

# Guo-Cai Wang

## List of Publications by Year in descending order

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71  
papers

1,222  
citations

394421

19  
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434195

31  
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71  
docs citations

71  
times ranked

1560  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenolic compounds from <i>Origanum vulgare</i> and their antioxidant and antiviral activities. <i>Food Chemistry</i> , 2014, 152, 300-306.	8.2	135
2	Matrine-Type Alkaloids from the Roots of <i>Sophora flavescens</i> and Their Antiviral Activities against the Hepatitis B Virus. <i>Journal of Natural Products</i> , 2018, 81, 2259-2265.	3.0	71
3	Clerodane Diterpenoids from <i>Croton crassifolius</i> . <i>Journal of Natural Products</i> , 2012, 75, 2188-2192.	3.0	63
4	Four Matrine-Based Alkaloids with Antiviral Activities against HBV from the Seeds of <i>Sophora alopecuroides</i> . <i>Organic Letters</i> , 2017, 19, 424-427.	4.6	62
5	Dimeric Matrine-Type Alkaloids from the Roots of <i>Sophora flavescens</i> and Their Anti-Hepatitis B Virus Activities. <i>Journal of Organic Chemistry</i> , 2016, 81, 6273-6280.	3.2	61
6	A network analysis of the Chinese medicine Lianhua-Qingwen formula to identify its main effective components. <i>Molecular BioSystems</i> , 2016, 12, 606-613.	2.9	43
7	Sophalines, Five Quinolizidine-Based Alkaloids with Antiviral Activities against the Hepatitis B Virus from the Seeds of <i>Sophora alopecuroides</i> . <i>Organic Letters</i> , 2018, 20, 5942-5946.	4.6	40
8	Diterpenoids from the roots of <i>Croton crassifolius</i> and their anti-angiogenic activity. <i>Phytochemistry</i> , 2016, 122, 270-275.	2.9	39
9	Î²-Carboline Alkaloids from the Seeds of <i>Peganum harmala</i> and Their Anti-HSV-2 Virus Activities. <i>Organic Letters</i> , 2020, 22, 7310-7314.	4.6	33
10	Five new phenolic glycosides from <i>Hedyotis scandens</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1379-1382.	2.2	32
11	Cytotoxic and anti-inflammatory active phloroglucinol derivatives from <i>Rhodomyrtus tomentosa</i> . <i>Phytochemistry</i> , 2018, 153, 111-119.	2.9	30
12	Quinolizidine alkaloids from <i>Sophora tonkinensis</i> and their anti-inflammatory activities. <i>FÄ-toterapÄ-Ä</i> , 2019, 139, 104391.	2.2	28
13	Sesquiterpene lactones from <i>Elephantopus mollis</i> and their anti-inflammatory activities. <i>Phytochemistry</i> , 2017, 137, 81-86.	2.9	25
14	PPÄ2 promotes autophagy and apoptosis in the nasopharyngeal carcinoma cell line CNEÄ2 by inducing endoplasmic reticulum stress, downregulating STAT3 signaling, and modulating the MAPK pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 2618-2630.	4.1	25
15	Phenolic Compounds from the Flowers of <i>Bombax malabaricum</i> and Their Antioxidant and Antiviral Activities. <i>Molecules</i> , 2015, 20, 19947-19957.	3.8	24
16	Drychampones AÄC: Three Meroterpenoids from <i>Dryopteris championii</i> . <i>Journal of Organic Chemistry</i> , 2016, 81, 9443-9448.	3.2	23
17	Monoterpene derivatives from the roots of <i>Paeonia lactiflora</i> and their anti-proliferative activity. <i>FÄ-toterapÄ-Ä</i> , 2014, 98, 124-129.	2.2	21
18	Securinega Alkaloids from <i>Flueggea leucopyra</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 390-393.	1.3	20

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19	New labdane diterpenoids from <i>Croton laui</i> and their anti-inflammatory activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4687-4691.	2.2	20
20	Grandiflodines A and B, two novel diterpenoid alkaloids from <i>Delphinium grandiflorum</i> . <i>RSC Advances</i> , 2017, 7, 24129-24132.	3.6	20
21	EM23, a natural sesquiterpene lactone, targets thioredoxin reductase to activate JNK and cell death pathways in human cervical cancer cells. <i>Oncotarget</i> , 2016, 7, 6790-6808.	1.8	20
22	Eudesmane-type sesquiterpene derivatives from <i>Laggera alata</i> . <i>Phytochemistry</i> , 2013, 96, 201-207.	2.9	18
23	Psiguadiols A–J, Rearranged Meroterpenoids as Potent PTP1B Inhibitors from <i>Psidium guajava</i> . <i>Journal of Natural Products</i> , 2019, 82, 3267-3278.	3.0	17
24	Alopecuroides A–E, Matrine-Type Alkaloid Dimers from the Aerial Parts of <i>Sophora alopecuroides</i> . <i>Journal of Natural Products</i> , 2019, 82, 3227-3232.	3.0	15
25	Two pregnane derivatives and a quinolone alkaloid from <i>Helicteres angustifolia</i> . <i>F–toterap–</i> , 2012, 83, 1643-1647.	2.2	14
26	Three new diterpenoids from <i>Croton laui</i> Merr. et Metc. <i>Natural Product Research</i> , 2017, 31, 1028-1033.	1.8	14
27	Terpenoids from the stems of <i>Celastrus hindsii</i> and their anti-RSV activities. <i>F–toterap–</i> , 2018, 130, 118-124.	2.2	14
28	Identification of Steroidogenic Components Derived From <i>Gardenia jasminoides</i> Ellis Potentially Useful for Treating Postmenopausal Syndrome. <i>Frontiers in Pharmacology</i> , 2018, 9, 390.	3.5	14
29	Antiviral dicaffeoyl derivatives from <i>Elephantopus scaber</i> . <i>Journal of Asian Natural Products Research</i> , 2011, 13, 665-669.	1.4	13
30	A new lignan from the roots of <i>Syringa pinnatifolia</i> . <i>Natural Product Research</i> , 2014, 28, 1894-1899.	1.8	13
31	Two new isoquinoline alkaloids from the seeds of <i>Nandina domestica</i> . <i>Natural Product Research</i> , 2021, 35, 3254-3260.	1.8	13
32	Four New Dilignans from the Roots of <i>Wikstroemia indica</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2012, 60, 920-923.	1.3	12
33	Six new prenylated acetophenone derivatives from the leaves of <i>Acronychia oligophlebia</i> . <i>F–toterap–</i> , 2015, 105, 156-159.	2.2	12
34	Watsonianone A from <i>Rhodomyrtus tomentosa</i> Fruit Attenuates Respiratory-Syncytial-Virus-Induced Inflammation <i>In Vitro</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3481-3489.	5.2	12
35	Diterpenoid Alkaloids from <i>Delphinium ajacis</i> and Their Anti-RSV Activities. <i>Planta Medica</i> , 2017, 83, 111-116.	1.3	12
36	A new amide and a new monoterpene from the seeds of <i>Clausena lansium</i> . <i>Natural Product Research</i> , 2013, 27, 558-562.	1.8	11

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37	Structurally Diverse <i>Matrine</i> -Based Alkaloids with Anti-inflammatory Effects from <i>Sophora alopecuroides</i> . Chinese Journal of Chemistry, 2021, 39, 3339-3346.	4.9	11
38	Water-soluble matrine-type alkaloids with potential anti-neuroinflammatory activities from the seeds of <i>Sophora alopecuroides</i> . Bioorganic Chemistry, 2021, 116, 105337.	4.1	11
39	Two Pairs of Epimeric Indole Alkaloids from <i>Catharanthus roseus</i> . Planta Medica, 2011, 77, 1739-1741.	1.3	10
40	Sophaloseedlines <i>A</i> - <i>G</i> : Diverse <i>Matrine</i> -Based Alkaloids from <i>Sophora alopecuroides</i> with Potential Anti-Hepatitis B Virus Activities. Chinese Journal of Chemistry, 2021, 39, 2555-2562.	4.9	10
41	Chemical Constituents of the Whole Plants of <i>Houttuynia cordata</i> . Chemistry of Natural Compounds, 2017, 53, 365-367.	0.8	9
42	Hyperpatulones <i>A</i> - <i>F</i> , polycyclic polyprenylated acylphloroglucinols from <i>Hypericum patulum</i> and their cytotoxic activities. RSC Advances, 2019, 9, 7961-7966.	3.6	9
43	Sesquiterpenoids from the Whole Plants of <i>Chloranthus holostegius</i> and Their Anti-inflammatory Activities. Chinese Journal of Chemistry, 2021, 39, 1168-1174.	4.9	9
44	Five matrine-type alkaloids from <i>Sophora tonkinensis</i> . Journal of Natural Medicines, 2021, 75, 682-687.	2.3	9
45	The cytotoxicology of momordicins I and II on <i>Spodoptera litura</i> cultured cell line SL-1. Pesticide Biochemistry and Physiology, 2015, 122, 110-118.	3.6	8
46	Phorbol ester-type diterpenoids from the twigs and leaves of <i>Croton tiglium</i> . Journal of Asian Natural Products Research, 2017, 19, 1191-1197.	1.4	8
47	Chemical constituents from the thorns of <i>Gleditsia sinensis</i> and their cytotoxic activities. Journal of Asian Natural Products Research, 2020, 22, 1121-1129.	1.4	8
48	Diastereoisomeric <i>ent</i> - <i>l</i> -Labdane Diterpenoids from <i>Andrographis paniculata</i> . Helvetica Chimica Acta, 2012, 95, 120-126.	1.6	7
49	New ursane-type triterpenoid saponins from the stem bark of <i>Schefflera heptaphylla</i> . <i>F</i> - <i>totera</i> , 2014, 92, 127-132.	2.2	7
50	A New Steroid Saponin from the Rhizomes of <i>Paris polyphylla</i> var. <i>yunnanensis</i> . Chemistry of Natural Compounds, 2017, 53, 93-98.	0.8	7
51	Cycloartane triterpenoid saponins from the herbs of <i>Thalictrum fortunei</i> . Carbohydrate Research, 2017, 445, 1-6.	2.3	6
52	New Acetophenone Derivatives from <i>Acronychia oligophlebia</i> and Their Anti-inflammatory and Antioxidant Activities. Chemistry and Biodiversity, 2018, 15, e18000080.	2.1	6
53	Six New Acylphloroglucinols from <i>Dryopteris championii</i> . Chemistry and Biodiversity, 2017, 14, e1700001.	2.1	5
54	Six New Pentacyclic Triterpenoids from the Fruit of <i>Camptotheca acuminata</i> . Chemistry and Biodiversity, 2017, 14, e1600180.	2.1	5

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55	Isolation and identification of new prenylated acetophenone derivatives from <i>Acronychia oligophlebia</i> . <i>Natural Product Research</i> , 2019, 33, 2230-2235.	1.8	5
56	Antiviral and Antioxidant Components from the Fruits of <i>Illicium verum</i> Hook.f. (Chinese Star). <i>Journal of Natural Products</i> , 2019, 2019, 1-10.	9.2	5
57	Antagonism of Ca <sup>2+</sup> Influx via L-Type Ca <sup>2+</sup> Channels Mediates the Vasorelaxant Effect of Catharanthus roseus-Derived Vindorosine in Rat Renal Artery. <i>Planta Medica</i> , 2014, 80, 1672-1677.	1.3	4
58	Crystal structure of betulinic acid methanol monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o1242-o1243.	0.2	4
59	Three New Triterpenoids from the Bark and Twigs of <i>Schima crenata</i> . <i>Chemistry Letters</i> , 2019, 48, 634-636.	1.3	4
60	Two New Compounds from <i>Wedelia chinensis</i> and Their Anti-inflammatory Activities. <i>ChemistrySelect</i> , 2018, 3, 3459-3462.	1.5	3
61	Isolation and crystal structure of 4-((2-(methoxycarbonyl)phenyl)amino)-2-methyl-4-oxobutanoic acid from <i>Delphinium Grandiflorum</i> , C <sub>13</sub> H <sub>15</sub> N <sub>1</sub> O <sub>5</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019, 234, 521-522.	0.3	3
62	Isopropylpyrone and Phenylpyrones from the Leaves of <i>Hypericum monogynum</i> . <i>ChemistrySelect</i> , 2020, 5, 2317-2321.	1.5	3
63	One new sesquiterpene pyridine alkaloid from the stems and leaves of <i>Euonymus fortunei</i> . <i>Journal of Asian Natural Products Research</i> , 2021, 23, 399-406.	1.4	3
64	Stilbene dimer xylosides and flavanols from the roots of <i>Lysidice rhodostegia</i> and their antioxidant activities. <i>FITOTERAPIA</i> , 2021, 153, 104997.	2.2	2
65	Three new sesquiterpene lactones from the whole plants of <i>Elephantopus scaber</i> . <i>Natural Product Research</i> , 2022, 36, 3619-3625.	1.8	1
66	Crystal structure of (E)-resveratrol 3-O-β-D-xylopyranoside, C <sub>19</sub> H <sub>22</sub> O <sub>8</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2021, 236, 367-368.	0.3	1
67	Crystal structure of camptothecin, C <sub>20</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018, 233, 365-367.	0.3	0
68	Crystal structure of ajacisine D monohydrate, C <sub>30</sub> H <sub>44</sub> N <sub>2</sub> O <sub>9</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019, 234, 527-529.	0.3	0
69	The crystal structure of (2a,2a,3a,3a,5a,7a)-5-(furan-3-yl)-2a,2a,3a,3a,5a,7a-dihydroxy-7a-methyldecahydro-2H-chromene. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2021, 236, 1359-1361.	0.3	0
70	Crystal structure of 10-oxysophoridine, C <sub>15</sub> H <sub>22</sub> N <sub>2</sub> O <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2021, 236, 15-16.	0.3	0
71	Three new compounds isolated from the whole plants of <i>Salsola collina</i> pall. <i>Natural Product Research</i> , 2022, , 1-8.	1.8	0