Wei-Lie Xiao

List of Publications by Year in descending order

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121 papers 2,409 citations

257450 24 h-index 265206 42 g-index

124 all docs

 $\begin{array}{c} 124 \\ \text{docs citations} \end{array}$

times ranked

124

1925 citing authors

#	Article	IF	CITATIONS
1	Triterpenoids from the Schisandraceae family. Natural Product Reports, 2008, 25, 871.	10.3	227
2	Triterpenoids from the Schisandraceae family: an update. Natural Product Reports, 2015, 32, 367-410.	10.3	150
3	Rubriflordilactones A and B, Two Novel Bisnortriterpenoids fromSchisandrarubrifloraand Their Biological Activities. Organic Letters, 2006, 8, 991-994.	4.6	106
4	Lancifodilactone C:  A Unique Nortriterpenoid Isolated fromSchisandralancifoliaand Its Anti-HIV Activity. Organic Letters, 2005, 7, 2145-2148.	4.6	64
5	Phytochemistry and pharmacology of the genus Leonurus: The herb to benefit the mothers and more. Phytochemistry, 2018, 147, 167-183.	2.9	56
6	Machine learning approaches for elucidating the biological effects of natural products. Natural Product Reports, 2021, 38, 346-361.	10.3	56
7	Lancifodilactone F:  A Novel Nortriterpenoid Possessing a Unique Skeleton fromSchisandralancifoliaand Its Anti-HIV Activity. Organic Letters, 2005, 7, 1263-1266.	4.6	55
8	Triterpenoids from Schisandra lancifolia with Anti-HIV-1 Activity. Journal of Natural Products, 2006, 69, 277-279.	3.0	51
9	Momordin Ic, a new natural SENP1 inhibitor, inhibits prostate cancer cell proliferation. Oncotarget, 2016, 7, 58995-59005.	1.8	50
10	Nortriterpenoids and lignans from Schisandra sphenanthera. Phytochemistry, 2008, 69, 2862-2866.	2.9	49
11	Kadcoccilactones Aâ^'J, Triterpenoids from <i>Kadsura coccinea</i> . Journal of Natural Products, 2008, 71, 1182-1188.	3.0	47
12	CDDO-Me reveals USP7 as a novel target in ovarian cancer cells. Oncotarget, 2016, 7, 77096-77109.	1.8	45
13	Three Novel Terpenoids fromSchisandra pubescens var.pubinervis. Helvetica Chimica Acta, 2006, 89, 1169-1175.	1.6	43
14	Dibenzocyclooctadiene Lignans from <i>Schisandra wilsoniana</i> and Their Anti-HIV-1 Activities. Journal of Natural Products, 2010, 73, 915-919.	3.0	42
15	Kadcoccitones A and B, Two New 6/6/5/5-Fused Tetracyclic Triterpenoids from <i>Kadsura coccinea</i> Organic Letters, 2012, 14, 6362-6365.	4.6	40
16	Nortriterpenoids from Schisandra lancifolia. Journal of Natural Products, 2006, 69, 650-653.	3.0	36
17	Eight New Diterpenoids from the Roots of <i>Euphorbia nematocypha</i> . Helvetica Chimica Acta, 2008, 91, 2139-2147.	1.6	35
18	Sphenadilactones A and B, Two Novel Nortriterpenoids from Schisandra sphenanthera. Organic Letters, 2006, 8, 1475-1478.	4.6	34

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19	Structure Elucidation and Theoretical Investigation of Key Steps in the Biogenetic Pathway of Schisanartane Nortriterpenoids by Using DFT Methods. Chemistry - A European Journal, 2008, 14, 11584-11592.	3.3	34
20	Bioactive Nortriterpenoids from <i>Schisandra grandiflora</i> . Journal of Natural Products, 2009, 72, 1678-1681.	3.0	34
21	Chemical Constituents from the Leaves and Stems of Schisandra rubriflora. Journal of Natural Products, 2010, 73, 221-225.	3.0	31
22	Structure and bioactivity of triterpenoids from the stems of Schisandra sphenanthera. Archives of Pharmacal Research, 2014, 37, 168-174.	6.3	27
23	Synthesis and biological evaluation of a series of 2-(((5-akly/aryl-1H-pyrazol-3-yl)methyl)thio)-5-alkyl-6-(cyclohexylmethyl)-pyrimidin-4(3H)-ones as potential HIV-1 inhibitors. Acta Pharmaceutica Sinica B, 2020, 10, 512-528.	12.0	27
24	Highly oxygenated lanostane-type triterpenoids and their bioactivity from the fruiting body of Ganoderma gibbosum. Fìtoterapìâ, 2017, 119, 1-7.	2.2	26
25	Callicarpins, Two Classes of Rearranged <i>ent</i> -Clerodane Diterpenoids from <i>Callicarpa</i> Plants Blocking NLRP3 Inflammasome-Induced Pyroptosis. Journal of Natural Products, 2020, 83, 2191-2199.	3.0	26
26	Nortriterpenoids from <i>Schisandra wilsoniana</i> . Helvetica Chimica Acta, 2008, 91, 1871-1878.	1.6	24
27	Four New Schisanartane-Type Nortriterpenoids fromSchisandra propinqua var.propinqua. Helvetica Chimica Acta, 2007, 90, 1399-1405.	1.6	23
28	Kadcoccinic Acids A–J, Triterpene Acids from <i>Kadsura coccinea</i> . Journal of Natural Products, 2015, 78, 2067-2073.	3.0	23
29	Euphopias Aâ€"C: Three Rearranged Jatrophane Diterpenoids with Tricyclo[8.3.0.0 ^{2,7}]tridecane and Tetracyclo[11.3.0.0 ^{2,10} .0 ^{3,7}]hexadecane Cores from <i>Euphorbia helioscopia ⟨i⟩. Organic Letters. 2020. 22. 7820-7824.</i>	4.6	23
30	LC–UV-Guided Isolation and Structure Determination of Lancolide E: A Nortriterpenoid with a Tetracyclo[5.4.0.0 ^{2,4} .0 ^{3,7}]undecane-Bridged System from a "Talented―⟨i>Schisandra⟩ Plant. Organic Letters, 2016, 18, 100-103.	4.6	22
31	Toonaolides A–X, limonoids from Toona ciliata: Isolation, structural elucidation, and bioactivity against NLRP3 inflammasome. Bioorganic Chemistry, 2020, 105, 104363.	4.1	22
32	Synthesis and anti-inflammatory evaluation of new chalcone derivatives bearing bispiperazine linker as IL- $1\hat{1}^2$ inhibitors. Bioorganic Chemistry, 2020, 98, 103748.	4.1	22
33	Three new prenylated flavonoids from Macaranga denticulata and their anticancer effects. Fìtoterapìâ, 2015, 103, 165-170.	2.2	21
34	Anti-NLRP3 inflammasome abietane diterpenoids from Callicarpa bodinieri and their structure elucidation. Chinese Chemical Letters, 2020, 31, 427-430.	9.0	21
35	Triterpenoids fromSchisandra rubriflora. Journal of Natural Products, 2007, 70, 1056-1059.	3.0	20
36	Three minor new compounds from the aerial parts of Leonurus japonicus. Chinese Chemical Letters, 2015, 26, 1000-1003.	9.0	20

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37	Isolation, Characterization, and Structure–Activity Relationship Analysis of Abietane Diterpenoids from <i>Callicarpa bodinieri</i> as Spleen Tyrosine Kinase Inhibitors. Journal of Natural Products, 2018, 81, 998-1006.	3.0	20
38	Anti-HIV-1 activity of lignans from the fruits of Schisandra rubriflora. Archives of Pharmacal Research, 2010, 33, 697-701.	6.3	19
39	Extraction and Separation of Active Ingredients in Schisandra chinensis (Turcz.) Baill and the Study of their Antifungal Effects. PLoS ONE, 2016, 11, e0154731.	2.5	19
40	Cytotoxic prenylated flavonoids from Macaranga indica. Fìtoterapìâ, 2015, 103, 187-191.	2.2	18
41	Premnafulvol A: A Diterpenoid with a 6/5/7/3-Fused Tetracyclic Core and Its Biosynthetically Related Analogues from <i>Premna fulva</i> . Organic Letters, 2018, 20, 6314-6317.	4.6	18
42	Triterpenoids from <i>Ganoderma gibbosum</i> : A Class of Sensitizers of FLC-Resistant <i>Candida albicans</i> to Fluconazole. Journal of Natural Products, 2019, 82, 2067-2077.	3.0	18
43	Elucidation of the Structure of Pseudorubriflordilactone B by Chemical Synthesis. Journal of the American Chemical Society, 2020, 142, 13701-13708.	13.7	18
44	Three new diterpenoids from Leonurus japonicus. Chinese Chemical Letters, 2014, 25, 677-679.	9.0	17
45	Denticulatains A and B: unique stilbene–diterpene heterodimers from Macaranga denticulata. RSC Advances, 2015, 5, 13886-13890.	3.6	17
46	Schinortriterpenoids with Identical Configuration but Distinct ECD Spectra Generated by Nondegenerate Exciton Coupling. Organic Letters, 2018, 20, 1500-1504.	4.6	17
47	Four New Nortriterpenoids from <i>Schisandra lancifolia</i> . Helvetica Chimica Acta, 2010, 93, 1975-1982.	1.6	15
48	New Lignans from the Leaves and Stems of <i>Schisandra chinensis</i> and Their Antiâ€HIVâ€1 Activities. Chinese Journal of Chemistry, 2014, 32, 734-740.	4.9	15
49	Immune-inhibitive phenyl-C1 substituent aporphine alkaloids from Thalictrum cirrhosum. Fìtoterapìâ, 2018, 128, 247-252.	2.2	15
50	Clerodane diterpenoids with potential anti-inflammatory activity from the leaves and twigs of Callicarpa cathayana. Chinese Journal of Natural Medicines, 2019, 17, 953-962.	1.3	15
51	Chemical Space and Biological Target Network of Anti-Inflammatory Natural Products. Journal of Chemical Information and Modeling, 2019, 59, 66-73.	5.4	15
52	Structurally Diverse Labdane Diterpenoids from <i>Leonurus japonicus</i> and Their Anti-inflammatory Properties in LPS-Induced RAW264.7 Cells. Journal of Natural Products, 2020, 83, 2545-2558.	3.0	15
53	Four new indole alkaloids from Plantago asiatica. Natural Products and Bioprospecting, 2012, 2, 249-254.	4.3	14
54	Chemical constituents from <i>Euphorbia wallichii</i> and their biological activities. Journal of Asian Natural Products Research, 2015, 17, 946-951.	1.4	14

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55	Teuvincenone F Suppresses LPS-Induced Inflammation and NLRP3 Inflammasome Activation by Attenuating NEMO Ubiquitination. Frontiers in Pharmacology, 2017, 8, 565.	3.5	14
56	Aspulvins A–H, Aspulvinone Analogues with SARS-CoV-2 M ^{pro} Inhibitory and Anti-inflammatory Activities from an Endophytic ⟨i>Cladosporium⟨/i> sp Journal of Natural Products, 2022, 85, 878-887.	3.0	14
57	Chemical Constituents from the Leaves and Stems of Schisandra lancifolia. Chemical and Pharmaceutical Bulletin, 2010, 58, 852-855.	1.3	13
58	In Vitro Human Dihydroorotate Dehydrogenase Inhibitory, Anti-inflammatory and Cytotoxic Activities of Alkaloids from the Seeds of Nigella glandulifera. Planta Medica, 2018, 84, 1013-1021.	1.3	13
59	<i>ent</i> â€Kaurane Diterpenoids from <i>lsodon japonicus</i> . Helvetica Chimica Acta, 2007, 90, 2375-2379.	1.6	12
60	Dibenzocyclooctadiene lignans from <i>Schisandra neglecta</i> and their anti-HIV-1 activities. Journal of Asian Natural Products Research, 2011, 13, 592-598.	1.4	12
61	A new two-dimensional chromatographic method for separation of saponins from steamed Panax notoginseng. Journal of Pharmaceutical and Biomedical Analysis, 2016, 125, 355-359.	2.8	12
62	Euphopias D–F from <i>Euphorbia</i> L.: quantum chemical calculation-based structure elucidation and their bioactivity of inhibiting NLRP3 inflammasome activation. Organic Chemistry Frontiers, 2021, 8, 3041-3046.	4.5	12
63	Isolation, identification and bioactivities of abietane diterpenoids from <i>Premna szemaoensis</i> RSC Advances, 2018, 8, 6425-6435.	3.6	11
64	Cirsitakaoside isolated from Premna szemaoensis reduces LPS-induced inflammatory responses in vitro and in vivo. International Immunopharmacology, 2018, 59, 384-390.	3.8	11
65	Isolation and Structure Elucidation of Nortriterpenoids from <i>Schisandra rubriflora </i> . Helvetica Chimica Acta, 2007, 90, 1505-1513.	1.6	10
66	Effect of nigranoic acid on Ca2+ influx and its downstream signal mechanism in NGF-differentiated PC12 cells. Journal of Ethnopharmacology, 2014, 153, 725-731.	4.1	10
67	Molecular networking-based strategy for the discovery of polyacetylated 18-norspirostanol saponins from Trillium tschonoskii maxim Phytochemistry, 2019, 168, 112125.	2.9	10
68	Targeting ubiquitin conjugating enzyme UbcH5b by a triterpenoid PC3-15 from Schisandra plants sensitizes triple-negative breast cancer cells to lapatinib. Cancer Letters, 2021, 504, 125-136.	7.2	10
69	Toonaones Aâ^'l, limonoids with NLRP3 inflammasome inhibitory activity from Toona ciliata M. Roem. Phytochemistry, 2021, 184, 112661.	2.9	10
70	C6-structural optimizations of 2-aryl-1H-pyrazole-S-DABOs: From anti-HIV to anti-DENV activity. Bioorganic Chemistry, 2022, 119, 105494.	4.1	10
71	Spiroarborin, an <i>ent</i> -Clerodane Homodimer from <i>Callicarpa arborea</i> as an Inhibitor of the Eleven-Nineteen Leukemia (ENL) Protein by Targeting the YEATS Domain. Journal of Natural Products, 2022, 85, 317-326.	3.0	10
72	Structure Characterization and Possible Biogenesis of Three New Families of Nortriterpenoids: Schisanartane, Schiartane, and 18-Norschiartane. Chemistry - A European Journal, 2005, 11, 6763-6765.	3.3	9

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73	Structure Elucidation of Two New Diterpenoids fromIsodon phyllostachys: Phyllostacins A and B. Helvetica Chimica Acta, 2006, 89, 1181-1186.	1.6	9
74	Three New Compounds from Kadsura longipedunculata. Helvetica Chimica Acta, 2007, 90, 723-729.	1.6	9
75	entâ€Kaurane Diterpenoids fromIsodon phyllostachys. Helvetica Chimica Acta, 2008, 91, 1130-1136.	1.6	9
76	Identification of a dibenzocyclooctadiene lignan as a HIV-1 non-nucleoside reverse transcriptase inhibitor. Antiviral Chemistry and Chemotherapy, 2015, 24, 28-38.	0.6	9
77	Two new coumarin glucosides from the roots ofangelica apaensis and their anti-platelet aggregation activity. Archives of Pharmacal Research, 2007, 30, 799-802.	6.3	8
78	<i>ent</i> â€Abietanoids and <i>ent</i> â€Isopimaranoid Glycosides from <i>lsodon nervosus</i> . Helvetica Chimica Acta, 2009, 92, 362-369.	1.6	8
79	Three new nortriterpenoids from Schisandra wilsoniana and their anti-HIV-1 activities. Natural Products and Bioprospecting, 2011, 1, 33-36.	4.3	8
80	SJP-L-5, a novel small-molecule compound, inhibits HIV-1 infection by blocking viral DNA nuclear entry. BMC Microbiology, 2015, 15, 274.	3.3	8
81	Minor Prenylated Flavonoids from the Twigs of Macaranga adenantha and Their Cytotoxic Activity. Natural Products and Bioprospecting, 2015, 5, 105-109.	4.3	8
82	Plasiatine, an Unprecedented Indole–Phenylpropanoid Hybrid from Plantago asiatica as a Potent Activator of the Nonreceptor Protein Tyrosine Phosphatase Shp2. Scientific Reports, 2016, 6, 24945.	3.3	8
83	The natural compound Cirsitakaoside enhances antiviral innate responses against vesicular stomatitis virus in vitro and in vivo. International Immunopharmacology, 2020, 86, 106783.	3.8	8
84	Novel clerodane-type diterpenoid Cintelactone A suppresses lipopolysaccharide -induced inflammation by promoting ubiquitination, proteasomal degradation of TRAF6. Pharmacological Research, 2021, 164, 105386.	7.1	8
85	Natural molecule Munronoid I attenuates LPS-induced acute lung injury by promoting the K48-linked ubiquitination and degradation of TAK1. Biomedicine and Pharmacotherapy, 2021, 138, 111543.	5.6	8
86	Leojaponin inhibits NLRP3 inflammasome activation through restoration of autophagy via upregulating RAPTOR phosphorylation. Journal of Ethnopharmacology, 2021, 278, 114322.	4.1	8
87	Synthesis and Biological Evaluation of Heterocyclic Substituted Bis(indolyl)methanes. Current Organic Synthesis, 2020, 17, 144-150.	1.3	8
88	Munronoid I Ameliorates DSS-Induced Mouse Colitis by Inhibiting NLRP3 Inflammasome Activation and Pyroptosis Via Modulation of NLRP3. Frontiers in Immunology, 0, 13, .	4.8	8
89	Five New Nortriterpenoids from the Stems of <i>Schisandra neglecta</i> . Helvetica Chimica Acta, 2013, 96, 1376-1385.	1.6	7
90	Discovery of betulinaldehyde as a natural RORγt agonist. Fìtoterapìâ, 2019, 137, 104200.	2.2	7

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91	Diterpenoids from Callicarpa rubella and their in vitro anti-NLRP3 inflammasome activity. Fìtoterapìâ, 2020, 147, 104774.	2.2	7
92	Design, synthesis and anti-breast cancer evaluation of biaryl pyridine analogues as potent RSK inhibitors. Bioorganic and Medicinal Chemistry Letters, 2022, 59, 128565.	2.2	7
93	Hispananeâ€Type Diterpenoid and Secoiridoid Glucosides from <i>Viburnum cylindricum</i> . Chemistry and Biodiversity, 2018, 15, e1700418.	2.1	6
94	Rubellawus A–D, Four New Diterpenoids Isolated from <i>Callicarpa rubella</i> and Their Antiâ€NLRP3 Inflammasome Effects. Chemistry and Biodiversity, 2020, 17, e2000798.	2.1	6
95	SWL-1 Reverses Fluconazole Resistance in Candida albicans by Regulating the Glycolytic Pathway. Frontiers in Microbiology, 2020, 11, 572608.	3.5	6
96	Dual C(sp3)â€"H Functionalization of Cyclic Ethers via Singlet Oxygen-Mediated Ring Opening and Ring Closing. Organic Letters, 2021, 23, 8267-8272.	4.6	6
97	Cu-Catalyzed Radical Addition and Oxidation Cascade: Unsymmetrical Trimerization of Indole to Access Isotriazatruxene. Organic Letters, 2022, 24, 1502-1506.	4.6	6
98	Two new neolignans from Manglietia insignis. Natural Products and Bioprospecting, 2012, 2, 227-230.	4.3	5
99	Four new lignans from the leaves and stems of Schisandra propinqua var. sinensis. Natural Products and Bioprospecting, 2013, 3, 56-60.	4.3	5
100	SJP-L-5 inhibits HIV-1 polypurine tract primed plus-strand DNA elongation, indicating viral DNA synthesis initiation at multiple sites under drug pressure. Scientific Reports, 2018, 8, 2574.	3.3	5
101	Immunomodulatory and antitumour bioactive labdane diterpenoids from Leonurus japonicusâ€. Journal of Pharmacy and Pharmacology, 2020, 72, 1657-1665.	2.4	5
102	Design, synthesis and anti-HIV evaluation of 5-alkyl-6-(benzo[d][1,3]dioxol-5-alkyl)-2-mercaptopyrimidin-4(3H)-ones as potent HIV-1 NNRTIs. Bioorganic Chemistry, 2020, 102, 104041.	4.1	5
103	Synthesis of nigranoic acid and manwuweizic acid derivatives as HDAC inhibitors and anti-inflammatory agents. Bioorganic Chemistry, 2021, 109, 104728.	4.1	5
104	The bioactive limonoids from Toona ciliate as NLRP3 inflammasome inhibitors. Industrial Crops and Products, 2021, 167, 113533.	5.2	5
105	GC-MS Analysis and In Silico Approaches of Indigofera heterantha Root Oil Chemical Constituents. Compounds, 2021, 1, 116-124.	1.9	5
106	A pair of new oxindole alkaloids isolated from <i>Uncaria macrophylla</i> Research, 2023, 37, 1258-1264.	1.8	5
107	Luteolin-7-methylether from Leonurus japonicus inhibits estrogen biosynthesis in human ovarian granulosa cells by suppression of aromatase (CYP19). European Journal of Pharmacology, 2020, 879, 173154.	3.5	5
108	Identification of a Novel TAR RNA-Binding Protein 2 Modulator with Potential Therapeutic Activity against Hepatocellular Carcinoma. Journal of Medicinal Chemistry, 2021, 64, 7404-7421.	6.4	4

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109	Synthesis compound XCR-7a ameliorates LPS-induced inflammatory response by inhibiting the phosphorylation of c-Fos. Biomedicine and Pharmacotherapy, 2022, 145, 112468.	5.6	4
110	Ainslides Aâ^F, Six Sesquiterpenoids Isolated from <i>Ainsliaea pertyoides</i> and Their NLRP3â€Inflammasome Inhibitory Activity. Chemistry and Biodiversity, 2022, 19, .	2.1	4
111	InflamNat: web-based database and predictor of anti-inflammatory natural products. Journal of Cheminformatics, 2022, 14, .	6.1	4
112	Synthesis and Biological Evaluation of Laxiflorin J Derivatives as Potential Antitumor Agents. Journal of Heterocyclic Chemistry, 2012, 49, 571-575.	2.6	3
113	Two new phenolic compounds from the seeds of Machilus yunnanensis. Journal of Asian Natural Products Research, 2016, 18, 952-958.	1.4	3
114	Density functional theory, molecular docking and bioassay studies on (S)-2-hydroxy-N-(2S,3S,4R,E)-1,3,4	3.2	3
115	Euphzycopias Aâ^l, macrocyclic diterpenes with NLRP3 inflammasome inhibitory activity from Euphorbia helioscopia L Fìtoterapìâ, 2022, 157, 105139.	2.2	3
116	Cathayanalactone G and other constituents from leaves and twigs of Callicarpa cathayana. Chinese Herbal Medicines, 2022, 14, 332-336.	3.0	2
117	Bioactive Lignans from the Leaves and Stems of <i>Schisandra wilsoniana</i> Communications, 2013, 8, 1934578X1300800.	0.5	1
118	Centrantheroside F, a new ionone glycoside from Centranthera grandiflora. Journal of Asian Natural Products Research, 2021, , 1-7.	1.4	1
119	Indole derivative XCR-5a alleviates LPS-induced inflammation <i>inÂvitro</i> and <i>inÂvivo</i> lmmunopharmacology and Immunotoxicology, 2022, 44, 157-167.	2.4	1
120	Machine Learning Assisted Discovery of Novel p38α Inhibitors from Natural Products. Combinatorial Chemistry and High Throughput Screening, 2023, 26, 1214-1223.	1.1	1
121	Optimized Expression of Recombinant Human NIMA-Related Kinase 7 (NEK7) with A Higher Purity in Escherichia coli. Protein and Peptide Letters, 2021, 28, 1391-1397.	0.9	O