

Jian Ni

List of Publications by Year in descending order

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88
papers

3,034
citations

201674

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docs citations

89
times ranked

3744
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	Incidence and death in 29 cancer groups in 2017 and trend analysis from 1990 to 2017 from the Global Burden of Disease Study. <i>Journal of Hematology and Oncology</i> , 2019, 12, 96.	17.0	119
5	<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
6	The Burden and Trends of Primary Liver Cancer Caused by Specific Etiologies from 1990 to 2017 at the Global, Regional, National, Age, and Sex Level Results from the Global Burden of Disease Study 2017. <i>Liver Cancer</i> , 2020, 9, 563-582.	7.7	97
7	Metal Organic Frameworks as Drug Targeting Delivery Vehicles in the Treatment of Cancer. <i>Pharmaceutics</i> , 2020, 12, 232.	4.5	83
8	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
9	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
10	In Vitro Toxicity Study of a Porous Iron(III) Metal-Organic Framework. <i>Molecules</i> , 2019, 24, 1211.	3.8	60
11	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
12	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
13	Cassiae semen: A review of its phytochemistry and pharmacology. <i>Molecular Medicine Reports</i> , 2017, 16, 2331-2346.	2.4	54
14	Biocompatible Fe-Based Micropore Metal-Organic Frameworks as Sustained-Release Anticancer Drug Carriers. <i>Molecules</i> , 2018, 23, 2490.	3.8	53
15	A Systematic Review of the Pharmacology, Toxicology and Pharmacokinetics of Matrine. <i>Frontiers in Pharmacology</i> , 2020, 11, 01067.	3.5	53
16	Inhibition of Mitochondrial Complex Function—The Hepatotoxicity Mechanism of Emodin Based on Quantitative Proteomic Analyses. <i>Cells</i> , 2019, 8, 263.	4.1	48
17	Triptolide Induces Apoptosis Through Fas Death and Mitochondrial Pathways in HepaRG Cell Line. <i>Frontiers in Pharmacology</i> , 2018, 9, 813.	3.5	44
18	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

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19	Active Components and Pharmacological Effects of <i>Cornus officinalis</i> : Literature Review. <i>Frontiers in Pharmacology</i> , 2021, 12, 633447.	3.5	39
20	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
21	Quality evaluation of <i>Lycium barbarum</i> (wolfberry) from different regions in China based on polysaccharide structure, yield and bioactivities. <i>Chinese Medicine</i> , 2019, 14, 49.	4.0	38
22	Functionalization of MOF-5 with mono-substituents: effects on drug delivery behavior. <i>RSC Advances</i> , 2020, 10, 36862-36872.	3.6	36
23	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
24	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
25	Interpretation the Hepatotoxicity Based on Pharmacokinetics Investigated Through Oral Administrated Different Extraction Parts of <i>Polygonum multiflorum</i> on Rats. <i>Frontiers in Pharmacology</i> , 2018, 9, 505.	3.5	32
26	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
27	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
28	<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
29	Types, principle, and characteristics of tandem high-resolution mass spectrometry and its applications. <i>RSC Advances</i> , 2015, 5, 107623-107636.	3.6	28
30	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
31	Inhibitory effects of Paris saponin I, II, and III on HUVEC cells through regulation of VEGFR2, PI3K/AKT/mTOR, Src/eNOS, PLC β /ERK/MERK, and JAK2-STAT3 pathways. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110750.	5.6	25
32	Quality control and immunological activity of lentinan samples produced in China. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 129-136.	7.5	24
33	Simultaneous determination and pharmacokinetic study of polyphyllin I, polyphyllin II, polyphyllin VI and polyphyllin VII in beagle dog plasma after oral administration of <i>Rhizoma Paridis</i> extracts by LC-MS-MS. <i>Biomedical Chromatography</i> , 2012, 27, n/a-n/a.	1.7	23
34	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
35	Pharmacology, toxicity and pharmacokinetics of acetylshikonin: a review. <i>Pharmaceutical Biology</i> , 2020, 58, 950-958.	2.9	23
36	Neuroprotective Effect of Catalpol via Anti-Oxidative, Anti-Inflammatory, and Anti-Apoptotic Mechanisms. <i>Frontiers in Pharmacology</i> , 2020, 11, 690.	3.5	23

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37	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
38	A New Perspective on Liver Injury by Traditional Chinese Herbs Such As Polygonum multiflorum: The Geographical Area of Harvest As an Important Contributory Factor. <i>Frontiers in Pharmacology</i> , 2017, 8, 349.	3.5	21
39	Simultaneous determination of 14 constituents of Radix polygoni multiflori from different geographical areas by liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2015, 29, 1048-1055.	1.7	19
40	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
41	Amino-functionalized Zn metal organic frameworks as antitumor drug curcumin carriers. <i>New Journal of Chemistry</i> , 2020, 44, 17693-17704.	2.8	19
42	Application of iTRAQ-Based Quantitative Proteomics Approach to Identify Deregulated Proteins Associated with Liver Toxicity Induced by Polygonum Multiflorum in Rats. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 2102-2116.	1.6	17
43	Morroniside Inhibits H2O2-Induced Podocyte Apoptosis by Down-Regulating NOX4 Expression Controlled by Autophagy In Vitro. <i>Frontiers in Pharmacology</i> , 2020, 11, 533809.	3.5	17
44	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
45	Preparation and Evaluation of Solid Dispersions of A New Antitumor Compound Based on Early-Stage Preparation Discovery Concept. <i>AAPS PharmSciTech</i> , 2013, 14, 629-638.	3.3	15
46	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
47	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
48	Alterations of Amino Acid Level in Depressed Rat Brain. <i>Korean Journal of Physiology and Pharmacology</i> , 2014, 18, 371.	1.2	14
49	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
50	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
51	Mesenchymal stem cells combined with traditional Chinese medicine (qiâ€ƒfangâ€ƒbiâ€ƒminâ€ƒtang) alleviates rodent allergic rhinitis. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 1541-1551.	2.6	14
52	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
53	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
54	Simultaneous analysis of polygala acid, senegenin and 3,6-diisapoylsucrose 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

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55	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
56	Zirconium-Porphyrin PCN-222: pH-responsive Controlled Anticancer Drug Oridonin. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-12.	1.2	11
57	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
58	Effects of Lycium barbarum Polysaccharides on Immunity and the Gut Microbiota in Cyclophosphamide-Induced Immunosuppressed Mice. <i>Frontiers in Microbiology</i> , 2021, 12, 701566.	3.5	11
59	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
60	Two new triterpenoid saponins from the leaves of <i>Aralia elata</i> . <i>Journal of Asian Natural Products Research</i> , 2013, 15, 849-854.	1.4	8
61	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
62	Metabolism study of boldenone in human urine by gas chromatography–tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 115, 570-575.	2.8	7
63	Forsythiaside stability in pretreated rat plasma and its pharmacokinetics after i.v. administration. <i>Analytical Methods</i> , 2015, 7, 1809-1815.	2.7	7
64	In-vitro and in-vivo comparison of T-OA microemulsions and solid dispersions based on EPDC. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 263-271.	2.0	7
65	Chemical Constituents from <i>Daphne giraldii</i> Nitsche and Their Contents Simultaneous Determination by HPLC. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-5.	1.2	7
66	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
67	Preparation and physicochemical characterization of T-OA PLGA microspheres. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 912-916.	1.3	7
68	Simultaneous determination and pharmacokinetic study of P-hydroxybenzaldehyde, 2,3,5,4-tetrahydroxystilbene-2-O- β -glucoside, emodin-8-O- β -glucopyranoside, and emodin in rat plasma by liquid chromatography tandem mass spectrometry after oral administration of <i>Polygonum multiflorum</i> . <i>Analytical Methods</i> , 2015, 7, 244-252.	2.7	6
69	Hepatotoxicity and mechanism study of chrysophanol-8-O-glucoside in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2019, 120, 109531.	5.6	6
70	UPLC–MS/MS method for the determination of the herb composition of Tangshen formula and the in vivo pharmacokinetics of its metabolites in rat plasma. <i>Phytochemical Analysis</i> , 2022, 33, 402-426.	2.4	6
71	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
72	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

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73	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
74	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. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-10.	1.2	4
75	Analysis of clinical trials of new drugs in China as of 2019. <i>Drug Discovery Today</i> , 2020, 25, 2080-2088.	6.4	4
76	Study on the potential effective ingredients of Xiaosheng prescription for dry eye disease. <i>Biomedicine and Pharmacotherapy</i> , 2020, 127, 110051.	5.6	4
77	Analysis and pharmacokinetic study of polyphyllin H in beagle dog plasma after oral administration of <i>Rhizoma Paridis</i> extracts by LC-MS/MS. <i>Biomedical Chromatography</i> , 2014, 28, 1869-1873.	1.7	3
78	IRMOF-encapsulated curcumin as a biocompatible, sustained-release nano-preparation. <i>Applied Organometallic Chemistry</i> , 0, .	3.5	3
79	Kinetics and mechanism of 3,6-disin apoylsucrose, tenuifolioside A, tenuifolioside B and tenuifolioside C degradation in aqueous solutions. <i>Analytical Methods</i> , 2015, 7, 8882-8888.	2.7	2
80	Concentration Prediction of Total Flavonoids in <i>Aurantii Fructus</i> Extraction Process: Locally Weighted Regression versus Kinetic Model Equation Based on Fick's Law. <i>Chinese Herbal Medicines</i> , 2015, 7, 69-74.	3.0	2
81	Pharmacokinetics and brain distribution studies of ginsenoside Rd in rats via intranasal administration by LC-MS/MS. <i>Analytical Methods</i> , 2015, 7, 8809-8816.	2.7	2
82	A new polymorph of isoimperatorin. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 849-856.	2.4	2
83	Simultaneous determination and pharmacokinetic study of girdoid a, girdoid B in rat plasma after oral administration of <i>Daphne giraldii</i> Nitsche extracts by LC-MS/MS. <i>Biomedical Chromatography</i> , 2018, 32, e4129.	1.7	2
84	Phototherapeutic effect of transformable peptides containing pheophorbide a on colorectal cancer. <i>Drug Delivery</i> , 2022, 29, 1608-1619.	5.7	2
85	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. <i>Chinese Journal of Natural Medicines</i> , 2015, 13, 861-866.	1.3	1
86	Pharmacokinetic interaction of <i>Forsythia suspensa</i> extract and azithromycin injection after single and co-intravenous administration in rats. <i>Chinese Journal of Natural Medicines</i> , 2020, 18, 234-240.	1.3	1
87	Crystal structure and physicochemical characterization of 3 ¹² -hydroxyolea-12-en-28-oic acid-3,5,6-trimethylpyrazin-2-methyl ester. <i>Journal of Molecular Structure</i> , 2017, 1130, 238-243.	3.6	0
88	Preformulation study and initial determination of biological Properties of isopropylidene shikimic acid. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018, 31, 2329-2332.	0.2	0