Heng-Shan Wang

List of Publications by Year in descending order

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106 papers 2,512 citations

201674 27 h-index 265206 42 g-index

108 all docs 108 docs citations

108 times ranked 2768 citing authors

#	Article	IF	Citations
1	New enantiomeric lignans and new meroterpenoids with nitric oxide release inhibitory activity from Piper puberulum. Bioorganic Chemistry, 2022, 119, 105522.	4.1	8
2	$(\hat{A}\pm)$ -Corysaxicolaine A: a pair of antitumor enantiomeric alkaloid dimers from <i>Corydalis saxicola</i> . Organic and Biomolecular Chemistry, 2022, 20, 1396-1400.	2.8	5
3	Organocatalytic Three-Component Acyldifluoromethylation of Vinylarenes via <i>N</i> Heterocyclic Carbene-Catalyzed Radical Relay. Organic Letters, 2022, 24, 4840-4844.	4.6	13
4	Chemical constituents from the barks of <i>Melia azedarach</i> and their PTP1B inhibitory activity. Natural Product Research, 2021, 35, 4442-4447.	1.8	5
5	Design, synthesis and antitumor evaluation of new 1,8-naphthalimide derivatives targeting nuclear DNA. European Journal of Medicinal Chemistry, 2021, 210, 112951.	5 . 5	21
6	Light-driven selective aerobic oxidation of (iso)quinoliniums and related heterocycles. RSC Advances, 2021, 11, 16246-16251.	3.6	2
7	New Tyramine- and Aporphine-Type Alkamides with NO Release Inhibitory Activities from <i>Piper puberulum</i> . Journal of Natural Products, 2021, 84, 1316-1325.	3.0	23
8	Flavonol glycosides and phenylpropanoid glycosides with inhibitory effects on microglial nitric oxide production from Neoshirakia japonica. FÃ-toterapÃ-â, 2021, 151, 104877.	2.2	6
9	Cannabidiol-dihydroartemisinin conjugates for ameliorating neuroinflammation with reduced cytotoxicity. Bioorganic and Medicinal Chemistry, 2021, 39, 116131.	3.0	7
10	The neurotrophic and antineuroinflammatory effects of phenylpropanoids from Zanthoxylum nitidum var. tomentosum (Rutaceae). Fìtoterapìâ, 2021, 153, 104990.	2.2	11
11	Acetylated Rhamnose Triterpenoid Saponins from <i>Glechoma longituba</i> Analyzed by LCâ€Qâ€TOFMS. Chemistry and Biodiversity, 2021, 18, e2100272.	2.1	4
12	Chebulic acid derivatives from Balakata baccata and their antineuroinflammatory and antioxidant activities. Bioorganic Chemistry, 2021, 116, 105332.	4.1	4
13	Nitidumpeptins A and B, Cyclohexapeptides Isolated from <i>Zanthoxylum nitidum</i> var. <i>tomentosum</i> : Structural Elucidation, Total Synthesis, and Antiproliferative Activity in Cancer Cells. Journal of Organic Chemistry, 2021, 86, 1462-1470.	3.2	13
14	Sc(OTf) ₃ -Catalyzed 1,6-Conjugate Addition of Thiols to <i>î'</i> -CF ₃ - <i>Î'</i> -aryl-disubstituted <i>para</i> -Quinone Methides: Efficient Construction of Diarylmethane Thioethers. Chinese Journal of Organic Chemistry, 2021, 41, 3134.	1.3	2
15	A new phenolic acid from Zanthoxylum nitidum var. tomentosum (Rutaceae) and its chemotaxonomic significance. Biochemical Systematics and Ecology, 2021, 99, 104351.	1.3	5
16	Synthesis and biological evaluation of novel millepachine derivative containing aminophosphonate ester species as novel anti-tubulin agents. Bioorganic Chemistry, 2020, 94, 103486.	4.1	9
17	Quassinoids with Insecticidal Activity against <i>Diaphorina citri</i> Kuwayama and Neuroprotective Activities from <i>Picrasma quassioides</i> Journal of Agricultural and Food Chemistry, 2020, 68, 117-127.	5.2	14
18	Platinum-Based Modification of Styrylbenzylsulfones as Multifunctional Antitumor Agents: Targeting the RAS/RAF Pathway, Enhancing Antitumor Activity, and Overcoming Multidrug Resistance. Journal of Medicinal Chemistry, 2020, 63, 186-204.	6.4	26

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19	Electrochemical Difunctionalization of Olefines: Access to Selenomethylâ€Substituted Cyclic Ethers or Lactones. Advanced Synthesis and Catalysis, 2020, 362, 506-511.	4.3	96
20	Diterpenoids and triterpenoids from Triadica rotundifolia and their effects on microglial nitric oxide production. Bioorganic Chemistry, 2020, 105, 104332.	4.1	7
21	Bifunctional Naphthoquinone Aromatic Amide-Oxime Derivatives Exert Combined Immunotherapeutic and Antitumor Effects through Simultaneous Targeting of Indoleamine-2,3-dioxygenase and Signal Transducer and Activator of Transcription 3. Journal of Medicinal Chemistry, 2020, 63, 1544-1563.	6.4	29
22	Electrochemical α-methoxymethylation and aminomethylation of propiophenones using methanol as a green C1 source. Organic Chemistry Frontiers, 2020, 7, 2399-2404.	4.5	13
23	Platinum(IV) complexes conjugated with chalcone analogs as dual targeting anticancer agents: In vitro and in vivo studies. Bioorganic Chemistry, 2020, 105, 104430.	4.1	17
24	Exploring the Toxicology of Depleted Uranium with <i>Caenorhabditis elegans</i> . ACS Omega, 2020, 5, 12119-12125.	3.5	9
25	Potential anti-diabetic isoprenoids and a long-chain δ-lactone from frangipani (Plumeria rubra). Fìtoterapìâ, 2020, 146, 104684.	2.2	3
26	Synthesis, mechanisms of action, and toxicity of novel aminophosphonates derivatives conjugated irinotecan inÂvitro and inÂvivo as potent antitumor agents. European Journal of Medicinal Chemistry, 2020, 189, 112067.	5.5	15
27	Anti-inflammatory activity of isobutylamides from zanthoxylum nitidum var. tomentosum. Fìtoterapìâ, 2020, 142, 104486.	2.2	16
28	NF-κB inhibitory and cytotoxic activities of hexacyclic triterpene acid constituents from Glechoma longituba. Phytomedicine, 2019, 63, 153037.	5.3	13
29	Promoting antitumor efficacy by suppressing hypoxia <i>via</i> nano self-assembly of two irinotecan-based dual drug conjugates having a HIF-11± inhibitor. Journal of Materials Chemistry B, 2019, 7, 5352-5362.	5.8	31
30	Glechomanamides A–C, Germacrane Sesquiterpenoids with an Unusual Δ ⁸ -7,12-Lactam Moiety from <i>Salvia scapiformis</i> and Their Antiangiogenic Activity. Journal of Natural Products, 2019, 82, 3056-3064.	3.0	6
31	Synthesis of imidazo[1,2- <i>c</i>]thiazoles through Pd-catalyzed bicyclization of <i>tert</i> butyl isonitrile with thioamides. Organic and Biomolecular Chemistry, 2019, 17, 8403-8407.	2.8	5
32	Graphene oxide as a green carbon material for cross-coupling of indoles with ethers ⟨i⟩via⟨ i⟩ oxidation and the Friedel–Crafts reaction. Organic Chemistry Frontiers, 2019, 6, 3615-3619.	4.5	18
33	Five 11α, 12α-epoxy pentacyclic triterpenoid saponins with antithrombus activities from Glechoma longituba. Fìtoterapìâ, 2019, 138, 104345.	2.2	11
34	Electrochemically enabled chemoselective sulfonylation and hydrazination of indoles. Green Chemistry, 2019, 21, 3807-3811.	9.0	76
35	Inhibition potential of phenolic constituents from the aerial parts of <i>Tetrastigma hemsleyanum</i> against soluble epoxide hydrolase and nitric oxide synthase. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 753-760.	5.2	13
36	Sesquiterpenoid Compounds from <i>Curcuma kwangsiensis</i> . Chemistry and Biodiversity, 2019, 16, e1900123.	2.1	2

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37	Synthesis and discovery of asiatic acid based 1,2,3-triazole derivatives as antitumor agents blocking NF-κB activation and cell migration. MedChemComm, 2019, 10, 584-597.	3.4	19
38	Cytotoxic activities against MCF-7 and MDA-MB-231, antioxidant and <i>\hat{l}±</i> -glucosidase inhibitory activities of <i>Trachelospermum jasminoides</i> extracts <i>inÂvitro</i> . Biotechnology and Biotechnological Equipment, 2019, 33, 1671-1679.	1.3	3
39	Altered allostery of the left flipper domain underlies the weak ATP response of rat P2X5 receptors. Journal of Biological Chemistry, 2019, 294, 19589-19603.	3.4	9
40	$3 < i > \hat{l} \pm < /i >$,19-Dihydroxyl- $< i > ent < /i >$ -pimara- $8 (14)$,15-diene, a new diterpenoid from the rhizomes of $< i > Ricinus$ communi $< /i > s$. Journal of Asian Natural Products Research, 2019, 21, 522-527.	1.4	4
41	Transition-metal-free C–N and C–C formation: synthesis of benzo[4,5]imidazo[1,2- <i>a</i>) pyridines and 2-pyridones from ynones. Green Chemistry, 2018, 20, 2007-2012.	9.0	38
42	Palladium-Metalated Porous Organic Polymers as Recyclable Catalysts for the Chemioselective Synthesis of Thiazoles from Thiobenzamides and Isonitriles. Organic Letters, 2018, 20, 2494-2498.	4.6	45
43	Dual-targeting antitumor hybrids derived from Pt(IV) species and millepachine analogues. European Journal of Medicinal Chemistry, 2018, 148, 1-25.	5.5	28
44	16-O-caffeoyl-16-hydroxylhexadecanoic acid, a medicinal plant-derived phenylpropanoid, induces apoptosis in human hepatocarcinoma cells through ROS-dependent endoplasmic reticulum stress. Phytomedicine, 2018, 41, 33-44.	5.3	13
45	Catalyst- and solvent-free approach to 2-arylated quinolines via $[5+1]$ annulation of 2-methylquinolines with diynones. RSC Advances, 2018, 8, 4584-4587.	3.6	10
46	Copper-Catalyzed Decarboxylative/Click Cascade Reaction: Regioselective Assembly of 5-Selenotriazole Anticancer Agents. Organic Letters, 2018, 20, 925-929.	4.6	83
47	Oleanane-type triterpenoid saponins from Lysimachia fortunei Maxim. Phytochemistry, 2018, 147, 140-146.	2.9	10
48	Mappianines Aâ^'E, structurally diverse monoterpenoid indole alkaloids from Mappianthus iodoides. Phytochemistry, 2018, 145, 68-76.	2.9	22
49	New inhibitors of matrix metalloproteinases 9 (MMP-9): Lignans from Selaginella moellendorffii. Fìtoterapìâ, 2018, 130, 281-289.	2.2	18
50	Palladium-Catalyzed Three-Component Reaction: A Novel Method for the Synthesis of <i>N</i> -Acyl Propiolamides. Organic Letters, 2018, 20, 7117-7120.	4.6	21
51	Glycyrrhetinic acid derivatives containing aminophosphonate ester species as multidrug resistance reversers that block the NF-ΰB pathway and cell proliferation. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 3700-3707.	2.2	23
52	A pentacyclic triterpene derivative possessing polyhydroxyl ring A suppresses growth of HeLa cells by reactive oxygen species-dependent NF-κB pathway. European Journal of Pharmacology, 2018, 838, 157-169.	3.5	11
53	Palladium-metalated porous organic polymers as recyclable catalysts for chemoselective decarbonylation of aldehydes. Chemical Communications, 2018, 54, 8446-8449.	4.1	41
54	Lung cancer and matrix metalloproteinases inhibitors of polyphenols from Selaginella tamariscina with suppression activity of migration. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2413-2417.	2.2	16

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55	Pt(IV) prodrugs containing microtubule inhibitors displayed potent antitumor activity and ability to overcome cisplatin resistance. European Journal of Medicinal Chemistry, 2018, 156, 666-679.	5. 5	30
56	Alkaloids from Tetrastigma hemsleyanum and Their Anti-Inflammatory Effects on LPS-Induced RAW264.7 Cells. Molecules, 2018, 23, 1445.	3.8	33
57	Discovery of antitumor ursolic acid long-chain diamine derivatives as potent inhibitors of NF-κB. Bioorganic Chemistry, 2018, 79, 265-276.	4.1	18
58	Electrochemical Synthesis of 3,5â€Disubstitutedâ€1,2,4â€thiadiazoles through NH ₄ lâ€Mediated Dimerization of Thioamides. Advanced Synthesis and Catalysis, 2018, 360, 4043-4048.	4.3	49
59	Photocatalytic Construction of Sâ€"S and Câ€"S Bonds Promoted by Acridinium Salt: An Unexpected Pathway To Synthesize 1,2,4-Dithiazoles. Organic Letters, 2018, 20, 4819-4823.	4.6	30
60	Synthesis and biological evaluation of terminal functionalized thiourea-containing dipeptides as antitumor agents. RSC Advances, 2017, 7, 8866-8878.	3.6	10
61	Acid-catalyzed tandem reaction for the synthesis of pyridine derivatives via Cî€C/C(sp ³)–N bond cleavage of enones and primary amines. RSC Advances, 2017, 7, 13123-13129.	3.6	22
62	Anticancer Platinum(IV) Prodrugs Containing Monoaminophosphonate Ester as a Targeting Group Inhibit Matrix Metalloproteinases and Reverse Multidrug Resistance. Bioconjugate Chemistry, 2017, 28, 1305-1323.	3.6	38
63	Cytotoxic triterpenoid saponins from Lysimachia foenum-graecum. Phytochemistry, 2017, 136, 165-174.	2.9	19
64	Synthesis of fused tricyclic indolizines by intramolecular silver-mediated double cyclization of 2-(pyridin-2-yl)acetic acid propargyl esters. RSC Advances, 2017, 7, 24011-24014.	3.6	9
65	Selagintamarlin A: A Selaginellin Analogue Possessing a 1 <i>H</i> -2-Benzopyran Core from <i>Selaginella tamariscina</i> . ACS Omega, 2017, 2, 2178-2183.	3.5	15
66	Side chain-functionalized aniline-derived ursolic acid derivatives as multidrug resistance reversers that block the nuclear factor-kappa B (NF-κB) pathway and cell proliferation. MedChemComm, 2017, 8, 1421-1434.	3.4	13
67	Clerodane Diterpenoid Glucosides from the Stems of <i>Tinospora sinensis</i> . Journal of Natural Products, 2017, 80, 975-982.	3.0	40
68	An Unexpected Domino Reaction of βâ€Keto Sulfones with Acetylene Ketones Promoted by Base: Facile Synthesis of 3(2 <i>H</i>)â€Furanones and Sulfonylbenzenes. Advanced Synthesis and Catalysis, 2017, 359, 4025-4035.	4.3	26
69	Preparation of Magnetic Microsphereâ€Gold Nanoparticleâ€Immobilized Enzyme Batch Reactor and Its Application to Enzyme Inhibitor Screening in Natural Extracts by Capillary Electrophoresis. Chinese Journal of Chemistry, 2017, 35, 943-948.	4.9	5
70	Regioselective Synthesis of Selenide Ethers through a Decarboxylative Coupling Reaction. Advanced Synthesis and Catalysis, 2017, 359, 3950-3961.	4.3	19
71	Praseodymium(III)-Catalyzed Regioselective Synthesis of C ₃ -N-Substituted Coumarins with Coumarins and Azides. Journal of Organic Chemistry, 2017, 82, 9006-9011.	3.2	15
72	Catalyst-free synthesis of fused 1,2,3-triazole and isoindoline derivatives via an intramolecular azide–alkene cascade reaction. Green Chemistry, 2017, 19, 656-659.	9.0	36

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73	The nonproton ligand of acid-sensing ion channel 3 activates mollusk-specific FaNaC channels via a mechanism independent of the native FMRFamide peptide. Journal of Biological Chemistry, 2017, 292, 21662-21675.	3.4	11
74	Atom-Economic Synthesis of 4-Pyrones from Diynones and Water. Molecules, 2017, 22, 109.	3.8	19
75	Transition Metalâ€Free Synthesis of 3â€Alkynylpyrroleâ€2â€carboxylates <i>via</i> Michael Addition/Intramolecular Cyclodehydration. Advanced Synthesis and Catalysis, 2016, 358, 1897-1902.	4.3	29
76	Antitumor lignanamides from the aerial parts of Corydalis saxicola. Phytomedicine, 2016, 23, 1599-1609.	5.3	38
77	Combretastatin A-4 Analogue: A Dual-Targeting and Tubulin Inhibitor Containing Antitumor Pt(IV) Moiety with a Unique Mode of Action. Bioconjugate Chemistry, 2016, 27, 2132-2148.	3.6	60
78	Palladium-Catalyzed Synthesis of 5-Iminopyrrolones through Isocyanide Double Insertion Reaction with Terminal Alkynes and Water. Journal of Organic Chemistry, 2016, 81, 11813-11818.	3.2	28
79	Synthesis, antiproliferative and apoptosis-inducing effects of novel asiatic acid derivatives containing α-aminophosphonates. RSC Advances, 2016, 6, 62890-62906.	3.6	25
80	TEMPO-catalyzed synthesis of 5-substituted isoxazoles from propargylic ketones and TMSN ₃ . RSC Advances, 2016, 6, 58988-58993.	3.6	20
81	Cytisine-type alkaloids and flavonoids from the rhizomes of <i>Sophora tonkinensis</i> Journal of Asian Natural Products Research, 2016, 18, 429-435.	1.4	15
82	Synthesis and pharmacological evaluation of dehydroabietic acid thiourea derivatives containing bisphosphonate moiety as an inducer of apoptosis. European Journal of Medicinal Chemistry, 2016, 108, 381-391.	5.5	39
83	Design, synthesis, and biological evaluation of novel quinazolinyl-diaryl urea derivatives as potential anticancer agents. European Journal of Medicinal Chemistry, 2016, 107, 12-25.	5.5	52
84	Synthesis of Polysubstituted Imidazoles and Pyridines <i>via</i> Samarium(III) Triflateâ€Catalyzed [2+2+1] and [4+2] Annulations of Unactivated Aromatic Alkenes with Azides. Advanced Synthesis and Catalysis, 2015, 357, 3229-3241.	4.3	23
85	Antiviral Matrine-Type Alkaloids from the Rhizomes of <i>Sophora tonkinensis</i> Journal of Natural Products, 2015, 78, 1683-1688.	3.0	93
86	Design, synthesis and inÂvitro evaluation of novel ursolic acid derivatives as potential anticancer agents. European Journal of Medicinal Chemistry, 2015, 95, 435-452.	5 . 5	59
87	A facile synthesis of 2,5-disubstituted oxazoles via a copper-catalyzed cascade reaction of alkenes with azides. Chemical Communications, 2015, 51, 17772-17774.	4.1	32
88	Sc(OTf) ₃ -mediated 1,3-dipolar cycloadditionâ€"ring cleavageâ€"rearrangement: a highly stereoselective access to Z-β-enaminonitriles. Organic and Biomolecular Chemistry, 2015, 13, 513-519.	2.8	9
89	Design, synthesis and inÂvitro evaluation of novel dehydroabietic acid derivatives containing a dipeptide moiety as potential anticancer agents. European Journal of Medicinal Chemistry, 2015, 89, 370-385.	5. 5	22
90	Ce(OTf) ₃ -Catalyzed [3 + 2] Cycloaddition of Azides with Nitroolefins: Regioselective Synthesis of 1,5-Disubstituted 1,2,3-Triazoles. Journal of Organic Chemistry, 2014, 79, 4463-4469.	3.2	117

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91	Simultaneous reduction of aldehyde group to hydroxymethyl group in palladium-catalyzed Suzuki cross-coupling reaction. Chemical Research in Chinese Universities, 2014, 30, 614-618.	2.6	6
92	Samarium(III)-Catalyzed C(sp ³)â€"H Bond Activation: Synthesis of Indolizines <i>via</i> Câ€"C and Câ€"N Coupling between 2-Alkylazaarenes and Propargylic Alcohols. Organic Letters, 2014, 16, 580-583.	4.6	96
93	Silver-mediated C–H bond functionalization: one-pot to construct substituted indolizines from 2-alkylazaarenes with alkynes. Tetrahedron, 2014, 70, 6717-6722.	1.9	34
94	Synthesis and biological evaluation of novel aniline-derived asiatic acid derivatives as potential anticancer agents. European Journal of Medicinal Chemistry, 2014, 86, 175-188.	5. 5	48
95	Regioselective Synthesis of βâ€Aryl Enaminones and 1,4,5†Trisubstituted 1,2,3†Triazoles from Chalcones and Benzyl Azides. Advanced Synthesis and Catalysis, 2014, 356, 3347-3355.	4.3	43
96	Two new diterpene derivatives from Euphorbia lunulata Bge and their anti-proliferative activities. Fìtoterapìâ, 2014, 96, 33-38.	2.2	25
97	Synthesis and antitumor activities of novel α-aminophosphonates dehydroabietic acid derivatives. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5283-5289.	2.2	55
98	Tuning the Photophysical Properties of Cyclometalated Ir(III) Complexes by a Trifluoroacetyl Group. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2012, 67, 213-218.	0.7	1
99	Novel Cyclometalated Iridium(III) Xanthate Complexes and Their Phosphorescence Behavior in the Presence of Metal Ions. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2012, 67, 865-871.	0.7	1
100	Antioxidant activities and transition metal ion chelating studies of some hydroxyl Schiff base derivatives. Medicinal Chemistry Research, 2012, 21, 1341-1346.	2.4	10
101	Microwave-assisted synthesis and evaluation of naphthalimides derivatives as free radical scavengers. Medicinal Chemistry Research, 2011, 20, 752-759.	2.4	13
102	Antioxidant activity and inhibition effect on the growth of human colon carcinoma (HT-29) cells of esculetin from Cortex Fraxini. Medicinal Chemistry Research, 2011, 20, 968-974.	2.4	14
103	Antioxidant activities of Liquidambar formosana Hance leaf extracts. Medicinal Chemistry Research, 2010, 19, 166-176.	2.4	26
104	Antioxidant activity of alcoholic extract of Agrimonia pilosa Ledeb. Medicinal Chemistry Research, 2010, 19, 448-461.	2.4	20
105	Four New 1,4â€Benzoquinone Derivatives and One New Coumarin Isolated from <i>Ardisia gigantifolia</i> . Helvetica Chimica Acta, 2010, 93, 249-256.	1.6	9
106	Withanolides from <i>Physalis alkekengi</i> var. <i>francheti</i> . Helvetica Chimica Acta, 2008, 91, 2284-2291.	1.6	18