

Christiana N Teijaro

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

328
citations

933447

10
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

457
citing authors

#	ARTICLE	IF	CITATIONS
1	Ribosome-Templated Azide-Alkyne Cycloadditions: Synthesis of Potent Macrolide Antibiotics by In Situ Click Chemistry. <i>Journal of the American Chemical Society</i> , 2016, 138, 3136-3144.	13.7	55
2	A BAHD acyltransferase catalyzing 19-O-acetylation of tabersonine derivatives in roots of <i>Catharanthus roseus</i> enables combinatorial synthesis of monoterpene indole alkaloids. <i>Plant Journal</i> , 2018, 94, 469-484.	5.7	46
3	Comparative Studies of the Biosynthetic Gene Clusters for Anthraquinone-Fused Eneidyne Shedding Light into the Tailoring Steps of Tiansimycin Biosynthesis. <i>Organic Letters</i> , 2018, 20, 5918-5921.	4.6	34
4	Leveraging a large microbial strain collection for natural product discovery. <i>Journal of Biological Chemistry</i> , 2019, 294, 16567-16576.	3.4	26
5	Challenges and opportunities for natural product discovery, production, and engineering in native producers versus heterologous hosts. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 433-444.	3.0	24
6	Synthesis and Biological Evaluation of Pentacyclic Strychnos Alkaloids as Selective Modulators of the ABCG10 (MRP7) Efflux Pump. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10383-10390.	6.4	19
7	Synthesis of (6 ⁺)-Melodinine K: A Case Study of Efficiency in Natural Product Synthesis. <i>Journal of Natural Products</i> , 2020, 83, 2425-2433.	3.0	19
8	Characterization of TnmH as an O-Methyltransferase Revealing Insights into Tiansimycin Biosynthesis and Enabling a Biocatalytic Strategy To Prepare Antibody-Tiansimycin Conjugates. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 8432-8441.	6.4	18
9	Heterocyclic chalcone activators of nuclear factor (erythroid-derived 2)-like 2 (Nrf2) with improved in vivo efficacy. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5352-5359.	3.0	14
10	Total Syntheses of (6 ⁺)-Alstolucines A, B, and F, (6 ⁺)-Echitamide, and (6 ⁺)-N-Demethylalstogucine. <i>Synthesis</i> , 2015, 47, 1547-1556.	2.3	14
11	Biosynthesis of Eneidyne Natural Products. , 2020, , 365-414.		14
12	In vivo Antimalarial and Antitrypanosomal Activity of Strychnogucine B, a Bisindole Alkaloid from <i>Strychnos icaja</i> . <i>Planta Medica</i> , 2018, 84, 881-885.	1.3	10
13	Cytochrome P450 Hydroxylase TnmL Catalyzing Sequential Hydroxylation with an Additional Proofreading Activity in Tiansimycin Biosynthesis. <i>ACS Chemical Biology</i> , 2021, 16, 1172-1178.	3.4	9
14	Concise Syntheses of bis-Strychnos Alkaloids (6 ⁺)-Sungucine, (6 ⁺)-Sosungucine, and (6 ⁺)-Strychnogucine A, B from (6 ⁺)-Strychnine. <i>Chemistry - A European Journal</i> , 2016, 22, 11593-11596.	3.3	7
15	Rational Approach to Identify RNA Targets of Natural Products Enables Identification of Nocathiacin as an Inhibitor of an Oncogenic RNA. <i>ACS Chemical Biology</i> , 2022, 17, 474-482.	3.4	5
16	Functional Characterization of Cytochrome P450 Hydroxylase YpmL in Yangpumycin A Biosynthesis and Its Application for Anthraquinone-Fused Eneidyne Structural Diversification. <i>Organic Letters</i> , 2022, 24, 1219-1223.	4.6	4
17	Submerged fermentation of <i>Streptomyces uncialis</i> providing a biotechnology platform for uncialamycin biosynthesis, engineering, and production. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2021, 48, .	3.0	3
18	Synthesis, Biological Evaluation, and Computational Analysis of Biaryl Side-Chain Analogs of Solithromycin. <i>ChemMedChem</i> , 2021, 16, 3368-3373.	3.2	3

#	ARTICLE	IF	CITATIONS
19	Alternative approaches utilizing click chemistry to develop next-generation analogs of solithromycin. European Journal of Medicinal Chemistry, 2022, 233, 114213.	5.5	3
20	Synthesis of Bis-Strychnos Alkaloids (â€“)-Sungucine, (â€“)-Isosungucine, and (â€“)-Strychnogucine B from (â€“)-Strychnine. Journal of the Brazilian Chemical Society, 0, , .	0.6	1