

David Cole Stevens

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

304
citations

932766

10
h-index

887659

17
g-index

21
all docs

21
docs citations

21
times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	Alternative Sigma Factor Over-Expression Enables Heterologous Expression of a Type II Polyketide Biosynthetic Pathway in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2013, 8, e64858.	1.1	53
2	Heterologous Expression of the Oxytetracycline Biosynthetic Pathway in <i>Myxococcus xanthus</i> . <i>Applied and Environmental Microbiology</i> , 2010, 76, 2681-2683.	1.4	31
3	Survey of Biosynthetic Gene Clusters from Sequenced Myxobacteria Reveals Unexplored Biosynthetic Potential. <i>Microorganisms</i> , 2019, 7, 181.	1.6	31
4	Elucidation of Gephyronic Acid Biosynthetic Pathway Revealed Unexpected SAM-Dependent Methylations. <i>Journal of Natural Products</i> , 2013, 76, 2269-2276.	1.5	29
5	Marine Myxobacteria: A Few Good Halophiles. <i>Marine Drugs</i> , 2018, 16, 209.	2.2	28
6	The role of transcription in heterologous expression of polyketides in bacterial hosts. <i>Natural Product Reports</i> , 2013, 30, 1391.	5.2	25
7	Draft Genome Sequence of Gephyronic Acid Producer <i>Cystobacter violaceus</i> Strain Cb vi76. <i>Genome Announcements</i> , 2014, 2, .	0.8	22
8	±-Methylation follows condensation in the gephyronic acid modular polyketide synthase. <i>Chemical Communications</i> , 2016, 52, 8822-8825.	2.2	17
9	Methyltransferases excised from trans-AT polyketide synthases operate on N-acetylcysteamine-bound substrates. <i>Journal of Antibiotics</i> , 2016, 69, 567-570.	1.0	12
10	Draft Genome Sequence of <i>Archangium</i> sp. Strain Cb G35. <i>Genome Announcements</i> , 2017, 5, .	0.8	10
11	Myxobacterial Response to Methyljasmonate Exposure Indicates Contribution to Plant Recruitment of Micropredators. <i>Frontiers in Microbiology</i> , 2020, 11, 34.	1.5	10
12	Draft Genome Sequence of <i>Cystobacter ferrugineus</i> Strain Cbfe23. <i>Genome Announcements</i> , 2017, 5, .	0.8	7
13	Assessment of Evolutionary Relationships for Prioritization of Myxobacteria for Natural Product Discovery. <i>Microorganisms</i> , 2021, 9, 1376.	1.6	7
14	Functional genomics study of <i>Pseudomonas putida</i> to determine traits associated with avoidance of a myxobacterial predator. <i>Scientific Reports</i> , 2021, 11, 16445.	1.6	7
15	GEX1A, a Polyketide from <i>Streptomyces chromofuscus</i> , Corrects the Cellular Defects Associated with Niemann-Pick Type C1 in Human Fibroblasts. <i>Journal of Natural Products</i> , 2018, 81, 2018-2025.	1.5	5
16	Identification of a solo acylhomoserine lactone synthase from the myxobacterium <i>Archangium gephyra</i> . <i>Scientific Reports</i> , 2021, 11, 3018.	1.6	4
17	Differential response to prey quorum signals indicates predatory specialization of myxobacteria and ability to predate <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2022, 24, 1263-1278.	1.8	4
18	Draft Genome Sequence of <i>Aneurinibacillus</i> sp. Strain BA2021, Isolated as a Contaminant of a Laboratory-Cultivated Predatory Myxobacterium. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	0