

# Yuanyuan Zhang

## List of Publications by Year in descending order

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65  
papers

1,096  
citations

471509

17  
h-index

501196

28  
g-index

67  
all docs

67  
docs citations

67  
times ranked

1162  
citing authors

#	ARTICLE	IF	CITATIONS
1	lncRNA-ZFAS1 induces mitochondria-mediated apoptosis by causing cytosolic Ca <sup>2+</sup> overload in myocardial infarction mice model. <i>Cell Death and Disease</i> , 2019, 10, 942.	6.3	60
2	Development of quercetin-phospholipid complex to improve the bioavailability and protection effects against carbon tetrachloride-induced hepatotoxicity in SD rats. <i>FÄ-toterapÄ-tÄc</i> , 2016, 113, 102-109.	2.2	59
3	A study of Semen Strychni-induced renal injury and herbÄ-herb interaction of Radix Glycyrrhizae extract and/or Rhizoma Ligustici extract on the comparative toxicokinetics of strychnine and brucine in rats. <i>Food and Chemical Toxicology</i> , 2014, 68, 226-233.	3.6	56
4	Inhibition of myocardial hypertrophy by magnesium isoglycyrrhizinate through the TLR4/NF-ÎB signaling pathway in mice. <i>International Immunopharmacology</i> , 2018, 55, 237-244.	3.8	52
5	Preparation and evaluation of kaempferolÄ-phospholipid complex for pharmacokinetics and bioavailability in SD rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 114, 168-175.	2.8	43
6	Hesperetin modulates the Sirt1/Nrf2 signaling pathway in counteracting myocardial ischemia through suppression of oxidative stress, inflammation, and apoptosis. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111552.	5.6	40
7	Solubility and Bioavailability Enhancement of Oridonin: A Review. <i>Molecules</i> , 2020, 25, 332.	3.8	38
8	Crocinn attenuates isoprenaline-induced myocardial fibrosis by targeting TLR4/NF-ÎB signaling: connecting oxidative stress, inflammation, and apoptosis. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 13-23.	3.0	36
9	Potential mechanisms underlying the protective effects of salvianic acid A against atherosclerosis in vivo and vitro. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 945-956.	5.6	28
10	The comparative pharmacokinetics of four bioactive ingredients after administration of Ramulus CinnamomiÄ-Radix Glycyrrhizae herb pair extract, Ramulus Cinnamomi extract and Radix Glycyrrhizae extract. <i>Biomedical Chromatography</i> , 2016, 30, 1270-1277.	1.7	27
11	Enhanced Cancer Starvation Therapy Enabled by an Autophagy Inhibitors-Encapsulated Biomimetic ZIF-8 Nanodrug: Disrupting and Harnessing Dual Pro-Survival Autophagic Responses. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 21860-21871.	8.0	27
12	Evaluation of anticancer effects in vitro of new iridium(III) complexes targeting the mitochondria. <i>Journal of Inorganic Biochemistry</i> , 2021, 221, 111465.	3.5	26
13	Crocinn protects against cardiotoxicity induced by doxorubicin through TLR-2/NF-ÎB signal pathway in vivo and vitro. <i>International Immunopharmacology</i> , 2020, 84, 106548.	3.8	24
14	Anger Emotional Stress Influences VEGF/VEGFR2 and Its Induced PI3K/AKT/mTOR Signaling Pathway. <i>Neural Plasticity</i> , 2016, 2016, 1-12.	2.2	23
15	Anticancer effect evaluation in vitro and in vivo of iridium(III) polypyridyl complexes targeting DNA and mitochondria. <i>Bioorganic Chemistry</i> , 2021, 115, 105290.	4.1	23
16	Determination of depression biomarkers in rat plasma by liquid chromatography-mass spectrometry for the study of the antidepressant effect of Zhi-Zi-Hou-Po decoction on rat model of chronic unpredictable mild stress. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 988, 135-142.	2.3	22
17	Studies of anticancer activity in vivo and in vitro behaviors of liposomes encapsulated iridium(III) complex. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 109-122.	2.6	20
18	CircRNA CDR1as promotes cardiomyocyte apoptosis through activating hippo signaling pathway in diabetic cardiomyopathy. <i>European Journal of Pharmacology</i> , 2022, 922, 174915.	3.5	20

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19	Mechanisms underlying the cardio-protection of total ginsenosides against myocardial ischemia in rats <i>in vivo</i> and <i>in vitro</i> : Possible involvement of L-type Ca <sup>2+</sup> channels, contractility and Ca <sup>2+</sup> homeostasis. <i>Journal of Pharmacological Sciences</i> , 2019, 139, 240-248.	2.5	18
20	Potential Mechanisms Underlying the Hepatic Protective Effects of Danshensu on Iron Overload Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2020, 43, 968-975.	1.4	18
21	Iridium(III)-BBIP complexes induce apoptosis via PI3K/AKT/mTOR pathway and inhibit A549 lung tumor growth <i>in vivo</i> . <i>Journal of Inorganic Biochemistry</i> , 2021, 223, 111550.	3.5	18
22	Cell-Based Screening Identifies the Active Ingredients from Traditional Chinese Medicine Formula Shixiao San as the Inhibitors of Atherosclerotic Endothelial Dysfunction. <i>PLoS ONE</i> , 2015, 10, e0116601.	2.5	17
23	Effects of phospholipid complexes of total flavonoids from Persimmon ( <i>Diospyros kaki</i> L.) leaves on experimental atherosclerosis rats. <i>Journal of Ethnopharmacology</i> , 2016, 191, 245-253.	4.1	17
24	Exploring anticancer efficiency of mitochondria-targeted cyclometalated iridium(III) complexes. <i>Journal of Inorganic Biochemistry</i> , 2020, 212, 111215.	3.5	17
25	Mass spectrometry-based chemical mapping and profiling toward molecular understanding of diseases in precision medicine. <i>Chemical Science</i> , 2021, 12, 7993-8009.	7.4	17
26	DNA binding and evaluation of anticancer activity <i>in vitro</i> and <i>in vivo</i> of iridium(III) polypyridyl complexes. <i>Journal of Inorganic Biochemistry</i> , 2021, 224, 111580.	3.5	17
27	Increasing anticancer effect <i>in vitro</i> and <i>in vivo</i> of liposome-encapsulated iridium(III) complexes on BEL-7402 cells. <i>Journal of Inorganic Biochemistry</i> , 2021, 225, 111622.	3.5	17
28	Iridium(III) complexes entrapped in liposomes trigger mitochondria-mediated apoptosis and GSDME-mediated pyroptosis. <i>Journal of Inorganic Biochemistry</i> , 2022, 228, 111706.	3.5	17
29	Integrative investigation of Semen <i>Strychni</i> nephrotoxicity and the protective effect of <i>Radix Glycyrrhizae</i> by a UPLC-MS/MS method based cell metabolomics strategy in HEK 293t cell lysates. <i>RSC Advances</i> , 2015, 5, 59591-59602.	3.6	16
30	Abnormal Downregulation of Caveolin-3 Mediates the Pro-Fibrotic Action of MicroRNA-22 in a Model of Myocardial Infarction. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 1641-1653.	1.6	16
31	Dual-Probe Approach for Mass Spectrometric Quantification of MUC1-Specific Terminal Gal/GalNAc <i>in Situ</i> . <i>Analytical Chemistry</i> , 2020, 92, 8340-8349.	6.5	16
32	Cardioprotective Effect of Monoammonium Glycyrrhizinate Injection Against Myocardial Ischemic Injury <i>in vivo</i> and <i>in vitro</i> : Involvement of Inhibiting Oxidative Stress and Regulating Ca <sup>2+</sup> Homeostasis by L-Type Calcium Channels. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 331-346.	4.3	16
33	Safranal, an active constituent of saffron, ameliorates myocardial ischemia via reduction of oxidative stress and regulation of Ca <sup>2+</sup> homeostasis. <i>Journal of Pharmacological Sciences</i> , 2020, 143, 156-164.	2.5	16
34	Determination of 13 Free Fatty Acids in <i>Pheretima</i> Using Ultra-Performance LC-ESI-MS. <i>Chromatographia</i> , 2009, 69, 645-652.	1.3	15
35	Evaluation of the indicative roles of seven potential biomarkers on hepato-nephrotoxicity induced by <i>Genkwa Flos</i> . <i>Journal of Ethnopharmacology</i> , 2014, 158, 317-324.	4.1	13
36	Investigation of potential toxic components based on the identification of <i>Genkwa Flos</i> chemical constituents and their metabolites by high-performance liquid chromatography coupled with a Q Exactive high-resolution benchtop quadrupole Orbitrap mass spectrometer. <i>Journal of Separation Science</i> , 2018, 41, 3328-3338.	2.5	13

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37	GDF11 replenishment protects against hypoxia-mediated apoptosis in cardiomyocytes by regulating autophagy. <i>European Journal of Pharmacology</i> , 2020, 885, 173495.	3.5	11
38	Preparation of oridonin nanocrystals and study of their endocytosis and transcytosis behaviours on MDCK polarized epithelial cells. <i>Pharmaceutical Biology</i> , 2020, 58, 518-527.	2.9	11
39	Nephrotoxicity evaluation of a new cembrane diterpene from <i>Euphorbiae pekinensis</i> Radix with HEK 293T cells and the toxicokinetics study in rats using a sensitive and reliable UFLC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 119, 159-165.	2.8	10
40	Synthesis of $\beta$ -glycosidase hybrid nano-flowers and their application for enriching and screening $\beta$ -glycosidase inhibitors. <i>New Journal of Chemistry</i> , 2018, 42, 429-436.	2.8	10
41	Development of a UPLC-MS/MS method for determination of pimavanserin tartrate in rat plasma: Application to a pharmacokinetic study. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 406-410.	5.3	9
42	The hepatoprotective effect and mechanism of lotus leaf on liver injury induced by Genkwa Flos. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1909-1920.	2.4	9
43	Topical GDF11 accelerates skin wound healing in both type 1 and 2 diabetic mouse models. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 7-14.	2.1	9
44	6-Gingerol exerts a protective effect against hypoxic injury through the p38/Nrf2/HO-1 and p38/NF- $\kappa$ B pathway in H9c2 cells. <i>Journal of Nutritional Biochemistry</i> , 2022, 104, 108975.	4.2	9
45	LC-MS Method for Determination and Pharmacokinetic Study of Chimaphilin in Rat Plasma after Oral Administration of the Traditional Chinese Medicinal Preparation Lu Xian Cao Decoction. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 2523-2527.	1.4	8
46	[8]-Gingerol exerts anti-myocardial ischemic effects in rats via modulation of the MAPK signaling pathway and $\text{Ca}^{2+}$ channels. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00852.	2.4	8
47	Investigation of the mechanisms of Genkwa Flos hepatotoxicity by a cell metabolomics strategy combined with serum pharmacology in HL-7702 liver cells. <i>Xenobiotica</i> , 2019, 49, 216-226.	1.1	7
48	Liposome as drug delivery system enhance anticancer activity of iridium (III) complex. <i>Journal of Liposome Research</i> , 2021, 31, 342-355.	3.3	7
49	Simultaneous determination of eight active components in chloroform extracts from raw and vinegar-processed Genkwa flos using HPLC-MS and identification of the hepatotoxic ingredients with an HL-7702 cell. <i>Analytical Methods</i> , 2014, 6, 7022-7029.	2.7	6
50	Quantitative analysis of biomarkers of liver and kidney injury in serum and urine using ultra-fast liquid chromatography with tandem mass spectrometry coupled with a hydrophilic interaction chromatography column: Application to monitor injury induced by E. <i>Journal of Separation Science</i> , 2016, 39, 3936-3945.	2.5	6
51	Simultaneous Quantification of 13 Compounds in Guanxin Shutong Capsule by HPLC Method. <i>Journal of Chromatographic Science</i> , 2016, 54, 971-976.	1.4	6
52	Determination of larotaxel and its metabolites in rat plasma by liquid chromatography-tandem mass spectrometry: Application for a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 947-948, 132-138.	2.3	5
53	Determination of a novel anticancer $\text{m}^{\text{et}}$ inhibitor LS-177 in rat plasma and tissues with a validated UPLC-MS/MS method: application to pharmacokinetics and tissue distribution study. <i>Biomedical Chromatography</i> , 2015, 29, 1103-1111.	1.7	5
54	Degradation kinetics of larotaxel and identification of its degradation products in alkaline condition. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 118-122.	5.3	5

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55	Salvia miltiorrhiza (SM) Injection Ameliorates Iron Overload-Associated Cardiac Dysfunction by Regulating the Expression of DMT1, TfR1, and FP1 in Rats. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-9.	1.2	5
56	Baicalein Ameliorates Myocardial Ischemia Through Reduction of Oxidative Stress, Inflammation and Apoptosis via TLR4/MyD88/MAPKS/NF- $\kappa$ B Pathway and Regulation of Ca <sup>2+</sup> Homeostasis by L-type Ca <sup>2+</sup> Channels. Frontiers in Pharmacology, 2022, 13, 842723.	3.5	5
57	Estriol dissolving microneedle patches for protection against ionizing radiation-induced injury. European Journal of Pharmaceutical Sciences, 2021, 163, 105881.	4.0	4
58	Synthesis and evaluation of iridium(III) complexes on antineoplastic activity against human gastric carcinoma SGC-7901 cells. Journal of Biological Inorganic Chemistry, 2021, 26, 705-714.	2.6	4
59	Nasal Delivery of Cinnarizine Thermo- and Ion-Sensitive In Situ Hydrogels for Treatment of Microwave-Induced Brain Injury. Gels, 2022, 8, 108.	4.5	4
60	Determination of 6258-70, a new semi-synthetic taxane, in rat plasma and tissues: Application to the pharmacokinetics and tissue distribution study. Journal of Pharmaceutical Analysis, 2016, 6, 219-225.	5.3	3
61	Research on the neuro-protective compounds in Terminalia chebula retz extracts in-vivo by UPLC-QTOF-MS. Acta Chromatographica, 2018, 30, 169-174.	1.3	3
62	Application of armodafinil-loaded microneedle patches against the negative influence induced by sleep deprivation. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 169, 178-188.	4.3	3
63	Metal-organic framework-based biomimetic cascade bioreactor for highly efficient treatment of hyperuricemia with low side effects. New Journal of Chemistry, 2022, 46, 6852-6855.	2.8	2
64	Inhibition of human ether- $\gamma$ -go-go-related gene K <sup>+</sup> currents expressed in HEK293 cells by three gingerol components from ginger. Journal of Pharmacy and Pharmacology, 2022, 74, 1133-1139.	2.4	1
65	The absolute bioavailability investigation of LS177 in rats using ultra-performance liquid chromatography-tandem mass spectrometry. Drug Testing and Analysis, 2015, 7, 756-762.	2.6	0