

Ai-Jun Hou

List of Publications by Year in descending order

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72
papers

1,455
citations

331670

21
h-index

377865

34
g-index

82
all docs

82
docs citations

82
times ranked

1375
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytotoxic isoprenylated xanthenes from <i>Cudrania tricuspidata</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 1947-1953.	3.0	100
2	New Isoprenylated Flavones, Artochamins A-E, and Cytotoxic Principles from <i>Artocarpus chama</i> . <i>Journal of Natural Products</i> , 2004, 67, 757-761.	3.0	83
3	2-Arylbenzofuran, Flavonoid, and Tyrosinase Inhibitory Constituents of <i>Morus yunnanensis</i> . <i>Journal of Natural Products</i> , 2012, 75, 82-87.	3.0	67
4	Benzophenones and Xanthenes with Isoprenoid Groups from <i>Cudrania cochinchinensis</i> . <i>Journal of Natural Products</i> , 2001, 64, 65-70.	3.0	61
5	Antifungal Agents from the Roots of <i>Cudrania cochinchinensis</i> against <i>Candida</i> , <i>Cryptococcus</i> , and <i>Aspergillus</i> Species. <i>Journal of Natural Products</i> , 2003, 66, 1118-1120.	3.0	60
6	Inhibitory Effect of 2,4,2',4'-Tetrahydroxy-3-(3-methyl-2-butenyl)-chalcone on Tyrosinase Activity and Melanin Biosynthesis. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 86-90.	1.4	59
7	Two Enantiomeric Pairs of Meroterpenoids from <i>Rhododendron capitatum</i> . <i>Organic Letters</i> , 2015, 17, 5040-5043.	4.6	55
8	New 7,20:14,20-Diepoxy ent-Kauranoids from <i>Isodon xerophilus</i> . <i>Journal of Natural Products</i> , 2000, 63, 599-601.	3.0	49
9	Novel grayanane diterpenoids from <i>Rhododendron principis</i> . <i>Tetrahedron</i> , 2014, 70, 4317-4322.	1.9	42
10	Isoprenylated Flavonoid and Adipogenesis-Promoting Constituents of <i>Dodonaea viscosa</i> . <i>Journal of Natural Products</i> , 2012, 75, 699-706.	3.0	41
11	Isoprenylated Xanthenes and Flavonoids from <i>Cudrania tricuspidata</i> . <i>Chemistry and Biodiversity</i> , 2005, 2, 131-138.	2.1	37
12	Isoprenylated Flavonoids and Adipogenesis-Promoting Constituents from <i>Morus nigra</i> . <i>Journal of Natural Products</i> , 2011, 74, 816-824.	3.0	35
13	Five Pairs of Meroterpenoid Enantiomers from <i>Rhododendron capitatum</i> . <i>Journal of Organic Chemistry</i> , 2017, 82, 1632-1637.	3.2	35
14	Enantiomeric Pairs of Meroterpenoids with Diverse Heterocyclic Systems from <i>Rhododendron nyingchiense</i> . <i>Journal of Natural Products</i> , 2018, 81, 1810-1818.	3.0	34
15	Prenylated Stilbenes and Their Novel Biogenetic Derivatives from <i>Artocarpus chama</i> . <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3457-3463.	2.4	33
16	Diels-Alder adducts with PTP1B inhibition from <i>Morus notabilis</i> . <i>Phytochemistry</i> , 2015, 109, 140-146.	2.9	33
17	Cytotoxic and Antifungal Isoprenylated Xanthenes and Flavonoids from <i>Cudrania fruticosa</i> . <i>Planta Medica</i> , 2005, 71, 273-274.	1.3	32
18	New isoprenylated flavonoids and cytotoxic constituents from <i>Artocarpus tonkinensis</i> . <i>Journal of Asian Natural Products Research</i> , 2010, 12, 586-592.	1.4	27

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19	Isosalvaxanthone inhibits colon cancer cell proliferation, migration and invasion through inactivating Rac1 and AP-1. <i>International Journal of Cancer</i> , 2010, 127, 1220-1229.	5.1	26
20	New Myrsinol Diterpenes from <i>Euphorbia prolifera</i> . <i>Chinese Journal of Chemistry</i> , 2010, 22, 103-108.	4.9	25
21	New isoprenylated flavonoids and adipogenesis-promoting constituents from <i>Morus notabilis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4441-4446.	2.2	21
22	2-Arylbenzofuran and tyrosinase inhibitory constituents of <i>Morus notabilis</i> . <i>Journal of Asian Natural Products Research</i> , 2012, 14, 1103-1108.	1.4	20
23	New Isoprenylated Flavones and Stilbene Derivative from <i>Artocarpus hypargyreus</i> . <i>Chemistry and Biodiversity</i> , 2012, 9, 394-402.	2.1	18
24	New Alkaloids and β -Glucosidase Inhibitory Flavonoids from <i>Ficus hispida</i> . <i>Chemistry and Biodiversity</i> , 2016, 13, 445-450.	2.1	18
25	Isosteroidal alkaloids from the bulbs of <i>Fritillaria tortifolia</i> . <i>Fytotherapy Research</i> , 2018, 131, 112-118.	2.2	18
26	New Isoprenylated Phenolic Compounds from <i>Morus laevigata</i> . <i>Chemistry and Biodiversity</i> , 2015, 12, 937-945.	2.1	17
27	Isoprenylated phenolic compounds with tyrosinase inhibition from <i>Morus nigra</i> . <i>Journal of Asian Natural Products Research</i> , 2018, 20, 488-493.	1.4	17
28	New Isoprenylated 2-Arylbenzofurans and Pancreatic Lipase Inhibitory Constituents from <i>Artocarpus nitidus</i> . <i>Chemistry and Biodiversity</i> , 2009, 6, 2209-2216.	2.1	16
29	Cudraticusxanthone G inhibits human colorectal carcinoma cell invasion by MMP-2 down-regulation through suppressing activator protein-1 activity. <i>Biochemical Pharmacology</i> , 2011, 81, 1192-1200.	4.4	16
30	Antiviral clerodane diterpenoids from <i>Dodonaea viscosa</i> . <i>Tetrahedron</i> , 2016, 72, 8036-8041.	1.9	16
31	Hyperinoids A and B, two polycyclic meroterpenoids from <i>Hypericum patulum</i> . <i>Chinese Chemical Letters</i> , 2020, 31, 1263-1266.	9.0	16
32	Meroterpenoids with diverse structures and anti-inflammatory activities from <i>Rhododendron anthopogonoides</i> . <i>Phytochemistry</i> , 2020, 180, 112524.	2.9	16
33	Hyperprins A and B, Two Complex Meroterpenoids from <i>Hypericum przewalskii</i> . <i>Organic Letters</i> , 2020, 22, 2797-2800.	4.6	16
34	Sanggenol F exerts anti-diabetic effects via promoting adipocyte differentiation and modifying adipokines expression. <i>Endocrine</i> , 2017, 56, 73-81.	2.3	15
35	Isoprenylated phenolic compounds with PTP1B inhibition from <i>Morus alba</i> . <i>Fytotherapy Research</i> , 2017, 122, 138-143.	2.2	15
36	Iridoid Glycosides from <i>Hedyotis corymbosa</i> . <i>Helvetica Chimica Acta</i> , 2007, 90, 1296-1301.	1.6	14

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37	(2S)-7,4-dihydroxy-8-prenylflavan stimulates adipogenesis and glucose uptake through p38MAPK pathway in 3T3-L1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 578-582.	2.1	14
38	Novel 2-Arylbenzofuran Derivatives from <i>Artocarpus petelotii</i> . <i>Helvetica Chimica Acta</i> , 2006, 89, 1000-1007.	1.6	13
39	Cycloartane triterpenoids from <i>Pseudolarix amabilis</i> and their antiviral activity. <i>Phytochemistry</i> , 2020, 171, 112229.	2.9	13
40	Clerodane diterpenoids from <i>Dodonaea viscosa</i> and their inhibitory effects on ATP citrate lyase. <i>Phytochemistry</i> , 2021, 183, 112614.	2.9	13
41	Three New Isoprenylated 2-Arylbenzofurans from <i>Artocarpus petelotii</i> . <i>Helvetica Chimica Acta</i> , 2005, 88, 2554-2560.	1.6	12
42	Total syntheses of Nigrasin I and Kuwanon C. <i>Tetrahedron</i> , 2014, 70, 3963-3970.	1.9	12
43	Comprehensive characterization of the chemical constituents in <i>Platycodon grandiflorum</i> by an integrated liquid chromatography-mass spectrometry strategy. <i>Journal of Chromatography A</i> , 2021, 1654, 462477.	3.7	12
44	Total syntheses of norartocarpin and artocarpin. <i>Tetrahedron</i> , 2013, 69, 5850-5858.	1.9	11
45	Prenylated 2-arylbenzofurans from <i>Artocarpus petelotii</i> . <i>Natural Product Research</i> , 2008, 22, 1451-1456.	1.8	10
46	Triterpenoids and β -glucosidase inhibitory constituents from <i>Salacia hainanensis</i> . <i>Fitoterapia</i> , 2014, 98, 143-148.	2.2	10
47	Isoprenylated Flavonoids with PTP1B Inhibition from <i>Macaranga denticulata</i> . <i>Natural Products and Bioprospecting</i> , 2016, 6, 25-30.	4.3	10
48	Macdentichalcone, a unique polycyclic dimeric chalcone from <i>Macaranga denticulata</i> . <i>Tetrahedron Letters</i> , 2016, 57, 5475-5478.	1.4	9
49	Dimeric clerodane diterpenoids and antiviral constituents of <i>Dodonaea viscosa</i> . <i>Bioorganic Chemistry</i> , 2021, 112, 104916.	4.1	9
50	New Isoprenylated Xanthenes from <i>Cudrania tricuspidata</i> . <i>Helvetica Chimica Acta</i> , 2014, 97, 1683-1688.	1.6	8
51	Inhibitory Effects of (2 <i>R</i>)-2,3-dihydro-2-(1-hydroxy-1-methylethyl)-2,6-benzofuran-6,4-dione Mushroom Tyrosinase and Melanogenesis in B16F10 Melanoma Cells. <i>Phytotherapy Research</i> , 2015, 29, 1040-1045.	5.8	8
52	Rhodomeroterpene alleviates macrophage infiltration and the inflammatory response in renal tissue to improve acute kidney injury. <i>FASEB Journal</i> , 2021, 35, e21985.	0.5	7
53	Dimeric sesquiterpenoids and anti-inflammatory constituents of <i>Sarcandra glabra</i> . <i>Bioorganic Chemistry</i> , 2022, 124, 105821.	4.1	7
54	Isoprenylated Flavonoids with PTP1B Inhibition from <i>Ficus tikoua</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501001.	0.5	6

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55	Flavans and diphenylpropanes with PTP1B inhibition from <i>Broussonetia kazinoki</i> . <i>FÄ-toterapÄ-Äç</i> , 2018, 130, 37-42.	2.2	6
56	Polyprenylated acylphloroglucinol meroterpenoids with PTP1B inhibition from <i>Hypericum forrestii</i> . <i>FÄ-toterapÄ-Äç</i> , 2021, 153, 104959.	2.2	6
57	Four New Prenylated 2-Arylbenzofurans from the Root Bark of <i>Artocarpus petelotii</i> . <i>Heterocycles</i> , 2007, 71, 1147.	0.7	6
58	The total synthesis of (Ä±)-sanggenol F. <i>Tetrahedron</i> , 2017, 73, 3485-3491.	1.9	5
59	Enantiomeric pairs of meroterpenoids from <i>Rhododendron fastigiatum</i> . <i>Chinese Journal of Natural Medicines</i> , 2019, 17, 963-969.	1.3	5
60	Acylphloroglucinol derivatives with ATP citrate lyase inhibitory activities from <i>Syzygium oblatum</i> Wall.. <i>Phytochemistry</i> , 2021, 187, 112765.	2.9	5
61	Isoprenylated Flavonoids with PTP1B Inhibition from <i>Ficus tikoua</i> . <i>Natural Product Communications</i> , 2015, 10, 2105-7.	0.5	5
62	New long-chain hydroxyalkyl ferulates from the root bark of <i>Lycium chinense</i> Mill.. <i>Journal of Asian Natural Products Research</i> , 2009, 11, 681-685.	1.4	4
63	Vitriterpenoids A and B, Two New 24-Noroleanane Triterpenoids from <i>Dodonaea viscosa</i> . <i>Chemistry and Biodiversity</i> , 2018, 15, e1800426.	2.1	4
64	Two New Isoprenylated Stilbenes from <i>Artocarpus chama</i> . <i>Journal of Integrative Plant Biology</i> , 2007, 49, 605-608.	8.5	3
65	Alkaloid Constituents of <i>Ficus hispida</i> and Their Antiinflammatory Activity. <i>Natural Products and Bioprospecting</i> , 2020, 10, 45-49.	4.3	3
66	Determination of maytansinoids in <i>Trewia nudiflora</i> using QuEChERS extraction combined with HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 198, 113993.	2.8	3
67	A fast and sensitive HPLC-MS/MS analysis and preliminary pharmacokinetic characterization of cudraticusxanthone B in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 1953-1958.	2.3	2
68	New Cytotoxic Alkylated Chalcones from <i>Fatoua villosa</i> . <i>Chemistry and Biodiversity</i> , 2017, 14, e1700076.	2.1	2
69	New triterpenoids and PTP1B inhibitory constituents of <i>Pseudolarix amabilis</i> . <i>FÄ-toterapÄ-Äç</i> , 2019, 139, 104414.	2.2	2
70	Two New Oleanane-triterpenoid Saponins from <i>Clinopodium gracile</i> . <i>Chemistry and Biodiversity</i> , 2021, 18, e2100672.	2.1	2
71	Two New Cytotoxic Maytansinoids Targeting Tubulin from <i>Trewia nudiflora</i> . <i>Planta Medica</i> , 2022, 88, 678-684.	1.3	1
72	5,4-Dihydroxy-7,8-dimethoxyflavanone and Aliarin from <i>Dodonaea viscosa</i> Are Activators of PPAR ³ . <i>Planta Medica</i> , 2018, 84, 500-506.	1.3	0