Chambers C Hughes

List of Publications by Year
in descending order

25 papers	1,471 citations	471509 17 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	1882 citing authors

#	Article	IF	Citations
1	Biosynthesis and antifungal activity of fungus-induced O-methylated flavonoids in maize. Plant Physiology, 2022, 188, 167-190.	4.8	32
2	Discovery of a Cryptic Nitro Intermediate in the Biosynthesis of the 3-(trans-2â€²-Aminocyclopropyl)alanine Moiety of Belactosin A. Organic Letters, 2022, 24, 736-740.	4.6	11
3	Chemical labeling strategies for small molecule natural product detection and isolation. Natural Product Reports, 2021, 38, 1684-1705.	10.3	18
4	Specialized Metabolite Mediated Predation Defense in the Marine Actinobacterium Salinispora. Applied and Environmental Microbiology, 2021, , AEM0117621.	3.1	2
5	Progress toward the Total Synthesis of Lymphostins: Preparation of a Functionalized Tetrahydropyrrolo[4,3,2-de]quinoline and Unusual Oxidative Dimerization. Journal of Organic Chemistry, 2019, 84, 9339-9343.	3.2	7
6	Nature's Combinatorial Biosynthesis Produces Vatiamides Aâ€“F. Angewandte Chemie - International Edition, 2019, 58, 9027-9031.	13.8	36
7	Nature's Combinatorial Biosynthesis Produces Vatiamides Aâ€“F. Angewandte Chemie, 2019, 131, 9125-9129.	2.0	4
8	Multiple genes recruited from hormone pathways partition maize diterpenoid defences. Nature Plants, 2019, 5, 1043-1056.	9.3	60
9	Discovery, Biosynthesis and Stress-Related Accumulation of Dolabradiene-Derived Defenses in Maize. Plant Physiology, 2018, 176, 2677-2690.	4.8	94
10	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. ACS Central Science, 2018, 4, 1727-1741.	11.3	32
11	Nitrosopyridine Probe To Detect Polyketide Natural Products with Conjugated Alkenes: Discovery of Novodaryamide and Nocarditriene. ACS Chemical Biology, 2018, 13, 3097-3106.	3.4	20
12	Neolymphostin A Is a Covalent Phosphoinositide 3-Kinase (PI3K)/Mammalian Target of Rapamycin (mTOR) Dual Inhibitor That Employs an Unusual Electrophilic Vinylogous Ester. Journal of Medicinal Chemistry, 2018, 61, 10463-10472.	6.4	13
13	The role of inter-species interactions in Salinispora specialized metabolism. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overloc	1.8	11
14	Ecological implications of hypoxiaâ€triggered shifts in secondary metabolism. Environmental Microbiology, 2017, 19, 2182-2191.	3.8	8
15	Thiol-Based Probe for Electrophilic Natural Products Reveals That Most of the Ammosamides Are Artifacts. Journal of Natural Products, 2017, 80, 126-133.	3.0	27
16	Thiol Probes To Detect Electrophilic Natural Products Based on Their Mechanism of Action. ACS Chemical Biology, 2016, 11, 2328-2336.	3.4	53
17	Sioxanthin, a novel glycosylated carotenoid, reveals an unusual subclustered biosynthetic pathway. Environmental Microbiology, 2015, 17, 2158-2171.	3.8	49
18	Chlorizidine, a Cytotoxic 5H-Pyrrolo[2,1-a]isoindol-5-one-Containing Alkaloid from a Marine Streptomyces sp.. Organic Letters, 2013, 15, 988-991.	4.6	59

#	Article	IF	Citations
19	Antibacterials from the Sea. Chemistry - A European Journal, 2010, 16, 12512-12525.	3.3	130
20	Total Synthesis of the Ammosamides. Journal of the American Chemical Society, 2010, 132, 2528-2529.	13.7	67
21	Structures, Reactivities, and Antibiotic Properties of the Marinopyrroles Aâˆ'F. Journal of Organic Chemistry, 2010, 75, 3240-3250.	3.2	102
22	Ammosamidesâ€...A and B Target Myosin. Angewandte Chemie - International Edition, 2009, 48, 728-732.	13.8	99
23	The Ammosamides: Structures of Cell Cycle Modulators from a Marineâ€Derived Streptomyces Species. Angewandte Chemie - International Edition, 2009, 48, 725-727.	13.8	162
24	Marinopyrrole A Target Elucidation by Acyl Dye Transfer. Journal of the American Chemical Society, 2009, 131, 12094-12096.	13.7	106
25	The Marinopyrroles, Antibiotics of an Unprecedented Structure Class from a Marine Streptomyces sp.. Organic Letters, 2008, 10, 629-631.	4.6	269