

An Kang

List of Publications by Year in descending order

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63
papers

1,418
citations

304743

22
h-index

361022

35
g-index

65
all docs

65
docs citations

65
times ranked

2205
citing authors

#	ARTICLE	IF	CITATIONS
1	FÅ–rster resonance energy transfer (FRET)-based biosensors for biological applications. <i>Biosensors and Bioelectronics</i> , 2019, 138, 111314.	10.1	148
2	Advances in bio-active constituents, pharmacology and clinical applications of rhubarb. <i>Chinese Medicine</i> , 2017, 12, 36.	4.0	116
3	Suppressive Effect of Ginsenoside Rg3 against Lipopolysaccharide-Induced Depression-Like Behavior and Neuroinflammation in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6861-6869.	5.2	79
4	Integrated Metabolomics and Network Pharmacology Approach to Explain Possible Action Mechanisms of Xin-Sheng-Hua Granule for Treating Anemia. <i>Frontiers in Pharmacology</i> , 2018, 9, 165.	3.5	61
5	Anti-inflammatory effects of Huangqin tang extract in mice on ulcerative colitis. <i>Journal of Ethnopharmacology</i> , 2015, 162, 207-214.	4.1	55
6	Rhein Suppresses Lung Inflammatory Injury Induced by Human Respiratory Syncytial Virus Through Inhibiting NLRP3 Inflammasome Activation via NF- κ B Pathway in Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 1600.	3.5	54
7	Antitumor effect of a Pt-loaded nanocomposite based on graphene quantum dots combats hypoxia-induced chemoresistance of oral squamous cell carcinoma. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1505-1524.	6.7	47
8	Silver nanoparticles-enhanced time-resolved fluorescence sensor for VEGF165 based on Mn-doped ZnS quantum dots. <i>Biosensors and Bioelectronics</i> , 2015, 74, 1053-1060.	10.1	45
9	Chronic inflammation up-regulates P-gp in peripheral mononuclear blood cells via the STAT3/NF- κ B pathway in 2,4,6-trinitrobenzene sulfonic acid-induced colitis mice. <i>Scientific Reports</i> , 2015, 5, 13558.	3.3	40
10	Chemical dampening of Ly6Chi monocytes in the periphery produces anti-depressant effects in mice. <i>Scientific Reports</i> , 2016, 6, 19406.	3.3	40
11	Integrated Serum and Fecal Metabolomics Study of Collagen-Induced Arthritis Rats and the Therapeutic Effects of the Zushima Tablet. <i>Frontiers in Pharmacology</i> , 2018, 9, 891.	3.5	40
12	Pharmacokinetics of rosmarinic acid in rats by LC-MS/MS: absolute bioavailability and dose proportionality. <i>RSC Advances</i> , 2017, 7, 9057-9063.	3.6	37
13	Influence of sulfur fumigation on the chemical profiles of <i>Atractylodes macrocephala</i> Koidz. evaluated by UFLC-QTOF-MS combined with multivariate statistical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 141, 19-31.	2.8	33
14	<i>Euphorbia kansui</i> fry-baked with vinegar modulates gut microbiota and reduces intestinal toxicity in rats. <i>Journal of Ethnopharmacology</i> , 2018, 226, 26-35.	4.1	33
15	Preparation of osthole-polymer solid dispersions by hot-melt extrusion for dissolution and bioavailability enhancement. <i>International Journal of Pharmaceutics</i> , 2014, 465, 436-443.	5.2	31
16	A metabolomics approach to studying the effects of Jinxin oral liquid on RSV-infected mice using UPLC/LTQ-Orbitrap mass spectrometry. <i>Journal of Ethnopharmacology</i> , 2015, 174, 25-36.	4.1	31
17	Fluorescent ligand fishing combination with in-situ imaging and characterizing to screen Hsp 90 inhibitors from <i>Curcuma longa</i> L. based on InP/ZnS quantum dots embedded mesoporous nanoparticles. <i>Talanta</i> , 2018, 178, 258-267.	5.5	30
18	Gut microbiota in the pharmacokinetics and colonic deglycosylation metabolism of ginsenoside Rb1 in rats: Contrary effects of antimicrobials treatment and restraint stress. <i>Chemico-Biological Interactions</i> , 2016, 258, 187-196.	4.0	29

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19	Total Flavonoids of Glycyrrhiza uralensis Alleviates Irinotecan-Induced Colitis via Modification of Gut Microbiota and Fecal Metabolism. <i>Frontiers in Immunology</i> , 2021, 12, 628358.	4.8	29
20	Thinking outside the brain for cognitive improvement: Is peripheral immunomodulation on the way?. <i>Neuropharmacology</i> , 2015, 96, 94-104.	4.1	27
21	The dosage-toxicity-efficacy relationship of kansui and licorice in malignant pleural effusion rats based on factor analysis. <i>Journal of Ethnopharmacology</i> , 2016, 186, 251-256.	4.1	24
22	Pharmacokinetic Comparison of Seven Major Bio-Active Components in Normal and Blood Stasis Rats after Oral Administration of Herb Pair Danggui-Honghua by UPLC-TQ/MS. <i>Molecules</i> , 2017, 22, 1746.	3.8	24
23	Effects of Gancao on pharmacokinetic profiles of platycodin D and deapio-platycodin D in Jiegeng. <i>Journal of Ethnopharmacology</i> , 2015, 170, 50-56.	4.1	23
24	Influence of Jiegeng on Pharmacokinetic Properties of Flavonoids and Saponins in Gancao. <i>Molecules</i> , 2017, 22, 1587.	3.8	22
25	Gas chromatography-mass spectrometry based plasma metabolomics of H1N1-induced inflammation in mice and intervention with Flos Loniceræ Japonica-Fructus Forsythiæ herb pair. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1092, 122-130.	2.3	22
26	Development and application of a comprehensive lipidomic analysis to investigate Tripterygium wilfordii-induced liver injury. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4341-4355.	3.7	20
27	Studies of the Anti-amnesic Effects and Mechanisms of Single and Combined Use of Donepezil and Ginkgo Ketoester Tablet on Scopolamine-Induced Memory Impairment in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.	4.0	19
28	Lipid profile perturbations in the plasma and lungs of mice with LPS-induced acute lung injury revealed by UHPLC-ESI-Q Exactive HF MS analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 162, 242-248.	2.8	18
29	Comparative metabolomics analysis for the compatibility and incompatibility of kansui and licorice with different ratios by UHPLC-QTOF/MS and multivariate data analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1057, 40-45.	2.3	16
30	Jinxin oral liquid inhibits human respiratory syncytial virus-induced excessive inflammation associated with blockade of the NLRP3/ASC/Caspase-1 pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1376-1383.	5.6	16
31	Simultaneous Quantification of Ten Active Components in Traditional Chinese Formula Sijunzi Decoction Using a UPLC-PDA Method. <i>Journal of Analytical Methods in Chemistry</i> , 2014, 2014, 1-8.	1.6	14
32	A rapid and sensitive LC-MS/MS method for the determination of osthole in rat plasma: application to pharmacokinetic study. <i>Biomedical Chromatography</i> , 2013, 27, 676-680.	1.7	13
33	Screening and identification of ligand-protein interactions using functionalized heat shock protein 90-fluorescent mesoporous silica-indium phosphide/zinc sulfide quantum dot nanocomposites. <i>Journal of Chromatography A</i> , 2018, 1562, 1-11.	3.7	13
34	Identification of the absorbed components and metabolites of Xiao-Ai-Jie-Du decoction and their distribution in rats using ultra high-performance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 179, 112984.	2.8	13
35	Pharmacokinetics, intestinal absorption and microbial metabolism of single platycodin D in comparison to Platycodi radix extract. <i>Pharmacognosy Magazine</i> , 2015, 11, 750.	0.6	12
36	The effects of Glycyrrhizae uralensis and its major bioactive components on pharmacokinetics of daphnetin in Cortex daphnes in rats. <i>Journal of Ethnopharmacology</i> , 2014, 154, 584-592.	4.1	11

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37	LC-Q-TOF/MS-oriented systemic metabolism study of pedunculoside with in vitro and in vivo biotransformation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 175, 112762.	2.8	11
38	Gut microbiota-mediated deglycosylation of ginsenoside Rb ₁ in rats: in vitro and in vivo insights from quantitative ultra-performance liquid chromatography-mass spectrometry analysis. <i>Analytical Methods</i> , 2015, 7, 6173-6181.	2.7	10
39	Layer-by-layer functionalized porous Zinc sulfide nanospheres-based solid-phase extraction combined with liquid chromatography time-of-flight/mass and gas chromatography-mass spectrometry for the specific enrichment and identification of alkaloids from <i>Crinum asiaticum</i> var. <i>sinicum</i> . <i>Analytica Chimica Acta</i> , 2016, 932, 60-68.	5.4	10
40	Novel computer-assisted separation prediction strategy for online-enrichment-HPLC-FLD in simultaneous monitoring of bisphenols in children's water bottles. <i>Food Chemistry</i> , 2021, 339, 127766.	8.2	10
41	Characterization of the chemical constituents and in vivo metabolic profile of <i>Scutellaria barbata</i> D. Don by ultra high performance liquid chromatography with high-resolution mass spectrometry. <i>Journal of Separation Science</i> , 2022, 45, 1600-1609.	2.5	10
42	Specific enrichment combined with highly efficient solid-phase tagging for the sensitive detection of heparin based on boronic acid-functionalized mesoporous silica nanospheres. <i>Chemical Communications</i> , 2016, 52, 11779-11782.	4.1	8
43	A Comparative Pharmacokinetic Study by UHPLC-MS/MS of Main Active Compounds after Oral Administration of Zushima-Gancao Extract in Normal and Adjuvant-Induced Arthritis Rats. <i>Molecules</i> , 2018, 23, 227.	3.8	8
44	Kansuiphorin C and Kansuinin A ameliorate malignant ascites by modulating gut microbiota and related metabolic functions. <i>Journal of Ethnopharmacology</i> , 2020, 249, 112423.	4.1	7
45	Hybrid Poly(AMPS- <i>g</i> -CS)-Au Microneedle Arrays to Enrich Metabolites from Skin for Early Disease Diagnosis. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100764.	7.6	7
46	pH-responsive drug release from porous zinc sulfide nanospheres based on coordination bonding. <i>RSC Advances</i> , 2014, 4, 33391-33398.	3.6	6
47	Comparison of the short-chain fatty acids in normal rat faeces after the treatment of <i>Euphorbia kansui</i> , a traditional Chinese medicine for edoema. <i>Pharmaceutical Biology</i> , 2020, 58, 367-373.	2.9	6
48	Cost-effectiveness analyses of targeted therapy and immunotherapy for advanced non-small cell lung cancer in the United States: a systematic review. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2021, 21, 381-393.	1.4	6
49	A selective HPLC-MS/MS method for quantification of SND-117 in rat plasma and its application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1052, 60-65.	2.3	5
50	Simultaneous determination of sulfur compounds from the sulfur pathway in rat plasma by liquid chromatography tandem mass spectrometry: application to the study of the effect of Shao Fu Zhu Yu decoction. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3743-3755.	3.7	4
51	Diverse role of gut microbiota on reduction of ascites and intestinal injury in malignant ascites effusion rats treated with <i>Euphorbia kansui</i> stir-fried with vinegar. <i>Journal of Ethnopharmacology</i> , 2021, 267, 113489.	4.1	4
52	Comparative pharmacokinetic study of pyranocoumarins and khellactone in normal and acute lung injury rats after oral administration of <i>Peucedanum praeruptorum</i> Dunn extracts using a rapid and sensitive liquid chromatography-tandem mass spectrometry method. <i>Biomedical Chromatography</i> , 2017, 31, e3977.	1.7	3
53	Sulfotransferase-catalyzed biotransformation of liguzinediol and comparison of its metabolism in different species using UFLC-QTOF-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1089, 1-7.	2.3	3
54	Determination of sparsolonin B by ultra-high performance liquid chromatography coupled with triple quadrupole mass spectrometry: application to pharmacokinetic study of sparsolonin B in rat plasma. <i>Biomedical Chromatography</i> , 2015, 29, 1486-1491.	1.7	2

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55	Carboxylesterase and UDP-glucuronosyltransferases mediated metabolism of irinotecan: <i>in vitro</i> and <i>in vivo</i> insights from quantitative ultra-performance liquid chromatography-mass spectrometry analysis. <i>Biomedical Chromatography</i> , 2018, 32, e4320.	1.7	2
56	Systematic identification of the main constituents from <i>Agrimonia pilosa</i> Ledeb. and their metabolites in rats using HPLC-Q-TOF-MS/MS. <i>Planta Medica</i> , 2022, , .	1.3	2
57	New bitongling (NBTL) ameliorates rheumatoid arthritis in rats through inhibiting JAK2/STAT3 signaling pathway. <i>European Journal of Histochemistry</i> , 2021, 65, .	1.5	1
58	Ilexsaponin A1: <i>In vitro</i> metabolites identification and evaluation of inhibitory drug-drug interactions. <i>Drug Metabolism and Pharmacokinetics</i> , 2021, 40, 100415.	2.2	1
59	LC-MS/MS Method Development and Validation for the Determination of Ilexsaponin A1 and Its Application in Intestinal Bacterial Metabolic Study. <i>Current Pharmaceutical Analysis</i> , 2020, 16, 774-781.	0.6	1
60	A review of Behcet's disease from the perspectives of both Western and Chinese medicine. <i>Journal of Traditional Chinese Medicine</i> , 2019, 39, 139-152.	0.2	1
61	Development of a multiple reaction monitoring (MRM) method based on high performance liquid chromatography/tandem mass spectrometry to analyze <i>in vivo</i> exposure profiles of complex herbal components independent of standards. <i>RSC Advances</i> , 2016, 6, 19357-19371.	3.6	0
62	An LC-MS/MS Method for the Pharmacokinetic and <i>In Vitro</i> Metabolism Studies of Praeruptorin A in Rat. <i>Current Pharmaceutical Analysis</i> , 2021, 17, .	0.6	0
63	Selective enrichment of microbiota-derived tryptophan metabolites in mouse faeces based on molecularly imprinted solid-phase extraction for HPLC analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 212, 114641.	2.8	0