

Benjamin J Koestler

List of Publications by Year in descending order

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Version: 2024-02-01

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	STING-Dependent Recognition of Cyclic di-AMP Mediates Type I Interferon Responses during Chlamydia trachomatis Infection. MBio, 2013, 4, e00018-13.	4.1	201
2	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
3	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
4	Identification of small molecules inhibiting diguanylate cyclases to control bacterial biofilm development. Biofouling, 2014, 30, 17-28.	2.2	104
5	Genetic analysis of <i>Aerobacterium tumefaciens</i> unipolar polysaccharide production reveals complex integrated control of the motile- sessile switch. Molecular Microbiology, 2013, 89, 929-948.	2.5	97
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	Bile Acids and Bicarbonate Inversely Regulate Intracellular Cyclic di-GMP in Vibrio cholerae. Infection and Immunity, 2014, 82, 3002-3014.	2.2	72
8	H ₂ O ₂ -dependent, coordinate control of cyclic diguanylate synthesis and catabolism in the plague pathogen <i>Yersinia pestis</i> . Molecular Microbiology, 2012, 86, 661-674.	2.5	56
9	Human Intestinal Enteroids as a Model System of <i>Shigella</i> Pathogenesis. Infection and Immunity, 2019, 87, .	2.2	55
10	Post-transcriptional activation of a diguanylate cyclase by quorum sensing small RNAs promotes biofilm formation in <i>Vibrio cholerae</i> . Molecular Microbiology, 2013, 89, 989-1002.	2.5	49
11	A Pterin-Dependent Signaling Pathway Regulates a Dual-Function Diguanylate Cyclase-Phosphodiesterase Controlling Surface Attachment in <i>Aerobacterium tumefaciens</i> . MBio, 2015, 6, e00156.	4.1	48
12	The <i>Vibrio cholerae</i> diguanylate cyclase VCA0965 has an AGDEF active site and synthesizes cyclic di-GMP. BMC Microbiology, 2014, 14, 22.	3.3	40
13	Occurrence of Cyclic di-GMP-Modulating Output Domains in Cyanobacteria: an Illuminating Perspective. MBio, 2013, 4, .	4.1	39
14	Crosstalk between a regulatory small RNA, cyclic di-GMP signalling and flagellar regulator FlhDC for virulence and bacterial behaviours. Environmental Microbiology, 2015, 17, 4745-4763.	3.8	34
15	Exploring Environmental Control of Cyclic di-GMP Signaling in <i>Vibrio cholerae</i> by Using the <i>Ex Vivo</i> Lysate Cyclic di-GMP Assay (TELCA). Applied and Environmental Microbiology, 2013, 79, 5233-5241.	3.1	27
16	Formate Promotes <i>Shigella</i> Intercellular Spread and Virulence Gene Expression. MBio, 2018, 9, .	4.1	26
17	The <i>Yersinia pestis</i> HmsCDE regulatory system is essential for blockage of the oriental rat flea (<i>Xenopsylla cheopis</i>), a classic plague vector. Environmental Microbiology, 2015, 17, 947-959.	3.8	22
18	Intracellular Concentrations of <i>Borrelia burgdorferi</i> Cyclic Di-AMP Are Not Changed by Altered Expression of the CdaA Synthase. PLoS ONE, 2015, 10, e0125440.	2.5	22

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19	Intestinal GPS: bile and bicarbonate control cyclic di-GMP to provide <i>Vibrio cholerae</i> spatial cues within the small intestine. <i>Gut Microbes</i> , 2014, 5, 775-780.	9.8	16
20	Deciphering the Components That Coordinately Regulate Virulence Factors of the Soft Rot Pathogen <i>Dickeya dadantii</i> . <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 1119-1131.	2.6	16
21	In Vivo Synthesis of Cyclic-di-GMP Using a Recombinant Adenovirus Preferentially Improves Adaptive Immune Responses against Extracellular Antigens. <i>Journal of Immunology</i> , 2016, 196, 1741-1752.	0.8	13
22	Stimulation of Innate Immunity by <i>In Vivo</i> Cyclic di-GMP Synthesis Using Adenovirus. <i>Vaccine Journal</i> , 2014, 21, 1550-1559.	3.1	12
23	<i>Shigella</i> Pathogenesis Modeling with Tissue Culture Assays. <i>Current Protocols in Microbiology</i> , 2018, 50, e57.	6.5	11
24	<i>Shigella flexneri</i> Diguanylate Cyclases Regulate Virulence. <i>Journal of Bacteriology</i> , 2021, 203, e0024221.	2.2	7
25	Methods for detecting Zika virus in feces: A case study in captive squirrel monkeys (<i>Saimiri boliviensis</i>) Tj ETQq1 1 0.784314 rgBT /Over 2.5	0.784314	2.5