

# Huan Yang

## List of Publications by Year in descending order

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56  
papers

1,826  
citations

430874

18  
h-index

276875

41  
g-index

58  
all docs

58  
docs citations

58  
times ranked

2570  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nicotine promotes atherosclerosis via ROS-NLRP3-mediated endothelial cell pyroptosis. <i>Cell Death and Disease</i> , 2018, 9, 171.	6.3	371
2	Melatonin prevents endothelial cell pyroptosis via regulation of long noncoding RNA MEG3/miR-223/NLRP3 axis. <i>Journal of Pineal Research</i> , 2018, 64, e12449.	7.4	313
3	Exosomal miR-423-5p targets SUFU to promote cancer growth and metastasis and serves as a novel marker for gastric cancer. <i>Molecular Carcinogenesis</i> , 2018, 57, 1223-1236.	2.7	114
4	Neuroprotective effects of gallic acid against hypoxia/reoxygenation-induced mitochondrial dysfunctions in vitro and cerebral ischemia/reperfusion injury in vivo. <i>Brain Research</i> , 2014, 1589, 126-139.	2.2	103
5	Exosomal TRIM3 is a novel marker and therapy target for gastric cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 162.	8.6	85
6	UBR2 Enriched in p53 Deficient Mouse Bone Marrow Mesenchymal Stem Cell-Exosome Promoted Gastric Cancer Progression via Wnt/ $\beta$ -Catenin Pathway. <i>Stem Cells</i> , 2017, 35, 2267-2279.	3.2	73
7	The emerging roles of exosomes in tumor-stroma interaction. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 1897-1907.	2.5	67
8	miR-155-5p inhibition promotes the transition of bone marrow mesenchymal stem cells to gastric cancer tissue derived MSC-like cells via NF- $\kappa$ B p65 activation. <i>Oncotarget</i> , 2016, 7, 16567-16580.	1.8	60
9	Simultaneous determination of six active components in crude and processed <i>Fructus Corni</i> by high performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 194-197.	2.8	53
10	An Orally Active Bradykinin B <sub>1</sub> Receptor Antagonist Engineered as a Bifunctional Chimera of Sunflower Trypsin Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 504-510.	6.4	39
11	Desensitizing Mitochondrial Permeability Transition by ERK-Cyclophilin D Axis Contributes to the Neuroprotective Effect of Gallic Acid against Cerebral Ischemia/Reperfusion Injury. <i>Frontiers in Pharmacology</i> , 2017, 8, 184.	3.5	39
12	A more ecological and efficient approach for producing diosgenin from <i>Dioscorea zingiberensis</i> tubers via pressurized biphasic acid hydrolysis. <i>Journal of Cleaner Production</i> , 2016, 131, 10-19.	9.3	38
13	Preliminary studies on anti-tumor activity of 2,4-dihydroxychalcone isolated from <i>Herba Oxytropis</i> in human gastric cancer MGC-803 cells. <i>Toxicology in Vitro</i> , 2009, 23, 906-910.	2.4	35
14	A novel strategy for the discrimination of gelatinous Chinese medicines based on enzymatic digestion followed by nano-flow liquid chromatography in tandem with orbitrap mass spectrum detection. <i>International Journal of Nanomedicine</i> , 2015, 10, 4947.	6.7	35
15	Flavonols and derivatives of gallic acid from young leaves of <i>Toona sinensis</i> (A. Juss.) Roemer and evaluation of their anti-oxidant capacity by chemical methods. <i>Pharmacognosy Magazine</i> , 2014, 10, 185.	0.6	28
16	Preparation and characterization of oregano essential oil-loaded <i>Dioscorea zingiberensis</i> starch film with antioxidant and antibacterial activity and its application in chicken preservation. <i>International Journal of Biological Macromolecules</i> , 2022, 212, 20-30.	7.5	27
17	Construction of Fe <sub>3</sub> O <sub>4</sub> @ $\beta$ -glucosidase magnetic nanoparticles for ligand fishing of $\beta$ -glucosidase inhibitors from a natural tonic <i>Epimedium Folium</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1361-1372.	7.5	22
18	Rapid quantitative analysis of diosgenin in the tubers of <i>Dioscorea zingiberensis</i> C.H. Wright by coupling cellulose enzymolysis and two-phase acid hydrolysis in tandem with HPLC-UV. <i>Natural Product Research</i> , 2013, 27, 1933-1935.	1.8	21

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19	Validated reversed phase-high performance liquid chromatography-diode array detector method for the quantitation of Rutin, a natural immunostimulant for improving survival in aquaculture practice, in <i>toonea sinensis folium</i> . <i>Pharmacognosy Magazine</i> , 2012, 8, 49.	0.6	19
20	The anti-hyperglycemic efficacy of a lipid-lowering drug Daming capsule and the underlying signaling mechanisms in a rat model of diabetes mellitus. <i>Scientific Reports</i> , 2016, 6, 34284.	3.3	18
21	A benzo(f)quinolinium fused chromophore-based fluorescent probe for selective detection of c-myc G-Quadruplex DNA with a red emission and a large Stokes shift. <i>Dyes and Pigments</i> , 2019, 168, 334-340.	3.7	16
22	In situ pressurized biphasic acid hydrolysis, a promising approach to produce bioactive diosgenin from the tubers of <i>Dioscorea Zingiberensis</i> . <i>Pharmacognosy Magazine</i> , 2015, 11, 636.	0.6	16
23	Eco-efficient biphasic enzymatic hydrolysis for the green production of rare baohuoside I. <i>Enzyme and Microbial Technology</i> , 2019, 131, 109431.	3.2	14
24	Construction of a novel catalysis system for clean and efficient preparation of Baohuoside I from Icaria based on biphasic enzymatic hydrolysis. <i>Journal of Cleaner Production</i> , 2018, 170, 727-734.	9.3	12
25	Green production of diosgenin from <i>Discorea nipponica</i> Makino tubers based on pressurized biphasic acid hydrolysis via response surface methodology optimization. <i>Green Chemistry Letters and Reviews</i> , 2019, 12, 79-88.	4.7	12
26	Convenient preparation of sagittatoside B, a rare bioactive secondary flavonol glycoside, by recyclable and integrated biphasic enzymatic hydrolysis. <i>Enzyme and Microbial Technology</i> , 2019, 121, 51-58.	3.2	12
27	Integrated extraction and purification of total bioactive flavonoids from <i>Toona sinensis</i> leaves. <i>Natural Product Research</i> , 2019, 33, 3025-3028.	1.8	12
28	Purification and characterization of a novel thermostable anticoagulant protein from medicinal leech <i>Whitmania pigra</i> Whitman. <i>Journal of Ethnopharmacology</i> , 2022, 288, 114990.	4.1	12
29	Quantitative analysis and comparison of four major flavonol glycosides in the leaves of <i>Toona sinensis</i> (A. Juss.) roemer (chinese toon) from various origins by high-performance liquid chromatography-diode array detector and hierarchical clustering analysis. <i>Pharmacognosy Magazine</i> , 2016, 12, 270.	0.6	11
30	Potentides: New Cysteine-Rich Peptides with Unusual Disulfide Connectivity from <i>Potentilla anserina</i> . <i>ChemBioChem</i> , 2019, 20, 1995-2004.	2.6	10
31	Comparative proteomic analysis of three gelatinous chinese medicines and their authentications by tryptic-digested peptides profiling using matrix-assisted laser desorption/ionization-time of flight/time of flight mass spectrometry. <i>Pharmacognosy Magazine</i> , 2017, 13, 663.	0.6	10
32	Analysis of the characteristic compounds of <i>Citri Sarcodactylis Fructus</i> from different geographical origins. <i>Phytochemical Analysis</i> , 2022, 33, 72-82.	2.4	9
33	Efficient preparation of rare Sagittatoside A from epimedine A, by recyclable aqueous organic two-phase enzymatic hydrolysis. <i>Natural Product Research</i> , 2019, 33, 3095-3102.	1.8	8
34	Rapid identification of <i>cervus</i> antlers by species-specific PCR assay. <i>Natural Product Research</i> , 2020, 34, 1315-1319.	1.8	8
35	Identification of signature proteins of processed <i>Bombyx batryticatus</i> by comparative proteomic analysis. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 289-296.	7.5	8
36	Establishment of a rapid method to quantify eight flavonol glycosides for quality assessment of red toon using UPLC. <i>Acta Chromatographica</i> , 2018, 30, 31-37.	1.3	7

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37	Optimization of the extraction, preliminary characterization, and anti-inflammatory activity of crude polysaccharides from the stems of <i>Trapa quadrispinosa</i> . RSC Advances, 2019, 9, 22540-22550.	3.6	7
38	A novel PCR-based technology for rapid and non-sequencing authentication of <i>Bombyx batryticatus</i> using species-specific primers. Natural Product Research, 2019, 33, 1251-1256.	1.8	7
39	Inactivation mechanism of catalytic infrared against <i>Pseudomonas aeruginosa</i> and its decontamination application on dry green Sichuan pepper ( <i>Zanthoxylum schinifolium</i> ). Food Control, 2022, 132, 108483.	5.5	7
40	A novel approach for the efficient extraction of silybin from milk thistle fruits. Pharmacognosy Magazine, 2014, 10, 536.	0.6	6
41	A novel non-sequencing approach for rapid authentication of <i>Testudinis Carapax et Plastrum</i> and <i>Trionycis Carapax</i> by species-specific primers. Royal Society Open Science, 2018, 5, 172140.	2.4	6
42	Analysis of 28 hair samples from users of the hallucinogenic beverage ayahuasca. Forensic Science International, 2021, 323, 110790.	2.2	6
43	Convenient preparation of 2-O-rhamnosyl icaraside II, a rare secondary flavonol glycoside, by recyclable and integrated biphasic enzymatic hydrolysis. Pharmacognosy Magazine, 2019, 15, 147.	0.6	6
44	Anti-inflammatory and Antioxidant Activities of <i>Oxytropis falcata</i> Fractions and Its Possible Anti-inflammatory Mechanism. Chinese Journal of Natural Medicines, 2010, 8, 285-292.	1.3	5
45	Rapid identification of medicinal leech by species-specific polymerase chain reaction technology. Pharmacognosy Magazine, 2019, 15, 410.	0.6	5
46	Development of a species-specific polymerase chain reaction-based technology for authentication of <i>asinus corii colla</i> and <i>taurus corii colla</i> . Pharmacognosy Magazine, 2019, 15, 607.	0.6	5
47	Conversion of <i>Dioscorea zingiberensis</i> saponins to prosapogenin A by enzymatic hydrolysis. Natural Product Research, 2023, 37, 1421-1428.	1.8	5
48	RP-HPLC-DAD DETERMINATION OF SIX TRITERPENES IN A HERBAL TONIC HOELEN. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 1772-1782.	1.0	4
49	Confirmation of <i>Gelsemium elegans</i> poisoning by UHPLC-MS/MS analysis of koumine, gelsemine, and gelsenicine in hair. Journal of Pharmaceutical and Biomedical Analysis, 2022, 210, 114546.	2.8	4
50	Comparative Study on Two Antioxidant Flavanol-3-O-Rhamnosides in the Leaves of <i>Toona sinensis</i> (Chinese Toon) from Different Production Sites by HPLC-UV. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 687-691.	1.0	3
51	Effects of Acupuncture at St36 on Pharmacokinetics of <i>Schisandra</i> lignans in rats. Acupuncture in Medicine, 2015, 33, 223-229.	1.0	3
52	Efficient and clean preparation of rare prosaikogenin D by enzymatic hydrolysis of saikosaponin B2 and response surface methodology optimization. Enzyme and Microbial Technology, 2020, 142, 109690.	3.2	3
53	Detection of amfepramone and its metabolite cathinone in human hair: Application to authentic cases of amfepramone use. Drug Testing and Analysis, 2022, 14, 101-109.	2.6	3
54	LC Determination of Five Flavonoid Aglycones in the Tibetan Medicinal Plant <i>Oxytropis falcata</i> Bunge. Chromatographia, 2009, 70, 1451-1454.	1.3	2

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55	Harnessing multiplex PCR assay targeting specific mitochondrial DNA elements for simultaneous identification of antelope species in Cornu Saigae Tataricae. Mitochondrial DNA Part B: Resources, 2019, 4, 3222-3226.	0.4	1
56	A species-specific triplex PCR assay for authentication of Galli Gigerii Endothelium Corneum. Mitochondrial DNA Part B: Resources, 2021, 6, 1044-1049.	0.4	1