

Xiaohe Xiao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4176563/publications.pdf>

Version: 2024-02-01

64
papers

1,594
citations

257450

24
h-index

345221

36
g-index

67
all docs

67
docs citations

67
times ranked

1656
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations of Free Anthraquinones from Rhubarb Against Naphthylisothiocyanate-induced Cholestatic Liver Injury in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 104, 463-469.	2.5	100
2	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
3	Hepatotoxicity or Hepatoprotection? Pattern Recognition for the Paradoxical Effect of the Chinese Herb <i>Rheum palmatum</i> L. in Treating Rat Liver Injury. <i>PLoS ONE</i> , 2011, 6, e24498.	2.5	93
4	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
5	Spectrum-Effect Relationships Between Chemical Fingerprints and Antibacterial Effects of <i>Lonicerae Japonicae</i> Flos and <i>Lonicerae</i> Flos Base on UPLC and Microcalorimetry. <i>Frontiers in Pharmacology</i> , 2016, 7, 12.	3.5	59
6	Spectrum-effect relationships between UPLC fingerprints and bioactivities of crude secondary roots of <i>Aconitum carmichaelii</i> Debeaux (Fuzi) and its three processed products on mitochondrial growth coupled with canonical correlation analysis. <i>Journal of Ethnopharmacology</i> , 2014, 153, 615-623.	4.1	55
7	Echinatin effectively protects against NLRP3 inflammasome-driven diseases by targeting HSP90. <i>JCI Insight</i> , 2021, 6, .	5.0	52
8	Inflammatory stress potentiates emodin-induced liver injury in rats. <i>Frontiers in Pharmacology</i> , 2015, 6, 233.	3.5	48
9	A comparative study on the tissue distributions of rhubarb anthraquinones in normal and CCl4-injured rats orally administered rhubarb extract. <i>Journal of Ethnopharmacology</i> , 2011, 137, 1492-1497.	4.1	45
10	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
11	Cryptotanshinone specifically suppresses NLRP3 inflammasome activation and protects against inflammasome-mediated diseases. <i>Pharmacological Research</i> , 2021, 164, 105384.	7.1	42
12	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
13	Licochalcone B specifically inhibits the NLRP3 inflammasome by disrupting NEK7-NLRP3 interaction. <i>EMBO Reports</i> , 2022, 23, e53499.	4.5	40
14	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
15	Icariside, a main compound in <i>Epimedii Folium</i> , induces idiosyncratic hepatotoxicity by enhancing NLRP3 inflammasome activation. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1619-1633.	12.0	38
16	A strategy for the detection of quality fluctuation of a Chinese herbal injection based on chemical fingerprinting combined with biological fingerprinting. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 436-442.	2.8	37
17	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
18	Research Advances on Hepatotoxicity of Herbal Medicines in China. <i>BioMed Research International</i> , 2016, 2016, 1-14.	1.9	35

#	ARTICLE	IF	CITATIONS
19	Toxic effects caused by rhubarb (<i>Rheum palmatum</i> L.) are reversed on immature and aged rats. <i>Journal of Ethnopharmacology</i> , 2011, 134, 216-220.	4.1	33
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	Glucocalyxin A alleviates LPS-mediated septic shock and inflammation via inhibiting NLRP3 inflammasome activation. <i>International Immunopharmacology</i> , 2020, 81, 106271.	3.8	25
28	Microcalorimetry coupled with chemometric techniques for toxicity evaluation of Radix Aconiti Lateralis Preparata (Fuzi) and its processed products on <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 437-444.	3.6	21
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	Investigation of the effect of berberines alkaloids in <i>Coptis chinensis</i> Franch on <i>Bacillus shigae</i> growth by microcalorimetry. <i>Science in China Series B: Chemistry</i> , 2007, 50, 638-642.	0.8	13

#	ARTICLE	IF	CITATIONS
37	Biopotency Assays: an Integrated Application to Quality Control of Chinese Materia Medica. Chinese Herbal Medicines, 2014, 6, 256-264.	3.0	13
38	Brevilin A inhibits NLRP3 inflammasome activation in vivo and in vitro by acting on the upstream of NLRP3-induced ASC oligomerization. Molecular Immunology, 2021, 135, 116-126.	2.2	13
39	An activity-calibrated chemical standardization approach for quality evaluation of Salvia miltiorrhiza Bge.. RSC Advances, 2017, 7, 5331-5339.	3.6	12
40	NLRP3 Inflammasome Pharmacological Inhibitors in Glycyrrhiza for NLRP3-Driven Diseases Treatment: Extinguishing the Fire of Inflammation. Journal of Inflammation Research, 2022, Volume 15, 409-422.	3.5	12
41	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
42	Microcalorimetry coupled with principal component analysis for investigating the anti-Staphylococcus aureus effects of different extracted fractions from Dracontomelon dao. Journal of Thermal Analysis and Calorimetry, 2015, 120, 913-920.	3.6	10
43	An anti-influenza virus activity-calibrated chemical standardization approach for quality evaluation of indigo naturalis. Analytical Methods, 2019, 11, 4719-4726.	2.7	10
44	Anti-bacterial effect of four extracts from leaves of Dracontomelon dao on Escherichia coli growth using microcalorimetry coupled with principal component analysis. Journal of Thermal Analysis and Calorimetry, 2014, 116, 491-497.	3.6	9
45	Antibacterial effect of different extracts from Wikstroemia indica on Escherichia coli based on microcalorimetry coupled with agar dilution method. Journal of Thermal Analysis and Calorimetry, 2016, 123, 1583-1590.	3.6	9
46	Cold/hot pad differentiating assay of property differences of Mahuang and Maxingshigan decoctions. Pharmaceutical Biology, 2016, 54, 1298-1302.	2.9	9
47	Integrated Metabolomics and Network Pharmacology Study on Immunoregulation Mechanisms of Panax ginseng through Macrophages. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-14.	1.2	9
48	Network pharmacology oriented study reveals inflammatory state-dependent dietary supplement hepatotoxicity responses in normal and diseased rats. Food and Function, 2019, 10, 3477-3490.	4.6	9
49	Psoralidin, a major component of Psoraleae Fructus, induces inflammasome activation and idiosyncratic liver injury. International Immunopharmacology, 2021, 92, 107352.	3.8	9
50	The Cytosolic DNA-Sensing cGAS-STING Pathway in Liver Diseases. Frontiers in Cell and Developmental Biology, 2021, 9, 717610.	3.7	9
51	A System Review of Anti-fibrogenesis Effects of Compounds Derived from Chinese Herbal Medicine. Mini-Reviews in Medicinal Chemistry, 2015, 16, 163-175.	2.4	8
52	Microcalorimetric investigation of five Aconitum L. plants on the metabolic activity of mitochondria isolated from rat liver. Journal of Thermal Analysis and Calorimetry, 2015, 120, 335-344.	3.6	8
53	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
54	Isoxanthohumol, a component of Sophora flavescens, promotes the activation of the NLRP3 inflammasome and induces idiosyncratic hepatotoxicity. Journal of Ethnopharmacology, 2022, 285, 114796.	4.1	6

#	ARTICLE	IF	CITATIONS
55	Biological fingerprinting based on microcalorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 2273-2281.	3.6	5
56	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
57	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
58	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
59	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
60	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
61	Biothermokinetic characterization and evaluation on the quality of Colla corii asini. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 1141-1149.	3.6	1
62	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
63	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
64	The role of NLRP3 inflammasome in psychotropic drug-induced hepatotoxicity. <i>Cell Death Discovery</i> , 2022, 8, .	4.7	0