

Shumei Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5524854/publications.pdf>

Version: 2024-02-01

55
papers

692
citations

471509

17
h-index

677142

22
g-index

55
all docs

55
docs citations

55
times ranked

787
citing authors

#	ARTICLE	IF	CITATIONS
1	An O-acetyl-glucomannan from the rhizomes of <i>Curculigo orchiooides</i> : Structural characterization and anti-osteoporosis activity in vitro. <i>Carbohydrate Polymers</i> , 2017, 174, 48-56.	10.2	40
2	Electrochemical dual signal sensing platform for the simultaneous determination of dopamine, uric acid and glucose based on copper and cerium bimetallic carbon nanocomposites. <i>Bioelectrochemistry</i> , 2021, 139, 107745.	4.6	35
3	Chemiluminescence immunoassay for cardiac troponin T by using silver nanoparticles functionalized with hemin/G-quadruplex DNAzyme on a glass chip array. <i>Mikrochimica Acta</i> , 2017, 184, 3197-3204.	5.0	33
4	Isolation, purification, characterization and bioactivities of a glucan from the root of <i>Pueraria lobata</i> . <i>Food and Function</i> , 2018, 9, 2644-2652.	4.6	31
5	¹ H NMR-based metabonomic analysis of the effect of optimized rhubarb aglycone on the plasma and urine metabolic fingerprints of focal cerebral ischemia/reperfusion rats. <i>Journal of Ethnopharmacology</i> , 2014, 154, 65-75.	4.1	30
6	Construction of a Bacteria-Metabolites-Co-Expression Network to Clarify the Anti-Ulcerative Colitis Effect of Flavonoids of <i>Sophora flavescens</i> Aiton by Regulating the Host-Microbe Interaction. <i>Frontiers in Pharmacology</i> , 2021, 12, 710052.	3.5	28
7	Simultaneous measurement of contents of liquiritin and glycyrrhizic acid in liquorice based on near infrared spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 196, 209-214.	3.9	26
8	Discrimination of Two Cultivars of <i>Alpinia officinarum</i> Hance Using an Electronic Nose and Gas Chromatography-Mass Spectrometry Coupled with Chemometrics. <i>Sensors</i> , 2019, 19, 572.	3.8	26
9	A mid-level data fusion approach for evaluating the internal and external changes determined by FT-NIR, electronic nose and colorimeter in <i>Curcumae Rhizoma</i> processing. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 188, 113387.	2.8	24
10	Integration of laminar flow extraction and capillary electrophoretic separation in one microfluidic chip for detection of plant alkaloids in blood samples. <i>Analytica Chimica Acta</i> , 2017, 985, 121-128.	5.4	22
11	¹ H NMR-based metabonomics revealed protective effect of Naodesheng bioactive extract on ischemic stroke rats. <i>Journal of Ethnopharmacology</i> , 2016, 186, 257-269.	4.1	21
12	Quality assessment of crude and processed <i>Arecae</i> semen based on colorimeter and HPLC combined with chemometrics methods. <i>Journal of Separation Science</i> , 2017, 40, 2151-2160.	2.5	21
13	LC-MS based plasma metabolomics study of the intervention effect of different polar parts of Hawthorn on hyperlipidemia rats. <i>Journal of Separation Science</i> , 2021, 44, 963-972.	2.5	21
14	NMR-Based Metabonomic Studies on Stomach Heat and Cold Syndromes and Intervention Effects of the Corresponding Formulas. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-11.	1.2	18
15	Metabolism and pharmacokinetics of alantolactone and isosalantolactone in rats: Thiol conjugation as a potential metabolic pathway. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1072, 370-378.	2.3	18
16	An integrated metabolism in vivo analysis and network pharmacology in UC rats reveal anti-ulcerative colitis effects from <i>Sophora flavescens</i> EtOAc extract. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113306.	2.8	18
17	Quality assessment of crude and processed ginger by high-performance liquid chromatography with diode array detection and mass spectrometry combined with chemometrics. <i>Journal of Separation Science</i> , 2015, 38, 2945-2952.	2.5	17
18	The pharmacokinetic screening of multiple components of the Nao Mai Tong formula in rat plasma by liquid chromatography tandem mass spectrometry combined with pattern recognition method and its application to comparative pharmacokinetics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 131, 345-354.	2.8	17

#	ARTICLE	IF	CITATIONS
19	Integrated metabolomics and network pharmacology strategy for ascertaining the quality marker of flavonoids for <i>Sophora flavescens</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113297.	2.8	15
20	A Network Pharmacology Approach Used to Estimate the Active Ingredients of Moutan Cortex Charcoal and the Potential Targets in Hemorrhagic Diseases. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 432-441.	1.4	14
21	Integrated Analysis of the Cecal Microbiome and Plasma Metabolomics to Explore NaoMaiTong and Its Potential Role in Changing the Intestinal Flora and Their Metabolites in Ischemic Stroke. <i>Frontiers in Pharmacology</i> , 2021, 12, 773722.	3.5	13
22	Anti-Inflammatory and Anti-Apoptotic Effects of Stybenpropol A on Human Umbilical Vein Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5383.	4.1	12
23	¹ H NMR-based metabolomic revealed protective effect of Moutan Cortex charcoal on blood-heat and hemorrhage rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 169, 151-158.	2.8	12
24	A successive laminar flow extraction for plant medicine preparation by microfluidic chip. <i>Microfluidics and Nanofluidics</i> , 2019, 23, 1.	2.2	12
25	A NMR-Based Metabonomics Approach to Determine Protective Effect of a Combination of Multiple Components Derived from Naodesheng on Ischemic Stroke Rats. <i>Molecules</i> , 2019, 24, 1831.	3.8	11
26	Rapid evaluation on pharmacodynamics of <i>Curcumae Rhizoma</i> based on Micro-NIR and benchtop-NIR. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 200, 114074.	2.8	11
27	Cyclo-(Phe-Tyr) as a novel cyclic dipeptide compound alleviates ischemic/reperfusion brain injury via JUNB/JNK/NF- κ B and SOX5/PI3K/AKT pathways. <i>Pharmacological Research</i> , 2022, 180, 106230.	7.1	11
28	Plasma metabolomic analysis reveals the effects of salvianic acid on alleviating acute alcoholic liver damage. <i>RSC Advances</i> , 2015, 5, 36732-36741.	3.6	10
29	Rapid quantitative detection of the discrepant compounds in differently processed <i>Curcumae Rhizoma</i> products by FT-NIR combined with VCPA-GA technology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 195, 113837.	2.8	10
30	Effects of natural dihydrochalcones in sweet tea (<i>Lithocarpus polystachyus</i>) on diabetes: a systematical review and meta-analysis of animal studies. <i>Food and Function</i> , 2022, 13, 5899-5913.	4.6	10
31	Millifluidic chip with a modular design used as a sample pretreatment cartridge for flour and flour food products. <i>Talanta</i> , 2018, 179, 719-725.	5.5	8
32	Structural characterization, anti-inflammatory and glycosidase inhibitory activities of two new polysaccharides from the root of <i>Pueraria lobata</i> . <i>RSC Advances</i> , 2021, 11, 35994-36006.	3.6	8
33	Nine absorbed components pharmacokinetic of raw and processed Moutan Cortex in normal and blood-heat and hemorrhage syndrome model rats. <i>Biomedical Chromatography</i> , 2020, 34, e4963.	1.7	7
34	LC-MS/MS-based plasma metabolomics study of the intervention effect of different polar parts of hawthorn on gastrointestinal motility disorder rats. <i>Biomedical Chromatography</i> , 2021, 35, e5076.	1.7	7
35	Carbon fiber microelectrode array loaded with the diazonium salt-single-walled carbon nanotubes composites for the simultaneous monitoring of dopamine and serotonin in vivo. <i>Analytica Chimica Acta</i> , 2021, 1186, 339086.	5.4	7
36	Simultaneous determination of multiple ginsenosides in <i>Panax ginseng</i> herbal medicines with one single reference standard. <i>Pharmacognosy Magazine</i> , 2017, 13, 84.	0.6	7

#	ARTICLE	IF	CITATIONS
37	Integrated 16S rRNA gene sequencing and LC/MS-based metabolomics ascertained synergistic influences of the combination of acupuncture and NaoMaiTong on ischemic stroke. <i>Journal of Ethnopharmacology</i> , 2022, 293, 115281.	4.1	7
38	LC“high-resolution”MS/MS analysis of chemical compounds in rat plasma after oral administration of NaoMaiTong and its individual herbs. <i>Biomedical Chromatography</i> , 2017, 31, e3920.	1.7	6
39	Identifying of Anti-Thrombin Active Components From Curcumae Rhizoma by Affinity-Ultrafiltration Coupled With UPLC-Q-Exactive Orbitrap/MS. <i>Frontiers in Pharmacology</i> , 2021, 12, 769021.	3.5	6
40	Establishment of an integrated data fusion method between the colorimeter and near-infrared spectroscopy to discriminate the stir-baked <i>Gardenia jasminoides</i> Ellis. <i>Spectroscopy Letters</i> , 2018, 51, 547-553.	1.0	5
41	Near-infrared spectroscopy to assess typhaneoside and isorhamnetin-3-O-glucoside in different processed products of pollen typhae. <i>Spectroscopy Letters</i> , 2019, 52, 423-430.	1.0	5
42	Two new phenylpropanoids from the resin of <i>Styrax tonkinensis</i> (Pierre) Craib ex Hartw. <i>Journal of Natural Medicines</i> , 2020, 74, 819-824.	2.3	4
43	iTRAQ-based quantitative proteomics and network pharmacology revealing hemostatic mechanism mediated by <i>Zingiberis Rhizome Carbonisata</i> in deficiency-cold and Hemorrhagic Syndrome rat models. <i>Chemico-Biological Interactions</i> , 2021, 343, 109465.	4.0	4
44	Quality Assessment of Different Species and Differently Prepared Slices of Zedoray Rhizome by High-Performance Liquid Chromatography and Colorimeter with the Aid of Chemometrics. <i>Journal of Analytical Methods in Chemistry</i> , 2020, 2020, 1-10.	1.6	4
45	Effect of the ethyl acetate extract of <i>Sophora flavescens</i> Aiton on diabetic retinopathy based on untargeted retinal metabolomics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1198, 123233.	2.3	4
46	Exploration and practice on systematic identification strategy of traditional Chinese medicine prescriptions by high-performance thin-layer chromatography“with Daqinjiao decoction as an example. <i>Journal of Planar Chromatography - Modern TLC</i> , 2022, 35, 103-116.	1.2	4
47	Construction of different calibration models by FTIR/ATR spectra and their application in screening of phenylketonuria. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 177, 33-40.	3.9	3
48	Developing the liquid chromatography“mass spectrometry method for simultaneously quantifying five components in rat serums after oral administration of hawthorn aqueous extracts and its application to a pharmacokinetic study. <i>Journal of Separation Science</i> , 2022, 45, 1839-1846.	2.5	3
49	Proteomic Assessment of iTRAQ-Based NaoMaiTong in the Treatment of Ischemic Stroke in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-11.	1.2	2
50	Neuroprotective effect of Naomaitong extract following focal cerebral ischemia induced by middle cerebral artery occlusion in rats. <i>Journal of Traditional Chinese Medicine</i> , 2017, 37, 333-340.	0.2	2
51	Rapid Detection of Antibody in Biological Fluids on a Bioarray Chip. <i>Analytical Letters</i> , 2019, 52, 839-851.	1.8	1
52	Efficient Detection of Limonoid From Citrus Seeds by Handheld NIR: Compared with Benchtop NIR. <i>Food Analytical Methods</i> , 2022, 15, 1909-1921.	2.6	1
53	Nonaqueous capillary electrophoresis in microchip: Influence of solvent properties on separation performance. , 2011, , .		0
54	Integrated LC-MS/MS Method and Network Pharmacology for Exploring the Mechanism of Neuroprotective Effect of Ginsenoside Rc in Oxygen-Glucose Deprivation/Reperfusion Injury. <i>Revista Brasileira De Farmacognosia</i> , 2021, 31, 207-216.	1.4	0

#	ARTICLE	IF	CITATIONS
55	Towards real time release testing of Shuxuening injection based on near infrared spectroscopy and accuracy profile. Journal of Near Infrared Spectroscopy, 0, , 096703352110618.	1.5	0