

Emmanuel L C De Los Santos

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

2,362
citations

758635

12
h-index

1058022

14
g-index

19
all docs

19
docs citations

19
times ranked

3726
citing authors

#	ARTICLE	IF	CITATIONS
1	antiSMASH 4.0â€™improvements in chemistry prediction and gene cluster boundary identification. <i>Nucleic Acids Research</i> , 2017, 45, W36-W41.	6.5	1,196
2	A computational framework to explore large-scale biosynthetic diversity. <i>Nature Chemical Biology</i> , 2020, 16, 60-68.	3.9	569
3	The antiSMASH database version 2: a comprehensive resource on secondary metabolite biosynthetic gene clusters. <i>Nucleic Acids Research</i> , 2019, 47, D625-D630.	6.5	150
4	Engineering Transcriptional Regulator Effector Specificity Using Computational Design and <i>In Vitro</i> Rapid Prototyping: Developing a Vanillin Sensor. <i>ACS Synthetic Biology</i> , 2016, 5, 287-295.	1.9	82
5	Design and Implementation of a Biomolecular Concentration Tracker. <i>ACS Synthetic Biology</i> , 2015, 4, 150-161.	1.9	80
6	Rieske non-heme iron-dependent oxygenases catalyse diverse reactions in natural product biosynthesis. <i>Natural Product Reports</i> , 2018, 35, 622-632.	5.2	57
7	NeuRiPP: Neural network identification of RiPP precursor peptides. <i>Scientific Reports</i> , 2019, 9, 13406.	1.6	48
8	Thioester reduction and aldehyde transamination are universal steps in actinobacterial polyketide alkaloid biosynthesis. <i>Chemical Science</i> , 2017, 8, 411-415.	3.7	43
9	Structural basis for chain release from the enacyloxin polyketide synthase. <i>Nature Chemistry</i> , 2019, 11, 913-923.	6.6	39
10	Mechanistic insights into class B radical-S-adenosylmethionine methylases: ubiquitous tailoring enzymes in natural product biosynthesis. <i>Current Opinion in Chemical Biology</i> , 2016, 35, 73-79.	2.8	34
11	A <i>Streptomyces venezuelae</i> Cell-Free Toolkit for Synthetic Biology. <i>ACS Synthetic Biology</i> , 2021, 10, 402-411.	1.9	26
12	Pentamycin Biosynthesis in Philippine <i>Streptomyces</i> sp. S816: Cytochrome P450-Catalyzed Installation of the C-14 Hydroxyl Group. <i>ACS Chemical Biology</i> , 2019, 14, 1305-1309.	1.6	21
13	Modeling the architecture of the regulatory system controlling methylenomycin production in <i>Streptomyces coelicolor</i> . <i>Journal of Biological Engineering</i> , 2017, 11, 30.	2.0	7
14	In vitro elucidation of the crucial but complex oxidative tailoring steps in rufomycin biosynthesis enables one pot conversion of rufomycin B to rufomycin C. <i>Chemical Communications</i> , 2021, 57, 11795-11798.	2.2	3
15	Design and implementation of a biomolecular circuit for tracking protein concentration. , 2013, , .		2