Benjamin J Koestler

List of Publications by Year
in descending order

25 papers	1,309 citations	471509 17 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	1710 citing authors

#	Article	IF	Citations
1	Shigella flexneri Diguanylate Cyclases Regulate Virulence. Journal of Bacteriology, 2021, 203, e0024221.	2.2	7
2	Human Intestinal Enteroids as a Model System of Shigella Pathogenesis. Infection and Immunity, 2019, 87, .	2.2	55
3	Methods for detecting Zika virus in feces: A case study in captive squirrel monkeys (Saimiri boliviensis) Tj ETQq1 1 0.784314 rgBT /Ov	2.5	6
4	Formate Promotes Shigella Intercellular Spread and Virulence Gene Expression. MBio, 2018, 9, .	4.1	26
5	Shigella Pathogenesis Modeling with Tissue Culture Assays. Current Protocols in Microbiology, 2018, 50, e57.	6.5	11
6	Evolution of Ecological Diversity in Biofilms of Pseudomonas aeruginosa by Altered Cyclic Diguanylate Signaling. Journal of Bacteriology, 2016, 198, 2608-2618.	2.2	74
7	In Vivo Synthesis of Cyclic-di-GMP Using a Recombinant Adenovirus Preferentially Improves Adaptive Immune Responses against Extracellular Antigens. Journal of Immunology, 2016, 196, 1741-1752.	0.8	13
8	Crossâ€talk between a regulatory small <scp>RNA</scp>, cyclicâ€diâ€<scp>GMP</scp> signalling and flagellar regulator <scp>FlhDC</scp> for virulence and bacterial behaviours. Environmental Microbiology, 2015, 17, 4745-4763.	3.8	34
9	A Pterin-Dependent Signaling Pathway Regulates a Dual-Function Diguanylate Cyclase-Phosphodiesterase Controlling Surface Attachment in Agrobacterium tumefaciens. MBio, 2015, 6, e00156.	4.1	48
10	The <scp>Y</scp>ersinia pestisâ€...<scp>HmsCDE</scp> regulatory system is essential for blockage of the oriental rat flea (<scp>X</scp>enopsylla cheopis), a classic plague vector. Environmental Microbiology, 2015, 17, 947-959.	3.8	22
11	Intracellular Concentrations of Borrelia burgdorferi Cyclic Di-AMP Are Not Changed by Altered Expression of the CdaA Synthase. PLoS ONE, 2015, 10, e0125440.	2.5	22
12	Intestinal GPS: bile and bicarbonate control cyclic di-GMP to provideVibrio choleraespatial cues within the small intestine. Gut Microbes, 2014, 5, 775-780.	9.8	16
13	Stimulation of Innate Immunity byIn VivoCyclic di-GMP Synthesis Using Adenovirus. Vaccine Journal, 2014, 21, 1550-1559.	3.1	12
14	The Vibrio cholerae diguanylate cyclase VCA0965 has an AGDEF active site and synthesizes cyclic di-GMP. BMC Microbiology, 2014, 14, 22.	3.3	40
15	Identification of small molecules inhibiting diguanylate cyclases to control bacterial biofilm development. Biofouling, 2014, 30, 17-28.	2.2	104
16	Bile Acids and Bicarbonate Inversely Regulate Intracellular Cyclic di-GMP in Vibrio cholerae. Infection and Immunity, 2014, 82, 3002-3014.	2.2	72
17	Deciphering the Components That Coordinately Regulate Virulence Factors of the Soft Rot Pathogen Dickeya dadantii. Molecular Plant-Microbe Interactions, 2014, 27, 1119-1131.	2.6	16
18	Two DHH Subfamily 1 Proteins in Streptococcus pneumoniae Possess Cyclic Di-AMP Phosphodiesterase Activity and Affect Bacterial Growth and Virulence. Journal of Bacteriology, 2013, 195, 5123-5132.	2.2	126

#	Article	IF	Citations
19	Postâ€transcriptional activation of a diguanylate cyclase by quorum sensing small <scp>RNAs</scp> promotes biofilm formation in <scp>V</scp>ibrio cholerae. Molecular Microbiology, 2013, 89, 989-1002.	2.5	49
20	Genetic analysis of <scp>A</scp>grobacterium tumefaciens unipolar polysaccharide production reveals complex integrated control of the motileâ€toâ€sessile switch. Molecular Microbiology, 2013, 89, 929-948.	2.5	97
21	Occurrence of Cyclic di-GMP-Modulating Output Domains in Cyanobacteria: an Illuminating Perspective. MBio, 2013, 4, .	4.1	39
22	STING-Dependent Recognition of Cyclic di-AMP Mediates Type I Interferon Responses during Chlamydia trachomatis Infection. MBio, 2013, 4, e00018-13.	4.1	201
23	Exploring Environmental Control of Cyclic di-GMP Signaling in Vibrio cholerae by Using the Ex Vivo Lysate Cyclic di-GMP Assay (TELCA). Applied and Environmental Microbiology, 2013, 79, 5233-5241.	3.1	27
24	<scp>H</scp>fqâ€dependent, coâ€ordinate control of cyclic diguanylate synthesis and catabolism in the plague pathogen <scp>Y</scp>ersinia pestis. Molecular Microbiology, 2012, 86, 661-674.	2.5	56
25	Quantification of high-specificity cyclic diguanylate signaling. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12746-12751.	7.1	136