

# Ren-Wang Jiang

## List of Publications by Year in descending order

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76  
papers

1,389  
citations

331670

21  
h-index

395702

33  
g-index

77  
all docs

77  
docs citations

77  
times ranked

1663  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxatub[4]arene: a smart macrocyclic receptor with multiple interconvertible cavities. <i>Chemical Science</i> , 2015, 6, 6731-6738.	7.4	111
2	Reversal of Multidrug Resistance in Cancer by Multi-Functional Flavonoids. <i>Frontiers in Oncology</i> , 2019, 9, 487.	2.8	108
3	Callistrilones A and B, Triketoneâ€“Phloroglucinolâ€“Monoterpene Hybrids with a New Skeleton from <i>Callistemon rigidus</i> . <i>Organic Letters</i> , 2016, 18, 120-123.	4.6	72
4	lboga-Type Alkaloids from <i>Ervatamia officinalis</i> . <i>Journal of Natural Products</i> , 2014, 77, 1839-1846.	3.0	54
5	Guapsidalâ€“A and Guadialsâ€“B and C: Three New Meroterpenoids with Unusual Skeletons from the Leaves of <i>Psidium guajava</i> . <i>Chemistry - A European Journal</i> , 2015, 21, 9022-9027.	3.3	51
6	Phloroglucinol Derivatives with Unusual Skeletons from <i>Cleistocalyx operculatus</i> and Their <i>In Vitro</i> Antiviral Activity. <i>Journal of Organic Chemistry</i> , 2018, 83, 8522-8532.	3.2	42
7	Isocoumarins from American cockroach ( <i>Periplaneta americana</i> ) and their cytotoxic activities. <i>FÃ–toterapÃ–</i> , 2014, 95, 115-120.	2.2	41
8	Cleistocaltones A and B, Antiviral Phloroglucinolâ€“Terpenoid Adducts from <i>Cleistocalyx operculatus</i> . <i>Organic Letters</i> , 2019, 21, 9579-9583.	4.6	38
9	Flueggeacosines Aâ€“C, Dimeric Securinine-Type Alkaloid Analogues with Neuronal Differentiation Activity from <i>Flueggea suffruticosa</i> . <i>Organic Letters</i> , 2018, 20, 7703-7707.	4.6	36
10	Cardenolides, toxicity, and the costs of sequestration in the coevolutionary interaction between monarchs and milkweeds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	36
11	UGT74AN1, a Permissive Glycosyltransferase from <i>Asclepias curassavica</i> for the Regiospecific Steroid 3-O-Glycosylation. <i>Organic Letters</i> , 2018, 20, 534-537.	4.6	35
12	Geleganidines Aâ€“C, Unusual Monoterpenoid Indole Alkaloids from <i>Gelsemium elegans</i> . <i>Journal of Natural Products</i> , 2015, 78, 2036-2044.	3.0	34
13	Structures, chemotaxonomic significance, cytotoxic and Na <sup>+</sup> ,K <sup>+</sup> -ATPase inhibitory activities of new cardenolides from <i>Asclepias curassavica</i> . <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8919-8929.	2.8	32
14	Bufospirostenin A and Bufogargarizin C, Steroids with Rearranged Skeletons from the Toad <i>Bufo bufo gargarizans</i> . <i>Journal of Natural Products</i> , 2017, 80, 1182-1186.	3.0	30
15	Isolation, chemotaxonomic significance and cytotoxic effects of quassinoids from <i>Brucea javanica</i> . <i>FÃ–toterapÃ–</i> , 2015, 105, 66-72.	2.2	29
16	(+)- and (âˆ“)-Cajanusine, a Pair of New Enantiomeric Stilbene Dimers with a New Skeleton from the Leaves of <i>Cajanus cajan</i> . <i>Organic Letters</i> , 2014, 16, 224-227.	4.6	27
17	Separation of three anthraquinone glycosides including two isomers by preparative highâ€“performance liquid chromatography and highâ€“speed countercurrent chromatography from <i>Rheum tanguticum</i> Maxim. ex Balf. <i>Journal of Separation Science</i> , 2016, 39, 3105-3112.	2.5	27
18	Asclepiasterol, a novel C21 steroidal glycoside derived from <i>Asclepias curassavica</i> , reverses tumor multidrug resistance by down-regulating P-glycoprotein expression. <i>Oncotarget</i> , 2016, 7, 31466-31483.	1.8	26

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19	2- <sup>2</sup> -Epi-uscharin from the Latex of <i>Calotropis gigantea</i> with HIF-1 Inhibitory Activity. <i>Scientific Reports</i> , 2014, 4, 4748.	3.3	25
20	Bufadienolides with cytotoxic activity from the skins of <i>Bufo bufo gargarizans</i> . <i>FÄ-toterapÄ-Äç</i> , 2015, 105, 7-15.	2.2	24
21	An Efficient Strategy Based on Liquid-Liquid Extraction with Three-Phase Solvent System and High Speed Counter-Current Chromatography for Rapid Enrichment and Separation of Epimers of Minor Bufadienolide from Toad Meat. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 1008-1014.	5.2	24
22	Melohemsines A-I, melodinus-type alkaloids from <i>Melodinus hemsleyanus</i> . <i>RSC Advances</i> , 2016, 6, 92218-92224.	3.6	23
23	Antiviral benzofurans from <i>Eupatorium chinense</i> . <i>Phytochemistry</i> , 2016, 122, 238-245.	2.9	23
24	Novel stereoselective bufadienolides reveal new insights into the requirements for Na <sup>+</sup> , K <sup>+</sup> -ATPase inhibition by cardiotonic steroids. <i>Scientific Reports</i> , 2016, 6, 29155.	3.3	22
25	Molecular mechanisms of bufadienolides and their novel strategies for cancer treatment. <i>European Journal of Pharmacology</i> , 2020, 887, 173379.	3.5	22
26	New iboga-type alkaloids from <i>Ervatamia hainanensis</i> . <i>RSC Advances</i> , 2016, 6, 30277-30284.	3.6	20
27	PH-zone-refining counter-current chromatography with a hydrophilic organic/salt-containing two-phase solvent system for preparative separation of polar alkaloids from natural products. <i>Journal of Chromatography A</i> , 2018, 1553, 1-6.	3.7	20
28	In Vivo Angiogenesis Screening and Mechanism of Action of Novel Tanshinone Derivatives Produced by One-Pot Combinatorial Modification of Natural Tanshinone Mixture from <i>Salvia Miltiorrhiza</i> . <i>PLoS ONE</i> , 2014, 9, e100416.	2.5	19
29	Novel securinine derivatives as topoisomerase I based antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 122, 149-163.	5.5	16
30	Cajanusflavanols A-C, Three Pairs of Flavonostilbene Enantiomers from <i>Cajanus cajan</i> . <i>Organic Letters</i> , 2018, 20, 876-879.	4.6	16
31	A bufadienolide derived androgen receptor antagonist with inhibitory activities against prostate cancer cells. <i>Chemico-Biological Interactions</i> , 2014, 207, 16-22.	4.0	15
32	Winchinines A and B, two unusual monoterpene indole alkaloids with a third nitrogen atom from <i>Winchia calophylla</i> . <i>RSC Advances</i> , 2016, 6, 59657-59660.	3.6	15
33	Metadynamics Simulation Study on the Conformational Transformation of Hhal Methyltransferase: An Induced-Fit Base-Flipping Hypothesis. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	14
34	Unprecedented Quassinoids from <i>Eurycoma longifolia</i> : Biogenetic Evidence and Antifeedant Effects. <i>Journal of Natural Products</i> , 2020, 83, 1674-1683.	3.0	14
35	An efficient strategy based on liquid-liquid extraction and pH-zone-refining counter-current chromatography for selective enrichment, separation, and purification of alkaloids and organic Acids from natural products. <i>Journal of Separation Science</i> , 2020, 43, 3607-3614.	2.5	13
36	New structures, chemotaxonomic significance and COX-2 inhibitory activities of cassane-type diterpenoids from the seeds of <i>Caesalpinia minax</i> . <i>RSC Advances</i> , 2015, 5, 76567-76574.	3.6	12

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37	Calotropin from <i>Asclepias curasavica</i> induces cell cycle arrest and apoptosis in cisplatin-resistant lung cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 710-715.	2.1	12
38	Structures and inhibitory activity against breast cancer cells of new bufadienolides from the eggs of toad <i>Bufo bufo gargarizans</i> . <i>RSC Advances</i> , 2016, 6, 93832-93841.	3.6	11
39	Isolation and identification of polyphenols from <i>Marsilea quadrifolia</i> with antioxidant properties <i>in vitro</i> and <i>in vivo</i> . <i>Natural Product Research</i> , 2016, 30, 1404-1410.	1.8	11
40	Caesalpinimin A, a novel rearranged furanoditerpene with an unprecedented carbon skeleton from the seeds of <i>Caesalpinia minax</i> Hance. <i>RSC Advances</i> , 2014, 4, 7440.	3.6	10
41	An Efficient One-Pot Enzymatic Synthesis of Cardiac Glycosides with Varied Sugar Chain Lengths. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3114-3119.	4.3	10
42	Enzymatic Synthesis of Puerarin Glucosides Using Cyclodextrin Glucanotransferase with Enhanced Antiosteoporosis Activity. <i>ACS Omega</i> , 2020, 5, 12251-12258.	3.5	10
43	Streptospirodienoic acids A and B, 6,6-spiroketal polyketides from <i>Streptomyces</i> sp.. <i>RSC Advances</i> , 2014, 4, 63324-63327.	3.6	9
44	Probing the stereoselectivity of OleD-catalyzed glycosylation of cardiotoxic steroids. <i>RSC Advances</i> , 2018, 8, 5071-5078.	3.6	9
45	An Efficient Protocol for Preparation of Gallic Acid from <i>Terminalia bellirica</i> (Gaertn.) Roxb by Combination of Macroporous Resin and Preparative High-Performance Liquid Chromatography. <i>Journal of Chromatographic Science</i> , 2016, 54, 1220-1224.	1.4	8
46	Isolation of novel biflavonoids from <i>Cardiocrinum giganteum</i> seeds and characterization of their antitussive activities. <i>Journal of Ethnopharmacology</i> , 2018, 222, 171-176.	4.1	8
47	Silybin B exerts protective effect on cisplatin-induced neurotoxicity by alleviating DNA damage and apoptosis. <i>Journal of Ethnopharmacology</i> , 2022, 288, 114938.	4.1	8
48	Oleonin, the first secoiridoid with 11 $\pm$ -configuration from <i>Ligustrum lucidum</i> . <i>RSC Advances</i> , 2013, 3, 16300.	3.6	7
49	Rapid Screening, Identification, Separation, and Purification of Four Bioactive Compounds from <i>Swertia mussotii</i> Franch. <i>Separation Science and Technology</i> , 2015, 50, 604-610.	2.5	7
50	An Efficient Strategy for the Glycosylation of Total Bufadienolides in <i>Venenum Bufonis</i> . <i>ACS Omega</i> , 2019, 4, 6819-6825.	3.5	7
51	Antineoplastic Constituents from the Chemical Diversified Extract of <i>Radix puerariae</i> . <i>Chemistry and Biodiversity</i> , 2019, 16, e1800408.	2.1	7
52	Absolute Configurations and Stereochemical Inversion Mechanism of Epimeric <i>Securinega</i> Alkaloids from <i>Flueggea suffruticosa</i> . <i>Organic Letters</i> , 2020, 22, 3673-3678.	4.6	7
53	Absolute configuration of podophyllotoxone and its inhibitory activity against human prostate cancer cells. <i>Chinese Journal of Natural Medicines</i> , 2015, 13, 59-64.	1.3	6
54	Spin-labeled derivatives of cardiotoxic steroids as tools for characterization of the extracellular entrance to the binding site on Na <sup>+</sup> , K <sup>+</sup> -ATPase. <i>FEBS Journal</i> , 2018, 285, 2292-2305.	4.7	6

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55	CGY-1, a biflavonoid isolated from <i>cardiocrinum giganteum</i> seeds, improves memory deficits by modulating the cholinergic system in scopolamine-treated mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 496-502.	5.6	6
56	An Efficient Strategy for the Chemo-Enzymatic Synthesis of Bufalin Glycosides with Improved Water Solubility and Inhibition against Na <sup>+</sup> , K <sup>+</sup> -ATPase. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000529.	2.1	6
57	Protective Effect of Penetratin Analogue-Tagged SOD1 on Cisplatin-Induced Nephrotoxicity through Inhibiting Oxidative Stress and JNK/p38 MAPK Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	4.0	6
58	Structures and Chemotaxonomic Significance of Stemona Alkaloids from <i>Stemona japonica</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501001.	0.5	5
59	Six New Pentacyclic Triterpenoids from the Fruit of <i>Camptotheca acuminata</i> . <i>Chemistry and Biodiversity</i> , 2017, 14, e1600180.	2.1	5
60	The applicability of pH-zone-refining counter-current chromatography for preparative separation of biosynthesis products: Glycosylation products as example. <i>Journal of Chromatography A</i> , 2021, 1657, 462582.	3.7	5
61	The applicability of high-speed counter-current chromatography for preparative separation of biosynthesis products: Glycosylation products as example. <i>Journal of Separation Science</i> , 2021, 44, 4368-4375.	2.5	5
62	Therapeutic Potential of Superoxide Dismutase Fused with Cell-Penetrating Peptides in Oxidative Stress-Related Diseases. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, .	2.4	5
63	Simultaneous quantification of six alkaloid components from commercial <i>stemona radix</i> by solid phase extraction-high-performance liquid chromatography coupled with evaporative light scattering detector. <i>Pharmacognosy Magazine</i> , 2015, 11, 360.	0.6	4
64	Myrcaulones A-C, Unusual Rearranged Triketone-Terpene Adducts from <i>Myrciaria cauliflora</i> . <i>Journal of Natural Products</i> , 2020, 83, 2410-2415.	3.0	4
65	New sesquiterpenoids with COX-2 inhibitory activity from the medical plant <i>Physalis alkekengi</i> L. var. <i>franchetii</i> . <i>FÄ-toterapÄ-Äç</i> , 2020, 141, 104470.	2.2	4
66	A previously undescribed phenylethanoid glycoside from <i>Callicarpa kwangtungensis</i> Chun acts as an agonist of the Na/K-ATPase signal transduction pathway. <i>Phytochemistry</i> , 2021, 181, 112577.	2.9	4
67	Hybrid interaction network of guanidinium-biphenyldisulfonic acid for the structure determination of liquid molecules. <i>CrystEngComm</i> , 2022, 24, 4144-4154.	2.6	4
68	Soluble Expression, One-Step Purification and Characterization of Recombinant Human Growth Hormone Fused with ompA3 in <i>Escherichia coli</i> . <i>Protein and Peptide Letters</i> , 2021, 28, 533-542.	0.9	3
69	Geometry and water accessibility of the inhibitor binding site of Na <sup>+</sup> -pump: Pulse- and CW-EPR study. <i>Biophysical Journal</i> , 2021, 120, 2679-2690.	0.5	1
70	Chemical constituents with inhibition against TNF-Î± from <i>Merrillanthus hainanensis</i> . <i>FÄ-toterapÄ-Äç</i> , 2021, 152, 104938.	2.2	1
71	Glycosylation of the polyphenols from <i>Resina draconis</i> by glycosyltransferase YjC1. <i>Natural Product Research</i> , 2022, , 1-8.	1.8	1
72	Time-Domain-Based Methyl Proton NMR with Absolute Quantitation Ability for Targeted Metabolomics. <i>Analytical Chemistry</i> , 2022, 94, 10062-10073.	6.5	1

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73	Deacetylcinobufalactam monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o651-o652.	0.2	0
74	1-Deacetoxy-1-oxocaesalmin. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o662-o662.	0.2	0
75	Syntheses, structures and properties of four second-sphere coordination complexes via metal halide anion and naphthalene-based ligand. Journal of Coordination Chemistry, 2015, 68, 3566-3579.	2.2	0
76	Epibisdehydroneotuberostemonine J. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1369-o1370.	0.2	0