

Graham A Hudson

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,376
citations

567281

15
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

1104
citing authors

#	ARTICLE	IF	CITATIONS
1	A prevalent peptide-binding domain guides ribosomal natural product biosynthesis. <i>Nature Chemical Biology</i> , 2015, 11, 564-570.	8.0	288
2	In Vitro Biosynthesis of the Core Scaffold of the Thiopeptide Thiomuracin. <i>Journal of the American Chemical Society</i> , 2015, 137, 16012-16015.	13.7	145
3	RiPP antibiotics: biosynthesis and engineering potential. <i>Current Opinion in Microbiology</i> , 2018, 45, 61-69.	5.1	138
4	Bioinformatic Mapping of Radical <i>S</i> -Adenosylmethionine-Dependent Ribosomally Synthesized and Post-Translationally Modified Peptides Identifies New C ¹ , C ² , and C ³ -Linked Thioether-Containing Peptides. <i>Journal of the American Chemical Society</i> , 2019, 141, 8228-8238.	13.7	123
5	Bioinformatic Expansion and Discovery of Thiopeptide Antibiotics. <i>Journal of the American Chemical Society</i> , 2018, 140, 9494-9501.	13.7	119
6	Chimeric Leader Peptides for the Generation of Non-Natural Hybrid RiPP Products. <i>ACS Central Science</i> , 2017, 3, 629-638.	11.3	87
7	Biosynthetic Timing and Substrate Specificity for the Thiopeptide Thiomuracin. <i>Journal of the American Chemical Society</i> , 2016, 138, 15511-15514.	13.7	73
8	Structural insights into enzymatic [4+2] <i>aza</i> -cycloaddition in thiopeptide antibiotic biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12928-12933.	7.1	70
9	Enzymatic Reconstitution and Biosynthetic Investigation of the Lasso Peptide Fusilassin. <i>Journal of the American Chemical Society</i> , 2019, 141, 290-297.	13.7	70
10	Radical <i>S</i> -Adenosylmethionine Enzymes Involved in RiPP Biosynthesis. <i>Biochemistry</i> , 2017, 56, 5229-5244.	2.5	66
11	Reconstitution and Substrate Specificity of the Radical <i>S</i> -Adenosyl-methionine Thiazole <i>C</i> -Methyltransferase in Thiomuracin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2017, 139, 4310-4313.	13.7	45
12	Targeting Reactive Carbonyls for Identifying Natural Products and Their Biosynthetic Origins. <i>Journal of the American Chemical Society</i> , 2016, 138, 15157-15166.	13.7	42
13	In Vitro Biosynthetic Studies of Bottromycin Expand the Enzymatic Capabilities of the YcaO Superfamily. <i>Journal of the American Chemical Society</i> , 2017, 139, 18154-18157.	13.7	33
14	Mechanism of a Class C Radical <i>S</i> -Adenosyl-methionine Thiazole Methyl Transferase. <i>Journal of the American Chemical Society</i> , 2017, 139, 18623-18631.	13.7	33
15	Reactivity-Based Screening for Citrulline-Containing Natural Products Reveals a Family of Bacterial Peptidyl Arginine Deiminases. <i>ACS Chemical Biology</i> , 2020, 15, 3167-3175.	3.4	19
16	Structure Prediction and Synthesis of Pyridine-Based Macrocyclic Peptide Natural Products. <i>Organic Letters</i> , 2021, 23, 253-256.	4.6	16
17	Accessing Diverse Pyridine-Based Macrocyclic Peptides by a Two-Site Recognition Pathway. <i>Journal of the American Chemical Society</i> , 2022, 144, 11263-11269.	13.7	8