Graham A Hudson

List of Publications by Year
in descending order

17	1,376	567281 15	888059 17
papers	citations	h-index	g-index

19	19	19	1104
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Accessing Diverse Pyridine-Based Macrocyclic Peptides by a Two-Site Recognition Pathway. Journal of the American Chemical Society, 2022, 144, 11263-11269.	13.7	8
2	Structure Prediction and Synthesis of Pyridine-Based Macrocyclic Peptide Natural Products. Organic Letters, 2021, 23, 253-256.	4.6	16
3	Reactivity-Based Screening for Citrulline-Containing Natural Products Reveals a Family of Bacterial Peptidyl Arginine Deiminases. ACS Chemical Biology, 2020, 15, 3167-3175.	3.4	19
4	Bioinformatic Mapping of Radical S-Adenosylmethionine-Dependent Ribosomally Synthesized and Post-Translationally Modified Peptides Identifies New CÎ±, CÎ², and CÎ³-Linked Thioether-Containing Peptides. Journal of the American Chemical Society, 2019, 141, 8228-8238.	13.7	123
5	Enzymatic Reconstitution and Biosynthetic Investigation of the Lasso Peptide Fusilassin. Journal of the American Chemical Society, 2019, 141, 290-297.	13.7	70
6	RiPP antibiotics: biosynthesis and engineering potential. Current Opinion in Microbiology, 2018, 45, 61-69.	5.1	138
7	Bioinformatic Expansion and Discovery of Thiopeptide Antibiotics. Journal of the American Chemical Society, 2018, 140, 9494-9501.	13.7	119
8	Chimeric Leader Peptides for the Generation of Non-Natural Hybrid RiPP Products. ACS Central Science, 2017, 3, 629-638.	11.3	87
9	Reconstitution and Substrate Specificity of the Radical S-Adenosyl-methionine Thiazole C-Methyltransferase in Thiomuracin Biosynthesis. Journal of the American Chemical Society, 2017, 139, 4310-4313.	13.7	45
10	Radical S-Adenosylmethionine Enzymes Involved in RiPP Biosynthesis. Biochemistry, 2017, 56, 5229-5244.	2.5	66
11	In Vitro Biosynthetic Studies of Bottromycin Expand the Enzymatic Capabilities of the YcaO Superfamily. Journal of the American Chemical Society, 2017, 139, 18154-18157.	13.7	33
12	Mechanism of a Class C Radical S-Adenosyl-<scp>l</scp>-methionine Thiazole Methyl Transferase. Journal of the American Chemical Society, 2017, 139, 18623-18631.	13.7	33
13	Structural insights into enzymatic [4+2] aza -cycloaddition in thiopeptide antibiotic biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12928-12933.	7.1	70
14	Biosynthetic Timing and Substrate Specificity for the Thiopeptide Thiomuracin. Journal of the American Chemical Society, 2016, 138, 15511-15514.	13.7	73
15	Targeting Reactive Carbonyls for Identifying Natural Products and Their Biosynthetic Origins. Journal of the American Chemical Society, 2016, 138, 15157-15166.	13.7	42
16	In Vitro Biosynthesis of the Core Scaffold of the Thiopeptide Thiomuracin. Journal of the American Chemical Society, 2015, 137, 16012-16015.	13.7	145
17	A prevalent peptide-binding domain guides ribosomal natural product biosynthesis. Nature Chemical Biology, 2015, 11, 564-570.	8.0	288