

Hua Sun

List of Publications by Year in descending order

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69
papers

1,585
citations

361045

20
h-index

315357

38
g-index

73
all docs

73
docs citations

73
times ranked

2521
citing authors

#	ARTICLE	IF	CITATIONS
1	Composition design and medical application of liposomes. <i>European Journal of Medicinal Chemistry</i> , 2019, 164, 640-653.	2.6	367
2	Electroacupuncture ameliorates neuronal injury by Pink1/Parkin-mediated mitophagy clearance in cerebral ischemia-reperfusion. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 91, 23-34.	1.2	90
3	Toxicity of multi-walled carbon nanotubes, graphene oxide, and reduced graphene oxide to zebrafish embryos. <i>Biomedical and Environmental Sciences</i> , 2014, 27, 676-83.	0.2	89
4	Natural Prenylchalconaringenins and Prenylnaringenins as Antidiabetic Agents: $\hat{1}\pm$ -Glucosidase and $\hat{1}\pm$ -Amylase Inhibition and in Vivo Antihyperglycemic and Antihyperlipidemic Effects. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1574-1581.	2.4	86
5	Exosomes from different cells: Characteristics, modifications, and therapeutic applications. <i>European Journal of Medicinal Chemistry</i> , 2020, 207, 112784.	2.6	59
6	Synthesis and anti-cancer activity evaluation of 5-(2-carboxyethenyl)-isatin derivatives. <i>European Journal of Medicinal Chemistry</i> , 2016, 112, 145-156.	2.6	52
7	Effects of Acupuncture at GV20 and ST36 on the Expression of Matrix Metalloproteinase 2, Aquaporin 4, and Aquaporin 9 in Rats Subjected to Cerebral Ischemia/Reperfusion Injury. <i>PLoS ONE</i> , 2014, 9, e97488.	1.1	52
8	Synthesis, $\hat{1}\pm$ -glucosidase inhibitory and molecular docking studies of prenylated and geranylated flavones, isoflavones and chalcones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4567-4571.	1.0	50
9	Synthesis of 6-hydroxyaurone analogues and evaluation of their $\hat{1}\pm$ -glucosidase inhibitory and glucose consumption-promoting activity: Development of highly active 5,6-disubstituted derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3226-3230.	1.0	41
10	New insights into the biological activities of <i>Chrysanthemum morifolium</i> : Natural flavonoids alleviate diabetes by targeting $\hat{1}\pm$ -glucosidase and the PTP-1B signaling pathway. <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 108-115.	2.6	39
11	DKK1 inhibits breast cancer cell migration and invasion through suppression of $\hat{1}^2$ -catenin/MMP7 signaling pathway. <i>Cancer Cell International</i> , 2019, 19, 168.	1.8	38
12	Inhibitory activity evaluation and mechanistic studies of tetracyclic oxindole derivatives as $\hat{1}\pm$ -glucosidase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 365-378.	2.6	37
13	Akt1 inhibition promotes breast cancer metastasis through EGFR-mediated $\hat{1}^2$ -catenin nuclear accumulation. <i>Cell Communication and Signaling</i> , 2018, 16, 82.	2.7	34
14	MEK inhibitor, PD98059, promotes breast cancer cell migration by inducing $\hat{1}^2$ -catenin nuclear accumulation. <i>Oncology Reports</i> , 2017, 38, 3055-3063.	1.2	30
15	A highly practical and convenient halogenation of fused heterocyclic N-oxides. <i>Tetrahedron</i> , 2016, 72, 5762-5768.	1.0	27
16	Electroacupuncture Treatment Improves Neurological Function Associated with Regulation of Tight Junction Proteins in Rats with Cerebral Ischemia Reperfusion Injury. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-10.	0.5	26
17	Inhibition of PIKfyve using YM201636 suppresses the growth of liver cancer via the induction of autophagy. <i>Oncology Reports</i> , 2019, 41, 1971-1979.	1.2	24
18	Phospholipid-stabilized mesoporous carbon nanospheres as versatile carriers for systemic delivery of amphiphobic SNX-2112 (a Hsp90 inhibitor) with enhanced antitumor effect. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 94, 30-41.	2.0	23

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19	Electroacupuncture promotes axonal regrowth by attenuating the myelin-associated inhibitors-induced RhoA/ROCK pathway in cerebral ischemia/reperfusion rats. <i>Brain Research</i> , 2020, 1748, 147075.	1.1	23
20	Decreased Expression of Multidrug Resistance-Associated Protein 4 (MRP4/ABCC4) Leads to Reduced Glucuronidation of Flavonoids in UGT1A1-Overexpressing HeLa Cells: The Role of Futile Recycling. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6001-6008.	2.4	21
21	EGF promotes <i>DKK1</i> transcription in hepatocellular carcinoma by enhancing the phosphorylation and acetylation of histone H3. <i>Science Signaling</i> , 2020, 13, .	1.6	21
22	Glucuronidation of capsaicin by liver microsomes and expressed UGT enzymes: reaction kinetics, contribution of individual enzymes and marked species differences. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2014, 10, 1325-1336.	1.5	20
23	Effects of acupuncture at Baihui (GV 20) and Zusanli (ST 36) on peripheral serum expression of MicroRNA 124, laminin and integrin β 1 in rats with cerebral ischemia reperfusion injury. <i>Chinese Journal of Integrative Medicine</i> , 2016, 22, 49-55.	0.7	20
24	Design, synthesis and docking study of novel tetracyclic oxindole derivatives as β -glucosidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1471-1475.	1.0	19
25	Synthesis & β -glucosidase inhibitory & glucose consumption-promoting activities of flavonoid-coumarin hybrids. <i>Future Medicinal Chemistry</i> , 2018, 10, 1055-1066.	1.1	18
26	Efflux transport of chrysin and apigenin sulfates in HEK293 cells overexpressing SULT1A3: The role of multidrug resistance-associated protein 4 (MRP4/ABCC4). <i>Biochemical Pharmacology</i> , 2015, 98, 203-214.	2.0	16
27	Warfarin is an Effective Modifier of Multiple UDP-Glucuronosyltransferase Enzymes: Evaluation of its Potential to Alter the Pharmacokinetics of Zidovudine. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 244-256.	1.6	16
28	Highly efficient synthesis of 5- α -cyanovaleramide by <i>Rhodococcus ruber</i> CGMCC3090 resting cells. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 1396-1400.	1.6	15
29	Sulfonation of raloxifene in HEK293 cells overexpressing SULT1A3: Involvement of breast cancer resistance protein (BCRP/ABCG2) and multidrug resistance-associated protein 4 (MRP4/ABCC4) in excretion of sulfate metabolites. <i>Drug Metabolism and Pharmacokinetics</i> , 2015, 30, 425-433.	1.1	15
30	Glucose-Based Mesoporous Carbon Nanospheres as Functional Carriers for Oral Delivery of Amphiphobic Raloxifene: Insights into the Bioavailability Enhancement and Lymphatic Transport. <i>Pharmaceutical Research</i> , 2016, 33, 792-803.	1.7	15
31	Therapeutic Potential of a Combination of Electroacupuncture and Human iPSC-Derived Small Extracellular Vesicles for Ischemic Stroke. <i>Cells</i> , 2022, 11, 820.	1.8	15
32	Regio- and Isoform-Specific Glucuronidation of Psoralidin: Evaluation of 3-O-Glucuronidation as a Functional Marker for UGT1A9. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2369-2377.	1.6	13
33	A validated ultra-performance liquid chromatography-tandem mass spectrometry method to identify the pharmacokinetics of SR8278 in normal and streptozotocin-induced diabetic rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1020, 142-147.	1.2	13
34	Electroacupuncture at GV20 and ST36 Exerts Neuroprotective Effects via the EPO-Mediated JAK2/STAT3 Pathway in Cerebral Ischemic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-11.	0.5	12
35	Synthesis and biological evaluation of novel <i>N</i> - α -amyl- β - α -(benzoazol-2-yl)-sulfanylalkanamides as dual inhibitors of β -glucosidase and protein tyrosine phosphatase 1B. <i>Chemical Biology and Drug Design</i> , 2018, 92, 1647-1656.	1.5	12
36	P300-dependent acetylation of histone H3 is required for epidermal growth factor receptor-mediated high-mobility group protein A2 transcription in hepatocellular carcinoma. <i>Cancer Science</i> , 2021, 112, 679-690.	1.7	12

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37	Effects of Acupuncture on Hospitalized Patients with Urinary Retention. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-7.	0.5	11
38	Catalyst-free three-component synthesis of highly functionalized 2,3-dihydropyrroles. Green Chemistry, 2018, 20, 2775-2780.	4.6	10
39	First Total Synthesis and Cytotoxicity of Naturally Occurring Lespedezol E1. Chemistry of Natural Compounds, 2016, 52, 896-898.	0.2	9
40	Characterization of the inclusion complex of 16,17 β -epoxyprogesterone with randomly methylated β -cyclodextrin in aqueous solution and in the solid state. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 69, 273-280.	1.6	8
41	Sulfation disposition of liquiritigenin in SULT1A3 overexpressing HEK293 cells: The role of breast cancer resistance protein (BCRP) and multidrug resistance-associated protein 4 (MRP4) in sulfate efflux of liquiritigenin. European Journal of Pharmaceutical Sciences, 2018, 124, 228-239.	1.9	7
42	Synthesis of tetracyclic oxindoles and evaluation of their β -glucosidase inhibitory and glucose consumption-promoting activity. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127264.	1.0	7
43	Accurate identification of UDP-glucuronosyltransferase 1A1 (UGT1A1) inhibitors using UGT1A1-overexpressing HeLa cells. Xenobiotica, 2015, 45, 945-953.	0.5	6
44	Elucidation of the Differences in Cinobufotalin [™] s Pharmacokinetics Between Normal and Diethylnitrosamine-Injured Rats: The Role of P-Glycoprotein. Frontiers in Pharmacology, 2019, 10, 521.	1.6	6
45	Electroacupuncture Regulates Endoplasmic Reticulum Stress and Ameliorates Neuronal Injury in Rats with Acute Ischemic Stroke. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-11.	0.5	6
46	Cinobufotalin inhibits the epithelial-mesenchymal transition of hepatocellular carcinoma cells through down-regulate β -catenin in vitro and in vivo. European Journal of Pharmacology, 2022, 922, 174886.	1.7	6
47	An efficient semi-synthesis and structure revision of a cytotoxic triterpenoid 25-acetoxy-3 β -hydroxyolean-12-en-28-oic acid from Liquidamber styraciflua. Journal of Asian Natural Products Research, 2008, 10, 271-276.	0.7	4
48	Pharmacokinetic characterization of anhuienoside C and its deglycosylated metabolites in rats. Xenobiotica, 2017, 47, 885-893.	0.5	4
49	Synthesis of natural β -Prenylchalconaringenin and biological evaluation of ameliorating non-alcoholic fatty liver disease and metabolic syndrome. European Journal of Medicinal Chemistry, 2020, 205, 112649.	2.6	4
50	Four new fatty acid derivatives from <i>Diaporthe</i> sp. T24, an endophytic fungus isolated from <i>Ligularia fischeri</i> . Journal of Asian Natural Products Research, 2022, 24, 603-616.	0.7	4
51	Hypoglycemic and hypolipidemic dual activities of extracts and flavonoids from <i>Desmodium caudatum</i> and an efficient synthesis of the most potent 8-prenylquercetin. <i>F\ddot{A}-totera p\ddot{A}-\ddot{A}c</i> , 2022, 156, 105083.	1.1	4
52	Optimization of Conditions for the Biotransformation of 5-Cyanovaleramide from Adiponitrile by <i>Rhodococcus ruber</i> CGMCC 3090. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, ...	0.0	3
53	Development and validation of an ultra-performance liquid chromatography-tandem mass spectrometry method for quantification of SR1001, an inverse agonist of retinoid-related orphan receptors, and its application to pharmacokinetic studies in streptozotocin-induced diabetic mice. Journal of Pharmaceutical and Biomedical Analysis, 2017, 143, 94-100.	1.4	3
54	Characterization of Formononetin Sulfonation in SULT1A3 Overexpressing HKE293 Cells: Involvement of Multidrug Resistance-Associated Protein 4 in Excretion of Sulfate. Frontiers in Pharmacology, 2020, 11, 614756.	1.6	3

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55	Synthesis and Biological Evaluations of Cytotoxic and Antiangiogenic Triterpenoids-Jacaranone Conjugates. <i>Medicinal Chemistry</i> , 2016, 12, 775-785.	0.7	3
56	Suppression of epidermal growth factor receptor-mediated β -catenin nuclear accumulation enhances the anti-tumor activity of phosphoinositide 3-kinase inhibitor in breast cancer. <i>Cell Biology International</i> , 2019, 43, 931-939.	1.4	2
57	Rhodium-catalyzed iminoiodane-mediated oxyamidation studies of 5-vinyluracil derivatives using aryl and alkyl sulfamates. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7414-7424.	1.5	2
58	Effects of diacetyl guan-fu base A on pacemaker cells in sinoatrial node of rabbits. <i>Acta Pharmacologica Sinica</i> , 2002, 23, 627-30.	2.8	2
59	Progesterone Hydroxylation with <i>Colletotrichum Lini</i> AS3. 4486. <i>Advanced Materials Research</i> , 2011, 343-344, 1070-1073.	0.3	1
60	Synthesis of Rottlerone Analogues and Evaluation of Their α -Glucosidase and DPP-4 Dual Inhibitory and Glucose Consumption-Promoting Activity. <i>Molecules</i> , 2021, 26, 1024.	1.7	1
61	The classification and therapeutic applications of molecular motors. <i>European Journal of Medicinal Chemistry Reports</i> , 2021, 3, 100009.	0.6	1
62	12 β ,14-Dihydroxy-3-oxo-5 β ,20(22)-cardenolide monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2704-o2704.	0.2	0
63	Biotransformation of digoxigenin by <i>Arthrobacter simplex</i> TCCC 11037. , 2010, , .		0
64	Biotransformation of Digitoxin by <i>Aspergillus Ochraceus</i> . <i>Advanced Materials Research</i> , 2011, 343-344, 1281-1284.	0.3	0
65	Distributed beamforming with relay-aided interference alignment in fully connected interference network. , 2011, , .		0
66	Design, synthesis and biological activity evaluation of novel antibacterial agent (E)-1-(4-chlorobenzyl)-5-styrylindoline-2, 3-dione. , 2011, , .		0
67	Crystal structure of 3 β ,7 β ,15 β -trihydroxy-11-oxo-18 β ,20 β -olean-12-en-30- oic acid " chloroform " water (1:1:1), C ₃₀ H ₄₆ O ₆ \cdot CHCl ₃ \cdot H ₂ O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2011, 226, .	0.1	0
68	Study on preparation and stability of antioxidant peptides from acer truncatum seed. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 440, 022001.	0.2	0
69	Microbial Transformation of Antitumor Isatin Derivatives by Fungi. <i>Lecture Notes in Electrical Engineering</i> , 2015, , 391-396.	0.3	0