

# Emmanuel L C De Los Santos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6939595/publications.pdf>

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