

Rebecca Goss

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2332070/publications.pdf>

Version: 2024-02-01

17
papers

449
citations

840585

11
h-index

940416

16
g-index

17
all docs

17
docs citations

17
times ranked

582
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiviral drug discovery: preparing for the next pandemic. <i>Chemical Society Reviews</i> , 2021, 50, 3647-3655.	18.7	128
2	A marine viral halogenase that iodinates diverse substrates. <i>Nature Chemistry</i> , 2019, 11, 1091-1097.	6.6	65
3	Halogenases: a palette of emerging opportunities for synthetic biology – synthetic chemistry and C-H functionalisation. <i>Chemical Society Reviews</i> , 2021, 50, 9443-9481.	18.7	57
4	An Unusual Flavin-Dependent Halogenase from the Metagenome of the Marine Sponge <i>Theonella swinhoei</i> WA. <i>ACS Chemical Biology</i> , 2017, 12, 1281-1287.	1.6	45
5	Mild, Aqueous α -Arylation of Ketones: Towards New Diversification Tools for Halogenated Metabolites and Drug Molecules. <i>Chemistry - A European Journal</i> , 2017, 23, 3832-3836.	1.7	22
6	Isotopic Labeling Studies Reveal the Patulin Detoxification Pathway by the Biocontrol Yeast <i>Rhodotorula kratochvilovae</i> LS11. <i>Journal of Natural Products</i> , 2018, 81, 2692-2699.	1.5	22
7	Pac13 is a Small, Monomeric Dehydratase that Mediates the Formation of the 3-Deoxy Nucleoside of Pacidamycins. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12492-12497.	7.2	16
8	Heck Diversification of Indole-Based Substrates under Aqueous Conditions: From Indoles to Unprotected Halotryptophans and Halotryptophans in Natural Product Derivatives. <i>Chemistry - A European Journal</i> , 2019, 25, 10866-10875.	1.7	16
9	A natural solution to photoprotection and isolation of the potent polyene antibiotic, marinomycin A. <i>Chemical Science</i> , 2019, 10, 7549-7553.	3.7	16
10	Zelkovamycins B-E, Cyclic Octapeptides Containing Rare Amino Acid Residues from an Endophytic <i>Kitasatospora</i> sp. <i>Organic Letters</i> , 2020, 22, 9346-9350.	2.4	14
11	GenoChemetic Strategy for Derivatization of the Violacein Natural Product Scaffold. <i>ACS Chemical Biology</i> , 2021, 16, 2116-2123.	1.6	12
12	Buchwald Hartwig diversification of unprotected halotryptophans, halotryptophan containing tripeptides and the natural product barettin in aqueous conditions. <i>Chemical Communications</i> , 2019, 55, 13653-13656.	2.2	11
13	Discovery pipelines for marine resources: an ocean of opportunity for biotechnology?. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 107.	1.7	10
14	Phenylalanine meta-Hydroxylase: A Single Residue Mediates Mechanistic Control of Aromatic Amino Acid Hydroxylation. <i>ChemBioChem</i> , 2020, 21, 417-422.	1.3	6
15	Pac13 is a Small, Monomeric Dehydratase that Mediates the Formation of the 3-Deoxy Nucleoside of Pacidamycins. <i>Angewandte Chemie</i> , 2017, 129, 12666-12671.	1.6	5
16	An expedient, mild and aqueous method for Suzuki-Miyaura diversification of (hetero)aryl halides or (poly)chlorinated pharmaceuticals. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5722-5727.	2.3	4
17	SynBio-SynChem Approaches to Diversifying the Pacidamycins through the Exploitation of an Observed Pictet-Spengler Reaction. <i>ChemBioChem</i> , 2021, 22, 712-716.	1.3	0