

Bin Yang

List of Publications by Year in descending order

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citations

257101

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docs citations

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times ranked

1700
citing authors

#	ARTICLE	IF	CITATIONS
1	Seasonal variations in depth of water uptake for a subtropical coniferous plantation subjected to drought in an East Asian monsoon region. <i>Agricultural and Forest Meteorology</i> , 2015, 201, 218-228.	1.9	176
2	Evapotranspiration partitioning through in-situ oxygen isotope measurements in an oasis cropland. <i>Agricultural and Forest Meteorology</i> , 2016, 230-231, 89-96.	1.9	90
3	Isochromophilones A–F, Cytotoxic Chloroazaphilones from the Marine Mangrove Endophytic Fungus <i>Diaporthe</i> sp. SCSIO 41011. <i>Journal of Natural Products</i> , 2018, 81, 934-941.	1.5	82
4	Cytotoxic and antiviral nitrobenzoyl sesquiterpenoids from the marine-derived fungus <i>Aspergillus ochraceus</i> Jcma1F17. <i>MedChemComm</i> , 2014, 5, 701-705.	3.5	78
5	New phenyl derivatives from endophytic fungus <i>Aspergillus flavipes</i> AIL8 derived of mangrove plant <i>Acanthus ilicifolius</i> . <i>F–toterap–Å</i> , 2014, 95, 194-202.	1.1	75
6	Antimicrobial and antiviral sesquiterpenoids from sponge-associated fungus, <i>Aspergillus sydowii</i> ZSDS1-F6. <i>Journal of Antibiotics</i> , 2014, 67, 581-583.	1.0	59
7	Coupling evapotranspiration partitioning with root water uptake to identify the water consumption characteristics of winter wheat: A case study in the North China Plain. <i>Agricultural and Forest Meteorology</i> , 2018, 259, 296-304.	1.9	52
8	New Prenylxanthenes from the Deep-Sea Derived Fungus <i>Emericella</i> sp. SCSIO 05240. <i>Marine Drugs</i> , 2014, 12, 3190-3202.	2.2	42
9	New Meroterpenoids from the Endophytic Fungus <i>Aspergillus flavipes</i> AIL8 Derived from the Mangrove Plant <i>Acanthus ilicifolius</i> . <i>Marine Drugs</i> , 2015, 13, 237-248.	2.2	41
10	Bioactive Novel Indole Alkaloids and Steroids from Deep Sea-Derived Fungus <i>Aspergillus fumigatus</i> SCSIO 41012. <i>Molecules</i> , 2018, 23, 2379.	1.7	41
11	The role of glomalin in mitigation of multiple soil degradation problems. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 1604-1638.	6.6	41
12	Perylenequinone Derivatives with Anticancer Activities Isolated from the Marine Sponge-Derived Fungus, <i>Alternaria</i> sp. SCSIO41014. <i>Marine Drugs</i> , 2018, 16, 280.	2.2	38
13	Cytotoxic and Antibacterial Eremophilane Sesquiterpenes from the Marine-Derived Fungus <i>Cochliobolus lunatus</i> SCSIO41401. <i>Journal of Natural Products</i> , 2018, 81, 1405-1410.	1.5	38
14	Influence of sulfur amendments on heavy metals phytoextraction from agricultural contaminated soils: A meta-analysis. <i>Environmental Pollution</i> , 2021, 288, 117820.	3.7	37
15	Irrigation depth far exceeds water uptake depth in an oasis cropland in the middle reaches of Heihe River Basin. <i>Scientific Reports</i> , 2015, 5, 15206.	1.6	35
16	Recognizing the role of plant species composition in the modification of soil nutrients and water in rubber agroforestry systems. <i>Science of the Total Environment</i> , 2020, 723, 138042.	3.9	35
17	Short-term effects of tillage and residue on spring maize yield through regulating root-shoot ratio in Northeast China. <i>Scientific Reports</i> , 2017, 7, 13314.	1.6	34
18	New chlorinated diphenyl ethers and xanthenes from a deep-sea-derived fungus <i>Penicillium chrysogenum</i> SCSIO 41001. <i>F–toterap–Å</i> , 2018, 125, 49-54.	1.1	34

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19	Structurally diverse diketopiperazine alkaloids from the marine-derived fungus <i>Aspergillus versicolor</i> SCSIO 41016. <i>Organic Chemistry Frontiers</i> , 2019, 6, 736-740.	2.3	34
20	Three new indolyl diketopiperazine metabolites from the antarctic soil-derived fungus <i>Penicillium</i> sp. SCSIO 05705. <i>RSC Advances</i> , 2015, 5, 68736-68742.	1.7	32
21	A global review of rubber plantations: Impacts on ecosystem functions, mitigations, future directions, and policies for sustainable cultivation. <i>Science of the Total Environment</i> , 2021, 796, 148948.	3.9	31
22	Xanthones and Quinolones Derivatives Produced by the Deep-Sea-Derived Fungus <i>Penicillium</i> sp. SCSIO Ind16F01. <i>Molecules</i> , 2017, 22, 1999.	1.7	29
23	Structurally diverse sesquiterpenoids and polyketides from a sponge-associated fungus <i>Aspergillus sydowii</i> SCSIO41301. <i>FÅ-toterapÅ-Åç</i> , 2019, 135, 27-32.	1.1	28
24	Contamination and source-specific risk analysis of soil heavy metals in a typical coal industrial city, central China. <i>Science of the Total Environment</i> , 2022, 836, 155694.	3.9	27
25	Cytotoxicity of polyketides and steroids isolated from the sponge-associated fungus <i>Penicillium citrinum</i> SCSIO 41017. <i>Natural Product Research</i> , 2021, 35, 900-908.	1.0	24
26	Biological indicators affected by land use change, soil resource availability and seasonality in dry tropics. <i>Ecological Indicators</i> , 2020, 115, 106369.	2.6	23
27	Emerixanthone E, a new xanthone derivative from deep sea fungus <i>Emericella</i> sp SCSIO 05240. <i>Natural Product Research</i> , 2019, 33, 2088-2094.	1.0	22
28	New Sinularianin Sesquiterpenes from Soft Coral <i>Sinularia</i> sp.. <i>Marine Drugs</i> , 2013, 11, 4741-4750.	2.2	21
29	Intercrops improve surface water availability in rubber-based agroforestry systems. <i>Agriculture, Ecosystems and Environment</i> , 2020, 298, 106937.	2.5	21
30	lakyricidins Aâ€D, Antiproliferative Piericidin Analogues Bearing a Carbonyl Group or Cyclic Skeleton from <i>Streptomyces lakyrus</i> SCSIO NS104. <i>Journal of Organic Chemistry</i> , 2019, 84, 12626-12631.	1.7	20
31	New quinoline alkaloid and bisabolane-type sesquiterpenoid derivatives from the deep-sea-derived fungus <i>Aspergillus</i> sp. SCSIO06786. <i>FÅ-toterapÅ-Åç</i> , 2020, 140, 104406.	1.1	19
32	Soil quality assessment of different <i>Hevea brasiliensis</i> plantations in tropical China. <i>Journal of Environmental Management</i> , 2021, 285, 112147.	3.8	19
33	Aspergone, a new chromanone derivative from fungus <i>Aspergillus</i> sp. SCSIO41002 derived of mangrove soil sample. <i>Journal of Antibiotics</i> , 2017, 70, 788-790.	1.0	18
34	Effects of hillslope position on soil water infiltration and preferential flow in tropical forest in southwest China. <i>Journal of Environmental Management</i> , 2021, 299, 113672.	3.8	18
35	Using a modified soil quality index to evaluate densely tilled soils with different yields in Northeast China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 13867-13877.	2.7	16
36	Cytotoxic Minor Piericidin Derivatives from the Actinomycete Strain <i>StreptomycesÂpsammoticus</i> SCSIO NS126. <i>Marine Drugs</i> , 2021, 19, 428.	2.2	16

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37	Seasonal and spatial variations of water use among riparian vegetation in tropical monsoon region of SW China. <i>Ecohydrology</i> , 2019, 12, e2085.	1.1	15
38	HPLC-DAD-Guided Isolation of Diversified Chaetoglobosins from the Coral-Associated Fungus <i>Chaetomium globosum</i> C2F17. <i>Molecules</i> , 2020, 25, 1237.	1.7	15
39	<i>p</i> -Terphenyls as Anti-HSV-1/2 Agents from a Deep-Sea-Derived <i>Penicillium</i> sp.. <i>Journal of Natural Products</i> , 2021, 84, 2822-2831.	1.5	15
40	Spatial-temporal differentiations in water use of coexisting trees from a subtropical evergreen broadleaved forest in Southwest China. <i>Agricultural and Forest Meteorology</i> , 2022, 316, 108862.	1.9	15
41	Lipopeptide Epimers and a Phthalide Glycerol Ether with AChE Inhibitory Activities from the Marine-Derived Fungus <i>Cochliobolus Lunatus</i> SCSIO41401. <i>Marine Drugs</i> , 2020, 18, 547.	2.2	14
42	Sinulolides A–H, New Cyclopentenone and Butenolide Derivatives from Soft Coral <i>Sinularia</i> sp.. <i>Marine Drugs</i> , 2014, 12, 5316-5327.	2.2	13
43	New Casbane Diterpenoids from the Hainan Soft Coral <i>Sinularia</i> Species. <i>Helvetica Chimica Acta</i> , 2015, 98, 834-841.	1.0	13
44	Sorbicillfurans A and B, two novel sorbicillinoid adducts from the fungus <i>Penicillium citrinum</i> SCSIO41402. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8721-8725.	1.5	13
45	New Alkaloids and Polyketides from the Marine Sponge-Derived Fungus <i>Penicillium</i> sp. SCSIO41015. <i>Marine Drugs</i> , 2019, 17, 398.	2.2	13
46	Glycosylated Natural Products From Marine Microbes. <i>Frontiers in Chemistry</i> , 2019, 7, 879.	1.8	12
47	Ene-yne Hydroquinones from a Marine-derived Strain of the Fungus <i>Pestalotiopsis neglecta</i> with Effects on Liver X Receptor Alpha. <i>Journal of Natural Products</i> , 2020, 83, 1258-1264.	1.5	12
48	Antioxidant CPA-type indole alkaloids produced from the deep-sea derived fungus <i>Aspergillus</i> sp. SCSIO 41024. <i>Natural Product Research</i> , 2021, 35, 5266-5270.	1.0	12
49	Xylaolide A, a new lactone from the fungus <i>Xylariaceae</i> sp. DPZ-SY43. <i>Natural Product Research</i> , 2014, 28, 967-970.	1.0	11
50	Phloroglucinol heterodimers and bis-indolyl alkaloids from the sponge-derived fungus <i>Aspergillus</i> sp. SCSIO 41018. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3053-3059.	2.3	11
51	Collacyclumines A–D from the endophytic fungus <i>Colletotrichum salsolae</i> SCSIO 41021 isolated from the mangrove <i>Kandelia candel</i> . <i>Phytochemistry</i> , 2020, 171, 112237.	1.4	11
52	Coffee performs better than amomum as a candidate in the rubber agroforestry system: Insights from water relations. <i>Agricultural Water Management</i> , 2021, 244, 106593.	2.4	11
53	Bioactive Polyketide and Diketopiperazine Derivatives from the Mangrove-Sediment-Derived Fungus <i>Aspergillus</i> sp. SCSIO41407. <i>Molecules</i> , 2021, 26, 4851.	1.7	11
54	Heterocornols from the Sponge-Derived Fungus <i>Pestalotiopsis heterocornis</i> with Anti-Inflammatory Activity. <i>Marine Drugs</i> , 2021, 19, 585.	2.2	11

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55	A New Macrodiolide and Two New Polycyclic Chromones from the Fungus <i>Penicillium</i> sp. SCSIO041218. <i>Molecules</i> , 2019, 24, 1686.	1.7	10
56	Characteristics of throughfall kinetic energy under the banana (<i>Musa nana</i> Lour.) canopy: The role of leaf shapes. <i>Catena</i> , 2021, 197, 104985.	2.2	10
57	The Fungal Metabolites with Potential Antiplasmodial Activity. <i>Current Medicinal Chemistry</i> , 2018, 25, 3796-3825.	1.2	10
58	Decay and erosion-related transport of sulfur compounds in soils of rubber based agroforestry. <i>Journal of Environmental Management</i> , 2020, 274, 111200.	3.8	9
59	Cyclic Peptides from the Soft Coral-Derived Fungus <i>Aspergillus sclerotiorum</i> SCSIO 41031. <i>Marine Drugs</i> , 2021, 19, 701.	2.2	8
60	Effects of a funnel-shaped canopy on rainfall redistribution and plant water acquisition in a banana (<i>Musa</i> spp.) plantation. <i>Soil and Tillage Research</i> , 2020, 203, 104686.	2.6	7
61	Bioactive secondary metabolites from the deep-sea derived fungus <i>Aspergillus</i> sp. SCSIO 41029. <i>Journal of Antibiotics</i> , 2021, 74, 156-159.	1.0	7
62	Effect of root exudates on soil carbon storage in trees' rhizosphere and interspace of a tropical dry forest. <i>Land Degradation and Development</i> , 2021, 32, 5281-5291.	1.8	6
63	Four new steroids from the marine soft coral-derived fungus <i>Penicillium</i> sp. SCSIO41201. <i>Chinese Journal of Natural Medicines</i> , 2020, 18, 250-255.	0.7	6
64	Azaphilones and Meroterpenoids from the Soft Coral-Derived Fungus <i>Penicillium glabrum</i> glmu003. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100663.	1.0	5
65	Aromatic Acids and Leucine Derivatives Produced from the Deep-Sea Actinomycetes <i>Streptomyces chumphonensis</i> SCSIO15079 with Antihyperlipidemic Activities. <i>Marine Drugs</i> , 2022, 20, 259.	2.2	5
66	Plant hydrological niches become narrow but stable as the complexity of interspecific competition increases. <i>Agricultural and Forest Meteorology</i> , 2022, 320, 108953.	1.9	5
67	Discovery of a Dimeric Zinc Complex and Five Cyclopentenone Derivatives from the Sponge-Associated Fungus <i>Aspergillus ochraceopetaliformis</i> . <i>ACS Omega</i> , 2021, 6, 8942-8949.	1.6	4
68	New Tetramic Acid Derivatives From the Deep-Sea-Derived Fungus <i>Penicillium</i> sp. SCSIO06868 With SARS-CoV-2 Mpro Inhibitory Activity Evaluation. <i>Frontiers in Microbiology</i> , 2021, 12, 730807.	1.5	4
69	A glyoxylate-containing benzene derivative and butenolides from a marine algicolous fungus <i>Aspergillus</i> sp. SCSIO 41304. <i>Natural Product Research</i> , 2023, 37, 441-448.	1.0	4
70	Colletoindole A from the Mangrove Plant Endophytic Fungus <i>Colletotrichum tropicale</i> SCSIO 41022. <i>Chemistry and Biodiversity</i> , 2020, 17, e1900040.	1.0	3
71	Dry-Season Fog Water Utilization by Epiphytes in a Subtropical Montane Cloud Forest of Southwest China. <i>Water (Switzerland)</i> , 2021, 13, 3237.	1.2	3
72	Soil water movement differences relating to banana (<i>Musa nana</i> Lour.) plantation regime. <i>Land Degradation and Development</i> , 2022, 33, 1821-1835.	1.8	3

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73	Gold-catalyzed oxidation of terminal alkynes to glyoxals and their reactions with 2-phenylimidazo[1,2-a]pyridines: one-pot synthesis of 1,2-diones. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8735-8739.	1.5	2
74	Large broad-leaved canopy of banana (<i>Musa nana</i> Lour.) induces dramatically high spatial and temporal variability of throughfall. <i>Hydrology Research</i> , 0, , .	1.1	2
75	Isolation, Characterization, and Bioactivity Evaluation of Alkaloids from Soft Coral <i>Sinularia kotanianensis</i> . <i>Chemistry of Natural Compounds</i> , 2016, 52, 564-566.	0.2	1