

Tian-Jiao Zhu

List of Publications by Year in Descending Order

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Version: 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

112
papers

2,021
citations

27
h-index

38
g-index

121
ext. papers

2,480
ext. citations

4.3
avg, IF

4.86
L-index

#	Paper	IF	Citations
112	Citreobenzofuran D-F and Phomenone A-B: Five Novel Sesquiterpenoids from the Mangrove-Derived Fungus sp. HDN13-494.. <i>Marine Drugs</i> , 2022 , 20,	6	3
111	Xanalterate A, alvertoxin VIII and IX, perylenequinone derivatives from antarctica-sponge-derived fungus <i>Alternaria</i> sp. HDN19-690. <i>Tetrahedron Letters</i> , 2022 , 153778	2	1
110	Brasilterpenes AB, Bergamotane Sesquiterpenoid Derivatives with Hypoglycemic Activity from the Deep Sea-Derived Fungus <i>Paraconiothyrium brasiliense</i> HDN15-135. <i>Marine Drugs</i> , 2022 , 20, 338	6	1
109	Talarodrides A-F, Nonadrides from the Antarctic Sponge-Derived Fungus sp. HDN1820200. <i>Journal of Natural Products</i> , 2021 ,	4.9	4
108	Saliniquinone Derivatives, Saliniquinones G-I and Heraclemycin E, from the Marine Animal-Derived HDN19-252. <i>Marine Drugs</i> , 2021 , 19,	6	3
107	HDN-1 induces cell differentiation toward apoptosis in promyelocytic leukemia cells depending on its selective effect on client proteins of Hsp90. <i>Toxicology and Applied Pharmacology</i> , 2021 , 417, 115459	4.6	1
106	Tetralone Derivatives From a Deep-Sea-Derived Fungus <i>Cladosporium</i> Sp. HDN17-58. <i>Natural Product Communications</i> , 2021 , 16, 1934578X2110083	0.9	3
105	Effective Generation of Glucosylpericidins with Selective Cytotoxicities and Insights into Their Biosynthesis. <i>Applied and Environmental Microbiology</i> , 2021 , 87, e0029421	4.8	4
104	Heterologous expression and metabolic engineering tools for improving terpenoids production. <i>Current Opinion in Biotechnology</i> , 2021 , 69, 281-289	11.4	4
103	Design, synthesis and lipid-lowering activities of penipyridone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 40, 116192	3.4	1
102	An efficient marker recycling system for sequential gene deletion in a deep sea-derived fungus sp. HDN16-126. <i>Synthetic and Systems Biotechnology</i> , 2021 , 6, 127-133	4.2	0
101	Ascandinines A-D, Indole Diterpenoids, from the Sponge-Derived Fungus HDN15-152. <i>Journal of Organic Chemistry</i> , 2021 , 86, 2431-2436	4.2	8
100	Antibacterial -Terphenyl with a Rare 2,2SBithiazole Substructure and Related Compounds Isolated from the Marine-Derived Actinomycete sp. HDN154086. <i>Journal of Natural Products</i> , 2021 , 84, 1226-1234	4.9	2
99	Penipyrols C-G and methyl-penipyrol A, Pyrone polyketides from the mangrove derived fungus <i>Penicillium</i> sp. HDN-11-131. <i>Bioorganic Chemistry</i> , 2021 , 113, 104975	5.1	4
98	Pyrazinopyrimidine alkaloids from a mangrove-derived fungus <i>Aspergillus versicolor</i> HDN11-84. <i>Phytochemistry</i> , 2021 , 188, 112817	4	3
97	Penicacids E-G, three new mycophenolic acid derivatives from the marine-derived fungus <i>Penicillium parvum</i> HDN17-478. <i>Chinese Journal of Natural Medicines</i> , 2020 , 18, 850-854	2.8	4
96	Cytotoxic Meroterpenoids from the Fungus <i>Alternaria</i> sp. JJY-32. <i>Chemistry and Biodiversity</i> , 2020 , 17, e2000226	2.5	2

95	Irregularly Bridged Epipolythiodioxopiperazines and Related Analogues: Sources, Structures, and Biological Activities. <i>Journal of Natural Products</i> , 2020 , 83, 2045-2053	4.9	10
94	Chemoreactive-Inspired Discovery of Influenza A Virus Dual Inhibitor to Block Hemagglutinin-Mediated Adsorption and Membrane Fusion. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 6924-6940	8.3	9
93	Amphiepicoccins A-J: Epipolythiodioxopiperazines from the Fish-Gill-Derived Fungus HDN17-88. <i>Journal of Natural Products</i> , 2020 , 83, 524-531	4.9	8
92	Overexpression of Global Regulator PbrlaeA Leads to the Discovery of New Polyketide in Fungus HDN-12-143. <i>Frontiers in Chemistry</i> , 2020 , 8, 270	5	2
91	Secondary Metabolites from Deep-Sea Derived Microorganisms. <i>Current Medicinal Chemistry</i> , 2020 , 27, 6244-6273	4.3	6
90	Antibacterial Polyketides from Antarctica Sponge-Derived Fungus sp. HDN151272. <i>Marine Drugs</i> , 2020 , 18,	6	8
89	Prenylated -Terphenyls from a Mangrove Endophytic Fungus, LDJ-5. <i>Journal of Natural Products</i> , 2020 , 83, 8-13	4.9	12
88	New metabolites from a Mariana Trench-derived actinomycete sp. HDN 17-237. <i>Journal of Asian Natural Products Research</i> , 2020 , 22, 1031-1036	1.5	3
87	Staprexanthonones, Xanthone-Type Stimulators of Pancreatic ECell Proliferation from a Mangrove Endophytic Fungus. <i>Journal of Natural Products</i> , 2020 , 83, 2996-3003	4.9	8
86	Thiocladospolides F-J, antibacterial sulfur containing 12-membered macrolides from the mangrove endophytic fungus <i>Cladosporium oxysporum</i> HDN13-314. <i>Phytochemistry</i> , 2020 , 178, 112462	4	12
85	Expanding the Structural Diversity of Drimentines by Exploring the Promiscuity of Two N-methyltransferases. <i>IScience</i> , 2020 , 23, 101323	6.1	6
84	Antibacterial Cyclic Tripeptides from Antarctica-Sponge-Derived Fungus HDN151418. <i>Marine Drugs</i> , 2020 , 18,	6	15
83	Dimeric Tetrahydroanthracene Regioisomers and Their Monomeric Precursor Produced by HDN10255. <i>Journal of Natural Products</i> , 2020 , 83, 2797-2802	4.9	2
82	Monacyclones G-K and -Gephyromycin A, Angucycline Derivatives from the Marine-Derived sp. HDN15129. <i>Journal of Natural Products</i> , 2020 , 83, 2749-2755	4.9	7
81	Chrysomutanin and related meroterpenoids from a DES mutant of the marine-derived fungus S-3-25. <i>Natural Product Research</i> , 2020 , 1-8	2.3	
80	Penispirozines A-H, Three Classes of Dioxopiperazine Alkaloids with Spirocyclic Skeletons Isolated from the Mangrove-Derived. <i>Journal of Natural Products</i> , 2020 , 83, 2647-2654	4.9	8
79	Anthraquinone Derivatives from a Marine-Derived Fungus HDN16-802. <i>Marine Drugs</i> , 2019 , 17,	6	11
78	Genomic Locus of a <i>Penicillium crustosum</i> Pigment as an Integration Site for Secondary Metabolite Gene Expression. <i>ACS Chemical Biology</i> , 2019 , 14, 1227-1234	4.9	8

77	New Glutamine-Containing Azaphilone Alkaloids from Deep-Sea-Derived Fungus HDN151398. <i>Marine Drugs</i> , 2019 , 17,	6	20
76	Phomanones A-C From Phoma sp. HDN16-618: A Mariana Trench Fungus. <i>Natural Product Communications</i> , 2019 , 14, 1934578X1985881	0.9	
75	Discovery of Two New Sorbicillinoids by Overexpression of the Global Regulator LaeA in a Marine-Derived Fungus YJ-11. <i>Marine Drugs</i> , 2019 , 17,	6	13
74	Secondary Metabolites Produced by Combined Culture of and a sp. <i>Journal of Natural Products</i> , 2019 , 82, 2013-2017	4.9	34
73	Methylsulfonylated Polyketides Produced by Neosartorya udagawae HDN13-313 via Exogenous Addition of Small Molecules. <i>Journal of Natural Products</i> , 2019 , 82, 998-1001	4.9	14
72	Fusaricates H-K and fusolanones A-B from a mangrove endophytic fungus <i>Fusarium solani</i> HDN15-410. <i>Phytochemistry</i> , 2019 , 158, 13-19	4	10
71	Secondary metabolites from Antarctic marine-derived fungus <i>Penicillium crustosum</i> HDN153086. <i>Natural Product Research</i> , 2019 , 33, 414-419	2.3	22
70	-Pyrone derivatives with cyto-protective activity from two Takla Makan desert soil derived actinomycete strains recovered in seawater based medium. <i>Natural Product Research</i> , 2019 , 33, 2498-2506	2.3	3
69	Saroclides A and B, Cyclic Depsipeptides from the Mangrove-Derived Fungus <i>Sarocladium kiliense</i> HDN11-112. <i>Journal of Natural Products</i> , 2018 , 81, 1050-1054	4.9	11
68	Determination of Taichunamide H and Structural Revision of Taichunamide A. <i>Organic Letters</i> , 2018 , 20, 1138-1141	6.2	16
67	Structure-based discovery of cytotoxic dimeric tetrahydroxanthones as potential topoisomerase I inhibitors from a marine-derived fungus. <i>European Journal of Medicinal Chemistry</i> , 2018 , 148, 268-278	6.8	20
66	Chetracins E and F, cytotoxic epipolythiodioxopiperazines from the marine-derived fungus <i>Acrostalagmus luteoalbus</i> HDN13-530. <i>RSC Advances</i> , 2018 , 8, 53-58	3.7	13
65	Characterization of the biosynthetic gene cluster of the polyene macrolide antibiotic reedsmycins from a marine-derived <i>Streptomyces</i> strain. <i>Microbial Cell Factories</i> , 2018 , 17, 98	6.4	10
64	Aniline-Tetramic Acids from the Deep-Sea-Derived Fungus <i>Cladosporium sphaerospermum</i> L3P3 Cultured with the HDAC Inhibitor SAHA. <i>Journal of Natural Products</i> , 2018 , 81, 1651-1657	4.9	29
63	Lipid-Lowering Polyketides from the Fungus <i>Penicillium Steckii</i> HDN13-279. <i>Marine Drugs</i> , 2018 , 16,	6	10
62	Anthranosides A-C, Anthranilate Derivatives from a Sponge-Derived <i>Streptomyces</i> sp. CMN-62. <i>Organic Letters</i> , 2018 , 20, 5466-5469	6.2	15
61	Discovery of an Unusual Fatty Acid Amide from the Gene Mutant of Marine-Derived. <i>Marine Drugs</i> , 2018 , 17,	6	4
60	Saroclazines A-C, thio-diketopiperazines from mangrove-derived fungi <i>Sarocladium kiliense</i> HDN11-84. <i>Archives of Pharmacal Research</i> , 2018 , 41, 30-34	6.1	10

59	Varilactones and wortmannilactones produced by <i>Penicillium variable</i> cultured with histone deacetylase inhibitor. <i>Archives of Pharmacal Research</i> , 2018 , 41, 57-63	6.1	10
58	Genome mining of cyclodipeptide synthases unravels unusual tRNA-dependent diketopiperazine-terpene biosynthetic machinery. <i>Nature Communications</i> , 2018 , 9, 4091	17.4	30
57	Cytotoxic Tetrahydroxanthone Dimers from the Mangrove-Associated Fungus HDN1009. <i>Marine Drugs</i> , 2018 , 16,	6	16
56	Sorbicillasins A?B and Scirpyrone K from a Deep-Sea-Derived Fungus, sp. FL30r. <i>Marine Drugs</i> , 2018 , 16,	6	8
55	Marine Streptomyces sp. derived antimycin analogues suppress HeLa cells via depletion HPV E6/E7 mediated by ROS-dependent ubiquitin-proteasome system. <i>Scientific Reports</i> , 2017 , 7, 42180	4.9	14
54	Geranylpyrrol A and Piericidin F from Streptomyces sp. CHQ-64 EdmF. <i>Journal of Natural Products</i> , 2017 , 80, 1684-1687	4.9	19
53	Penicisulfuranols A-F, Alkaloids from the Mangrove Endophytic Fungus <i>Penicillium janthinellum</i> HDN13-309. <i>Journal of Natural Products</i> , 2017 , 80, 71-75	4.9	53
52	Trichodermamides DE, heterocyclic dipeptides with a highly functionalized 1,2-oxazadecaline core isolated from the endophytic fungus <i>Penicillium janthinellum</i> HDN13-309. <i>RSC Advances</i> , 2017 , 7, 48019-48024 ⁹	3.7	27
51	Late-Stage Terpene Cyclization by an Integral Membrane Cyclase in the Biosynthesis of Isoprenoid Epoxycyclohexenone Natural Products. <i>Organic Letters</i> , 2017 , 19, 5376-5379	6.2	28
50	Inducing Secondary Metabolite Production by Combined Culture of <i>Talaromyces aculeatus</i> and <i>Penicillium variable</i> . <i>Journal of Natural Products</i> , 2017 , 80, 3167-3171	4.9	31
49	Versicones E-H and arugosin K produced by the mangrove-derived fungus <i>Aspergillus versicolor</i> HDN11-84. <i>Journal of Antibiotics</i> , 2017 , 70, 174-178	3.7	11
48	Isoindolone-Containing Meroperpenoids from the Endophytic Fungus <i>Emericella nidulans</i> HDN12-249. <i>Organic Letters</i> , 2016 , 18, 4670-3	6.2	19
47	Clindanones A and B and cladosporols F and G, polyketides from the deep-sea derived fungus <i>Cladosporium cladosporioides</i> HDN14-342. <i>RSC Advances</i> , 2016 , 6, 76498-76504	3.7	26
46	Exopisiod B and farylhydrazone C, two new alkaloids from the Antarctic-derived fungus <i>Penicillium</i> sp. HDN14-431. <i>Journal of Asian Natural Products Research</i> , 2016 , 18, 959-65	1.5	5
45	Naquihexcin A, a S-Bridged Pyranonaphthoquinone Dimer Bearing an Unsaturated Hexuronic Acid Moiety from a Sponge-Derived Streptomyces sp. HDN-10-293. <i>Organic Letters</i> , 2016 , 18, 3358-61	6.2	19
44	Penipyridones A-F, Pyridone Alkaloids from <i>Penicillium funiculosum</i> . <i>Journal of Natural Products</i> , 2016 , 79, 1783-90	4.9	18
43	Peniphenylanes A-G from the Deep-Sea-Derived Fungus <i>Penicillium fellutanum</i> HDN14-323. <i>Planta Medica</i> , 2016 , 82, 872-6	3.1	11
42	Advanced tools in marine natural drug discovery. <i>Current Opinion in Biotechnology</i> , 2016 , 42, 13-23	11.4	33

41	Neosartoryadins A and B, Fumiquinazoline Alkaloids from a Mangrove-Derived Fungus Neosartorya udagawae HDN13-313. <i>Organic Letters</i> , 2016 , 18, 244-7	6.2	65
40	Structure and absolute configuration of drimentine I, an alkaloid from Streptomyces sp. CHQ-64. <i>Journal of Antibiotics</i> , 2016 , 69, 467-9	3.7	11
39	Austalides S-U, New Meroterpenoids from the Sponge-Derived Fungus Aspergillus aureolatus HDN14-107. <i>Marine Drugs</i> , 2016 , 14,	6	23
38	Richness and bioactivity of culturable soil fungi from the Fildes Peninsula, Antarctica. <i>Extremophiles</i> , 2016 , 20, 425-35	3	13
37	Lipid-lowering polyketides from a soft coral-derived fungus Cladosporium sp. TZP29. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 3606-9	2.9	16
36	Spicarins AD from acetylated extract of fungus Spicaria elegans KLA03. <i>RSC Advances</i> , 2015 , 5, 35262-35266	3.66	19
35	Genome scanning inspired isolation of reedsmycins AB, polyene-polyol macrolides from Streptomyces sp. CHQ-64. <i>RSC Advances</i> , 2015 , 5, 22777-22782	3.7	14
34	Versixanthonones A-F, Cytotoxic Xanthone-Chromanone Dimers from the Marine-Derived Fungus Aspergillus versicolor HDN1009. <i>Journal of Natural Products</i> , 2015 , 78, 2691-8	4.9	54
33	Penicyclones A-E, Antibacterial Polyketides from the Deep-Sea-Derived Fungus Penicillium sp. F23-2. <i>Journal of Natural Products</i> , 2015 , 78, 2699-703	4.9	38
32	Identification of epipolythiodioxopiperazines HDN-1 and chaetocin as novel inhibitor of heat shock protein 90. <i>Oncotarget</i> , 2015 , 6, 5263-74	3.3	27
31	Chrodrimanins I and J from the Antarctic Moss-Derived Fungus Penicillium funiculosum GWT2-24. <i>Journal of Natural Products</i> , 2015 , 78, 1442-5	4.9	35
30	Phenylpyropenes E and F: new meroterpenes from the marine-derived fungus Penicillium concentricum ZLQ-69. <i>Journal of Antibiotics</i> , 2015 , 68, 748-51	3.7	16
29	Varitatin A, a Highly Modified Fatty Acid Amide from Penicillium variabile Cultured with a DNA Methyltransferase Inhibitor. <i>Journal of Natural Products</i> , 2015 , 78, 2841-5	4.9	26
28	Psychrophilins E-H and versicotide C, cyclic peptides from the marine-derived fungus Aspergillus versicolor ZLN-60. <i>Journal of Natural Products</i> , 2014 , 77, 2218-23	4.9	37
27	Secondary metabolites of a deep sea derived fungus Aspergillus versicolor CXCTD-06-6a and their bioactivity. <i>Journal of Ocean University of China</i> , 2014 , 13, 691-695	1	13
26	Activation of dormant secondary metabolite production by introducing neomycin resistance into the deep-sea fungus, Aspergillus versicolor ZBY-3. <i>Marine Drugs</i> , 2014 , 12, 4326-52	6	31
25	Anticancer efficacy and absorption, distribution, metabolism, and toxicity studies of aspergiolide A in early drug development. <i>Drug Design, Development and Therapy</i> , 2014 , 8, 1965-77	4.4	14
24	Nine new and five known polyketides derived from a deep sea-sourced Aspergillus sp. 16-02-1. <i>Marine Drugs</i> , 2014 , 12, 3116-37	6	48

23	Structures and antiviral activities of butyrolactone derivatives isolated from <i>Aspergillus terreus</i> MXH-23. <i>Journal of Ocean University of China</i> , 2014 , 13, 1067-1070	1	12
22	New Cytotoxic Metabolites from the Marine-Derived Fungus <i>Penicillium</i> sp. ZLN29. <i>Helvetica Chimica Acta</i> , 2013 , 96, 514-519	2	19
21	Four new chloro-eremophilane sesquiterpenes from an Antarctic deep-sea derived fungus, <i>Penicillium</i> sp. PR19N-1. <i>Marine Drugs</i> , 2013 , 11, 1399-408	6	56
20	Pyronepolyene C-glucosides with NF- κ B inhibitory and anti-influenza A viral (H1N1) activities from the sponge-associated fungus <i>Epicoccum</i> sp. JJY40. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 3188-90	2.9	54
19	Cytotoxic metabolites from the antarctic psychrophilic fungus <i>Oidiodendron truncatum</i> . <i>Journal of Natural Products</i> , 2012 , 75, 920-7	4.9	75
18	Strain and culture medium optimization for production enhancement of prodiginines from marine-derived <i>Streptomyces</i> sp. GQQ-10. <i>Journal of Ocean University of China</i> , 2012 , 11, 361-365	1	4
17	Prenylated Polyhydroxy-p-terphenyls from <i>Aspergillus taichungensis</i> ZHN-7-07. <i>Journal of Natural Products</i> , 2011 , 74, 1106-10	4.9	51
16	Two New Cyclic Pentapeptides from the Marine-Derived Fungus <i>Aspergillus versicolor</i> . <i>Helvetica Chimica Acta</i> , 2011 , 94, 1065-1070	2	23
15	Two New 23-Membered Macrolactones from a Terrestrial Bacterium, <i>Streptomyces</i> sp. IMBJ01. <i>Helvetica Chimica Acta</i> , 2011 , 94, 1448-1453	2	2
14	Pseurotin A1 and A2, two new 1-oxa-7-azaspiro[4.4]non-2-ene-4,6-diones from the holothurian-derived fungus <i>Aspergillus fumigatus</i> WFZ-25. <i>Canadian Journal of Chemistry</i> , 2011 , 89, 72-76 ^{0,9}	0.9	31
13	Two New Indole Alkaloids from the Marine-Derived Bacterium <i>Aeromonas</i> sp. CB101. <i>Helvetica Chimica Acta</i> , 2010 , 93, 791-795	2	51
12	Three New Indole-Containing Diketopiperazine Alkaloids from a Deep-Ocean Sediment Derived Fungus <i>Penicillium griseofulvum</i> . <i>Helvetica Chimica Acta</i> , 2010 , 93, 1758-1763	2	41
11	Two New Citrinin Dimers from a Volcano Ash-Derived Fungus, <i>Penicillium citrinum</i> HGY1-5. <i>Helvetica Chimica Acta</i> , 2010 , 93, 2224-2230	2	11
10	Bioactive Cytochalasins from <i>Aspergillus flavipes</i> , an Endophytic Fungus Associated with the Mangrove Plant <i>Acanthus ilicifolius</i> . <i>Helvetica Chimica Acta</i> , 2009 , 92, 1538-1544	2	52
9	Spicochalsin A and New Aspochalsins from the Marine-Derived Fungus <i>Spicaria elegans</i> . <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 3045-3051	3.2	70
8	iso- β -Cyclopiazonic acid, a new natural product isolated from the marine-derived fungus <i>Aspergillus flavus</i> C-F-3. <i>Chemistry of Natural Compounds</i> , 2009 , 45, 677-680	0.7	35
7	Deoxy-cytochalasins from a marine-derived fungus <i>Spicaria elegans</i> . <i>Canadian Journal of Chemistry</i> , 2009 , 87, 486-489	0.9	11
6	Cytotoxic sorbicillinoids and bisorbicillinoids from a marine-derived fungus <i>Trichoderma</i> sp. <i>Chemical and Pharmaceutical Bulletin</i> , 2009 , 57, 220-3	1.9	32

5	Cytotoxic polyketides from a marine-derived fungus <i>Aspergillus glaucus</i> . <i>Journal of Natural Products</i> , 2008 , 71, 1837-42	4.9	81
4	The antitumor components from marine-derived bacterium <i>Streptoverticillium luteoverticillatum</i> 11014 II. <i>Journal of Ocean University of China</i> , 2007 , 6, 193-195	1	2
3	Recent researches of bioactive metabolites in marine organisms-associated microorganisms. <i>Journal of Ocean University of China</i> , 2004 , 3, 150-156	1	6
2	Structural diversity and biological activity of natural p-terphenyls. <i>Marine Life Science and Technology</i> , 1	4.5	0
1	Linear polyketides produced by co-culture of <i>Penicillium crustosum</i> and <i>Penicillium fellutanum</i> . <i>Marine Life Science and Technology</i> , 1	4.5	0