Xing-Bin Yin

List of Publications by Year
in descending order

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64 papers	2,498 citations	236925 25 h-index	206112 48 g-index
65 all docs	65 docs citations	65 times ranked	3055 citing authors

#	Article	IF	Citations
1	UPLCâ€“MS/MS method for the determination of the herb composition of Tangshen formula and the in vivo pharmacokinetics of its metabolites in rat plasma. Phytochemical Analysis, 2022, 33, 402-426.	2.4	6
2	Phototherapeutic effect of transformable peptides containing pheophorbide a on colorectal cancer. Drug Delivery, 2022, 29, 1608-1619.	5.7	2
3	Design of an L-Valine-Modified Nanomicelle-Based Drug Delivery System for Overcoming Ocular Surface Barriers. Pharmaceutics, 2022, 14, 1277.	4.5	5
4	Preparation, Characterization, and In Vitro Release of Curcumin-Loaded IRMOF-10 Nanoparticles and Investigation of Their Pro-Apoptotic Effects on Human Hepatoma HepG2 Cells. Molecules, 2022, 27, 3940.	3.8	6
5	Topical Delivery of Levocarnitine to the Cornea and Anterior Eye by Thermosensitive in-situ Gel for Dry Eye Disease. Drug Design, Development and Therapy, 2021, Volume 15, 2357-2373.	4.3	11
6	Hypericin-mediated photodynamic therapy for the treatment of cancer: a review. Journal of Pharmacy and Pharmacology, 2021, 73, 425-436.	2.4	39
7	Catalpol Protects ARPE-19 Cells against Oxidative Stress via Activation of the Keap1/Nrf2/ARE Pathway. Cells, 2021, 10, 2635.	4.1	23
8	Construction of a Multifunctional Nano-Scale Metal-Organic Framework-Based Drug Delivery System for Targeted Cancer Therapy. Pharmaceutics, 2021, 13, 1945.	4.5	5
9	Ginsenoside Rb1 Attenuates Triptolide-Induced Cytotoxicity in HL-7702 Cells via the Activation of Keap1/Nrf2/ARE Pathway. Frontiers in Pharmacology, 2021, 12, 723784.	3.5	12
10	Aloeâ€emodin: A review of its pharmacology, toxicity, and pharmacokinetics. Phytotherapy Research, 2020, 34, 270-281.	5.8	268
11	A Novel Gel-Forming Solution Based on PEG-DSPE/Solutol HS 15 Mixed Micelles and Gellan Gum for Ophthalmic Delivery of Curcumin. Molecules, 2020, 25, 81.	3.8	34
12	Inhibitory effects of Paris saponin I, II, â…¥ and â…¦ on HUVEC cells through regulation of VEGFR2, PI3K/AKT/mTOR, Src/eNOS, PLCÎ³/ERK/MERK, and JAK2-STAT3 pathways. Biomedicine and Pharmacotherapy, 2020, 131, 110750.	5.6	25
13	Phillyrin Mitigates Apoptosis and Oxidative Stress in Hydrogen Peroxide-Treated RPE Cells through Activation of the Nrf2 Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-16.	4.0	26
14	A Systematic Review of the Pharmacology, Toxicology and Pharmacokinetics of Matrine. Frontiers in Pharmacology, 2020, 11, 01067.	3.5	53
15	Functionalization of MOF-5 with mono-substituents: effects on drug delivery behavior. RSC Advances, 2020, 10, 36862-36872.	3.6	36
16	Itraconazole exerts anti-liver cancer potential through the Wnt, PI3K/AKT/mTOR, and ROS pathways. Biomedicine and Pharmacotherapy, 2020, 131, 110661.	5.6	56
17	Amino-functionalized Zn metal organic frameworks as antitumor drug curcumin carriers. New Journal of Chemistry, 2020, 44, 17693-17704.	2.8	19
18	Tangshen formula modulates gut Microbiota and reduces gut-derived toxins in diabetic nephropathy rats. Biomedicine and Pharmacotherapy, 2020, 129, 110325.	5.6	34

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19	Metal Organic Frameworks as Drug Targeting Delivery Vehicles in the Treatment of Cancer. Pharmaceutics, 2020, 12, 232.	4.5	83
20	Underlying mechanisms of apoptosis in HepG2 cells induced by polyphyllin I through Fas death and mitochondrial pathways. Toxicology Mechanisms and Methods, 2020, 30, 397-406.	2.7	17
21	Study on the potential effective ingredients of Xiaosheng prescription for dry eye disease. Biomedicine and Pharmacotherapy, 2020, 127, 110051.	5.6	4
22	Hepatocellular Toxicity of Paris Saponins I, II, VI and VII on Two Kinds of Hepatocytes-HL-7702 and HepaRG Cells, and the Underlying Mechanisms. Cells, 2019, 8, 690.	4.1	19
23	Matrine Exerts Hepatotoxic Effects via the ROS-Dependent Mitochondrial Apoptosis Pathway and Inhibition of Nrf2-Mediated Antioxidant Response. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	4.0	42
24	Investigation of Metal-Organic Framework-5 (MOF-5) as an Antitumor Drug Oridonin Sustained Release Carrier. Molecules, 2019, 24, 3369.	3.8	62
25	In Vitro Toxicity Study of a Porous Iron(III) Metalâ€'Organic Framework. Molecules, 2019, 24, 1211.	3.8	60
26	Polygonum multiflorum-Induced Liver Injury: Clinical Characteristics, Risk Factors, Material Basis, Action Mechanism and Current Challenges. Frontiers in Pharmacology, 2019, 10, 1467.	3.5	29
27	Apoptosis in HepaRG and HL-7702 cells inducted by polyphyllin II through caspases activation and cell-cycle arrest. Journal of Cellular Physiology, 2019, 234, 7078-7089.	4.1	15
28	Zirconium-Porphyrin PCN-222: pH-responsive Controlled Anticancer Drug Oridonin. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-12.	1.2	11
29	Absorption Characteristics of Combination Medication of Realgar and Indigo Naturalis: In Vitro Transport across MDCK-MDR1 Cells and In Vivo Pharmacokinetics in Mice after Oral Administration. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-10.	1.2	4
30	Biocompatible Fe-Based Micropore Metal-Organic Frameworks as Sustained-Release Anticancer Drug Carriers. Molecules, 2018, 23, 2490.	3.8	53
31	Heterophyllin B Ameliorates Lipopolysaccharide-Induced Inflammation and Oxidative Stress in RAW 264.7 Macrophages by Suppressing the PI3K/Akt Pathways. Molecules, 2018, 23, 717.	3.8	30
32	Rhein Induces Cell Death in HepaRG Cells through Cell Cycle Arrest and Apoptotic Pathway. International Journal of Molecular Sciences, 2018, 19, 1060.	4.1	23
33	Molecular Mechanisms of Apoptosis in HepaRG Cell Line Induced by Polyphyllin VI via the Fas Death Pathway and Mitochondrial-Dependent Pathway. Toxins, 2018, 10, 201.	3.4	20
34	Triptolide Induces Apoptosis Through Fas Death and Mitochondrial Pathways in HepaRG Cell Line. Frontiers in Pharmacology, 2018, 9, 813.	3.5	44
35	Emodin induces apoptosis in human hepatocellular carcinoma HepaRG cells via the mitochondrial caspaseâ€'dependent pathway. Oncology Reports, 2018, 40, 1985-1993.	2.6	35
36	Preformulation study and initial determination of biological Properties of isopropylidene shikimic acid. Pakistan Journal of Pharmaceutical Sciences, 2018, 31, 2329-2332.	0.2	0

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37	Aloe-emodin Induces Apoptosis in Human Liver HL-7702 Cells through Fas Death Pathway and the Mitochondrial Pathway by Generating Reactive Oxygen Species. Phytotherapy Research, 2017, 31, 927-936.	5.8	31
38	Induction of Apoptosis in HepaRG Cell Line by Aloe-Emodin through Generation of Reactive Oxygen Species and the Mitochondrial Pathway. Cellular Physiology and Biochemistry, 2017, 42, 685-696.	1.6	59
39	Application of iTRAQ-Based Quantitative Proteomics Approach to Identify Deregulated Proteins Associated with Liver Toxicity Induced by Polygonum Multiflorum in Rats. Cellular Physiology and Biochemistry, 2017, 43, 2102-2116.	1.6	17
40	Determination of the phytochemical composition of Jingning fang and the in vivo pharmacokinetics of its metabolites in rat plasma by UPLCâ€“MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1067, 71-88.	2.3	7
41	Cassiae semen: A review of its phytochemistry and pharmacology. Molecular Medicine Reports, 2017, 16, 2331-2346.	2.4	54
42	Preparation and physicochemical characterization of T-OA PLGA microspheres. Chinese Journal of Natural Medicines, 2017, 15, 912-916.	1.3	7
43	A New Perspective on Liver Injury by Traditional Chinese Herbs Such As Polygonum multiflorum: The Geographical Area of Harvest As an Important Contributory Factor. Frontiers in Pharmacology, 2017, 8, 349.	3.5	21
44	Simultaneous Determination and Pharmacokinetic Study of Quercetin, Luteolin, and Apigenin in Rat Plasma after Oral Administration of Matricaria chamomilla L. Extract by HPLC-UV. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-7.	1.2	15
45	Radix Bupleuri: A Review of Traditional Uses, Botany, Phytochemistry, Pharmacology, and Toxicology. BioMed Research International, 2017, 2017, 1-22.	1.9	106
46	Assessment of absorption of four lignan constituents of JingNing particles in rat gut using in situ single-pass intestinal perfusion. Tropical Journal of Pharmaceutical Research, 2017, 16, 837.	0.3	0
47	Emodin: A Review of its Pharmacology, Toxicity and Pharmacokinetics. Phytotherapy Research, 2016, 30, 1207-1218.	5.8	466
48	Simultaneous Analysis of Quercetin and Naringenin in Rat Plasma by Liquid Chromatographyâ€“Tandem Mass Spectrometry: Application to a Pharmacokinetic Study After Oral Administration. Journal of Chromatographic Science, 2016, 54, 1359-1364.	1.4	11
49	Preparation and physicochemical characterization of a solid dispersion of (3, 5,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (6 polyvinylpyrrolidone. Chinese Journal of Natural Medicines, 2015, 13, 861-866.	1.3	1
50	Characterization of the constituents in rat plasma after oral administration of radix polygoni multiflori extracts by ultraâ€performance liquid chromatography/quadrupole timeâ€ofâ€flight mass spectrometry. Biomedical Chromatography, 2015, 29, 1541-1547.	1.7	14
51	Simultaneous Determination of Typhaneoside and Isorhamnetin-3-O-Neohesperidoside in Rats After Oral Administration of Pollen Typhae Extract by UPLC-MS/MS. Journal of Chromatographic Science, 2015, 53, 866-871.	1.4	14
52	Types, principle, and characteristics of tandem high-resolution mass spectrometry and its applications. RSC Advances, 2015, 5, 107623-107636.	3.6	28
53	A novel method to analyze hepatotoxic components in Polygonum multiflorum using ultra-performance liquid chromatography-quadrupole time-of-flight mass spectrometry. Journal of Hazardous Materials, 2015, 299, 249-259.	12.4	77
54	Kinetics and mechanism of 3,6â€²-disin apoylsucrose, tenuifoliside A, tenuifoliside B and tenuifoliside C degradation in aqueous solutions. Analytical Methods, 2015, 7, 8882-8888.	2.7	2

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55	Pharmacokinetics and brain distribution studies of ginsenoside Rd in rats via intranasal administration by LC-MS/MS. Analytical Methods, 2015, 7, 8809-8816.	2.7	2
56	Traditional usages, botany, phytochemistry, pharmacology and toxicology of Polygonum multiflorum Thunb.: A review. Journal of Ethnopharmacology, 2015, 159, 158-183.	4.1	283
57	Simultaneous analysis of polygala acid, senegenin and 3,6â€²â€disinapoylsucrose in rat plasma by liquid chromatographyâ€“tandem mass spectrometry: application to a pharmacokinetic study after oral administration. Biomedical Chromatography, 2014, 28, 594-600.	1.7	11
58	Simultaneous determination and pharmacokinetic study of polygalaxanthone III, tenuifolin, tenuifoliside A and tenuifoliside C in rat plasma by LC-MS/MS after oral administration. Analytical Methods, 2014, 6, 6424.	2.7	4
59	Analysis and pharmacokinetic study of polyphyllin H in beagle dog plasma after oral administration of Rhizoma Paridis extracts by LC-MS/MS. Biomedical Chromatography, 2014, 28, 1869-1873.	1.7	3
60	Simultaneous LC-MS/MS quantification and pharmacokinetics of baicalin, chlorogenic acid and forsythin after intravenous administration of Shuang-huang-lian powder to dogs. Analytical Methods, 2013, 5, 2784.	2.7	7
61	Altered plasma and brain disposition of isopropylidene shikimic acid liposome in rats and the brain protection in cerebral ischemiaâ€“reperfusion. Drug Development and Industrial Pharmacy, 2013, 39, 1291-1295.	2.0	10
62	Development and validation of a highly sensitive LCâ€ESIâ€MS/MS method for the determination of hyperoside in beagle dog plasma: application to a pharmacokinetic study. Biomedical Chromatography, 2013, 27, 807-811.	1.7	11
63	Simultaneous determination and pharmacokinetic study of polyphyllin I, polyphyllin II, polyphyllin VI and polyphyllin VII in beagle dog plasma after oral administration of Rhizoma Paridis extracts by LC-MS-MS. Biomedical Chromatography, 2012, 27, n/a-n/a.	1.7	23
64	IRMOFâ€8â€encapsulated curcumin as a biocompatible, sustainedâ€release nanoâ€preparation. Applied Organometallic Chemistry, 0, , .	3.5	3