

Daniel Vuong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3569188/publications.pdf>

Version: 2024-02-01

31
papers

504
citations

759055

12
h-index

713332

21
g-index

31
all docs

31
docs citations

31
times ranked

663
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery and Heterologous Biosynthesis of the Burnettramac Acids: Rare PKS-NRPS-Derived Bolaamphiphilic Pyrrolizidinediones from an Australian Fungus, <i>Aspergillus burnettii</i> . Organic Letters, 2019, 21, 1287-1291.	2.4	54
2	Induction of virulence factors in <i>Giardia duodenalis</i> independent of host attachment. Scientific Reports, 2016, 6, 20765.	1.6	47
3	Biosynthesis of a New Benzazepine Alkaloid Nanangelenin A from <i>Aspergillus nanangensis</i> Involves an Unusual Kynurenine-Incorporating NRPS Catalyzing Regioselective Lactamization. Journal of the American Chemical Society, 2020, 142, 7145-7152.	6.6	35
4	<i>Aspergillus hancockii</i> sp. nov., a biosynthetically talented fungus endemic to southeastern Australian soils. PLoS ONE, 2017, 12, e0170254.	1.1	35
5	Chemical Ecogenomics-Guided Discovery of Phytotoxic $\hat{\pm}$ -Pyrone from the Fungal Wheat Pathogen <i>Parastagonospora nodorum</i> . Organic Letters, 2018, 20, 6148-6152.	2.4	30
6	Kumbicins A-D: Bis-Indolyl Benzenoids and Benzoquinones from an Australian Soil Fungus, <i>Aspergillus kumbius</i> . Australian Journal of Chemistry, 2016, 69, 152.	0.5	28
7	<i>Aspergillus Sydowii</i> Marine Fungal Bloom in Australian Coastal Waters, Its Metabolites and Potential Impact on Symbiodinium Dinoflagellates. Marine Drugs, 2016, 14, 59.	2.2	27
8	Hancockiamides: phenylpropanoid piperazines from <i>Aspergillus hancockii</i> are biosynthesised by a versatile dual single-module NRPS pathway. Organic and Biomolecular Chemistry, 2021, 19, 587-595.	1.5	24
9	Banksialactones and Banksiamarins: Isochromanones and Isocoumarins from an Australian Fungus, <i>Aspergillus banksianus</i> . Journal of Natural Products, 2018, 81, 1517-1526.	1.5	22
10	Nanangenines: drimane sesquiterpenoids as the dominant metabolite cohort of a novel Australian fungus, <i>Aspergillus nanangensis</i> . Beilstein Journal of Organic Chemistry, 2019, 15, 2631-2643.	1.3	22
11	Comprehensive chemotaxonomic and genomic profiling of a biosynthetically talented Australian fungus, <i>Aspergillus burnettii</i> sp. nov.. Fungal Genetics and Biology, 2020, 143, 103435.	0.9	19
12	Amycolatopsins A-C: antimycobacterial glycosylated polyketide macrolides from the Australian soil <i>Amycolatopsis</i> sp. MST-108494. Journal of Antibiotics, 2017, 70, 1097-1103.	1.0	15
13	Expanding antibiotic chemical space around the nidulin pharmacophore. Organic and Biomolecular Chemistry, 2018, 16, 3038-3051.	1.5	15
14	Albanitriles A-G: Antiprotozoal Polyacetylene Nitriles from a <i>Mycale</i> Marine Sponge. Journal of Natural Products, 2019, 82, 3450-3455.	1.5	12
15	Talaxins: Hybrid Phenalenone Dimers from <i>Talaromyces stipitatus</i> . Journal of Natural Products, 2020, 83, 1051-1060.	1.5	12
16	The chemical gymnastics of enterocin: evidence for stereodivergence in Nature. Organic and Biomolecular Chemistry, 2020, 18, 5879-5890.	1.5	11
17	Semisynthesis and biological evaluation of a focused library of unguinol derivatives as next-generation antibiotics. Organic and Biomolecular Chemistry, 2021, 19, 1022-1036.	1.5	11
18	Proteomic diversity in a prevalent human-infective <i>Giardia duodenalis</i> sub-species. International Journal for Parasitology, 2018, 48, 817-823.	1.3	10

#	ARTICLE	IF	CITATIONS
19	Eukaryote-Conserved Methylarginine Is Absent in Diplomonads and Functionally Compensated in <i>Giardia</i> . <i>Molecular Biology and Evolution</i> , 2020, 37, 3525-3549.	3.5	9
20	A study of the chemical diversity of macroalgae from South Eastern Australia. <i>F&Oterap&A</i> , 2018, 126, 53-64.	1.1	8
21	Conglobatins B&E: cytotoxic analogues of the C2-symmetric macrodiolide conglobatin. <i>Journal of Antibiotics</i> , 2020, 73, 756-765.	1.0	8
22	Chlorinated metabolites from <i>Streptomyces</i> sp. highlight the role of biosynthetic mosaics and superclusters in the evolution of chemical diversity. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6147-6159.	1.5	8
23	Characterisation and heterologous biosynthesis of burnettiene A, a new polyene-decalin polyketide from <i>Aspergillus burnettii</i> . <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9506-9513.	1.5	8
24	TriTOX: A novel <i>Trichomonas vaginalis</i> assay platform for high-throughput screening of compound libraries. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021, 15, 68-80.	1.4	7
25	Siliquapyranone: A Tannic Acid Tetrahydropyran-2-one Isolated from the Leaves of Carob (<i>Ceratonia</i>) Tj ETQq1 1 0.784314 rgBT /Over 0,5		
26	Genome Mining of <i>Aspergillus hancockii</i> Unearths Cryptic Polyketide Hancockinone A Featuring a Prenylated 6/6/6/5 Carbocyclic Skeleton. <i>Organic Letters</i> , 2021, 23, 8789-8793.	2.4	6
27	Production of novel pladienolide analogues through native expression of a pathway-specific activator. <i>Chemical Science</i> , 2020, 11, 8249-8255.	3.7	5
28	Discovery of brevijanazines from <i>Aspergillus brevijanensis</i> reveals the molecular basis for <i>p</i> -nitrobenzoic acid in fungi. <i>Chemical Communications</i> , 2022, 58, 6296-6299.	2.2	5
29	Yeppoonic acids A&D: 1,2,4-trisubstituted arene carboxylic acid co-metabolites of conglobatin from an Australian <i>Streptomyces</i> sp.. <i>Journal of Antibiotics</i> , 2022, 75, 108-112.	1.0	3
30	Total Synthesis of the Antitumor&Antitubercular 2,6-Bijuglone Natural Product Diospyrin and Its 3,6-Isomer. <i>Journal of Natural Products</i> , 2020, 83, 3623-3634.	1.5	1
31	Evaluation of Benzguinols as Next-Generation Antibiotics for the Treatment of Multidrug-Resistant Bacterial Infections. <i>Antibiotics</i> , 2021, 10, 727.	1.5	1