

Shuai Wang

List of Publications by Year in descending order

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72
papers

1,457
citations

361413

20
h-index

395702

33
g-index

73
all docs

73
docs citations

73
times ranked

1835
citing authors

#	ARTICLE	IF	CITATIONS
1	REV-ERB β integrates colon clock with experimental colitis through regulation of NF- κ B/NLRP3 axis. <i>Nature Communications</i> , 2018, 9, 4246.	12.8	194
2	Anti-Inflammation Effects and Potential Mechanism of Saikosaponins by Regulating Nicotinate and Nicotinamide Metabolism and Arachidonic Acid Metabolism. <i>Inflammation</i> , 2016, 39, 1453-1461.	3.8	73
3	Targeting REV-ERB β for therapeutic purposes: promises and challenges. <i>Theranostics</i> , 2020, 10, 4168-4182.	10.0	73
4	Circadian rhythm in pharmacokinetics and its relevance to chronotherapy. <i>Biochemical Pharmacology</i> , 2020, 178, 114045.	4.4	63
5	REV-ERB α Regulates CYP7A1 Through Repression of Liver Receptor Homolog-1. <i>Drug Metabolism and Disposition</i> , 2018, 46, 248-258.	3.3	54
6	VAMP8 facilitates cellular proliferation and temozolomide resistance in human glioma cells. <i>Neuro-Oncology</i> , 2015, 17, 407-418.	1.2	51
7	Bmal1 regulates circadian expression of cytochrome P450 3a11 and drug metabolism in mice. <i>Communications Biology</i> , 2019, 2, 378.	4.4	46
8	Targeted inhibition of Rev-erb α / β limits ferroptosis to ameliorate folic acid-induced acute kidney injury. <i>British Journal of Pharmacology</i> , 2021, 178, 328-345.	5.4	40
9	Design, synthesis and biological evaluation of N-alkyl or aryl substituted isoindigo derivatives as potential dual cyclin-dependent kinase 2 (CDK2)/glycogen synthase kinase 3 β (GSK-3 β) phosphorylation inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 86, 165-174.	5.5	39
10	An NF- κ B-driven lncRNA orchestrates colitis and circadian clock. <i>Science Advances</i> , 2020, 6, .	10.3	36
11	Anti-ulcer effect and potential mechanism of licoflavone by regulating inflammation mediators and amino acid metabolism. <i>Journal of Ethnopharmacology</i> , 2017, 199, 175-182.	4.1	34
12	Circadian Clock Gene Bmal1 Regulates Bilirubin Detoxification: A Potential Mechanism of Feedback Control of Hyperbilirubinemia. <i>Theranostics</i> , 2019, 9, 5122-5133.	10.0	33
13	PPAR- β integrates obesity and adipocyte clock through epigenetic regulation of <i>Bmal1</i> . <i>Theranostics</i> , 2022, 12, 1589-1606.	10.0	32
14	Circadian pharmacological effects of berberine on chronic colitis in mice: Role of the clock component Rev-erb β . <i>Biochemical Pharmacology</i> , 2020, 172, 113773.	4.4	31
15	Simultaneous Quantitative Determination of Nine Active Chemical Compositions in Traditional Chinese Medicine <i>Glycyrrhiza</i> by RP-HPLC with Full-Time Five-Wavelength Fusion Method. <i>The American Journal of Chinese Medicine</i> , 2013, 41, 211-219.	3.8	29
16	Multicomponent, multitarget integrated adjustment “Metabolomics study of Qizhiweitong particles curing gastrointestinal motility disorders in mice induced by atropine. <i>Journal of Ethnopharmacology</i> , 2016, 189, 14-21.	4.1	29
17	Metabolomic study of the intervention effects of Shuihonghuazi Formula, a Traditional Chinese Medicinal formulae, on hepatocellular carcinoma (HCC) rats using performance HPLC/ESI-TOF-MS. <i>Journal of Ethnopharmacology</i> , 2017, 198, 468-478.	4.1	28
18	Cyp3a11 metabolism-based chronotoxicity of brucine in mice. <i>Toxicology Letters</i> , 2019, 313, 188-195.	0.8	28

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19	Bilirubin alleviates aluminum-induced peritonitis through inactivation of NLRP3 inflammasome. <i>Biomedicine and Pharmacotherapy</i> , 2019, 116, 108973.	5.6	23
20	Evidence for the involvement of COX-2/VEGF and PTEN/PI3K/AKT pathway the mechanism of oroxin B treated liver cancer. <i>Pharmacognosy Magazine</i> , 2018, 14, 207.	0.6	23
21	Oscillating lncRNA <i>Platr4</i> regulates <i>NLRP3</i> inflammasome to ameliorate nonalcoholic steatohepatitis in mice. <i>Theranostics</i> , 2021, 11, 426-444.	10.0	21
22	Cremophor EL-based nanoemulsion enhances transcellular permeation of emodin through glucuronidation reduction in UGT1A1-overexpressing MDCKII cells. <i>International Journal of Pharmaceutics</i> , 2016, 501, 190-198.	5.2	19
23	Farnesoid X receptor regulates SULT1E1 expression through inhibition of PGC1 β binding to HNF4 β . <i>Biochemical Pharmacology</i> , 2017, 145, 202-209.	4.4	19
24	Synthesis and antioxidant activity of conjugates of hydroxytyrosol and coumarin. <i>Bioorganic Chemistry</i> , 2020, 105, 104427.	4.1	19
25	Docking-based virtual screening of T 1^2 R1 inhibitors: evaluation of pose prediction and scoring functions. <i>BMC Chemistry</i> , 2020, 14, 52.	3.8	19
26	Circadian Cyp3a11 metabolism contributes to chronotoxicity of hypaconitine in mice. <i>Chemico-Biological Interactions</i> , 2019, 308, 288-293.	4.0	18
27	A Novel Amino and Carboxyl Functionalized Mesoporous Silica as an Efficient Adsorbent for Nickel(II). <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 176-188.	1.9	18
28	Efficient Removal of Hexavalent Chromium and Congo Red by Graphene Oxide/Silica Nanosheets with Multistage Pores. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 4354-4368.	1.9	18
29	Synthesis and bioevaluation of N-(3,4,5-trimethoxyphenyl)-1H-pyrazolo[3,4-b]pyridin-3-amines as tubulin polymerization inhibitors with anti-angiogenic effects. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 31, 115985.	3.0	17
30	Transcriptional Regulation of Human UDP-Glucuronosyltransferase 2B10 by Farnesoid X Receptor in Human Hepatoma HepG2 Cells. <i>Molecular Pharmaceutics</i> , 2017, 14, 2899-2907.	4.6	16
31	Circadian clock regulates metabolism and toxicity of Fuzi(lateral root of <i>Aconitum carmichaeli</i> Debx) in mice. <i>Phytomedicine</i> , 2020, 67, 153161.	5.3	16
32	Design, synthesis and biological evaluation of novel 2-(4-(1H-indazol-6-yl)-1H-pyrazol-1-yl)acetamide derivatives as potent VEGFR-2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 213, 113192.	5.5	16
33	Mechanism of modulation through PI3K-AKT pathway about <i>Nepeta cataria</i> L.'s extract in non-small cell lung cancer. <i>Oncotarget</i> , 2017, 8, 31395-31405.	1.8	16
34	Mechanism of fructus aurantii flavonoids promoting gastrointestinal motility: From organic and inorganic endogenous substances combination point of view. <i>Pharmacognosy Magazine</i> , 2017, 13, 372.	0.6	16
35	3D microfluidic in vitro model and bioinformatics integration to study the effects of <i>Spatholobi Caulis</i> tannin in cervical cancer. <i>Scientific Reports</i> , 2018, 8, 12285.	3.3	15
36	The Pharmacological Effects of <i>Spatholobi Caulis</i> Tannin in Cervical Cancer and Its Precise Therapeutic Effect on Related circRNA. <i>Molecular Therapy - Oncolytics</i> , 2019, 14, 121-129.	4.4	14

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37	Multifunctional dual-mesoporous silica nanoparticles loaded with a protein and dual antitumor drugs as a targeted delivery system. <i>New Journal of Chemistry</i> , 2019, 43, 17284-17297.	2.8	13
38	Evidence for Chemopreventive and Resilience Activity of Licorice: <i>Glycyrrhiza Glabra</i> and <i>G. inflata</i> Extracts Modulate Estrogen Metabolism in ACI Rats. <i>Cancer Prevention Research</i> , 2018, 11, 819-830.	1.5	12
39	Pharmacokinetics-based chronoefficacy of <i>Fuzi</i> against chronic kidney disease. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 535-544.	2.4	12
40	Total Flavonoids from <i>Oroxylum indicum</i> Induce Apoptosis via PI3K/Akt/PTEN Signaling Pathway in Liver Cancer. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-9.	1.2	10
41	Rev-erb α regulates hepatic ischemia-reperfusion injury in mice. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 916-921.	2.1	10
42	Design, synthesis and biological evaluation of indole-2-one derivatives as potent BRD4 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 208, 112780.	5.5	10
43	Multipathway integrated adjustment mechanism of <i>Glycyrrhiza</i> triterpenes curing gastric ulcer in rats. <i>Pharmacognosy Magazine</i> , 2017, 13, 209.	0.6	10
44	Arylsulfatase B Mediates the Sulfonation-Transport Interplay in Human Embryonic Kidney 293 Cells Overexpressing Sulfotransferase 1A3. <i>Drug Metabolism and Disposition</i> , 2016, 44, 1441-1449.	3.3	9
45	Efflux Transport Characterization of Resveratrol Glucuronides in UDP-Glucuronosyltransferase 1A1 Transfected HeLa Cells: Application of a Cellular Pharmacokinetic Model to Decipher the Contribution of Multidrug Resistance-Associated Protein 4. <i>Drug Metabolism and Disposition</i> , 2016, 44, 485-488.	3.3	9
46	Synthesis and discovery of 18 β -glycyrrhetic acid derivatives inhibiting cancer stem cell properties in ovarian cancer cells. <i>RSC Advances</i> , 2019, 9, 27294-27304.	3.6	9
47	Highly efficient genome editing in <i>N. gerenzanensis</i> using an inducible CRISPR/Cas9-RecA system. <i>Biotechnology Letters</i> , 2020, 42, 1699-1706.	2.2	9
48	Multipathway integrated adjustment mechanism of licorice flavonoids presenting anti-inflammatory activity. <i>Oncology Letters</i> , 2019, 18, 4956-4963.	1.8	9
49	Synthesis and Cytotoxicity Evaluation of New 3-substituted 4-(4-methoxyphenyl)-5-H-Pyrrole Derivatives. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 200-206.	1.9	8
50	Identification of UDP-glucuronosyltransferases 1A1, 1A3 and 2B15 as the main contributors to glucuronidation of bakuchiol, a natural biologically active compound. <i>Xenobiotica</i> , 2017, 47, 369-375.	1.1	8
51	Synthesis and Anticancer Activity of 3-(Substituted Aroyl)-4-(3,4,5-trimethoxyphenyl)-5-H-pyrrole Derivatives. <i>Chemistry and Biodiversity</i> , 2017, 14, e1600219.	2.1	7
52	Analysis of plasma migration components in <i>Patrinia villosa</i> (Thunb.) Juss. effective parts by UPLC-QTOF-MS. <i>Biomedical Chromatography</i> , 2020, 34, e4701.	1.7	7
53	Characterization and expression analysis of genes encoding Taxol biosynthetic enzymes in <i>Taxus</i> spp.. <i>Journal of Forestry Research</i> , 2021, 32, 2507-2515.	3.6	7
54	Pharmacokinetics-Based Chronoefficacy of Semen <i>Strychni</i> and <i>Tripterygium</i> Glycoside Tablet Against Rheumatoid Arthritis. <i>Frontiers in Pharmacology</i> , 2021, 12, 673263.	3.5	7

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55	The synthesis and anti-tumour properties of novel 4-substituted phthalazinones as Aurora B kinase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127556.	2.2	6
56	Interpretation of the absorbed constituents and pharmacological effect of <i>Spica Schizonepetae</i> extract on non-small cell lung cancer. <i>PLoS ONE</i> , 2021, 16, e0248700.	2.5	6
57	Chronotoxicity of <i>Semen Strychni</i> is associated with circadian metabolism and transport in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 398-409.	2.4	6
58	Steroidal Glycosides from Roots of <i>Cynanchum otophyllum</i> . <i>Chemistry of Natural Compounds</i> , 2015, 51, 703-705.	0.8	5
59	Preparation of pH-Responsive Alginate-Chitosan Microspheres for L-Valine Loading and Their Effects on the A40926 Production. <i>Current Microbiology</i> , 2020, 77, 1016-1023.	2.2	5
60	Improved A40926 production from <i>Nonomuraea gerenzanensis</i> using the promoter engineering and the co-expression of crucial genes. <i>Journal of Biotechnology</i> , 2020, 324, 28-33.	3.8	4
61	Synthesis, characterization and molecular dynamics simulation of the polyacrylates membranes. <i>E-Polymers</i> , 2016, 16, 83-89.	3.0	3
62	Organic Functionalization of Mesoporous Silica Spheres as a Nanovehicle for DOX pH-Triggered Delivery. <i>Nano</i> , 2019, 14, 1950094.	1.0	3
63	Chronoeffects of the Herbal Medicines <i>Puerariae radix</i> and <i>Coptidis rhizoma</i> in Mice: A Potential Role of REV-ERB α . <i>Frontiers in Pharmacology</i> , 2021, 12, 707844.	3.5	3
64	Metabolomics and genomics: revealing the mechanism of corydalis alkaloid on anti-inflammation in vivo and in vitro. <i>Medicinal Chemistry Research</i> , 2018, 27, 669-678.	2.4	2
65	Anti-lung cancer activity of <i>Schizonepetae Spica</i> extract and identification of its compounds by ultra-performance liquid chromatography coupled with quadrupole-time-of-flight mass spectrometry. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019, 42, 605-612.	1.0	2
66	Synthesis and Anti-cancer Activity of 3-substituted Benzoyl-4-substituted Phenyl-1H-pyrrole Derivatives. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 821-831.	1.7	2
67	E4BP4 regulates hepatic SLC2A9 and uric acid disposition in mice. <i>Drug Metabolism and Disposition</i> , 2022, , DMD-AR-2021-000790.	3.3	2
68	Utilization of marigold (<i>Tagetes erecta</i>) flower fermentation wastewater as a fertilizer and its effect on microbial community structure in maize rhizosphere and non-rhizosphere soil. <i>Biotechnology and Biotechnological Equipment</i> , 2020, 34, 522-531.	1.3	1
69	mmu-miR-199a-5p regulates CYP2B10 through repression of E4BP4 in mouse AML-12 hepatocytes. <i>Xenobiotica</i> , 2021, 51, 1101-1109.	1.1	1
70	Third Generation Genome Sequencing Reveals That Endobacteria in Nematophagous Fungi <i>Esteya vermicola</i> Contain Multiple Genes Encoding for Nematicidal Proteins. <i>Frontiers in Microbiology</i> , 2022, 13, 842684.	3.5	1
71	Production enhancement of the glycopeptide antibiotic A40926 by an engineered <i>Nonomuraea gerenzanensis</i> strain. <i>Biotechnology Letters</i> , 2022, 44, 259-269.	2.2	0
72	Mechanism of total glucosides from Chishao (<i>Radix Paeoniae Rubra</i>) on proliferation and apoptosis of hepatocellular carcinoma cells via phosphatase and tensin homolog deleted on chromosome ten / phosphatidylinositol 3-kinase / protein kinase B signaling pathway. <i>Journal of Traditional Chinese Medicine</i> , 2021, 41, 677-683.	0.2	0