics of North America, 2000, 29, 579-592.	2.2	91
15	Expression of the BabA Adhesin during Experimental Infection with &lt;i>Helicobacter pylori&lt;/i>. Infection and Immunity, 2010, 78, 1593-1600.	2.2	86
16	&lt;i>Helicobacter pylori&lt;/i> VacA, a distinct toxin exerts diverse functionalities in numerous cells: An overview. Helicobacter, 2019, 24, e12544.	3.5	83
17	A mutation burst during the acute phase of Helicobacter pylori infection in humans and rhesus macaques. Nature Communications, 2014, 5, 4165.	12.8	81
18	Campylobacter pylori: Its Link to Gastritis and Peptic Ulcer Disease. Clinical Infectious Diseases, 1990, 12, S87-S93.	5.8	78

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19	<i>Helicobacter pylori</i> Peptic Ulcer: Have Koch's Postulates Been Fulfilled?. <i>Annals of Medicine</i> , 1995, 27, 565-568.	3.8	66
20	<i>Helicobacter pylori</i> gene silencing in vivo demonstrates urease is essential for chronic infection. <i>PLoS Pathogens</i> , 2017, 13, e1006464.	4.7	64
21	<i>Helicobacter pylori</i> eradication in Western Australia using novel quadruple therapy combinations. <i>Alimentary Pharmacology and Therapeutics</i> , 2012, 36, 1076-1083.	3.7	63
22	Lipopolysaccharide Structure and Biosynthesis in <i>Helicobacter pylori</i> . <i>Helicobacter</i> , 2016, 21, 445-461.	3.5	63
23	III. Virulence and pathogenicity of <i>Helicobacter pylori</i> . <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 1991, 6, 121-124.	2.8	61
24	The complete methylome of <i>Helicobacter pylori</i> UM032. <i>BMC Genomics</i> , 2015, 16, 424.	2.8	57
25	TREATMENT STRATEGIES FOR <i>HELICOBACTER PYLORI</i> INFECTION. <i>Gastroenterology Clinics of North America</i> , 1993, 22, 183-198.	2.2	56
26	<i>Campylobacter pylori</i> Colonizing Heterotopic Gastric Tissue in the Rectum. <i>American Journal of Clinical Pathology</i> , 1990, 93, 144-147.	0.7	54
27	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.	1.7	52
28	Ultrastructure of another spiral organism associated with human gastritis. <i>Digestive Diseases and Sciences</i> , 1989, 34, 1787-1791.	2.3	51
29	How to Treat <i>Helicobacter pylori</i> . <i>Gastroenterology Clinics of North America</i> , 2000, 29, 759-773.	2.2	51
30	The Role of <i>Helicobacter pylori</i> in Acid-Peptic Disease. <i>American Journal of the Medical Sciences</i> , 1993, 306, 381-392.	1.1	49
31	Identifying cloned <i>Helicobacter pylori</i> promoters by primer extension using a FAM-labelled primer and GeneScan <sup>®</sup> analysis. <i>Journal of Microbiological Methods</i> , 2005, 60, 291-298.	1.6	49
32	Surface Properties of <i>Helicobacter pylori</i> Urease Complex Are Essential for Persistence. <i>PLoS ONE</i> , 2010, 5, e15042.	2.5	49
33	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.	2.3	46
34	Accurate Diagnosis of <i>Helicobacter pylori</i> . <i>Gastroenterology Clinics of North America</i> , 2000, 29, 853-862.	2.2	46
35	<i>Helicobacter pylori</i> infection as a protective factor against multiple sclerosis risk in females. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 603-607.	1.9	46
36	<i>Helicobacter</i> Connections. <i>ChemMedChem</i> , 2006, 1, 783-802.	3.2	42

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37	Overview: Helicobacter pylori and Extragastric Disease. International Journal of Hematology, 2006, 84, 291-300.	1.6	41
38	The secreted Helicobacter cysteine-rich protein A causes adherence of human monocytes and differentiation into a macrophage-like phenotype. FEBS Letters, 2009, 583, 1637-1643.	2.8	38
39	Usefulness of Serological Igg Antibody Determinations for Confirming Eradication of Helicobacter Pylori Infection. American Journal of Gastroenterology, 1999, 94, 2105-2108.	0.4	37
40	Divergence between the Highly Virulent Zoonotic Pathogen Helicobacter heilmannii and Its Closest Relative, the Low-Virulence Helicobacter ailurogastricus sp. nov. Infection and Immunity, 2016, 84, 293-306.	2.2	37
41	Advances in Acoustic Signal Processing Techniques for Enhanced Bowel Sound Analysis. IEEE Reviews in Biomedical Engineering, 2019, 12, 240-253.	18.0	36
42	Comparative Genomics Revealed Multiple Helicobacter pylori Genes Associated with Biofilm Formation In Vitro. PLoS ONE, 2016, 11, e0166835.	2.5	36
43	Nitazoxanide in Treatment of Helicobacter pylori: a Clinical and In Vitro Study. Antimicrobial Agents and Chemotherapy, 2003, 47, 3780-3783.	3.2	35
44	Helicobacter Pylori: A Nobel Pursuit?. Canadian Journal of Gastroenterology & Hepatology, 2008, 22, 895-896.	1.7	35
45	Proposed link between Helicobacter pylori and sudden infant death syndrome. Medical Hypotheses, 1997, 49, 365-369.	1.5	34
46	The quality of care for medicare patients with peptic ulcer disease. American Journal of Gastroenterology, 2000, 95, 106-113.	0.4	33
47	The redefinition of Helicobacter pylori lipopolysaccharide O-antigen and core-oligosaccharide domains. PLoS Pathogens, 2017, 13, e1006280.	4.7	33
48	Helicobacter pylori Genomic Microevolution during Naturally Occurring Transmission between Adults. PLoS ONE, 2013, 8, e82187.	2.5	30
49	Human recombinant lactoferrin is ineffective in the treatment of human Helicobacter pylori infection. Alimentary Pharmacology and Therapeutics, 2003, 17, 125-129.	3.7	27
50	The potential of computerised analysis of bowel sounds for diagnosis of gastrointestinal conditions: a systematic review. Systematic Reviews, 2018, 7, 124.	5.3	27
51	Comparative Analysis of the Full Genome of Helicobacter pylori Isolate Sahul64 Identifies Genes of High Divergence. Journal of Bacteriology, 2014, 196, 1073-1083.	2.2	25
52	Culture of Helicobacter pylori from a Gastric String May Be an Alternative to Endoscopic Biopsy. Journal of Clinical Microbiology, 2000, 38, 2438-2439.	3.9	25
53	Xer Recombinase and Genome Integrity in Helicobacter pylori, a Pathogen without Topoisomerase IV. PLoS ONE, 2012, 7, e33310.	2.5	24
54	Comparative genomic analysis of Helicobacter pylori from Malaysia identifies three distinct lineages suggestive of differential evolution. Nucleic Acids Research, 2015, 43, 324-335.	14.5	24

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55	Helicobacter pylori--the latest in diagnosis and treatment. Australian Family Physician, 2008, 37, 608-12.	0.5	24
56	Oral fluid antibody detection in the diagnosis of Helicobacter pylori infection. Journal of Medical Microbiology, 1999, 48, 1043-1046.	1.8	23
57	Phase-variable restriction/modification systems are required for Helicobacter pylori colonization. Gut Pathogens, 2014, 6, 35.	3.4	23
58	Understanding protein glycosylation pathways in bacteria. Future Microbiology, 2017, 12, 59-72.	2.0	23
59	Sequential Therapy for Helicobacter pylori: A Worthwhile Effort for Your Patients. Annals of Internal Medicine, 2008, 148, 962.	3.9	22
60	XerC recombination in Helicobacter pylori: One-step Transformation for the Construction of Markerless Gene Deletions. Helicobacter, 2012, 17, 435-443.	3.5	22
61	One Hundred Years of Discovery and Rediscovery of Helicobacter pylori and Its Association with Peptic Ulcer Disease. , 0, , 19-24.		22
62	Bowel Sounds Identification and Migrating Motor Complex Detection with Low-Cost Piezoelectric Acoustic Sensing Device. Sensors, 2018, 18, 4240.	3.8	22
63	Choosing a Benchtop Sequencing Machine to Characterise Helicobacter pylori Genomes. PLoS ONE, 2013, 8, e67539.	2.5	22
64	East-Asian Helicobacter pylori strains synthesize heptan-deficient lipopolysaccharide. PLoS Genetics, 2019, 15, e1008497.	3.5	21
65	Commentary: Helicobacter as the "environmental factor" in Susser and Stein's cohort theory of peptic ulcer disease. International Journal of Epidemiology, 2002, 31, 21-22.	1.9	20
66	Helicobacter pylori: past, present and future.. Keio Journal of Medicine, 2003, 52, 80-85.	1.1	20
67	Management issues in dyspepsia: current consensus and controversies. Scandinavian Journal of Gastroenterology, 2004, 39, 913-918.	1.5	20
68	Noninvasive Diagnosis of Irritable Bowel Syndrome via Bowel Sound Features: Proof of Concept. Clinical and Translational Gastroenterology, 2019, 10, e00017.	2.5	19
69	The pathogenesis of non-ulcer dyspepsia. Medical Journal of Australia, 1985, 143, 319-319.	1.7	18
70	Scope and consequences of peptic ulcer disease. Postgraduate Medicine, 1999, 105, 100-110.	2.0	18
71	Helicobacter pylori infection is an infectious disease and the empiric therapy paradigm should be changed. Precision Clinical Medicine, 2019, 2, 77-80.	3.3	18
72	Analysis of core protein clusters identifies candidate variable sites conferring metronidazole resistance in Helicobacter pylori. Gastroenterology Report, 2019, 7, 42-49.	1.3	18

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73	Rapid measurement of urease activity using a potentiometric RuO <sub>2</sub> pH sensor for detection of <i>Helicobacter pylori</i> . <i>Sensors and Actuators B: Chemical</i> , 2017, 242, 1305-1308.	7.8	17
74	Need for standardization and harmonization of <i>Helicobacter pylori</i> antimicrobial susceptibility testing. <i>Helicobacter</i> , 2022, 27, e12873.	3.5	17
75	Development of a Tetracycline-Inducible Gene Expression System for the Study of <i>Helicobacter pylori</i> Pathogenesis. <i>Applied and Environmental Microbiology</i> , 2013, 79, 7351-7359.	3.1	14
76	Development of a bowel sound detector adapted to demonstrate the effect of food intake. <i>BioMedical Engineering OnLine</i> , 2022, 21, 1.	2.7	14
77	NSAIDs and <i>Helicobacter pylori</i> : therapeutic options. <i>Lancet, The</i> , 1998, 352, 1001-1003.	13.7	13
78	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.	3.5	13
79	<i>Helicobacter pylori</i> Infections. , 2011, , 167-173.		13
80	Comparing the genomes of <i>Helicobacter pylori</i> clinical strain UM032 and Mice-adapted derivatives. <i>Gut Pathogens</i> , 2013, 5, 25.	3.4	13
81	<p>Structural, biomechanical and hemodynamic assessment of the bladder wall in healthy subjects</p>. <i>Research and Reports in Urology</i> , 2019, Volume 11, 233-245.	1.0	13
82	Mutations of <i>Helicobacter pylori</i> RdxA are mainly related to the phylogenetic origin of the strain and not to metronidazole resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3152-3155.	3.0	13
83	A mathematical model of bowel sound generation. <i>Journal of the Acoustical Society of America</i> , 2018, 144, EL485-EL491.	1.1	12
84	Primary antibiotic resistance of <i>Helicobacter pylori</i> among a Chinese Tibetan population. <i>Future Microbiology</i> , 2020, 15, 1353-1361.	2.0	12
85	Evaluation of a new formulation CLOtest. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2002, 17, 127-130.	2.8	11
86	<i>Helicobacter pylori</i> as a Vaccine Delivery System. <i>Helicobacter</i> , 2007, 12, 75-79.	3.5	11
87	<i>Helicobacter pylori</i> Diagnostics and Treatment: Could a Lack of Universal Consensus Be the Best Consensus?. <i>Clinical Chemistry</i> , 2014, 60, 589-594.	3.2	11
88	Peptic Ulcer: An Infectious Disease?. <i>Hospital Practice (1995)</i> , 1987, 22, 87-96.	1.0	10
89	Practical advice on eradicating <i>Helicobacter pylori</i> infection. <i>Postgraduate Medicine</i> , 1999, 105, 137-148.	2.0	9
90	Lipopolysaccharide Structural Differences between Western and Asian <i>Helicobacter pylori</i> Strains. <i>Toxins</i> , 2018, 10, 364.	3.4	9

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91	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.	2.5	9
92	Gastric <i>Helicobacter pylori</i> infection perturbs human oral microbiota. PeerJ, 2019, 7, e6336.	2.0	9
93	Prevalence of <i>Helicobacter pylori</i> in Indigenous Western Australians: comparison between urban and remote rural populations. Medical Journal of Australia, 2005, 182, 210-3.	1.7	9
94	Quantum changes in <i>Helicobacter pylori</i> gene expression accompany host-adaptation. DNA Research, 2017, 24, dsw046.	3.4	8
95	Susceptibility-guided bismuth quadruple therapies for resistant <i>Helicobacter pylori</i> infections. Precision Clinical Medicine, 2020, 3, 127-135.	3.3	8
96	Recognizing peptic ulcer disease. Postgraduate Medicine, 1999, 105, 113-133.	2.0	7
97	Insights from the redefinition of <i>Helicobacter pylori</i> lipopolysaccharide O-antigen and core-oligosaccharide domains. Microbial Cell, 2017, 4, 175-178.	3.2	7
98	<i>Campylobacter pylori</i> infection: diagnosis and therapy. Medical Journal of Australia, 1989, 151, 426-427.	1.7	6
99	CURE RATE OF HIGH DOSE OMEPRAZOLE and AMOXICILLIN THERAPY FOR TREATMENT-RESISTANT HELICOBACTER PYLORI INFECTION. Journal of Gastroenterology and Hepatology (Australia), 2005, 20, 663-664.	2.8	6
100	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.	3.1	6
101	A re-testing range is recommended for 13C- and 14C-urea breath tests for <i>Helicobacter pylori</i> infection in China. Gut Pathogens, 2021, 13, 38.	3.4	6
102	Gastric spirochaetes: 100 years of discovery before and after Kobayashi. Keio Journal of Medicine, 2002, 51, 33-37.	1.1	6
103	The complete genome and methylome of <i>Helicobacter pylori</i> hpNEAfrica strain HP14039. Gut Pathogens, 2019, 11, 7.	3.4	5
104	<i>Helicobacter pylori</i> : what does it taste like?. Medical Journal of Australia, 2014, 201, 22-22.	1.7	5
105	Nervous dyspepsia. Medical Journal of Australia, 1985, 142, 704-704.	1.7	4
106	Did transmission of <i>Helicobacter pylori</i> from humans cause a disease outbreak in a colony of Stripe-faced Dunnarts ( <i>Sminthopsis macroura</i> )?. Veterinary Research, 2011, 42, 26.	3.0	4
107	<i>Helicobacter pylori</i> overcomes natural immunity in repeated infections. Clinical Case Reports (discontinued), 2016, 4, 1026-1033.	0.5	4
108	<i>Helicobacter pylori</i> infection induced genome instability and gastric cancer. Genome Instability & Disease, 2020, 1, 129-142.	1.1	4

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109	Prevalence and risk factors of <i>Helicobacter pylori</i> infection among children in Kuichong Subdistrict of Shenzhen City, China. PeerJ, 2020, 8, e8878.	2.0	4
110	The Lasker Awards: Celebrating Scientific Discovery. JAMA - Journal of the American Medical Association, 2005, 294, 1420.	7.4	3
111	Commentary: A unifying mathematical hypothesis for the epidemiology of Helicobacter-associated diseasesâ€™ plurality should not be assumed without necessity. International Journal of Epidemiology, 2006, 35, 1097-1098.	1.9	3
112	USE OF A MINNESOTA TUBE TO TAMPONADE BLEEDING FROM AN ILEORECTAL ANASTOMOSIS. ANZ Journal of Surgery, 2007, 77, 916-917.	0.7	3
113	Expansion of the Tetracycline-Dependent Regulation Toolbox for Helicobacter pylori. Applied and Environmental Microbiology, 2015, 81, 7969-7980.	3.1	3
114	Tu2017 - Non-Invasive Diagnosis of Irritable Bowel Syndrome via Novel Bowel Sound Features: Proof of Principle. Gastroenterology, 2018, 154, S-1370-S-1371.	1.3	3
115	Antimicrobial therapy of duodenal ulcer? Hold off for now!. Gastroenterology, 1989, 97, 510.	1.3	2
116	Persistence of Helicobacter pylori Infection: Genetic and Epigenetic Diversity. , 0, , .		2
117	Helicobacter pylori associated â€™lymphocytic gastritisâ€™ unravelled. Pathology, 2016, 48, S126.	0.6	2
118	Possible role of Campylobacter pylori in idiopathic hyperammonemia. American Journal of Medicine, 1989, 87, 249.	1.5	1
119	Peptic ulcer disease. Postgraduate Medicine, 1997, 102, 158-164.	2.0	1
120	Actual and estimated adenoma detection rates: a 2â€™year monocentric colonoscopic screening outcome in Shenzhen, China. JGH Open, 2020, 4, 707-712.	1.6	1
121	Helicobacteriology update. Microbiology Australia, 2021, 42, 92-95.	0.4	1
122	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.	3.3	1
123	Culture of Helicobacter pylori from a Gastric String May Be an Alternative to Endoscopic Biopsy. Journal of Clinical Microbiology, 2000, 38, 2438-2439.	3.9	1
124	WHEN HELICOBACTER PYLORY (HP) FAILS WHAT TO DO NEXT?. Journal of Gastroenterology and Hepatology (Australia), 2000, 15, H21-H21.	2.8	1
125	Helicobacter pylori Infections. , 1995, , 300-309.		1
126	Public Health Effects of Occupational and Environmental Radiation Exposure. JAMA - Journal of the American Medical Association, 1991, 266, 653.	7.4	0



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127	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.	1.7	0