

Peng Zhang

List of Publications by Year in descending order

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32
papers

1,003
citations

430874

18
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434195

31
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34
all docs

34
docs citations

34
times ranked

1007
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of carbon dots in environmental pollution control: A review. <i>Chemical Engineering Journal</i> , 2021, 406, 126848.	12.7	238
2	Varioxepine A, a 3 <i>H</i> -Oxepine-Containing Alkaloid with a New Oxa-Cage from the Marine Algal-Derived Endophytic Fungus <i>Paecilomyces variotii</i> . <i>Organic Letters</i> , 2014, 16, 4834-4837.	4.6	88
3	Angularly Prenylated Indole Alkaloids with Antimicrobial and Insecticidal Activities from an Endophytic Fungus <i>Fusarium sambucinum</i> TE-6L. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11994-12001.	5.2	46
4	Secondary Metabolites from the Marine Algal-Derived Endophytic Fungi: Chemical Diversity and Biological Activity. <i>Planta Medica</i> , 2016, 82, 832-842.	1.3	43
5	Prenylated Diphenyl Ethers from the Marine Algal-Derived Endophytic Fungus <i>Aspergillus tennesseensis</i> . <i>Molecules</i> , 2018, 23, 2368.	3.8	43
6	Prenylated indole alkaloids from the marine-derived fungus <i>Paecilomyces variotii</i> . <i>Chinese Chemical Letters</i> , 2015, 26, 313-316.	9.0	41
7	Newly reported alkaloids produced by marine-derived <i>Penicillium</i> species (covering 2014-2018). <i>Bioorganic Chemistry</i> , 2020, 99, 103840.	4.1	40
8	New butenolide derivatives from the marine-derived fungus <i>Paecilomyces variotii</i> with DPPH radical scavenging activity. <i>Phytochemistry Letters</i> , 2015, 11, 85-88.	1.2	38
9	Development of a fluorescence assay for highly sensitive detection of <i>Pseudomonas aeruginosa</i> based on an aptamer-carbon dots/graphene oxide system. <i>RSC Advances</i> , 2018, 8, 32454-32460.	3.6	38
10	Brocaeloids C, 4-Oxoquinoline and Indole Alkaloids with Reversed Prenylation from the Mangrove-Derived Endophytic Fungus <i>Penicillium brocae</i> . <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4029-4036.	2.4	35
11	Varioloid A, a new indolyl-6,10b-dihydro-5a <i>H</i> -[1]benzofuro[2,3- <i>b</i>]indole derivative from the marine alga-derived endophytic fungus <i>Paecilomyces variotii</i> EN-291. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2012-2018.	2.2	35
12	Cytological Assessments and Transcriptome Profiling Demonstrate that Evodiamine Inhibits Growth and Induces Apoptosis in a Renal Carcinoma Cell Line. <i>Scientific Reports</i> , 2017, 7, 12572.	3.3	34
13	Oxepine-Containing Diketopiperazine Alkaloids from the Algal-Derived Endophytic Fungus <i>Paecilomyces variotii</i> EN-291. <i>Helvetica Chimica Acta</i> , 2015, 98, 800-804.	1.6	27
14	Antifungal Prenylated Diphenyl Ethers from <i>Arthrinium arundinis</i> , an Endophytic Fungus Isolated from the Leaves of Tobacco (<i>Nicotiana tabacum</i> L.). <i>Molecules</i> , 2018, 23, 3179.	3.8	25
15	Fungal community analysis in seawater of the Mariana Trench as estimated by Illumina HiSeq. <i>RSC Advances</i> , 2019, 9, 6956-6964.	3.6	22
16	Herbicidal and Antifungal Xanthone Derivatives from the Alga-Derived Fungus <i>Aspergillus versicolor</i> D5. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11207-11214.	5.2	22
17	Characterization of a New Insecticidal Anthraquinone Derivative from an Endophyte of <i>Acremonium vitellinum</i> against <i>Helicoverpa armigera</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11480-11487.	5.2	21
18	A Systematic Review on Secondary Metabolites of <i>Paecilomyces</i> Species: Chemical Diversity and Biological Activity. <i>Planta Medica</i> , 2020, 86, 805-821.	1.3	21

#	ARTICLE	IF	CITATIONS
19	Cadinane- and drimane-type sesquiterpenoids produced by <i>Paecilomyces</i> sp. TE-540, an endophyte from <i>Nicotiana tabacum</i> L., are acetylcholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2020, 104, 104252.	4.1	18
20	Insecticidal Activities of Chloramphenicol Derivatives Isolated from a Marine Alga-Derived Endophytic Fungus, <i>Acremonium vitellinum</i> , against the Cotton Bollworm, <i>Helicoverpa armigera</i> (Hübner) (Lepidoptera: Noctuidae). <i>Molecules</i> , 2018, 23, 2995.	3.8	17
21	Antimicrobial Meroterpenoids and Erythritol Derivatives Isolated from the Marine-Algal-Derived Endophytic Fungus <i>Penicillium chrysogenum</i> XNM-12. <i>Marine Drugs</i> , 2020, 18, 578.	4.6	17
22	Metabolic Rewiring Improves the Production of the Fungal Active Targeting Molecule Fusarinine C. <i>ACS Synthetic Biology</i> , 2019, 8, 1755-1765.	3.8	16
23	Antimicrobial Secondary Metabolites from the Seawater-Derived Fungus <i>Aspergillus sydowii</i> SW9. <i>Molecules</i> , 2019, 24, 4596.	3.8	16
24	Benzophenone Derivatives from an Algal-Endophytic Isolate of <i>Penicillium chrysogenum</i> and Their Cytotoxicity. <i>Molecules</i> , 2018, 23, 3378.	3.8	15
25	Composition and Genetic Diversity of the <i>Nicotiana tabacum</i> Microbiome in Different Topographic Areas and Growth Periods. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3421.	4.1	15
26	Transcriptome Profiling and Cytological Assessments for Identifying Regulatory Pathways Associated With Diornicinol N-Induced Autophagy in A3 Cells. <i>Frontiers in Pharmacology</i> , 2020, 11, 570450.	3.5	7
27	Characterization of Nuclear and Mitochondrial Genomes of Two Tobacco Endophytic Fungi <i>Leptosphaerulina chartarum</i> and <i>Curvularia trifolii</i> and Their Contributions to Phylogenetic Implications in the Pleosporales. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2461.	4.1	7
28	Janthinoid A, an unprecedented trimeroterpenoid with highly modified bridged 4a,1-(epoxymethano)phenanthrene scaffold, produced by the endophyte of <i>Penicillium janthinellum</i> TE-43. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6196-6202.	4.5	7
29	The mitochondrial genome of <i>Arthrinium arundinis</i> and its phylogenetic position within Sordariomycetes. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 956-963.	7.5	4
30	Cytotoxic xanthenes from the plant endophytic fungus <i>Paecilomyces</i> sp. TE-540. <i>Natural Product Research</i> , 2021, 35, 6134-6140.	1.8	2
31	Tennesseeoid A, an Unprecedented Steroid-Sorbicillinoid Adduct From the Marine-Derived Endophyte of <i>Aspergillus</i> sp. Strain 1022LEF. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	2
32	Structurally diverse steroids from an endophyte of <i>Aspergillus tennesseensis</i> 1022LEF attenuates LPS-induced inflammatory response through the cholinergic anti-inflammatory pathway. <i>Chemico-Biological Interactions</i> , 2022, 362, 109998.	4.0	0