David R Scott

List of Publications by Year
in descending order

43 papers	2,882 citations	236925 25 h-index	289244 40 g-index
43 all docs	43 docs citations	43 times ranked	2213 citing authors

#	Article	IF	Citations
1	Data-sharing practices in publications funded by the Canadian Institutes of Health Research: a descriptive analysis. CMAJ Open, 2021, 9, E980-E987.	2.4	6
2	Acidâ€regulated gene expression of Helicobacter pylori: Insight into acid protection and gastric colonization. Helicobacter, 2018, 23, e12490.	3.5	21
3	Measurement of Internal pH in Helicobacter pylori by Using Green Fluorescent Protein Fluorimetry. Journal of Bacteriology, 2018, 200, .	2.2	6
4	Treatment of Peptic Ulcer Disease: Yesterday, today and tomorrow. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY51-1.	0.0	0
5	The Gastric and Intestinal Microbiome: Role of Proton Pump Inhibitors. Current Gastroenterology Reports, 2017, 19, 42.	2.5	80
6	The role of acid inhibition in Helicobacter pylori eradication. F1000Research, 2016, 5, 1747.	1.6	33
7	Vonoprazan: MarKed Competition for PPIs?. Digestive Diseases and Sciences, 2016, 61, 1783-1784.	2.3	5
8	Eradication of Helicobacter pylori Infection. Current Gastroenterology Reports, 2016, 18, 33.	2.5	34
9	Phosphorylationâ€dependent and Phosphorylationâ€independent Regulation of <scp>H</scp>elicobacter pylori Acid Acclimation by the Ars<scp>RS</scp> Twoâ€component System. Helicobacter, 2016, 21, 69-81.	3.5	22
10	Septin oligomerization regulates persistent expression of ErbB2/HER2Âin gastric cancer cells. Biochemical Journal, 2016, 473, 1703-1718.	3.7	25
11	Gastric Colonization by H. pylori. , 2016, , 23-34.		8
12	Gastric Acid-Dependent Diseases: A Twentieth-Century Revolution. Digestive Diseases and Sciences, 2014, 59, 1358-1369.	2.3	26
13	Helicobacter pyloriimpedes acid-induced tightening of gastric epithelial junctions. American Journal of Physiology - Renal Physiology, 2013, 305, G731-G739.	3.4	21
14	The Role of <scp>E</scp>xb<scp>D</scp> in Periplasmic <scp>pH</scp> Homeostasis in <scp>H</scp>elicobacter pylori. Helicobacter, 2013, 18, 363-372.	3.5	15
15	Role of the Helicobacter pylori Sensor Kinase ArsS in Protein Trafficking and Acid Acclimation. Journal of Bacteriology, 2012, 194, 5545-5551.	2.2	22
16	The Role of the NMDA Receptor in Helicobacter pyloriâ€“Induced Gastric Damage. Gastroenterology, 2011, 141, 1967-1969.	1.3	3
17	Gastric Infection by Helicobacter pylori. Current Gastroenterology Reports, 2011, 13, 540-546.	2.5	87
18	Acis-Encoded Antisense Small RNA Regulated by the HP0165-HP0166 Two-Component System Controls Expression ofureBinHelicobacter pylori. Journal of Bacteriology, 2011, 193, 40-51.	2.2	40

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19	Cytoplasmic Histidine Kinase (HP0244)-Regulated Assembly of Urease with UreI, a Channel for Urea and Its Metabolites, CO ₂ , NH ₃ , and NH ₄ ⁺ , Is Necessary for Acid Survival of Helicobacter pylori. Journal of Bacteriology, 2010, 192, 94-103.	2.2	65
20	The pH-Responsive Regulon of HP0244 (FlgS), the Cytoplasmic Histidine Kinase of Helicobacter pylori. Journal of Bacteriology, 2009, 191, 449-460.	2.2	44
21	Gastric infection by Helicobacter pylori. Current Gastroenterology Reports, 2009, 11, 455-461.	2.5	21
22	Gene expression in vivo shows that Helicobacter pylori colonizes an acidic niche on the gastric surface. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7235-7240.	7.1	109
23	The HP0165-HP0166 Two-Component System (ArsRS) Regulates Acid-Induced Expression of HP1186 Î±-Carbonic Anhydrase in Helicobacter pylori by Activating the pH-Dependent Promoter. Journal of Bacteriology, 2007, 189, 2426-2434.	2.2	50
24	Involvement of the HP0165-HP0166 Two-Component System in Expression of Some Acidic-pH-Upregulated Genes of Helicobacter pylori. Journal of Bacteriology, 2006, 188, 1750-1761.	2.2	44
25	Acid Acclimation byHelicobacter pylori. Physiology, 2005, 20, 429-438.	3.1	110
26	The Periplasmic Î±-Carbonic Anhydrase Activity of Helicobacter pylori Is Essential for Acid Acclimation. Journal of Bacteriology, 2005, 187, 729-738.	2.2	163
27	Mechanism of Proton Gating of a Urea Channel. Journal of Biological Chemistry, 2004, 279, 9944-9950.	3.4	26
28	Genes of Helicobacter pylori Regulated by Attachment to AGS Cells. Infection and Immunity, 2004, 72, 2358-2368.	2.2	59
29	Acid-Adaptive Genes of Helicobacter pylori. Infection and Immunity, 2003, 71, 5921-5939.	2.2	194
30	The Gastric Biology ofHelicobacter pylori. Annual Review of Physiology, 2003, 65, 349-369.	13.1	159
31	Medium pH-dependent redistribution of the urease of Helicobacter pylori. Journal of Medical Microbiology, 2003, 52, 211-216.	1.8	39
32	Interactions among the sevenHelicobacter pyloriproteins encoded by the urease gene cluster. American Journal of Physiology - Renal Physiology, 2003, 284, G96-G106.	3.4	84
33	Mechanisms of acid resistance due to the urease system of Helicobacter pylori. Gastroenterology, 2002, 123, 187-195.	1.3	146
34	Current trends in the treatment of upper gastrointestinal disease. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2002, 16, 835-849.	2.4	16
35	Cell Lysis is Responsible for the Appearance of Extracellular Urease in Helicobacter pylori. Helicobacter, 2001, 6, 93-99.	3.5	52
36	Acid resistance of Helicobacter pylori depends on the UreI membrane protein and an inner membrane proton barrier. Molecular Microbiology, 2000, 36, 141-152.	2.5	74

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37	Expression of the Helicobacter pylori ureI Gene Is Required for Acidic pH Activation of Cytoplasmic Urease. Infection and Immunity, 2000, 68, 470-477.	2.2	121
38	UreI-mediated urea transport in Helicobacter pylori: an open and shut case? Response. Trends in Microbiology, 2000, 8, 348-349.	7.7	3
39	A H+-Gated Urea Channel: The Link Between Helicobacter pylori Urease and Gastric Colonization. Science, 2000, 287, 482-485.	12.6	448
40	Local pH elevation mediated by the intrabacterial urease of Helicobacter pylori cocultured with gastric cells. Journal of Clinical Investigation, 2000, 106, 339-347.	8.2	52
41	The role of internal urease in acid resistance of Helicobacter pylori. Gastroenterology, 1998, 114, 58-70.	1.3	264
42	Turnover of the gastric H+,K+-Adenosine triphosphatase Î± subunit and its effect on inhibition of rat gastric acid secretion. Gastroenterology, 1995, 109, 1134-1141.	1.3	78
43	Regulation of Urease for Acid Habitation. , 0, , 277-283.		7