

# Xia-Chang Wang

## List of Publications by Year in Descending Order

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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.

58 papers	923 citations	20 h-index	28 g-index
67 ext. papers	1,102 ext. citations	4.6 avg, IF	3.92 L-index

#	Paper	IF	Citations
58	Jatrophacine, a 4,5--rhamnofolane diterpenoid with potent anti-inflammatory activity from. <i>Natural Product Research</i> , <b>2021</b> , 35, 2748-2752	2.3	4
57	Enzymatic C-H Functionalization of L-Arg and L-Leu in Nonribosomally Derived Peptidyl Natural Products: A Tale of Two Oxidoreductases. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 19425-19437	16.4	0
56	Chemical Constituents of <i>Stachyurus chinensis</i> . <i>Chemistry of Natural Compounds</i> , <b>2021</b> , 57, 390-391	0.7	1
55	Terragines F-G produced by endophytic sp. SH-1.2-ROOT-18 from. <i>Natural Product Research</i> , <b>2021</b> , 1-6	2.3	5
54	Quantification and Pharmacokinetics Study of Pedunculoside in Rats by Using UPLC-MS/MS. <i>Current Pharmaceutical Analysis</i> , <b>2021</b> , 17, 731-737	0.6	
53	Dendrocrepidamine, a novel octahydroindolizine alkaloid from the roots of. <i>Journal of Asian Natural Products Research</i> , <b>2021</b> , 23, 1085-1092	1.5	2
52	Myrrhaterpenes A and B, anti-inflammatory cadinane sesquiterpenes from the resin of <i>Commiphora myrrha</i> . <i>Phytochemistry Letters</i> , <b>2021</b> , 44, 190-194	1.9	2
51	Metabolite identification of iridin in rats by using UHPLC-MS/MS and pharmacokinetic study of its metabolite irigenin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2021</b> , 1181, 122914	3.2	1
50	Cytotoxic Guaianolide Sesquiterpenoids from. <i>Journal of Natural Products</i> , <b>2021</b> , 84, 2568-2574	4.9	3
49	Huoshanmycins A-C, New Polyketide Dimers Produced by Endophytic sp. HS-3-L-1 From .. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 807508	5	0
48	The Anti-colitis Effect of Polysaccharide Is Associated With the Regulation of the Composition and Metabolism of Gut Microbiota. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 519479	5.9	15
47	New peptidendrocins and anticancer chartreusin from an endophytic bacterium of. <i>Annals of Translational Medicine</i> , <b>2020</b> , 8, 455	3.2	4
46	Pyridoxal-5Sphosphate-dependent alkyl transfer in nucleoside antibiotic biosynthesis. <i>Nature Chemical Biology</i> , <b>2020</b> , 16, 904-911	11.7	11
45	Anti-inflammatory octahydroindolizine alkaloid enantiomers from <i>Dendrobium crepidatum</i> . <i>Bioorganic Chemistry</i> , <b>2020</b> , 100, 103809	5.1	13
44	Chartspiroton, a Tetracyclic Spiro-naphthoquinone Derivative from a Medicinal Plant Endophytic. <i>Organic Letters</i> , <b>2020</b> , 22, 3739-3743	6.2	11
43	Insecticidal Endostemonines A-J Produced by Endophytic from. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 1588-1595	5.7	9
42	The triterpenoid sapogenin (2 $\beta$ H-Protopanoxadiol) ameliorates metabolic syndrome via the intestinal FXR/GLP-1 axis through gut microbiota remodelling. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 770	9.8	7

41	Ruthenium(II)-catalyzed CO/CS cyclization for the synthesis of 5-membered O-containing and S-containing heterocycles. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 846-851	5.2	6
40	Frenolicin B Targets Peroxiredoxin 1 and Glutaredoxin 3 to Trigger ROS/4E-BP1-Mediated Antitumor Effects. <i>Cell Chemical Biology</i> , <b>2019</b> , 26, 366-377.e12	8.2	19
39	Baraphenazines A-G, Divergent Fused Phenazine-Based Metabolites from a Himalayan Streptomyces. <i>Journal of Natural Products</i> , <b>2019</b> , 82, 1686-1693	4.9	15
38	Structure Determination, Functional Characterization, and Biosynthetic Implications of Nybomycin Metabolites from a Mining Reclamation Site-Associated. <i>Journal of Natural Products</i> , <b>2019</b> , 82, 3469-3476	4.9	6
37	Insights into the Target Interaction of Naturally Occurring Muraymycin Nucleoside Antibiotics. <i>ChemMedChem</i> , <b>2018</b> , 13, 779-784	3.7	21
36	Design, synthesis and biological evaluation of LX2343 derivatives as neuroprotective agents for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 145, 622-633	6.8	5
35	Discovery and structure-activity relationships study of thieno[2,3-b]pyridine analogues as hepatic gluconeogenesis inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 152, 307-317	6.8	20
34	Antibacterial Muraymycins from Mutant Strains of Streptomyces sp. NRRL 30471. <i>Journal of Natural Products</i> , <b>2018</b> , 81, 942-948	4.9	21
33	Self-Resistance during Muraymycin Biosynthesis: a Complementary Nucleotidyltransferase and Phosphotransferase with Identical Modification Sites and Distinct Temporal Order. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2018</b> , 62,	5.9	10
32	Puromycins B-E, Naturally Occurring Amino-Nucleosides Produced by the Himalayan Isolate Streptomyces sp. PU-14G. <i>Journal of Natural Products</i> , <b>2018</b> , 81, 2560-2566	4.9	10
31	Enzymatic Synthesis of the Ribosylated Glycyl-Uridine Disaccharide Core of Peptidyl Nucleoside Antibiotics. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 7239-7249	4.2	8
30	Mccrearamycins A-D, Geldanamycin-Derived Cyclopentenone Macrolactams from an Eastern Kentucky Abandoned Coal Mine Microbe. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 2994-2998	16.4	27
29	Mccrearamycins AD, Geldanamycin-Derived Cyclopentenone Macrolactams from an Eastern Kentucky Abandoned Coal Mine Microbe. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 3040-3044	3.6	4
28	Bi- and Tetracyclic Spirotetronates from the Coal Mine Fire Isolate Streptomyces sp. LC-6-2. <i>Journal of Natural Products</i> , <b>2017</b> , 80, 1141-1149	4.9	26
27	Spoxazomicin D and Oxachelin C, Potent Neuroprotective Carboxamides from the Appalachian Coal Fire-Associated Isolate Streptomyces sp. RM-14-6. <i>Journal of Natural Products</i> , <b>2017</b> , 80, 2-11	4.9	28
26	Antibacterial and Cytotoxic Actinomycins Y-Y and Zp from Streptomyces sp. Strain GEGS12. <i>Journal of Natural Products</i> , <b>2016</b> , 79, 2731-2739	4.9	22
25	Cytotoxic Indolocarbazoles from Actinomadura melliaura ATCC 39691. <i>Journal of Natural Products</i> , <b>2015</b> , 78, 1723-9	4.9	31
24	Terfestatins B and C, New p-Terphenyl Glycosides Produced by Streptomyces sp. RM-5-8. <i>Organic Letters</i> , <b>2015</b> , 17, 2796-9	6.2	34

23	A Divergent Enantioselective Strategy for the Synthesis of Griseusins. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 11371-11374	3.6	8
22	A divergent enantioselective strategy for the synthesis of griseusins. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 11219-22	16.4	21
21	Ruthmycin, a new tetracyclic polyketide from <i>Streptomyces</i> sp. RM-4-15. <i>Organic Letters</i> , <b>2014</b> , 16, 456-9.	9.2	20
20	Mullinamides A and B, new cyclopeptides produced by the Ruth Mullins coal mine fire isolate <i>Streptomyces</i> sp. RM-27-46. <i>Journal of Antibiotics</i> , <b>2014</b> , 67, 571-5	3.7	24
19	The native production of the sesquiterpene isopterocarpolone by <i>Streptomyces</i> sp. RM-14-6. <i>Natural Product Research</i> , <b>2014</b> , 28, 337-9	2.3	15
18	Venturicidin C, a new 20-membered macrolide produced by <i>Streptomyces</i> sp. TS-2-2. <i>Journal of Antibiotics</i> , <b>2014</b> , 67, 223-30	3.7	28
17	Frenolicins C-G, pyranonaphthoquinones from <i>Streptomyces</i> sp. RM-4-15. <i>Journal of Natural Products</i> , <b>2013</b> , 76, 1441-7	4.9	50
16	A diastereoselective oxa-Pictet-Spengler-based strategy for (+)-frenolicin B and epi-(+)-frenolicin B synthesis. <i>Organic Letters</i> , <b>2013</b> , 15, 5566-9	6.2	28
15	Herbimycins D-F, ansamycin analogues from <i>Streptomyces</i> sp. RM-7-15. <i>Journal of Natural Products</i> , <b>2013</b> , 76, 1619-26	4.9	31
14	A New Dolabrane-type Diterpene from <i>Ceriops tagal</i> . <i>Natural Product Communications</i> , <b>2010</b> , 5, 1934-57.	8.1	500
13	Tyrosinase inhibitory constituents from the roots of <i>Morus nigra</i> : a structure-activity relationship study. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 5368-73	5.7	96
12	Three new lupane-type triterpenes from <i>Ceriops tagal</i> . <i>Journal of Asian Natural Products Research</i> , <b>2010</b> , 12, 576-81	1.5	13
11	Terpenoids from Roots of <i>Chloranthus spicatus</i> . <i>Helvetica Chimica Acta</i> , <b>2010</b> , 93, 803-810	2	29
10	Sesquiterpenes and Dimers Thereof from <i>Chloranthus fortunei</i> . <i>Helvetica Chimica Acta</i> , <b>2009</b> , 92, 313-320	9	23
9	Chemical components and tyrosinase inhibitors from the twigs of <i>Artocarpus heterophyllus</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 6649-55	5.7	40
8	Jatrophalactam, a novel diterpenoid lactam isolated from <i>Jatropha curcas</i> . <i>Organic Letters</i> , <b>2009</b> , 11, 5522-4	6.2	31
7	A New Sesquiterpenoid from the Roots of <i>Chloranthus fortunei</i> . <i>Chinese Journal of Natural Medicines</i> , <b>2009</b> , 6, 404-407	2.8	13
6	A New Sesquiterpenoid from the Roots of <i>Chloranthus fortunei</i> . <i>Chinese Journal of Natural Medicines</i> , <b>2008</b> , 6, 404-407	2.8	4

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| 5 | Lindenane sesquiterpene dimers from Chloranthus fortunei. <i>Journal of Natural Products</i> , <b>2008</b> , 71, 674-74.9   | 31   |
| 4 | Guaiane Sesquiterpenoids from Jatropha curcas. <i>Natural Product Communications</i> , <b>2008</b> , 3, 1934578X0800301   | 0.9  |
| 3 | Two New Xanthone Glycosides from Ventilago Leiocarpa Benth. <i>Natural Product Communications</i> , <b>2008</b> , 3, 1934578X0800300                                      | 1    |
| 2 | A New Diterpenoid and a New Diterpenoid Alkaloid from Aconitum coreanum. <i>Helvetica Chimica Acta</i> , <b>2008</b> , 91, 759-765  | 2 12 |
| 1 | UPLC fingerprint combined with principal component analysis for quality control of Rheum palmatum. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1-8 | 1.3  |