

Natalia Tschowri

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,414
citations

567144

15
h-index

794469

19
g-index

23
all docs

23
docs citations

23
times ranked

1463
citing authors

#	ARTICLE	IF	CITATIONS
1	Inverse regulatory coordination of motility and curli-mediated adhesion in <i>Escherichia coli</i> . <i>Genes and Development</i> , 2008, 22, 2434-2446.	2.7	299
2	Tetrameric c-di-GMP Mediates Effective Transcription Factor Dimerization to Control <i>Streptomyces</i> Development. <i>Cell</i> , 2014, 158, 1136-1147.	13.5	219
3	The BLUF-EAL protein YcgF acts as a direct anti-repressor in a blue-light response of <i>Escherichia coli</i> . <i>Genes and Development</i> , 2009, 23, 522-534.	2.7	165
4	Gene expression patterns and differential input into curli fimbriae regulation of all GGDEF/EAL domain proteins in <i>Escherichia coli</i> . <i>Microbiology (United Kingdom)</i> , 2009, 155, 1318-1331.	0.7	150
5	c-di-GMP signalling and the regulation of developmental transitions in streptomycetes. <i>Nature Reviews Microbiology</i> , 2015, 13, 749-760.	13.6	150
6	Targeting of <i>csgD</i> by the small regulatory RNA RprA links stationary phase, biofilm formation and cell envelope stress in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2012, 84, 51-65.	1.2	111
7	Molecular function and potential evolution of the biofilm-modulating blue light signalling pathway of <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2012, 85, 893-906.	1.2	46
8	Recent Advances and Current Trends in Nucleotide Second Messenger Signaling in Bacteria. <i>Journal of Molecular Biology</i> , 2019, 431, 908-927.	2.0	41
9	The <i>Streptomyces</i> master regulator BldD binds c-di-GMP sequentially to create a functional BldD2-(c-di-GMP) ₄ complex. <i>Nucleic Acids Research</i> , 2017, 45, 6923-6933.	6.5	37
10	Expression Patterns, Genomic Conservation and Input Into Developmental Regulation of the GGDEF/EAL/HD-GYP Domain Proteins in <i>Streptomyces</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2524.	1.5	32
11	c-di-AMP hydrolysis by the phosphodiesterase AtaC promotes differentiation of multicellular bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7392-7400.	3.3	32
12	Cyclic Dinucleotide-Controlled Regulatory Pathways in <i>Streptomyces</i> Species. <i>Journal of Bacteriology</i> , 2016, 198, 47-54.	1.0	31
13	Nucleotide Second Messenger-Mediated Regulation of a Muralytic Enzyme in <i>Streptomyces</i> . <i>Molecular Microbiology</i> , 2015, 96, 779-795.	1.2	29
14	Sensing and responding to diverse extracellular signals: an updated analysis of the sensor kinases and response regulators of <i>Streptomyces</i> species. <i>Microbiology (United Kingdom)</i> , 2019, 165, 929-952.	0.7	21
15	The <i>Escherichia coli</i> MarA protein regulates the <i>ycgZ-ymgABC</i> operon to inhibit biofilm formation. <i>Molecular Microbiology</i> , 2019, 112, 1609-1625.	1.2	17
16	Nucleotide second messengers in <i>Streptomyces</i> . <i>Microbiology (United Kingdom)</i> , 2019, 165, 1153-1165.	0.7	17
17	Specialized and shared functions of diguanylate cyclases and phosphodiesterases in <i>Streptomyces</i> development. <i>Molecular Microbiology</i> , 2020, 114, 808-822.	1.2	11
18	BldD-based bimolecular fluorescence complementation for in vivo detection of the second messenger cyclic di-GMP. <i>Molecular Microbiology</i> , 2022, 117, 705-713.	1.2	4

#	ARTICLE	IF	CITATIONS
19	Assessment of Diadenylate Cyclase and c-di-AMP-phosphodiesterase Activities Using Thin-layer and Ion Exchange Chromatography. <i>Bio-protocol</i> , 2021, 11, e3870.	0.2	1