

# Xuelin Zhou

## List of Publications by Year in descending order

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55  
papers

996  
citations

393982

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1752  
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#	ARTICLE	IF	CITATIONS
1	Danshensu is the major marker for the antioxidant and vasorelaxation effects of Danshen ( <i>Salvia</i> ) Tj ETQq1 1 0.784314 rgBT /Overloc 1263-1269.	2.3	69
2	Tryptanthrin Inhibits Angiogenesis by Targeting the VEGFR2-Mediated ERK1/2 Signalling Pathway. PLoS ONE, 2013, 8, e82294.	1.1	49
3	Herb-drug interactions with Danshen ( <i>Salvia miltiorrhiza</i> ): a review on the role of cytochrome P450 enzymes. Drug Metabolism and Drug Interactions, 2012, 27, 9-18.	0.3	46
4	Paeoniflorin ameliorates cholestasis via regulating hepatic transporters and suppressing inflammation in ANIT-fed rats. Biomedicine and Pharmacotherapy, 2017, 89, 61-68.	2.5	42
5	Structural characterization and immunomodulatory effect of a polysaccharide HCP-2 from <i>Houttuynia cordata</i> . Carbohydrate Polymers, 2014, 103, 244-249.	5.1	40
6	Formononetin promotes angiogenesis through the estrogen receptor alpha-enhanced ROCK pathway. Scientific Reports, 2015, 5, 16815.	1.6	39
7	The protective effects of compatibility of <i>Aconiti Lateralis Radix Praeparata</i> and <i>Zingiberis Rhizoma</i> on rats with heart failure by enhancing mitochondrial biogenesis via Sirt1/PGC-1 $\beta$ pathway. Biomedicine and Pharmacotherapy, 2017, 92, 651-660.	2.5	38
8	Enzyme kinetic and molecular docking studies for the inhibitions of miltirone on major human cytochrome P450 isozymes. Phytomedicine, 2013, 20, 367-374.	2.3	36
9	Danshen ( <i>Salvia miltiorrhiza</i> ) water extract inhibits paracetamol-induced toxicity in primary rat hepatocytes via reducing CYP2E1 activity and oxidative stress. Journal of Pharmacy and Pharmacology, 2015, 67, 980-989.	1.2	36
10	Multiple-Omics Techniques Reveal the Role of Glycerophospholipid Metabolic Pathway in the Response of <i>Saccharomyces cerevisiae</i> Against Hypoxic Stress. Frontiers in Microbiology, 2019, 10, 1398.	1.5	31
11	Inhibition activity of a traditional Chinese herbal formula Huang-Lian-Jie-Du-Tang and its major components found in its plasma profile on neuraminidase-1. Scientific Reports, 2017, 7, 15549.	1.6	30
12	<i>Zingiberis rhizoma</i> mediated enhancement of the pharmacological effect of <i>aconiti lateralis radix praeparata</i> against acute heart failure and the underlying biological mechanisms. Biomedicine and Pharmacotherapy, 2017, 96, 246-255.	2.5	29
13	Inhibition of vascular endothelial growth factor-induced angiogenesis by chlorogenic acid via targeting the vascular endothelial growth factor receptor 2-mediated signaling pathway. Journal of Functional Foods, 2017, 32, 285-295.	1.6	26
14	Fuzheng Huayu capsule as an adjuvant treatment for HBV-related cirrhosis: A systematic review and meta-analysis. Phytotherapy Research, 2018, 32, 757-768.	2.8	23
15	A pharmacodynamic-pharmacokinetic (PD-PK) study on the effects of Danshen ( <i>Salvia miltiorrhiza</i> ) on midazolam, a model CYP3A probe substrate, in the rat. Phytomedicine, 2010, 17, 876-883.	2.3	22
16	Protective effects of higenamine combined with [6]-gingerol against doxorubicin-induced mitochondrial dysfunction and toxicity in H9c2 cells and potential mechanisms. Biomedicine and Pharmacotherapy, 2019, 115, 108881.	2.5	22
17	Pro-angiogenic effects of <i>Carthami Flos</i> whole extract in human microvascular endothelial cells in vitro and in zebrafish in vivo. Phytomedicine, 2014, 21, 1256-1263.	2.3	21
18	Miltirone Is a Dual Inhibitor of P-Glycoprotein and Cell Growth in Doxorubicin-Resistant HepG2 Cells. Journal of Natural Products, 2015, 78, 2266-2275.	1.5	21

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19	Effects of tanshinones from <i>Salvia miltiorrhiza</i> on CYP2C19 activity in human liver microsomes: Enzyme kinetic and molecular docking studies. <i>Chemico-Biological Interactions</i> , 2015, 230, 1-8.	1.7	20
20	In vivo and in vitro anti-inflammatory effects of Zao-Jiao-Ci (the spine of <i>Gleditsia sinensis</i> Lam.) aqueous extract and its mechanisms of action. <i>Journal of Ethnopharmacology</i> , 2016, 192, 192-200.	2.0	20
21	Clinical Efficacy and Safety of Xinmailong Injection for the Treatment of Chronic Heart Failure: A Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2018, 9, 810.	1.6	20
22	Tanshinone I increases CYP1A2 protein expression and enzyme activity in primary rat hepatocytes. <i>Phytomedicine</i> , 2012, 19, 169-176.	2.3	19
23	Antimicrobial Effects of Chemical Compounds Isolated from Traditional Chinese Herbal Medicine (TCHM) Against Drug-Resistant Bacteria: A Review Paper. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 19, 125-137.	1.1	19
24	Metabolite profiling analysis of FR429, an ellagitannin purified from <i>Polygonum capitatum</i> , in rat and human liver microsomes, cytosol and rat primary hepatocytes in vitro. <i>Chemico-Biological Interactions</i> , 2014, 220, 33-40.	1.7	16
25	Preparative separation of gallocatechin gallate from <i>Camellia ptilophylla</i> using macroporous resins followed by sephadex LH-20 column chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1011, 6-13.	1.2	16
26	The Modulatory Properties of Li-Ru-Kang Treatment on Hyperplasia of Mammary Glands Using an Integrated Approach. <i>Frontiers in Pharmacology</i> , 2018, 9, 651.	1.6	16
27	Network pharmacology exploration reveals the bioactive compounds and molecular mechanisms of Li-Ru-Kang against hyperplasia of mammary gland. <i>Molecular Genetics and Genomics</i> , 2019, 294, 1159-1171.	1.0	16
28	Enzyme kinetic and molecular docking studies on the metabolic interactions of 1-hydroxy-2,3,5-trimethoxy-xanthone, isolated from <i>Halenia elliptica</i> D. Don, with model probe substrates of human cytochrome P450 enzymes. <i>Phytomedicine</i> , 2012, 19, 1125-1133.	2.3	15
29	Herb-drug interaction between an anti-HIV Chinese herbal SH formula and atazanavir in vitro and in vivo. <i>Journal of Ethnopharmacology</i> , 2015, 162, 369-376.	2.0	15
30	Characteristics of stem cells derived from rat fascia: In vitro proliferative and multilineage potential assessment. <i>Molecular Medicine Reports</i> , 2015, 11, 1982-1990.	1.1	13
31	Basal Flt1 tyrosine kinase activity is a positive regulator of endothelial survival and vascularization during zebrafish embryogenesis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 373-384.	1.1	12
32	Chemical and pharmacological evaluations on the extract of <i>Scutellaria baicalensis</i> Georgi (Huang-Qin) prepared by various extraction methods. <i>SpringerPlus</i> , 2016, 5, 1438.	1.2	12
33	Therapeutic Effects of a Traditional Chinese Medicine Formula Plus Tamoxifen vs. Tamoxifen for the Treatment of Mammary Gland Hyperplasia: A Meta-Analysis of Randomized Trials. <i>Frontiers in Pharmacology</i> , 2018, 9, 45.	1.6	12
34	In Vivo Metabolite Profiling of a Purified Ellagitannin Isolated from <i>Polygonum capitatum</i> in Rats. <i>Molecules</i> , 2016, 21, 1110.	1.7	11
35	Hepatoprotective Effect of San-Cao Granule on Con A-Induced Liver Injury in Mice and Mechanisms of Action Exploration. <i>Frontiers in Pharmacology</i> , 2018, 9, 624.	1.6	11
36	Potential therapeutic effect of Qingwen Baidu Decoction against Corona Virus Disease 2019: a mini review. <i>Chinese Medicine</i> , 2020, 15, 48.	1.6	11

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37	Molecular docking and enzyme kinetic studies of dihydrotanshinone on metabolism of a model CYP2D6 probe substrate in human liver microsomes. <i>Phytomedicine</i> , 2012, 19, 648-657.	2.3	10
38	In vitro identification of cytochrome P450 isoforms responsible for the metabolism of 1-hydroxyl-2,3,5-trimethoxy-xanthone purified from <i>Halenia elliptica</i> D. Don. <i>Chemico-Biological Interactions</i> , 2014, 210, 12-19.	1.7	9
39	Anti-Inflammatory Effect of a TCM Formula Li-Ru-Kang in Rats With Hyperplasia of Mammary Gland and the Underlying Biological Mechanisms. <i>Frontiers in Pharmacology</i> , 2018, 9, 1318.	1.6	9
40	Whole extracts of <i>Radix Achyranthis Bidentatae</i> and <i>Radix Cyathulae</i> promote angiogenesis in human umbilical vein endothelial cells in vitro and in zebrafish in vivo. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 1032-1038.	0.8	8
41	Synergistic effects of <i>Ginseng C. A. Mey</i> and <i>Astragalus membranaceus</i> (Fisch.) Bunge on activating mice splenic lymphocytes detected by microcalorimetry and the underlying mechanisms predicted by in silico network analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 132, 1933-1942.	2.0	8
42	Sub-Acute Oral Toxicity of a Novel Derivative of Agomelatine in Rats in a Sex-Dependent Manner. <i>Frontiers in Pharmacology</i> , 2019, 10, 242.	1.6	8
43	Anti-Hypoxic Molecular Mechanisms of <i>Rhodiola crenulata</i> Extract in Zebrafish as Revealed by Metabonomics. <i>Frontiers in Pharmacology</i> , 2019, 10, 1356.	1.6	8
44	Preclinical evaluations on the efficacy of a topical Chinese herbal formula for swelling control and pain relief. <i>Journal of Ethnopharmacology</i> , 2015, 162, 346-351.	2.0	7
45	Herb-drug interaction of <i>gastrodiae rhizoma</i> on carbamazepine: A pharmacokinetic study in rats. <i>Epilepsy Research</i> , 2020, 165, 106376.	0.8	7
46	Effects of <i>Gegen</i> ( <i>Puerariae lobatae Radix</i> ) water extract on improving detrusor overactivity in spontaneously hypertensive rats. <i>Phytomedicine</i> , 2016, 23, 672-678.	2.3	5
47	<i>Sichuan pepper</i> attenuates H <sub>2</sub> O <sub>2</sub> -induced apoptosis via antioxidant activity and up-regulating heme oxygenase-1 gene expression in primary rat hepatocytes. <i>Journal of Food Biochemistry</i> , 2017, 41, e12403.	1.2	4
48	Subacute oral toxicity of cocoa tea ( <i>Camellia ptilophylla</i> ) water extract in SD rats. <i>International Journal of Food Science and Technology</i> , 2015, 50, 2391-2401.	1.3	3
49	Development of long-circulating lapachol nanoparticles: formation, characterization, pharmacokinetics, distribution and cytotoxicity. <i>RSC Advances</i> , 2020, 10, 30025-30034.	1.7	3
50	A UPLC-MS/MS method reveals the pharmacokinetics and metabolism characteristics of kaempferol in rats under hypoxia. <i>Drug Metabolism and Pharmacokinetics</i> , 2022, 43, 100440.	1.1	3
51	Preparation and Characterization of Monoclonal Antibodies Against a Polysaccharide from <i>Flammulina velutipes</i> Mycelium. <i>Hybridoma</i> , 2008, 27, 439-444.	0.5	2
52	Production of Monoclonal Antibodies for Detecting Marine Fungal Polysaccharide Isolated from the <i>Phoma herbarum</i> YS4108. <i>Immunological Investigations</i> , 2008, 37, 770-781.	1.0	2
53	Simultaneous Determination of Schisandrin and Promethazine with Its Metabolite in Rat Plasma by HPLC-MS/MS and Its Application to a Pharmacokinetic Study. <i>International Journal of Analytical Chemistry</i> , 2019, 2019, 1-13.	0.4	2
54	Microcalorimetric study on the activation effects of <i>Salviae miltiorrhizae</i> combined with <i>Radix puerariae</i> on mice splenic lymphocytes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 137, 841-848.	2.0	2

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55	Phencynonate S-isomer as a eutomer is a novel central anticholinergic drug for anti-motion sickness. Scientific Reports, 2019, 9, 2000.	1.6	0