Shan He

List of Publications by Year
in descending order

75 papers	1,440 citations	394421 19 h-index	377865 34 g-index
76 all docs	76 docs citations	76 times ranked	1673 citing authors

#	Article	IF	Citations
1	Flower-like BiOBr/UiO-66-NH2 nanosphere with improved photocatalytic property for norfloxacin removal. Chemosphere, 2019, 220, 98-106.	8.2	130
2	Fucoxanthin, a Marine Carotenoid, Reverses Scopolamine-Induced Cognitive Impairments in Mice and Inhibits Acetylcholinesterase in Vitro. Marine Drugs, 2016, 14, 67.	4.6	100
3	Fucoxanthin Inhibits Î²-Amyloid Assembly and Attenuates Î²-Amyloid Oligomer-Induced Cognitive Impairments. Journal of Agricultural and Food Chemistry, 2017, 65, 4092-4102.	5.2	98
4	Photocatalytic reduction of Uranium(VI) under visible light with Sn-doped In2S3 microspheres. Chemosphere, 2018, 212, 114-123.	8.2	80
5	Fabrication of the novel Ag-doped SnS2@InVO4 composite with high adsorption-photocatalysis for the removal of uranium (VI). Chemosphere, 2020, 260, 127548.	8.2	60
6	Fucoxanthin, a Marine Carotenoid, Attenuates Î²-Amyloid Oligomer-Induced Neurotoxicity Possibly via Regulating the PI3K/Akt and the ERK Pathways in SH-SY5Y Cells. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-10.	4.0	57
7	Two Novel Hepatocellular Carcinoma Cycle Inhibitory Cyclodepsipeptides from a Hydrothermal Vent Crab-Associated Fungus Aspergillus clavatus C2WU. Marine Drugs, 2013, 11, 4761-4772.	4.6	47
8	A Review of Anti-Inflammatory Compounds from Marine Fungi, 2000â€“2018. Marine Drugs, 2019, 17, 636.	4.6	47
9	Eckmaxol, a Phlorotannin Extracted from Ecklonia maxima, Produces Anti-Î²-amyloid Oligomer Neuroprotective Effects Possibly via Directly Acting on Glycogen Synthase Kinase 3Î². ACS Chemical Neuroscience, 2018, 9, 1349-1356.	3.5	41
10	Preparative isolation and purification of macrolactin antibiotics from marine bacterium Bacillus amyloliquefaciens using high-speed counter-current chromatography in stepwise elution mode. Journal of Chromatography A, 2013, 1272, 15-19.	3.7	37
11	Two new karlotoxins found in Karlodinium veneficum (strain GM2) from the East China Sea. Harmful Algae, 2016, 58, 66-73.	4.8	35
12	PLGA-PEG Nanoparticles Facilitate In Vivo Anti-Alzheimerâ€™s Effects of Fucoxanthin, a Marine Carotenoid Derived from Edible Brown Algae. Journal of Agricultural and Food Chemistry, 2021, 69, 9764-9777.	5.2	35
13	9-Methylfascaplysin Is a More Potent AÎ² Aggregation Inhibitor than the Marine-Derived Alkaloid, Fascaplysin, and Produces Nanomolar Neuroprotective Effects in SH-SY5Y Cells. Marine Drugs, 2019, 17, 121.	4.6	33
14	A Systematic Review of Recently Reported Marine Derived Natural Product Kinase Inhibitors. Marine Drugs, 2019, 17, 493.	4.6	32
15	5-Hydroxycyclopenicillone, a New Î²-Amyloid Fibrillization Inhibitor from a Sponge-Derived Fungus Trichoderma sp. HPQJ-34. Marine Drugs, 2017, 15, 260.	4.6	26
16	Preparative Separation of Sulfur-Containing Diketopiperazines from Marine Fungus Cladosporium sp. Using High-Speed Counter-Current Chromatography in Stepwise Elution Mode. Marine Drugs, 2015, 13, 354-365.	4.6	25
17	Production of New Antibacterial 4-Hydroxy-Î±-Pyrones by a Marine Fungus Aspergillus niger Cultivated in Solid Medium. Marine Drugs, 2019, 17, 344.	4.6	24
18	Response Surface Methodology Optimization of Fermentation Conditions for Rapid and Efficient Accumulation of Macrolactin A by Marine Bacillus amyloliquefaciens ESB-2. Molecules, 2013, 18, 408-417.	3.8	21

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19	Isolation and Purification of a Neuroprotective Phlorotannin from the Marine Algae Ecklonia maxima by Size Exclusion and High-Speed Counter-Current Chromatography. Marine Drugs, 2019, 17, 212.	4.6	21
20	Dietary bile acids reduce liver lipid deposition via activating farnesoid X receptor, and improve gut health by regulating gut microbiota in Chinese perch (Siniperca chuatsi). Fish and Shellfish Immunology, 2022, 121, 265-275.	3.6	21
21	Application of the Response Surface Methodology to Optimize the Fermentation Parameters for Enhanced Docosahexaenoic Acid (DHA) Production by Thraustochytrium sp. ATCC 26185. Molecules, 2018, 23, 974.	3.8	20
22	Isolation and Characterization of Two New Metabolites from the Sponge-Derived Fungus Aspergillus sp. LS34 by OSMAC Approach. Marine Drugs, 2019, 17, 283.	4.6	19
23	A new antibacterial chromone from a marine sponge-associated fungus Aspergillus sp. LS57. FÃ¬toterapÃ¬Ã¢, 2021, 154, 105004.	2.2	19
24	Determination of oxidized scytonemin in Nostoc commune Vauch cultured on different conditions by high performance liquid chromatography coupled with triple quadrupole mass spectrometry. Journal of Applied Phycology, 2013, 25, 1001-1007.	2.8	16
25	Three New Diketopiperazines from the Previously Uncultivable Marine Bacterium Gallaecimonas mangrovi HKâ€28 Cultivated by iChip. Chemistry and Biodiversity, 2020, 17, e2000221.	2.1	15
26	Enhancing Near-Room-Temperature GeTe Thermoelectrics through In/Pb Co-doping. ACS Applied Materials & Interfaces, 2021, 13, 37273-37279.	8.0	15
27	Preparative Isolation and Purification of Lignans from Justicia procumbens Using High-Speed Counter-Current Chromatography in Stepwise Elution Mode. Molecules, 2015, 20, 7048-7058.	3.8	14
28	Design, synthesis and biological research of novel N-phenylbenzamide-4-methylamine acridine derivatives as potential topoisomerase I/II and apoptosis-inducing agents. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126714.	2.2	14
29	Application of in situ cultivation in marine microbial resource mining. Marine Life Science and Technology, 2021, 3, 148-161.	4.6	14
30	Progress in the Development of Eukaryotic Elongation Factor 2 Kinase (eEF2K) Natural Product and Synthetic Small Molecule Inhibitors for Cancer Chemotherapy. International Journal of Molecular Sciences, 2021, 22, 2408.	4.1	14
31	Modulation of Lipid Metabolism by Deep-Sea Water in Cultured Human Liver (HepG2) Cells. Marine Biotechnology, 2014, 16, 219-229.	2.4	13
32	A new lateral root growth inhibitor from the sponge-derived fungus Aspergillus sp. LS45. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1593-1596.	2.2	13
33	Advancing thermoelectrics by vacancy engineering and band manipulation in Sb-doped SnTeâ€“CdTe alloys. Applied Physics Letters, 2021, 119, .	3.3	13
34	Accessing previously uncultured marine microbial resources by a combination of alternative cultivation methods. Microbial Biotechnology, 2021, 14, 1148-1158.	4.2	12
35	Saccharospirillum mangrovi sp. nov., a bacterium isolated from mangrove sediment. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 2813-2818.	1.7	12
36	Separation of five diketopiperazines from the marine fungusAlternaria alternateHKâ€25 by highâ€speed counterâ€current chromatography. Journal of Separation Science, 2019, 42, 2510-2516.	2.5	11

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37	Efficient Preparation of Bafilomycin A1 from Marine Streptomyces lohii Fermentation Using Three-Phase Extraction and High-Speed Counter-Current Chromatography. Marine Drugs, 2020, 18, 332.	4.6	11
38	Acremocholone, an Antiâ€Vibrio Steroid from the Marine Mesophotic Zone Ciocalypta Spongeâ€Associated Fungus Acremonium sp. NBUF150. Chemistry and Biodiversity, 2022, 19, .	2.1	11
39	5-Hydroxycyclopenicillone Inhibits Î²-Amyloid Oligomerization and Produces Anti-Î²-Amyloid Neuroprotective Effects In Vitro. Molecules, 2017, 22, 1651.	3.8	10
40	Discovery of Cymopolyphenols Aâ€“F From a Marine Mesophotic Zone Aaptos Sponge-Associated Fungus Cymostachys sp. NBUF082. Frontiers in Microbiology, 2021, 12, 638610.	3.5	10
41	Antimicrobial Terpenoids from South China Sea Soft Coral Lemnalia sp.. Marine Drugs, 2021, 19, 294.	4.6	10
42	Novel Antimycin Analogues with Agricultural Antifungal Activities from the Sponge-Associated Actinomycete Streptomyces sp. NBU3104. Journal of Agricultural and Food Chemistry, 2022, 70, 8309-8316.	5.2	10
43	Gallaecimonas mangrovi sp. nov., a novel bacterium isolated from mangrove sediment. Antonie Van Leeuwenhoek, 2018, 111, 1855-1862.	1.7	9
44	Preparative Separation and Purification of Trichothecene Mycotoxins from the Marine Fungus Fusarium sp. LS68 by High-Speed Countercurrent Chromatography in Stepwise Elution Mode. Marine Drugs, 2018, 16, 73.	4.6	9
45	Fucoxanthin has potential for therapeutic efficacy in neurodegenerative disorders by acting on multiple targets. Nutritional Neuroscience, 2022, 25, 2167-2180.	3.1	9
46	Comparative Metabolomics Reveals Fungal Conversion of Co-Existing Bacterial Metabolites within a Synthetic Aspergillus-Streptomyces Community. Marine Drugs, 2021, 19, 526.	4.6	9
47	Fucoxanthin alleviates methamphetamine-induced neurotoxicity possibly via the inhibition of interaction between Keap1 and Nrf2. Journal of Functional Foods, 2021, 86, 104713.	3.4	9
48	Feature-based molecular networking-guided discovery of siderophores from a marine mesophotic zone Axinellida sponge-associated actinomycete Streptomyces diastaticus NBU2966. Phytochemistry, 2022, 196, 113078.	2.9	9
49	Nardosinane-related antimicrobial terpenoids from Lemnalia sp. soft coral. Phytochemistry, 2022, 196, 113088.	2.9	8
50	A New Resveratrol Trimer from the Roots and Stems of Vitis wenchowensis. Molecules, 2013, 18, 7486-7491.	3.8	7
51	Efficient preparation of pseudoalteromone A from marine Pseudoalteromonas rubra QD1-2 by combination of response surface methodology and high-speed counter-current chromatography: a comparison with high-performance liquid chromatography. Applied Microbiology and Biotechnology, 2014, 98, 4369-4377.	3.6	7
52	New Dihydroisocoumarin Root Growth Inhibitors From the Sponge-Derived Fungus Aspergillus sp. NBUF87. Frontiers in Microbiology, 2019, 10, 2846.	3.5	7
53	A New Antibacterial Chlorinated Amino Acid Derivative from the Sponge-Derived Fungus Aspergillus sp. LS53. Chemistry of Natural Compounds, 2020, 56, 109-111.	0.8	7
54	Paraneptunicella aestuarii gen. nov., sp. nov., a member of the family Alteromonadaceae isolated from seawater in East China Sea. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	7

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55	Applying a Chemogeographic Strategy for Natural Product Discovery from the Marine Cyanobacterium Moorena bouillonii. Marine Drugs, 2020, 18, 515.	4.6	6
56	Cytotoxic Polyketide Metabolites from a Marine Mesophotic Zone Chalinidae Sponge-Associated Fungus Pleosporales sp. NBUF144. Marine Drugs, 2021, 19, 186.	4.6	6
57	Metabolomic Characterization of a cf. Neolyngbya Cyanobacterium from the South China Sea Reveals Wenchangamide A, a Lipopeptide with In Vitro Apoptotic Potential in Colon Cancer Cells. Marine Drugs, 2021, 19, 397.	4.6	6
58	Four new cembranoids from the South China Sea soft coral Sarcophyton trocheliophorum. Natural Product Research, 2023, 37, 39-46.	1.8	6
59	Discovery and Structure-Based Optimization of 6-Bromotryptamine Derivatives as Potential 5-HT2A Receptor Antagonists. Molecules, 2015, 20, 17675-17683.	3.8	5
60	Dietary supplementation of exogenous probiotics reduces excessive liver lipid deposition in Chinese perch (Siniperca chuatsi). Aquaculture Research, 2021, 52, 5430-5440.	1.8	5
61	Discovery of New Secondary Metabolites from Marine Bacteria Hahella Based on an Omics Strategy. Marine Drugs, 2022, 20, 269.	4.6	5
62	In silico, synthesis and anticancer evaluation of benzamide tryptamine derivatives as novel eEF2K inhibitors. Bioorganic and Medicinal Chemistry Letters, 2022, 67, 128759.	2.2	5
63	Efficient Preparation of Streptochlorin from Marine Streptomyces sp. SYYLWHS-1-4 by Combination of Response Surface Methodology and High-Speed Counter-Current Chromatography. Molecules, 2016, 21, 693.	3.8	4
64	Complete Genome Sequence of Saccharospirillum mangrovi HK-33T Sheds Light on the Ecological Role of a Bacterium in Mangrove Sediment Environment. Current Microbiology, 2019, 76, 231-236.	2.2	4
65	Six New Diterpene Glycosides from the Soft Coral Lemnaliabournei. Marine Drugs, 2021, 19, 339.	4.6	4
66	Targeted Isolation of a Cytotoxic Cyclic Hexadepsipeptide from the Mesophotic Zone Sponge-Associated Fungus Cymostachys sp. NBUF082. Marine Drugs, 2021, 19, 565.	4.6	4
67	Dendronecholones A-D, new anti-Vibrio steroids isolated from East China Sea Dendronephthya soft coral. Aquaculture, 2022, 549, 737727.	3.5	4
68	What depth should deep-sea water be pumped up from in the South China Sea for medicinal research?. Journal of Ocean University of China, 2013, 12, 134-138.	1.2	3
69	Molecular basis for the inhibitory effects of 5-hydroxycyclopenicillone on the conformational transition of Aî²40 monomer. Journal of Biomolecular Structure and Dynamics, 2020, 39, 1-12.	3.5	2
70	A Novel Methoxybenzyl 5-Nitroacridone Derivative Effectively Triggers G1 Cell Cycle Arrest in Chronic Myelogenous Leukemia K562 Cells by Inhibiting CDK4/6-Mediated Phosphorylation of Rb. International Journal of Molecular Sciences, 2020, 21, 5077.	4.1	2
71	A highâ€density genetic linkage map for Chinese perch (Siniperca chuatsi) using 2.3K genotypingâ€byâ€sequencing SNPs. Animal Genetics, 2021, 52, 311-320.	1.7	2
72	Targeted Discovery of Amantamide B, an Ion Channel Modulating Nonapeptide from a South China Sea Oscillatoria Cyanobacterium. Journal of Natural Products, 2022, 85, 493-500.	3.0	2

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73	Lingaoamide, a cyclic heptapeptide from a Chinese freshwater cyanobacterium Oscillatoria sp.. Tetrahedron Letters, 2021, 75, 153214.	1.4	1
74	Dietary with proper ratio of alphaâ€linolenic acid to linoleic acid enhanced the unsaturated fatty acids deposition of Chinese perch (Siniperca Chuatsi). Aquaculture Nutrition, 2021, 27, 73-85.	2.7	0
75	Differences of gut microbiota and lipid metabolism in Chinese perch (Siniperca chuatsi) with different growth rates. Aquaculture Research, 2022, 53, 1766-1781.	1.8	0