

Matthew A Croxen

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

3,592
citations

331538

21
h-index

289141

40
g-index

44
all docs

44
docs citations

44
times ranked

5559
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Understanding Enteric Pathogenic <i>Escherichia coli</i> . <i>Clinical Microbiology Reviews</i> , 2013, 26, 822-880.	5.7	1,071
2	Molecular mechanisms of <i>Escherichia coli</i> pathogenicity. <i>Nature Reviews Microbiology</i> , 2010, 8, 26-38.	13.6	875
3	Antiparasitic Drug Nitazoxanide Inhibits the Pyruvate Oxidoreductases of <i>Helicobacter pylori</i> , Selected Anaerobic Bacteria and Parasites, and <i>Campylobacter jejuni</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 868-876.	1.4	207
4	The Intestinal Microbiota Plays a Role in <i>Salmonella</i> -Induced Colitis Independent of Pathogen Colonization. <i>PLoS ONE</i> , 2011, 6, e20338.	1.1	157
5	The <i>Helicobacter pylori</i> Chemotaxis Receptor TlpB (HP0103) Is Required for pH Taxis and for Colonization of the Gastric Mucosa. <i>Journal of Bacteriology</i> , 2006, 188, 2656-2665.	1.0	155
6	Altering Host Resistance to Infections through Microbial Transplantation. <i>PLoS ONE</i> , 2011, 6, e26988.	1.1	155
7	Infection control in the new age of genomic epidemiology. <i>American Journal of Infection Control</i> , 2017, 45, 170-179.	1.1	90
8	A comprehensive method for amplicon-based and metagenomic characterization of viruses, bacteria, and eukaryotes in freshwater samples. <i>Microbiome</i> , 2016, 4, 20.	4.9	86
9	Attaching and Effacing Bacterial Effector NleC Suppresses Epithelial Inflammatory Responses by Inhibiting NF- κ B and p38 Mitogen-Activated Protein Kinase Activation. <i>Infection and Immunity</i> , 2011, 79, 3552-3562.	1.0	85
10	Autophagy Facilitates <i>Salmonella</i> Replication in HeLa Cells. <i>MBio</i> , 2014, 5, e00865-14.	1.8	84
11	A Comprehensive Proteomic Analysis of the Type III Secretome of <i>Citrobacter rodentium</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 6790-6800.	1.6	66
12	Flavodoxin:Quinone Reductase (FqrB): a Redox Partner of Pyruvate:Ferredoxin Oxidoreductase That Reversibly Couples Pyruvate Oxidation to NADPH Production in <i>Helicobacter pylori</i> and <i>Campylobacter jejuni</i> . <i>Journal of Bacteriology</i> , 2007, 189, 4764-4773.	1.0	63
13	The pathogenic <i>Escherichia coli</i> type III secreted protease NleC degrades the host acetyltransferase p300. <i>Cellular Microbiology</i> , 2011, 13, 1542-1557.	1.1	53
14	A comprehensive study of the contribution of <i>Salmonella enterica</i> serovar Typhimurium SPI2 effectors to bacterial colonization, survival, and replication in typhoid fever, macrophage, and epithelial cell infection models. <i>Virulence</i> , 2011, 2, 208-216.	1.8	51
15	The Deubiquitinase Activity of the <i>Salmonella</i> Pathogenicity Island 2 Effector, SseL, Prevents Accumulation of Cellular Lipid Droplets. <i>Infection and Immunity</i> , 2011, 79, 4392-4400.	1.0	40
16	<i>mcr-1</i> Positive Colistin-Resistant <i>Escherichia coli</i> in Traveler Returning to Canada from China. <i>Emerging Infectious Diseases</i> , 2016, 22, 1673-1675.	2.0	40
17	Human Activity Determines the Presence of Integron-Associated and Antibiotic Resistance Genes in Southwestern British Columbia. <i>Frontiers in Microbiology</i> , 2018, 9, 852.	1.5	37
18	The Type III System-Secreted Effector EspZ Localizes to Host Mitochondria and Interacts with the Translocase of Inner Mitochondrial Membrane 17b. <i>Infection and Immunity</i> , 2011, 79, 4784-4790.	1.0	31

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19	Genomic Epidemiology of Major Extraintestinal Pathogenic Escherichia coli Lineages Causing Urinary Tract Infections in Young Women Across Canada. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz431.	0.4	30
20	The Serine Protease Autotransporter Pic Modulates <i>Citrobacter rodentium</i> Pathogenesis and Its Innate Recognition by the Host. <i>Infection and Immunity</i> , 2015, 83, 2636-2650.	1.0	26
21	Antisense RNA Modulation of Alkyl Hydroperoxide Reductase Levels in <i>Helicobacter pylori</i> Correlates with Organic Peroxide Toxicity but Not Infectivity. <i>Journal of Bacteriology</i> , 2007, 189, 3359-3368.	1.0	25
22	Automated Gel Size Selection to Improve the Quality of Next-generation Sequencing Libraries Prepared from Environmental Water Samples. <i>Journal of Visualized Experiments</i> , 2015, , .	0.2	18
23	How much do smear-negative patients really contribute to tuberculosis transmissions? Re-examining an old question with new tools. <i>EClinicalMedicine</i> , 2022, 43, 101250.	3.2	16
24	Epidemiologic and Genotypic Review of Carbapenemase-Producing Organisms in British Columbia, Canada, between 2008 and 2014. <i>Journal of Clinical Microbiology</i> , 2016, 54, 317-327.	1.8	14
25	Antibodies to the conserved region of the M protein and a streptococcal superantigen cooperatively resolve toxic shock-like syndrome in HLA-humanized mice. <i>Science Advances</i> , 2019, 5, eaax3013.	4.7	13
26	Potential Ad Hoc Markers of Persistence and Virulence in Canadian <i>Listeria monocytogenes</i> Food and Clinical Isolates. <i>Journal of Food Protection</i> , 2019, 82, 1909-1921.	0.8	12
27	Quantitative Mass Spectrometry Identifies Novel Host Binding Partners for Pathogenic <i>Escherichia coli</i> Type III Secretion System Effectors. <i>Journal of Proteome Research</i> , 2016, 15, 1613-1622.	1.8	10
28	The Cutaneous Microbiome: Implications for Dermatology Practice. <i>Journal of Cutaneous Medicine and Surgery</i> , 2019, 23, 436-441.	0.6	10
29	Histoplasmosis acquired in Alberta, Canada: an epidemiological and genomic study. <i>Lancet Microbe</i> , The, 2021, 2, e191-e197.	3.4	10
30	<i>Mycobacterium chimaera</i> Encephalitis Following Cardiac Surgery: A New Syndrome. <i>Clinical Infectious Diseases</i> , 2019, 70, 692-695.	2.9	9
31	Identification and Regulation of a Novel <i>Citrobacter rodentium</i> Gut Colonization Fimbria (Gcf). <i>Journal of Bacteriology</i> , 2015, 197, 1478-1491.	1.0	8
32	Small Intestine Early Innate Immunity Response during Intestinal Colonization by <i>Escherichia coli</i> Depends on Its Extra-Intestinal Virulence Status. <i>PLoS ONE</i> , 2016, 11, e0153034.	1.1	8
33	The use of genome sequencing to investigate an outbreak of hospital-acquired mucormycosis in transplant patients. <i>Transplant Infectious Disease</i> , 2019, 21, e13163.	0.7	6
34	EscA Is a Crucial Component of the Type III Secretion System of Enteropathogenic <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2012, 194, 2819-2828.	1.0	5
35	Characterization of Swine Influenza A(H1N2) Variant, Alberta, Canada, 2020. <i>Emerging Infectious Diseases</i> , 2021, 27, 3045-3051.	2.0	3
36	Translocation of effectors: revisiting the injectosome model. <i>Future Microbiology</i> , 2011, 6, 483-484.	1.0	2

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37	Pooled Nucleic Acid Amplification Test for Screening of Stool Specimens for Shiga Toxin-Producing <i>Escherichia coli</i> . <i>Journal of Clinical Microbiology</i> , 2016, 54, 2711-2715.	1.8	1
38	Phenotypic changes in group B streptococci grown in the presence of the polyols, erythritol, sorbitol and mannitol. <i>BMC Microbiology</i> , 2021, 21, 145.	1.3	1
39	Novel Use of <i>Helicobacter pylori</i> Nitroreductase (rdxA) as a Counterselectable Marker in Allelic Vector Exchange to Create <i>Legionella pneumophila</i> Philadelphia-1 Mutants. , 0, , 339-342.		1
40	Multi-provincial Salmonellosis Outbreak Related to Newly Hatched Chicks and Poults: A Genomics Perspective. <i>PLOS Currents</i> , 2017, 9, .	1.4	1