

# You-Cai Hu

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,684  
citations

218677

26  
h-index

302126

39  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2082  
citing authors

#	ARTICLE	IF	CITATIONS
1	A concise synthesis of herbertenolide. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2205-2208.	2.8	0
2	Flavin-Dependent Monooxygenase-Mediated 1,2-Oxazine Construction <i>via</i> Meisenheimer Rearrangement in the Biosynthesis of Paeciloxazine. <i>Journal of the American Chemical Society</i> , 2022, 144, 4269-4276.	13.7	13
3	Biosynthesis of rumbrins and inspiration for discovery of HIV inhibitors. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 4193-4203.	12.0	7
4	Investigation of citrinin and monacolin K gene clusters variation among pigment producer <i>Monascus</i> species. <i>Fungal Genetics and Biology</i> , 2022, 160, 103687.	2.1	9
5	Genome mining combined metabolic shunting and OSMAC strategy of an endophytic fungus leads to the production of diverse natural products. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 572-587.	12.0	33
6	Self-Resistance in the Biosynthesis of Fungal Macrolides Involving Cycles of Extracellular Oxidative Activation and Intracellular Reductive Inactivation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6639-6645.	13.8	30
7	Enzymatic dimerization in the biosynthetic pathway of microbial natural products. <i>Natural Product Reports</i> , 2021, 38, 1469-1505.	10.3	43
8	New insights into the disulfide bond formation enzymes in epidithiodiketopiperazine alkaloids. <i>Chemical Science</i> , 2021, 12, 4132-4138.	7.4	20
9	Gene mining and efficient biosynthesis of a fungal peptidyl alkaloid. <i>Chinese Herbal Medicines</i> , 2021, 13, 98-104.	3.0	0
10	Phomoidrides E-G, three dimeric anhydrides from the fungus <i>Pleosporales</i> sp. give new insight to the biosynthesis of phomoidrides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5926-5933.	4.5	5
11	Self-Resistance in the Biosynthesis of Fungal Macrolides Involving Cycles of Extracellular Oxidative Activation and Intracellular Reductive Inactivation. <i>Angewandte Chemie</i> , 2021, 133, 6713-6719.	2.0	4
12	Reisolation and Configurational Reinvestigation of Cottoquinazolines E-G from an Arthropod-Derived Strain of the Fungus <i>Neosartorya fischeri</i> . <i>Journal of Natural Products</i> , 2020, 83, 169-173.	3.0	11
13	Highly Oxygenated Caryophyllene-Type Sesquiterpenes from a Plant-Associated Fungus, <i>Pestalotiopsis hainanensis</i> , and Their Biosynthetic Gene Cluster. <i>Journal of Natural Products</i> , 2020, 83, 3262-3269.	3.0	6
14	Enzymatic Intermolecular Hetero-Diels-Alder Reaction in the Biosynthesis of Tropolonic Sesquiterpenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 14052-14056.	13.7	78
15	Six new monacolin analogs from red yeast rice. <i>Chinese Journal of Natural Medicines</i> , 2019, 17, 394-400.	1.3	2
16	Unprecedented [5.5.5.6]Dioxafenestrane Ring Construction in Fungal Insecticidal Sesquiterpene Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6569-6573.	13.8	27
17	Complexity and Diversity Generation in the Biosynthesis of Fumiquinazoline-Related Peptidyl Alkaloids. <i>Organic Letters</i> , 2019, 21, 1475-1479.	4.6	20
18	Pleosporalesones A-B, two unique polyketides isolated from <i>Pleosporales</i> sp.. <i>Tetrahedron Letters</i> , 2019, 60, 375-377.	1.4	2

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19	A Functional Signature Ontology (FUSION) screen detects an AMPK inhibitor with selective toxicity toward human colon tumor cells. <i>Scientific Reports</i> , 2018, 8, 3770.	3.3	14
20	Epigenetic modification in histone deacetylase deletion strain of <i>Calcarisporium arbuscula</i> leads to diverse diterpenoids. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 687-697.	12.0	21
21	Bysspectin A, an unusual octaketide dimer and the precursor derivatives from the endophytic fungus <i>Byssochlamys spectabilis</i> IMM0002 and their biological activities. <i>European Journal of Medicinal Chemistry</i> , 2018, 145, 717-725.	5.5	38
22	Activation of an unconventional meroterpenoid gene cluster in <i>Neosartorya glabra</i> leads to the production of new berkeleyacetals. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 478-487.	12.0	22
23	Highly Photosensitive Poly-Sulfur-Bridged Chetomin Analogues from <i>Chaetomium cochliodes</i> . <i>Organic Letters</i> , 2018, 20, 1806-1809.	4.6	12
24	Rational design for heterologous production of aurovertin-type compounds in <i>Aspergillus nidulans</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 297-304.	3.6	12
25	Diphenyl Ethers from a Marine-Derived <i>Aspergillus sydowii</i> . <i>Marine Drugs</i> , 2018, 16, 451.	4.6	24
26	Coordinated Biosynthesis of the Purine Nucleoside Antibiotics Aristeromycin and Coformycin in Actinomycetes. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	9
27	Biosynthesis of Heptacyclic Duclauxins Requires Extensive Redox Modifications of the Phenalenone Aromatic Polyketide. <i>Journal of the American Chemical Society</i> , 2018, 140, 6991-6997.	13.7	42
28	A Cascade of Redox Reactions Generates Complexity in the Biosynthesis of the Protein Phosphatase Inhibitor Rubratoxin. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4782-4786.	13.8	33
29	A Cascade of Redox Reactions Generates Complexity in the Biosynthesis of the Protein Phosphatase Inhibitor Rubratoxin. <i>Angewandte Chemie</i> , 2017, 129, 4860-4864.	2.0	4
30	Deletion of a Histone Acetyltransferase Leads to the Pleiotropic Activation of Natural Products in <i>Metarhizium robertsii</i> . <i>Organic Letters</i> , 2017, 19, 1686-1689.	4.6	70
31	Phloroglucinols with Antioxidant Activities Isolated from <i>Lysidice rhodostegia</i> . <i>Molecules</i> , 2017, 22, 855.	3.8	9
32	Epigenetic Genome Mining of an Endophytic Fungus Leads to the Pleiotropic Biosynthesis of Natural Products. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7592-7596.	13.8	76
33	A carbonate-forming Baeyer-Villiger monooxygenase. <i>Nature Chemical Biology</i> , 2014, 10, 552-554.	8.0	75
34	Discoipyrroles: Isolation, Structure Determination, and Synthesis of Potent Migration Inhibitors from <i>Bacillus hunanensis</i> . <i>Journal of the American Chemical Society</i> , 2013, 135, 13387-13392.	13.7	63
35	Hunanamycin A, an Antibiotic from a Marine-Derived <i>Bacillus hunanensis</i> . <i>Organic Letters</i> , 2013, 15, 390-393.	4.6	36
36	Using Functional Signature Ontology (FUSION) to Identify Mechanisms of Action for Natural Products. <i>Science Signaling</i> , 2013, 6, ra90.	3.6	66

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37	Nuclear export inhibition through covalent conjugation and hydrolysis of Leptomycin B by CRM1. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1303-1308.	7.1	163
38	Erythrolic acids Aâ€“E, Meroterpenoids from a Marine-Derived <i>Erythrobacter</i> sp.. Journal of Organic Chemistry, 2012, 77, 3401-3407.	3.2	26
39	Anthraquinones from a Marine-Derived <i>Streptomyces spinoverrucosus</i> . Journal of Natural Products, 2012, 75, 1759-1764.	3.0	31
40	A new peptide isolated from a marine derived <i>Streptomyces bacillaris</i> . Natural Product Communications, 2012, 7, 211-4.	0.5	5
41	Erythrazoles Aâ€“B, Cytotoxic Benzothiazoles from a Marine-Derived <i>Erythrobacter</i> sp.. Organic Letters, 2011, 13, 6580-6583.	4.6	56
42	Antioxidative acylphloroglucinols from the roots of <i>Lysidice rhodostegia</i> . Tetrahedron, 2011, 67, 8155-8159.	1.9	15
43	Chromomycin SA analogs from a marine-derived <i>Streptomyces</i> sp.. Bioorganic and Medicinal Chemistry, 2011, 19, 5183-5189.	3.0	24
44	Prenylated C6â€“C3 compounds with molecular diversity from the roots of <i>Illicium oligandrum</i> . Phytochemistry, 2011, 72, 115-125.	2.9	33
45	Structural characterization of trace stilbene glycosides in <i>Lysidice brevicalyx</i> Wei using liquid chromatography/diode-array detection/electrospray ionization tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 1-7.	2.3	6
46	Lysidicins Fâˆ“H, Three New Phloroglucinols from <i>Lysidice rhodostegia</i> . Organic Letters, 2010, 12, 2390-2393.	4.6	29
47	Phenolic glycosides isolated from the bark of <i>Lysidice brevicalyx</i> Wei. Journal of Asian Natural Products Research, 2010, 12, 516-521.	1.4	4
48	Rapid structural determination of modified pregnane glycosides from <i>Cynanchum forrestii</i> by liquid chromatographyâ€“diode-array detection/electrospray ionization multi-stage tandem mass spectrometry. Analytica Chimica Acta, 2008, 611, 187-196.	5.4	15
49	Targeted Isolation and Structure Elucidation of Stilbene Glycosides from the Bark of <i>Lysidice brevicalyx</i> Wei Guided by Biological and Chemical Screening. Journal of Natural Products, 2008, 71, 1800-1805.	3.0	29
50	Lignan Glycosides from <i>Neosalsomitra integrifoliola</i> . Journal of Natural Products, 2008, 71, 784-788.	3.0	22
51	Resveratrol/Phloroglucinol Glycosides from the Roots of <i>Lysidice rhodostegia</i> . Planta Medica, 2007, 73, 163-166.	1.3	18
52	Triterpenoids from the Roots of <i>Craibiodendron henryi</i> W. W. Smith. Journal of Integrative Plant Biology, 2007, 49, 1615-1618.	8.5	12
53	Two new compounds from the roots of <i>Lysidice rhodostegia</i> . Journal of Asian Natural Products Research, 2007, 9, 471-477.	1.4	14
54	Glucosides from the Roots of <i>Capparis tenera</i> . Chemistry and Biodiversity, 2007, 4, 2852-2862.	2.1	20

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55	Structure-activity studies of phenanthroindolizidine alkaloids as potential antitumor agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 4338-4342.	2.2	70
56	Cytotoxic Oxygenated Triterpenoid Saponins from <i>Symplocos chinensis</i> . <i>Journal of Natural Products</i> , 2006, 69, 1680-1686.	3.0	14
57	Novel Phloroglucinol Derivatives from the Roots of <i>Lysidicerhodostegia</i> . <i>Organic Letters</i> , 2006, 8, 2269-2272.	4.6	35
58	New Cassaine Diterpenoid Amides with Cytotoxic Activities from the Bark of <i>Erythrophleum fordii</i> . <i>Planta Medica</i> , 2006, 72, 442-449.	1.3	34
59	Iridoid Glycosides and Grayanane Diterpenoids from the Roots of <i>Craibiodendron henryi</i> . <i>Journal of Natural Products</i> , 2005, 68, 1646-1650.	3.0	36
60	Cytotoxic Triterpenoid Saponins from <i>Symplocos chinensis</i> . <i>Journal of Natural Products</i> , 2004, 67, 1969-1974.	3.0	29