

Zi-Peng Gong

List of Publications by Year in descending order

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papers

627
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567281

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48
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48
times ranked

917
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#	ARTICLE	IF	CITATIONS
1	Synthesis, biological evaluation, and molecular modelling of new naphthalene-chalcone derivatives as potential anticancer agents on MCF-7 breast cancer cells by targeting tubulin colchicine binding site. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 139-144.	5.2	59
2	Design, synthesis, biological evaluation and molecular docking studies of new chalcone derivatives containing diaryl ether moiety as potential anticancer agents and tubulin polymerization inhibitors. <i>Bioorganic Chemistry</i> , 2020, 95, 103565.	4.1	50
3	Synthesis, In Vitro α -Glucosidase Inhibitory Activity and Molecular Docking Studies of Novel Benzothiazole-Triazole Derivatives. <i>Molecules</i> , 2017, 22, 1555.	3.8	42
4	Synthesis, biological evaluation and molecular docking studies of aminochalcone derivatives as potential anticancer agents by targeting tubulin colchicine binding site. <i>Bioorganic Chemistry</i> , 2018, 78, 332-340.	4.1	41
5	Synthesis, biological evaluation, and docking studies of novel 5,6-diaryl-1,2,4-triazine thiazole derivatives as a new class of α -glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2018, 78, 195-200.	4.1	38
6	Design, synthesis, molecular modeling, and biological evaluation of pyrazole-naphthalene derivatives as potential anticancer agents on MCF-7 breast cancer cells by inhibiting tubulin polymerization. <i>Bioorganic Chemistry</i> , 2020, 103, 104141.	4.1	35
7	Wuji Wan Formula Ameliorates Diarrhea and Disordered Colonic Motility in Post-inflammation Irritable Bowel Syndrome Rats by Modulating the Gut Microbiota. <i>Frontiers in Microbiology</i> , 2017, 8, 2307.	3.5	31
8	A UPLC-MS/MS method for simultaneous determination of danshensu, protocatechuic aldehyde, rosmarinic acid, and ligustrazine in rat plasma, and its application to pharmacokinetic studies of Shenxiong glucose injection in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 997, 210-217.	2.3	25
9	Pharmacokinetic Comparison of Berberine in Rat Plasma after Oral Administration of Berberine Hydrochloride in Normal and Post Inflammation Irritable Bowel Syndrome Rats. <i>International Journal of Molecular Sciences</i> , 2014, 15, 456-467.	4.1	23
10	A UPLC-MS/MS Method for Simultaneous Determination of Free and Total Forms of a Phenolic Acid and Two Flavonoids in Rat Plasma and Its Application to Comparative Pharmacokinetic Studies of Polygonum capitatum Extract in Rats. <i>Molecules</i> , 2017, 22, 353.	3.8	23
11	Design, synthesis, and anticancer evaluation of benzophenone derivatives bearing naphthalene moiety as novel tubulin polymerization inhibitors. <i>Bioorganic Chemistry</i> , 2020, 104, 104265.	4.1	21
12	Comparative Pharmacokinetics of Gallic Acid, Protocatechuic Acid, and Quercitrin in Normal and Pyelonephritis Rats after Oral Administration of a Polygonum capitatum Extract. <i>Molecules</i> , 2019, 24, 3873.	3.8	20
13	Pharmacokinetic and Pharmacodynamic Properties of Rosmarinic Acid in Rat Cholestatic Liver Injury. <i>Molecules</i> , 2018, 23, 2287.	3.8	17
14	Using the UPLC-ESI-TOF-MS method and intestinal bacteria for metabolite identification in the nonpolysaccharide fraction from <i>Bletilla striata</i> . <i>Biomedical Chromatography</i> , 2019, 33, e4637.	1.7	16
15	Influence of Shenxiong Glucose Injection on the Activities of Six CYP Isozymes and Metabolism of Warfarin in Rats Assessed Using Probe Cocktail and Pharmacokinetic Approaches. <i>Molecules</i> , 2017, 22, 1994.	3.8	15
16	Improving the ameliorative effects of berberine and curcumin combination via dextran-coated bilosomes on non-alcohol fatty liver disease in mice. <i>Journal of Nanobiotechnology</i> , 2021, 19, 230.	9.1	15
17	Pharmacokinetic Comparison of Scutellarin and Paeoniflorin in Sham-Operated and Middle Cerebral Artery Occlusion Ischemia and Reperfusion Injury Rats after Intravenous Administration of Xin-Shao Formula. <i>Molecules</i> , 2016, 21, 1191.	3.8	14
18	Comparative pharmacokinetics of active alkaloids after oral administration of Rhizoma Coptidis extract and Wuji Wan formulas in rat using a UPLC-MS/MS method. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2015, 40, 67-74.	1.6	13

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19	Synthesis, Biological Evaluation and Molecular Docking Study of 2-Substituted-4,6-Diarylpyrimidines as α -Glucosidase Inhibitors. <i>Molecules</i> , 2017, 22, 1865.	3.8	12
20	Screening and analysis of potentially active components in Shenxiang glucose injection using UHPLC coupled with photodiode array detection and MS/MS. <i>Journal of Separation Science</i> , 2018, 41, 2130-2138.	2.5	12
21	Pharmacokinetics of Two Alkaloids after Oral Administration of <i>Rhizoma Coptidis</i> Extract in Normal Rats and Irritable Bowel Syndrome Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-8.	1.2	11
22	A UPLC-ESI-MS/MS Method for Simultaneous Quantitation of Chlorogenic Acid, Scutellarin, and Scutellarein in Rat Plasma: Application to a Comparative Pharmacokinetic Study in Sham-Operated and MCAO Rats after Oral Administration of <i>Erigeron breviscapus</i> Extract. <i>Molecules</i> , 2018, 23, 1808.	3.8	10
23	Pharmacokinetic difference of berberine between normal and chronic visceral hypersensitivity irritable bowel syndrome rats and its mechanism. <i>Archives of Pharmacal Research</i> , 2015, 38, 1888-1896.	6.3	9
24	Notoginsenoside R1 Reverses Abnormal Autophagy in Hippocampal Neurons of Mice With Sleep Deprivation Through Melatonin Receptor 1A. <i>Frontiers in Pharmacology</i> , 2021, 12, 719313.	3.5	9
25	A UPLC-MS Method for Simultaneous Determination of Geniposidic Acid, Two Lignans and Phenolics in Rat Plasma and its Application to Pharmacokinetic Studies of <i>Eucommia ulmoides</i> Extract in Rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2016, 41, 595-603.	1.6	8
26	Chemical profiling and quantification of multiple components in Jinâ€™Guâ€™Lian capsule using a multivariate data processing approach based on UHPLCâ€™Orbitrap Exploris 240 MS and UHPLCâ€™MS/MS. <i>Journal of Separation Science</i> , 2022, 45, 1282-1291.	2.5	7
27	Herb-Drug Interaction: Effects of Relinqingâ€™ Granule on the Pharmacokinetics of Ciprofloxacin, Sulfamethoxazole, and Trimethoprim in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-6.	1.2	6
28	Comparative pharmacokinetics of quercitrin, astragaloside, afzelin and taxifolin in plasma after oral administration of <i>Polygonum orientale</i> inflorescence in sham-operated and myocardial ischemiaâ€™reperfusion injury rats. <i>Xenobiotica</i> , 2020, 50, 822-830.	1.1	6
29	A Validated HPLC-MS/MS Method for Simultaneous Determination of Militarine and Its Three Metabolites in Rat Plasma: Application to a Pharmacokinetic Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-9.	1.2	5
30	Tissue Distribution Comparison of Six Active Ingredients from an <i>Eucommia</i> Cortex Extract between Normal and Spontaneously Hypertensive Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-16.	1.2	5
31	Differential changes in the pharmacokinetics of doxorubicin in diethylnitrosamine-induced hepatocarcinoma model rats. <i>Xenobiotica</i> , 2020, 50, 1251-1257.	1.1	4
32	Pharmacokinetic Difference of Six Active Constituents of Huangqi Liuyi Decoction between Control and Diabetic Nephropathy Mouse Models. <i>International Journal of Analytical Chemistry</i> , 2022, 2022, 1-13.	1.0	4
33	Simultaneous Determination of Three Bioactive Constituents from <i>Bletilla striata</i> by UPLC-MS/MS and Application of the Technique to Pharmacokinetic Analyses. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-10.	1.2	3
34	Comparative absorption kinetics of seven active ingredients of <i>Eucommia ulmoides</i> extracts by intestinal in situ circulatory perfusion in normal and spontaneous hypertensive rats. <i>Biomedical Chromatography</i> , 2020, 34, e4714.	1.7	3
35	Herb-drug interaction: The effect of <i>Polygonum capitatum</i> extract on pharmacokinetics of levofloxacin in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 195, 113832.	2.8	3
36	Herb-Drug Interaction: Application of a UPLC-MS/MS Method to Determine the Effect of <i>Polygonum capitatum</i> Extract on the Tissue Distribution and Excretion of Levofloxacin in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-9.	1.2	2

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37	Pharmacokinetics Study of Jin-Gu-Lian Prescription and Its Core Drug Pair (Sargentodoxa cuneata) Tj ETQq1 1 0.784314 rgBT ₁ /Overlo	3.8	1
38	Simultaneous Determination of Five Components of Laportea bulbifera Extract in Rat Plasma by LC-MS/MS: Application to a Pharmacokinetic Study. Revista Brasileira De Farmacognosia, 2020, 30, 61-68.	1.4	0