

Xiaohe Xiao

List of Publications by Year in descending order

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64
papers

1,594
citations

257450

24
h-index

345221

36
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67
all docs

67
docs citations

67
times ranked

1656
citing authors

#	ARTICLE	IF	CITATIONS
1	Isoxanthohumol, a component of <i>Sophora flavescens</i> , promotes the activation of the NLRP3 inflammasome and induces idiosyncratic hepatotoxicity. <i>Journal of Ethnopharmacology</i> , 2022, 285, 114796.	4.1	6
2	NLRP3 Inflammasome Pharmacological Inhibitors in Glycyrrhiza for NLRP3-Driven Diseases Treatment: Extinguishing the Fire of Inflammation. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 409-422.	3.5	12
3	Licochalcone B specifically inhibits the NLRP3 inflammasome by disrupting NEK7â€NLRP3 interaction. <i>EMBO Reports</i> , 2022, 23, e53499.	4.5	40
4	The role of NLRP3 inflammasome in psychotropic drug-induced hepatotoxicity. <i>Cell Death Discovery</i> , 2022, 8, .	4.7	0
5	Echinatin effectively protects against NLRP3 inflammasomeâ€driven diseases by targeting HSP90. <i>JCI Insight</i> , 2021, 6, .	5.0	52
6	Establishment of an anti-inflammation-based bioassay for the quality control of the 13-component TCM formula (Lianhua Qingwen). <i>Pharmaceutical Biology</i> , 2021, 59, 535-543.	2.9	4
7	Icariside I specifically facilitates ATP or nigericin-induced NLRP3 inflammasome activation and causes idiosyncratic hepatotoxicity. <i>Cell Communication and Signaling</i> , 2021, 19, 13.	6.5	19
8	Cryptotanshinone specifically suppresses NLRP3 inflammasome activation and protects against inflammasome-mediated diseases. <i>Pharmacological Research</i> , 2021, 164, 105384.	7.1	42
9	Psoralidin, a major component of <i>Psoraleae Fructus</i> , induces inflammasome activation and idiosyncratic liver injury. <i>International Immunopharmacology</i> , 2021, 92, 107352.	3.8	9
10	Bavachin enhances NLRP3 inflammasome activation induced by ATP or nigericin and causes idiosyncratic hepatotoxicity. <i>Frontiers of Medicine</i> , 2021, 15, 594-607.	3.4	27
11	The Combination of Schisandrol B and Wedelolactone Synergistically Reverses Hepatic Fibrosis Via Modulating Multiple Signaling Pathways in Mice. <i>Frontiers in Pharmacology</i> , 2021, 12, 655531.	3.5	2
12	The Cytosolic DNA-Sensing cGAS-STING Pathway in Liver Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 717610.	3.7	9
13	Brevilin A inhibits NLRP3 inflammasome activation in vivo and in vitro by acting on the upstream of NLRP3-induced ASC oligomerization. <i>Molecular Immunology</i> , 2021, 135, 116-126.	2.2	13
14	New incompatible pair of TCM: <i>Epimedii Folium</i> combined with <i>Psoraleae Fructus</i> induces idiosyncratic hepatotoxicity under immunological stress conditions. <i>Frontiers of Medicine</i> , 2020, 14, 68-80.	3.4	37
15	Components synergy between stilbenes and emodin derivatives contributes to hepatotoxicity induced by <i>Polygonum multiflorum</i> . <i>Xenobiotica</i> , 2020, 50, 515-525.	1.1	26
16	Biothermokinetic characterization and evaluation on the quality of <i>Colla corii asini</i> . <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 1141-1149.	3.6	1
17	Glucocalyxin A alleviates LPS-mediated septic shock and inflammation via inhibiting NLRP3 inflammasome activation. <i>International Immunopharmacology</i> , 2020, 81, 106271.	3.8	25
18	Dehydrocostus lactone inhibits NLRP3 inflammasome activation by blocking ASC oligomerization and prevents LPS-mediated inflammation in vivo. <i>Cellular Immunology</i> , 2020, 349, 104046.	3.0	21

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19	Icariside, a main compound in Epimedii Folium, induces idiosyncratic hepatotoxicity by enhancing NLRP3 inflammasome activation. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1619-1633.	12.0	38
20	Carnosol inhibits inflammasome activation by directly targeting HSP90 to treat inflammasome-mediated diseases. <i>Cell Death and Disease</i> , 2020, 11, 252.	6.3	40
21	Effectiveness and safety of Chinese herbal medicines for hepatitis B virus-related acute-on-chronic liver failure: study protocol for a multicenter randomized controlled trial. <i>Journal of Traditional Chinese Medicine</i> , 2020, 40, 1052-1058.	0.2	1
22	Integrated Metabolomics and Network Pharmacology Study on Immunoregulation Mechanisms of Panax ginseng through Macrophages. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-14.	1.2	9
23	Carbamazepine promotes specific stimuli-induced NLRP3 inflammasome activation and causes idiosyncratic liver injury in mice. <i>Archives of Toxicology</i> , 2019, 93, 3585-3599.	4.2	18
24	An anti-influenza virus activity-calibrated chemical standardization approach for quality evaluation of indigo naturalis. <i>Analytical Methods</i> , 2019, 11, 4719-4726.	2.7	10
25	Network pharmacology oriented study reveals inflammatory state-dependent dietary supplement hepatotoxicity responses in normal and diseased rats. <i>Food and Function</i> , 2019, 10, 3477-3490.	4.6	9
26	HLA-B*35:01 Allele Is a Potential Biomarker for Predicting Polygonum multiflorum-Induced Liver Injury in Humans. <i>Hepatology</i> , 2019, 70, 346-357.	7.3	98
27	Cardamonin from a medicinal herb protects against LPS-induced septic shock by suppressing NLRP3 inflammasome. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 734-744.	12.0	76
28	Synthesis, crystal structure and biological properties of Cd and Zn coordination polymers based on a flexible tripodal ligand. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 1002-1010.	0.5	5
29	A systems pharmacology-oriented discovery of a new therapeutic use of the TCM formula Liuweiwuling for liver failure. <i>Scientific Reports</i> , 2018, 8, 5645.	3.3	19
30	Liuweiwuling tablets attenuate BDL-induced hepatic fibrosis via modulation of TGF- β 2/Smad and NF- κ B signaling pathways. <i>Journal of Ethnopharmacology</i> , 2018, 210, 232-241.	4.1	33
31	Protective effects of Liuweiwuling tablets on carbon tetrachloride-induced hepatic fibrosis in rats. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 212.	3.7	18
32	Thermal activities of 6-gingerol, 8-gingerol and 6-shogaol on the potentiation of mitochondria thermogenesis based on microcalorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 1787-1795.	3.6	1
33	An activity-calibrated chemical standardization approach for quality evaluation of Salvia miltiorrhiza Bge.. <i>RSC Advances</i> , 2017, 7, 5331-5339.	3.6	12
34	Paeoniflorin ameliorates cholestasis via regulating hepatic transporters and suppressing inflammation in ANIT-fed rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 61-68.	5.6	42
35	A network pharmacology approach to discover active compounds and action mechanisms of San-Cao Granule for treatment of liver fibrosis. <i>Drug Design, Development and Therapy</i> , 2016, 10, 733.	4.3	27
36	Research Advances on Hepatotoxicity of Herbal Medicines in China. <i>BioMed Research International</i> , 2016, 2016, 1-14.	1.9	35

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37	Spectrum-Effect Relationships Between Chemical Fingerprints and Antibacterial Effects of Lonicerae Japonicae Flos and Lonicerae Flos Base on UPLC and Microcalorimetry. <i>Frontiers in Pharmacology</i> , 2016, 7, 12.	3.5	59
38	Untargeted Metabolomics Reveals Dose-Response Characteristics for Effect of Rhubarb in a Rat Model of Cholestasis. <i>Frontiers in Pharmacology</i> , 2016, 7, 85.	3.5	33
39	Toxic Constituents Index: A Toxicity-Calibrated Quantitative Evaluation Approach for the Precise Toxicity Prediction of the Hypertoxic Phytomedicine "Aconite". <i>Frontiers in Pharmacology</i> , 2016, 7, 164.	3.5	26
40	Serum Metabolomic Profiling in a Rat Model Reveals Protective Function of Paeoniflorin Against ANIT Induced Cholestasis. <i>Phytotherapy Research</i> , 2016, 30, 654-662.	5.8	26
41	Antibacterial effect of different extracts from <i>Wikstroemia indica</i> on <i>Escherichia coli</i> based on microcalorimetry coupled with agar dilution method. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 1583-1590.	3.6	9
42	Biological fingerprinting based on microcalorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 2273-2281.	3.6	5
43	Cold/hot pad differentiating assay of property differences of Mahuang and Maxingshigan decoctions. <i>Pharmaceutical Biology</i> , 2016, 54, 1298-1302.	2.9	9
44	Paeoniflorin ameliorates ANIT-induced cholestasis by activating Nrf2 through an PI3K/Akt-dependent pathway in rats. <i>Phytotherapy Research</i> , 2015, 29, 1768-1775.	5.8	39
45	A System Review of Anti-fibrogenesis Effects of Compounds Derived from Chinese Herbal Medicine. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 16, 163-175.	2.4	8
46	Inflammatory stress potentiates emodin-induced liver injury in rats. <i>Frontiers in Pharmacology</i> , 2015, 6, 233.	3.5	48
47	Kushenin Combined with Nucleos(t)ide Analogues for Chronic Hepatitis B: A Systematic Review and Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-12.	1.2	3
48	Microcalorimetry coupled with principal component analysis for investigating the anti- <i>Staphylococcus aureus</i> effects of different extracted fractions from <i>Dracontomelon dao</i> . <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 913-920.	3.6	10
49	Microcalorimetric investigation of five <i>Aconitum L.</i> plants on the metabolic activity of mitochondria isolated from rat liver. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 335-344.	3.6	8
50	Microcalorimetry coupled with statistical analysis techniques for bio-activity evaluation of medicinal animal horns and shells. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 973-979.	3.6	0
51	Large Dosage of Chishao in Formulae for Cholestatic Hepatitis: A Systematic Review and Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-10.	1.2	17
52	Biopotency Assays: an Integrated Application to Quality Control of Chinese Materia Medica. <i>Chinese Herbal Medicines</i> , 2014, 6, 256-264.	3.0	13
53	Anti-bacterial effect of four extracts from leaves of <i>Dracontomelon dao</i> on <i>Escherichia coli</i> growth using microcalorimetry coupled with principal component analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 491-497.	3.6	9
54	Quality fluctuation detection of an herbal injection based on biological fingerprint combined with chemical fingerprint. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 5009-5018.	3.7	16

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55	Microcalorimetry coupled with chemometric techniques for toxicity evaluation of Radix Aconiti Lateralis Preparata (Fuzi) and its processed products on Escherichia coli. Applied Microbiology and Biotechnology, 2014, 98, 437-444.	3.6	21
56	Spectrum-effect relationships between UPLC fingerprints and bioactivities of crude secondary roots of Aconitum carmichaelii Debeaux (Fuzi) and its three processed products on mitochondrial growth coupled with canonical correlation analysis. Journal of Ethnopharmacology, 2014, 153, 615-623.	4.1	55
57	Toxic effects caused by rhubarb (Rheum palmatum L.) are reversed on immature and aged rats. Journal of Ethnopharmacology, 2011, 134, 216-220.	4.1	33
58	A comparative study on the tissue distributions of rhubarb anthraquinones in normal and CCl4-injured rats orally administered rhubarb extract. Journal of Ethnopharmacology, 2011, 137, 1492-1497.	4.1	45
59	Hepatotoxicity or Hepatoprotection? Pattern Recognition for the Paradoxical Effect of the Chinese Herb Rheum palmatum L. in Treating Rat Liver Injury. PLoS ONE, 2011, 6, e24498.	2.5	93
60	A strategy for the detection of quality fluctuation of a Chinese herbal injection based on chemical fingerprinting combined with biological fingerprinting. Journal of Pharmaceutical and Biomedical Analysis, 2011, 56, 436-442.	2.8	37
61	Microcalorimetric investigation of effect of berberine alkaloids from Coptis chinensis Franch on intestinal diagnostic flora growth. Science Bulletin, 2009, 54, 369-373.	9.0	10
62	Investigations of Free Anthraquinones from Rhubarb Against Naphthylisothiocyanate-induced Cholestatic Liver Injury in Rats. Basic and Clinical Pharmacology and Toxicology, 2009, 104, 463-469.	2.5	100
63	Microcalorimetric investigation of the effect of berberine alkaloids from Coptis chinensis Franch on Staphylococcus aureus growth. Science in China Series B: Chemistry, 2008, 51, 640-645.	0.8	6
64	Investigation of the effect of berberines alkaloids in Coptis chinensis Franch on Bacillus shigae growth by microcalorimetry. Science in China Series B: Chemistry, 2007, 50, 638-642.	0.8	13