

# 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	Emodin: A Review of its Pharmacology, Toxicity and Pharmacokinetics. <i>Phytotherapy Research</i> , 2016, 30, 1207-1218.	5.8	466
2	Traditional usages, botany, phytochemistry, pharmacology and toxicology of <i>Polygonum multiflorum</i> Thunb.: A review. <i>Journal of Ethnopharmacology</i> , 2015, 159, 158-183.	4.1	283
3	Aloe-Emodin: A review of its pharmacology, toxicity, and pharmacokinetics. <i>Phytotherapy Research</i> , 2020, 34, 270-281.	5.8	268
4	<i>Radix Bupleuri</i> : A Review of Traditional Uses, Botany, Phytochemistry, Pharmacology, and Toxicology. <i>BioMed Research International</i> , 2017, 2017, 1-22.	1.9	106
5	Metal Organic Frameworks as Drug Targeting Delivery Vehicles in the Treatment of Cancer. <i>Pharmaceutics</i> , 2020, 12, 232.	4.5	83
6	A novel method to analyze hepatotoxic components in <i>Polygonum multiflorum</i> using ultra-performance liquid chromatography-quadrupole time-of-flight mass spectrometry. <i>Journal of Hazardous Materials</i> , 2015, 299, 249-259.	12.4	77
7	Investigation of Metal-Organic Framework-5 (MOF-5) as an Antitumor Drug Oridonin Sustained Release Carrier. <i>Molecules</i> , 2019, 24, 3369.	3.8	62
8	In Vitro Toxicity Study of a Porous Iron(III) Metal-Organic Framework. <i>Molecules</i> , 2019, 24, 1211.	3.8	60
9	Induction of Apoptosis in HepaRG Cell Line by Aloe-Emodin through Generation of Reactive Oxygen Species and the Mitochondrial Pathway. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 685-696.	1.6	59
10	Itraconazole exerts anti-liver cancer potential through the Wnt, PI3K/AKT/mTOR, and ROS pathways. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110661.	5.6	56
11	Cassiae semen: A review of its phytochemistry and pharmacology. <i>Molecular Medicine Reports</i> , 2017, 16, 2331-2346.	2.4	54
12	Biocompatible Fe-Based Micropore Metal-Organic Frameworks as Sustained-Release Anticancer Drug Carriers. <i>Molecules</i> , 2018, 23, 2490.	3.8	53
13	A Systematic Review of the Pharmacology, Toxicology and Pharmacokinetics of Matrine. <i>Frontiers in Pharmacology</i> , 2020, 11, 01067.	3.5	53
14	Triptolide Induces Apoptosis Through Fas Death and Mitochondrial Pathways in HepaRG Cell Line. <i>Frontiers in Pharmacology</i> , 2018, 9, 813.	3.5	44
15	Matrine Exerts Hepatotoxic Effects via the ROS-Dependent Mitochondrial Apoptosis Pathway and Inhibition of Nrf2-Mediated Antioxidant Response. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	4.0	42
16	Hypericin-mediated photodynamic therapy for the treatment of cancer: a review. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 425-436.	2.4	39
17	Functionalization of MOF-5 with mono-substituents: effects on drug delivery behavior. <i>RSC Advances</i> , 2020, 10, 36862-36872.	3.6	36
18	Emodin induces apoptosis in human hepatocellular carcinoma HepaRG cells via the mitochondrial caspase-dependent pathway. <i>Oncology Reports</i> , 2018, 40, 1985-1993.	2.6	35

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19	A Novel Gel-Forming Solution Based on PEG-DSPE/Solutol HS 15 Mixed Micelles and Gellan Gum for Ophthalmic Delivery of Curcumin. <i>Molecules</i> , 2020, 25, 81.	3.8	34
20	Tangshen formula modulates gut Microbiota and reduces gut-derived toxins in diabetic nephropathy rats. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110325.	5.6	34
21	Aloe-emodin Induces Apoptosis in Human Liver HL-7702 Cells through Fas Death Pathway and the Mitochondrial Pathway by Generating Reactive Oxygen Species. <i>Phytotherapy Research</i> , 2017, 31, 927-936.	5.8	31
22	Heterophyllin B Ameliorates Lipopolysaccharide-Induced Inflammation and Oxidative Stress in RAW 264.7 Macrophages by Suppressing the PI3K/Akt Pathways. <i>Molecules</i> , 2018, 23, 717.	3.8	30
23	<i>Polygonum multiflorum</i> -Induced Liver Injury: Clinical Characteristics, Risk Factors, Material Basis, Action Mechanism and Current Challenges. <i>Frontiers in Pharmacology</i> , 2019, 10, 1467.	3.5	29
24	Types, principle, and characteristics of tandem high-resolution mass spectrometry and its applications. <i>RSC Advances</i> , 2015, 5, 107623-107636.	3.6	28
25	Phillyrin Mitigates Apoptosis and Oxidative Stress in Hydrogen Peroxide-Treated RPE Cells through Activation of the Nrf2 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-16.	4.0	26
26	Inhibitory effects of Paris saponin I, II, and VII on HUVEC cells through regulation of VEGFR2, PI3K/AKT/mTOR, Src/eNOS, PLC $\beta$ 3/ERK/MERK, and JAK2-STAT3 pathways. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110750.	5.6	25
27	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. <i>Biomedical Chromatography</i> , 2012, 27, n/a-n/a.	1.7	23
28	Rhein Induces Cell Death in HepaRG Cells through Cell Cycle Arrest and Apoptotic Pathway. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1060.	4.1	23
29	Catalpol Protects ARPE-19 Cells against Oxidative Stress via Activation of the Keap1/Nrf2/ARE Pathway. <i>Cells</i> , 2021, 10, 2635.	4.1	23
30	A New Perspective on Liver Injury by Traditional Chinese Herbs Such As <i>Polygonum multiflorum</i> : The Geographical Area of Harvest As an Important Contributory Factor. <i>Frontiers in Pharmacology</i> , 2017, 8, 349.	3.5	21
31	Molecular Mechanisms of Apoptosis in HepaRG Cell Line Induced by Polyphyllin VI via the Fas Death Pathway and Mitochondrial-Dependent Pathway. <i>Toxins</i> , 2018, 10, 201.	3.4	20
32	Hepatocellular Toxicity of Paris Saponins I, II, VI and VII on Two Kinds of Hepatocytes-HL-7702 and HepaRG Cells, and the Underlying Mechanisms. <i>Cells</i> , 2019, 8, 690.	4.1	19
33	Amino-functionalized Zn metal organic frameworks as antitumor drug curcumin carriers. <i>New Journal of Chemistry</i> , 2020, 44, 17693-17704.	2.8	19
34	Application of iTRAQ-Based Quantitative Proteomics Approach to Identify Deregulated Proteins Associated with Liver Toxicity Induced by <i>Polygonum Multiflorum</i> in Rats. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 2102-2116.	1.6	17
35	Underlying mechanisms of apoptosis in HepG2 cells induced by polyphyllin I through Fas death and mitochondrial pathways. <i>Toxicology Mechanisms and Methods</i> , 2020, 30, 397-406.	2.7	17
36	Simultaneous Determination and Pharmacokinetic Study of Quercetin, Luteolin, and Apigenin in Rat Plasma after Oral Administration of <i>Matricaria chamomilla</i> L. Extract by HPLC-UV. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-7.	1.2	15

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37	Apoptosis in HepaRG and HL-7702 cells induced by polyphyllin II through caspases activation and cell-cycle arrest. <i>Journal of Cellular Physiology</i> , 2019, 234, 7078-7089.	4.1	15
38	Characterization of the constituents in rat plasma after oral administration of radix polygoni multiflori extracts by ultra-performance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Biomedical Chromatography</i> , 2015, 29, 1541-1547.	1.7	14
39	Simultaneous Determination of Typhaneoside and Isorhamnetin-3-O-Neohesperidoside in Rats After Oral Administration of Pollen Typhae Extract by UPLC-MS/MS. <i>Journal of Chromatographic Science</i> , 2015, 53, 866-871.	1.4	14
40	Ginsenoside Rb1 Attenuates Triptolide-Induced Cytotoxicity in HL-7702 Cells via the Activation of Keap1/Nrf2/ARE Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 723784.	3.5	12
41	Development and validation of a highly sensitive LC-ESI-MS/MS method for the determination of hyperoside in beagle dog plasma: application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2013, 27, 807-811.	1.7	11
42	Simultaneous analysis of polygala acid, senegenin and 3,6-disaccharide in rat plasma by liquid chromatography-tandem mass spectrometry: application to a pharmacokinetic study after oral administration. <i>Biomedical Chromatography</i> , 2014, 28, 594-600.	1.7	11
43	Simultaneous Analysis of Quercetin and Naringenin in Rat Plasma by Liquid Chromatography-Tandem Mass Spectrometry: Application to a Pharmacokinetic Study After Oral Administration. <i>Journal of Chromatographic Science</i> , 2016, 54, 1359-1364.	1.4	11
44	Zirconium-Porphyrin PCN-222: pH-responsive Controlled Anticancer Drug Oridonin. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-12.	1.2	11
45	Topical Delivery of Levocarnitine to the Cornea and Anterior Eye by Thermosensitive in-situ Gel for Dry Eye Disease. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 2357-2373.	4.3	11
46	Altered plasma and brain disposition of isopropylidene shikimic acid liposome in rats and the brain protection in cerebral ischemia-reperfusion. <i>Drug Development and Industrial Pharmacy</i> , 2013, 39, 1291-1295.	2.0	10
47	Simultaneous LC-MS/MS quantification and pharmacokinetics of baicalin, chlorogenic acid and forsythin after intravenous administration of Shuang-huang-lian powder to dogs. <i>Analytical Methods</i> , 2013, 5, 2784.	2.7	7
48	Determination of the phytochemical composition of Jingning fang and the in vivo pharmacokinetics of its metabolites in rat plasma by UPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1067, 71-88.	2.3	7
49	Preparation and physicochemical characterization of T-OA PLGA microspheres. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 912-916.	1.3	7
50	UPLC-MS/MS method for the determination of the herb composition of Tangshen formula and the <i>in vivo</i> pharmacokinetics of its metabolites in rat plasma. <i>Phytochemical Analysis</i> , 2022, 33, 402-426.	2.4	6
51	Preparation, Characterization, and In Vitro Release of Curcumin-Loaded IRMOF-10 Nanoparticles and Investigation of Their Pro-Apoptotic Effects on Human Hepatoma HepG2 Cells. <i>Molecules</i> , 2022, 27, 3940.	3.8	6
52	Construction of a Multifunctional Nano-Scale Metal-Organic Framework-Based Drug Delivery System for Targeted Cancer Therapy. <i>Pharmaceutics</i> , 2021, 13, 1945.	4.5	5
53	Design of an L-Valine-Modified Nanomicelle-Based Drug Delivery System for Overcoming Ocular Surface Barriers. <i>Pharmaceutics</i> , 2022, 14, 1277.	4.5	5
54	Simultaneous determination and pharmacokinetic study of polygalaxanthone III, tenuifolin, tenuifolioside A and tenuifolioside C in rat plasma by LC-MS/MS after oral administration. <i>Analytical Methods</i> , 2014, 6, 6424.	2.7	4

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55	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
56	Study on the potential effective ingredients of Xiaosheng prescription for dry eye disease. Biomedicine and Pharmacotherapy, 2020, 127, 110051.	5.6	4
57	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
58	IRMOF-encapsulated curcumin as a biocompatible, sustained-release nano-preparation. Applied Organometallic Chemistry, 0, , .	3.5	3
59	Kinetics and mechanism of 3,6-disin apoylsucrose, tenuifoliside A, tenuifoliside B and tenuifoliside C degradation in aqueous solutions. Analytical Methods, 2015, 7, 8882-8888.	2.7	2
60	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
61	Phototherapeutic effect of transformable peptides containing pheophorbide a on colorectal cancer. Drug Delivery, 2022, 29, 1608-1619.	5.7	2
62	Preparation and physicochemical characterization of a solid dispersion of (3, 5,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (6-trimethyl polyvinylpyrrolidone. Chinese Journal of Natural Medicines, 2015, 13, 861-866.	1.3	1
63	Assessment of absorption of four lignan constituents of JingNing particles in rat gut using <i>in situ</i> single-pass intestinal perfusion. Tropical Journal of Pharmaceutical Research, 2017, 16, 837.	0.3	0
64	Preformulation study and initial determination of biological Properties of isopropylidene shikimic acid. Pakistan Journal of Pharmaceutical Sciences, 2018, 31, 2329-2332.	0.2	0