

# Hong Yao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9013111/publications.pdf>

Version: 2024-02-01

71  
papers

1,989  
citations

270111

25  
h-index

312153

41  
g-index

73  
all docs

73  
docs citations

73  
times ranked

2436  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress (2015–2020) in the investigation of the pharmacological effects and mechanisms of ginsenoside Rb1, a main active ingredient in <i>Panax ginseng</i> Meyer. <i>Journal of Ginseng Research</i> , 2022, 46, 39-53.	3.0	26
2	Synthesis, biological evaluation, pharmacokinetic studies and molecular docking of 4-acetyl-delicaflavone as antitumor agents. <i>Bioorganic Chemistry</i> , 2022, 120, 105638.	2.0	5
3	Isoorientin attenuates doxorubicin-induced cardiac injury via the activation of MAPK, Akt, and Caspase-dependent signaling pathways. <i>Phytomedicine</i> , 2022, 101, 154105.	2.3	16
4	A comprehensive system review of pharmacological effects and relative mechanisms of Ginsenoside Re: Recent advances and future perspectives. <i>Phytomedicine</i> , 2022, 102, 154119.	2.3	13
5	Tissue Distribution, Excretion, and Interaction With Human Serum Albumin of Total Bioflavonoid Extract From <i>Selaginella doederleinii</i> . <i>Frontiers in Pharmacology</i> , 2022, 13, 849110.	1.6	2
6	Molecular mechanism and pharmacokinetics of flavonoids in the treatment of resistant EGF receptor-mutated non-small cell lung cancer: A narrative review. <i>British Journal of Pharmacology</i> , 2021, 178, 1388-1406.	2.7	10
7	Recent Research Progress (2015–2021) and Perspectives on the Pharmacological Effects and Mechanisms of Tanshinone IIA. <i>Frontiers in Pharmacology</i> , 2021, 12, 778847.	1.6	20
8	Pharmacokinetics, Tissue Distribution, and Human Serum Albumin Binding Properties of Delicaflavone, a Novel Anti-Tumor Candidate. <i>Frontiers in Pharmacology</i> , 2021, 12, 761884.	1.6	10
9	Deciphering the potential anti-COVID-19 active ingredients in <i>Andrographis paniculata</i> (Burm. F.) Nees by combination of network pharmacology, molecular docking, and molecular dynamics. <i>RSC Advances</i> , 2021, 11, 36511-36517.	1.7	17
10	Delicaflavone induces ROS-mediated apoptosis and inhibits PI3K/AKT/mTOR and Ras/MEK/Erk signaling pathways in colorectal cancer cells. <i>Biochemical Pharmacology</i> , 2020, 171, 113680.	2.0	57
11	Non-covalent modification of glassy carbon electrode with isoorientin and application to alpha-fetoprotein detection by fabricating an immunosensor. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127494.	4.0	13
12	An Integrated Pharmacokinetic Study of an <i>Acanthopanax senticosus</i> Extract Preparation by Combination of Virtual Screening, Systems Pharmacology, and Multi-Component Pharmacokinetics in Rats. <i>Frontiers in Pharmacology</i> , 2020, 11, 1295.	1.6	11
13	Ethyl Acetate Extract of <i>Selaginella doederleinii</i> Hieron Induces Cell Autophagic Death and Apoptosis in Colorectal Cancer via PI3K-Akt-mTOR and AMPK $\pm$ -Signaling Pathways. <i>Frontiers in Pharmacology</i> , 2020, 11, 565090.	1.6	13
14	<i>Schisandra chinensis</i> bee pollen <sup>TM</sup> s chemical profiles and protective effect against H <sub>2</sub> O <sub>2</sub> -induced apoptosis in H9c2 cardiomyocytes. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 274.	1.2	7
15	Potential mechanism of action of <i>Ixeris sonchifolia</i> extract injection against cardiovascular diseases revealed by combination of HPLC-Q-TOF-MS, virtual screening and systems pharmacology approach. <i>RSC Advances</i> , 2020, 10, 38497-38504.	1.7	8
16	Improved solubility, dissolution rate, and oral bioavailability of main biflavonoids from <i>Selaginella doederleinii</i> extract by amorphous solid dispersion. <i>Drug Delivery</i> , 2020, 27, 309-322.	2.5	38
17	Three-phase hollow fiber liquid-phase microextraction combined with HPLC for determination of three trace acidic plant growth regulators in <i>Anoectochilus roxburghii</i> (Wall.) Lindl. <i>Journal of Separation Science</i> , 2020, 43, 2773-2783.	1.3	5
18	Systems Pharmacology Dissection of Mechanisms of Dengzhan Xixin Injection against Cardiovascular Diseases. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 837-847.	0.6	6

#	ARTICLE	IF	CITATIONS
19	An integrated pharmacokinetic study of Dengzhanxixin injection in rats by combination of multicomponent pharmacokinetics and anti-myocardial ischemic assay. RSC Advances, 2019, 9, 25309-25317.	1.7	6
20	Polyvinyl butyral/graphene oxide nanocomposite modified electrode for the integrate determination of terminal metabolites of catecholamines in human urine. Journal of Electroanalytical Chemistry, 2019, 848, 113267.	1.9	10
21	&lt;p&gt;Proliposomes for oral delivery of total biflavonoids extract from &lt;em&gt;Selaginella doederleinii&lt;/em&gt;; formulation development, optimization, and in vitro&#x2013;in vivo characterization&lt;/p&gt;. International Journal of Nanomedicine, 2019, Volume 14, 6691-6706.	3.3	24
22	<p>Protective effects of five compounds from <em>Livistona chinensis</em> R. Brown leaves against hypoxia/reoxygenation, H<sub>2</sub>O<sub>2</sub>, or adriamycin-induced injury in H9c2 cells</p>. Drug Design, Development and Therapy, 2019, Volume 13, 1555-1566.	2.0	10
23	Delicaflavone induces apoptosis via mitochondrial pathway accompanying G2/M cycle arrest and inhibition of MAPK signaling cascades in cervical cancer HeLa cells. Phytomedicine, 2019, 62, 152973.	2.3	35
24	Magnetic dispersive solid-phase micro-extraction combined with high-performance liquid chromatography for determining nucleotides in Anoectochilus roxburghii (Wall.) Lindl. Journal of Pharmaceutical and Biomedical Analysis, 2019, 174, 432-440.	1.4	16
25	Antioxidative and Cardioprotective Effects of Schisandra chinensis Bee Pollen Extract on Isoprenaline-Induced Myocardial Infarction in Rats. Molecules, 2019, 24, 1090.	1.7	27
26	Simultaneous Determination of Five Phenolic Acids and Four Flavonoid Glycosides in Rat Plasma Using HPLC-MS/MS and Its Application to a Pharmacokinetic Study after a Single Intravenous Administration of Kudiezi Injection. Molecules, 2019, 24, 64.	1.7	7
27	Qualitative and Quantitative Analysis of the Major Ingredients of a Herbal Preparation, Ciwujia Injection by Combination of HPLC-Q-TOF-MS, HPLC-TQ-MS/MS and UPLC-PDA. Current Pharmaceutical Analysis, 2019, 15, 388-398.	0.3	8
28	Simultaneous Determination of Five Iridoid Glycosides and Three Flavonoid Glycosides in Hedyotis Diffusa Wild by UPLC-UV with Ultrasound-Assisted Extraction. Current Pharmaceutical Analysis, 2019, 15, 808-818.	0.3	1
29	Anticancer effect of petroleum ether extract from Bidens pilosa L and its constituent's analysis by GC-MS. Journal of Ethnopharmacology, 2018, 217, 126-133.	2.0	21
30	A comprehensive review of recent studies on pharmacokinetics of traditional Chinese medicines (2014&#x2013;2017) and perspectives. Drug Metabolism Reviews, 2018, 50, 161-192.	1.5	35
31	Simultaneous quantification of five biflavonoids in rat plasma by LC-ESI&#x2013;MS/MS and its application to a comparatively pharmacokinetic study of Selaginella doederleinii Hieron extract in rats. Journal of Pharmaceutical and Biomedical Analysis, 2018, 149, 80-88.	1.4	26
32	Identification of Pharmacokinetic Markers for Guanxin Danshen Drop Pills in Rats by Combination of Pharmacokinetics, Systems Pharmacology, and Pharmacodynamic Assays. Frontiers in Pharmacology, 2018, 9, 1493.	1.6	14
33	Protective effect of scutellarin on myocardial infarction induced by isoprenaline in rats. Iranian Journal of Basic Medical Sciences, 2018, 21, 267-276.	1.0	36
34	Optimization of dispersive liquid-phase microextraction based on solidified floating organic drop combined with high-performance liquid chromatography for the analysis of glucocorticoid residues in food. Journal of Pharmaceutical and Biomedical Analysis, 2017, 138, 363-372.	1.4	21
35	A strategy for integrated pharmacokinetic study of cardiovascular herbal medicines based on chemiluminescence and HPLC-MS/MS assays: a case using Danshen injection. RSC Advances, 2017, 7, 13570-13583.	1.7	13
36	Purification of polysaccharide from artificially cultivated <i>Anoectochilus roxburghii</i> (wall.) <b>Lindl</b>. by high-speed counter current chromatography and its antitumor activity. Journal of Separation Science, 2017, 40, 4338-4346.	1.3	17

#	ARTICLE	IF	CITATIONS
37	Delicaflavone induces autophagic cell death in lung cancer via Akt/mTOR/p70S6K signaling pathway. <i>Journal of Molecular Medicine</i> , 2017, 95, 311-322.	1.7	44
38	DPPHâ€™s luminol chemiluminescence system and its application in the determination of scutellarin in pharmaceutical injections and rat plasma with flow injection analysis. <i>Luminescence</i> , 2017, 32, 588-595.	1.5	6
39	Analysis of the Total Biflavonoids Extract from <i>Selaginella doederleinii</i> by HPLC-QTOF-MS and Its In Vitro and In Vivo Anticancer Effects. <i>Molecules</i> , 2017, 22, 325.	1.7	64
40	Simultaneous Determination of Eight Phenolic Acids, Five Saponins and Four Tanshinones for Quality Control of Compound Preparations Containing Danshen-Sanqi Herb-pair by HPLC-DAD. <i>Pharmacognosy Magazine</i> , 2017, 13, 64-75.	0.3	8
41	Ethyl acetate extract from <i>Selaginella doederleinii</i> Hieron inhibits the growth of human lung cancer cells A549 via caspase-dependent apoptosis pathway. <i>Journal of Ethnopharmacology</i> , 2016, 190, 261-271.	2.0	45
42	Pharmacokinetics, Tissue Distribution and Protein Binding Studies of Chrysocauloflavone I in Rats. <i>Planta Medica</i> , 2016, 82, 217-223.	0.7	12
43	Metabolism and plasma pharmacokinetics of isoorientin, a natural active ingredient, in Sprague-Dawley male rats after oral and intravenous administration. <i>Xenobiotica</i> , 2015, 45, 999-1008.	0.5	11
44	Honey reduces blood alcohol concentration but not affects the level of serum MDA and GSH-Px activity in intoxicated male mice models. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 225.	3.7	12
45	Preparative Isolation of six Anti-Tumour Biflavonoids from <i>Selaginella Doederleinii</i> Hieron by High-Speed Counter-Current Chromatography. <i>Phytochemical Analysis</i> , 2014, 25, 127-133.	1.2	59
46	Characterization of poly(5-hydroxytryptamine)-modified glassy carbon electrode and applications to sensing of norepinephrine and uric acid in preparations and human urines. <i>Electrochimica Acta</i> , 2013, 92, 341-348.	2.6	20
47	Determination of Seven Biflavones of <i>Selaginella Doederleinii</i> by High Performance Liquid Chromatography. <i>Analytical Letters</i> , 2013, 46, 2835-2845.	1.0	17
48	Screening and quantitative analysis of antioxidants in the fruits of <i>Livistona chinensis</i> R. Br using HPLC-DADâ€™ESI/MS coupled with pre-column DPPH assay. <i>Food Chemistry</i> , 2012, 135, 2802-2807.	4.2	47
49	Metabolite Profiling and Pharmacokinetics of Herbal Compounds Following Oral Administration of a Cardiovascular Multi-herb Medicine (Qishen Yiqi Pills) in Rats. <i>Current Drug Metabolism</i> , 2012, 13, 510-523.	0.7	43
50	Chromatographic Fingerprint and Quantitative Analysis of Seven Bioactive Compounds of <i>Scutellaria barbata</i> . <i>Planta Medica</i> , 2011, 77, 388-393.	0.7	31
51	Chemical fingerprinting and quantitative analysis of a <i>Panax notoginseng</i> preparation using HPLC-UV and HPLC-MS. <i>Chinese Medicine</i> , 2011, 6, 9.	1.6	33
52	Electrochemical biosensor based on nanogold-modified poly-eriochrome black T film for BCR/ABL fusion gene assay by using hairpin LNA probe. <i>Talanta</i> , 2010, 80, 2113-2119.	2.9	45
53	Untargeted metabolic profiling reveals potential biomarkers in myocardial infarction and its application. <i>Molecular BioSystems</i> , 2010, 6, 1061.	2.9	44
54	A high throughput chemiluminescence method for determination of chemical oxygen demand in waters. <i>Analytica Chimica Acta</i> , 2009, 633, 76-80.	2.6	34

#	ARTICLE	IF	CITATIONS
55	Selective oxidation of serotonin and norepinephrine over eriochrome cyanine R film modified glassy carbon electrode. <i>Electrochimica Acta</i> , 2009, 54, 4607-4612.	2.6	41
56	High throughput chemiluminescence platform for evaluating antioxidative activity of total flavonoid glycosides from plant extracts. <i>Food Chemistry</i> , 2009, 115, 380-386.	4.2	14
57	Electrocatalytic oxidation and determination of norepinephrine in the presence of ascorbic and uric acids at a poly (Evans Blue)â€”modified glassy carbon electrode. <i>Journal of Analytical Chemistry</i> , 2009, 64, 189-194.	0.4	9
58	Promotion proliferation effect of a polysaccharide from <i>Aloe barbadensis</i> Miller on human fibroblasts in vitro. <i>International Journal of Biological Macromolecules</i> , 2009, 45, 152-156.	3.6	25
59	Simultaneous determination of dopamine, ascorbic acid and uric acid at poly (Evans Blue) modified glassy carbon electrode. <i>Bioelectrochemistry</i> , 2008, 73, 11-17.	2.4	185
60	On-Line Screening and Identification of Radical Scavenging Compounds Extracted from <i>Flos Lonicerae</i> by LC-DADâ€”TOF-MS. <i>Chromatographia</i> , 2008, 68, 327-332.	0.7	13
61	Electrochemical Oxidation of Luteolin at a Glassy Carbon Electrode and Its Application in Pharmaceutical Analysis. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 745-748.	0.6	45
62	Electrocatalytic Response and Determination of Noradrenaline in the Presence of L-Ascorbic and Uric Acids with Poly(Eriochrome Black T)-Modified Electrode. <i>Collection of Czechoslovak Chemical Communications</i> , 2007, 72, 1177-1188.	1.0	13
63	Selective Determination of Epinephrine in the Presence of Ascorbic Acid and Uric Acid by Electrocatalytic Oxidation at Poly(eriochrome Black T) Film-modified Glassy Carbon Electrode. <i>Analytical Sciences</i> , 2007, 23, 677-682.	0.8	60
64	Electrochemical Oxidation and Determination of Norepinephrine in the Presence of Ascorbic Acid and Uric Acid at a Poly(Calconcarboxylic Acid)â€”Modified Electrode. <i>Annali Di Chimica</i> , 2007, 97, 1217-1226.	0.6	6
65	Electrochemical characterization of poly(eriochrome black T) modified glassy carbon electrode and its application to simultaneous determination of dopamine, ascorbic acid and uric acid. <i>Electrochimica Acta</i> , 2007, 52, 6165-6171.	2.6	236
66	Flow-injection chemiluminescence determination of catecholamines based on their enhancing effects on the luminolâ€”potassium periodate system. <i>Luminescence</i> , 2006, 21, 112-117.	1.5	42
67	Flow Injection Chemiluminescence Analysis of Some Penicillins by Their Sensitizing Effect on the Potassium Permanganate-Glyoxal Reaction. <i>Analytical Sciences</i> , 2005, 21, 457-460.	0.8	15
68	Determination of Catecholamines by Flow Injection Chemiluminescence Method Based on Their Restraining Effects on the Luminolâ€”Potassium Chlorate System. <i>Analytical Letters</i> , 2004, 37, 2445-2458.	1.0	13
69	Potassium permanganate?glyoxal chemiluminescence system for flow injection analysis of cephalosporin antibiotics: cefalexin, cefadroxil, and cefazolin sodium in pharmaceutical preparations. <i>Talanta</i> , 2004, 64, 156-159.	2.9	45
70	Determination of ampicillin and amoxycillin by flow injection chemiluminescence method based on their enhancing effects on the luminol-periodate reaction. <i>Luminescence</i> , 2003, 18, 313-317.	1.5	29
71	Flow Injection Chemiluminescence Determination of Cephalosporin Antibiotics by Their Enhancing Effects on Luminolâ€”Potassium Periodate System. <i>Analytical Letters</i> , 2003, 36, 2975-2983.	1.0	18