Jin Jun Shan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62 papers	635 citations	16 h-index	22 g-index
71 ext. papers	873 ext. citations	5.1 avg, IF	4.03 L-index

#	Paper	IF	Citations
62	RSV Infection in Neonatal Mice Induces Pulmonary Eosinophilia Responsible for Asthmatic Reaction.. *Frontiers in Immunology*, **2022**, 13, 817113	8.4	0
61	Reduced DMPC and PMPC in lung surfactant promote SARS-CoV-2 infection in obesity.. *Metabolism: Clinical and Experimental*, **2022**, 155181	12.7	0
60	The study of human serum metabolome on the health effects of glyphosate and early warning of potential damage.. *Chemosphere*, **2022**, 134308	8.4	0
59	Insights Gained Into the Treatment of COVID19 by Pulmonary Surfactant and Its Components.. *Frontiers in Immunology*, **2022**, 13, 842453	8.4	0
58	Revealing the mechanism of Jiegeng decoction attenuates bleomycin-induced pulmonary fibrosis via PI3K/Akt signaling pathway based on lipidomics and transcriptomics. *Phytomedicine*, **2022**, 102, 154207	6.5	0
57	Integrated Network Pharmacology and Lipidomics to Reveal the Inhibitory Effect of Qingfei Oral Liquid on Excessive Autophagy in RSV-Induced Lung Inflammation.. *Frontiers in Pharmacology*, **2021**, 12, 777689	5.6	0
56	Metabolomics-driven of relationships among kidney, bone marrow and bone of rats with postmenopausal osteoporosis.. *Bone*, **2021**, 156, 116306	4.7	1
55	Elevated monocytic myeloid-derived suppressor cells positively correlate with infection frequency in children with RRTIs. *European Journal of Immunology*, **2021**, 51, 2687-2690	6.1	0
54	Huanglong Antitussive Granule Relieves Acute Asthma Through Regulating Pulmonary Lipid Homeostasis. *Frontiers in Pharmacology*, **2021**, 12, 656756	5.6	0
53	A novel strategy based on targeted cellular metabolomics for quantitatively evaluating anti-aging effect and screening effective extracts of Erzhi Wan. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2021**, 1178, 122857	3.2	3
52	Untargeted lipidomics reveals specific lipid abnormalities in Sjögren's syndrome. *Rheumatology*, **2021**, 60, 1252-1259	3.9	1
51	Citrus alkaline extracts prevent endoplasmic reticulum stress in type II alveolar epithelial cells to ameliorate pulmonary fibrosis via the ATF3/PINK1 pathway. *Phytomedicine*, **2021**, 89, 153599	6.5	2
50	A post processing strategy to score and rank the annotation confidence of saponins in natural products by integrating MS spectral similarity and fragment interpretation. *Journal of Pharmaceutical and Biomedical Analysis*, **2021**, 204, 114291	3.5	
49	Plasma characteristic metabolites of pediatric community-acquired pneumonia in traditional Chinese medicine syndrome differentiation. *Anatomical Record*, **2021**, 304, 2579-2591	2.1	0
48	Potential Therapeutic Applications of Pulmonary Surfactant Lipids in the Host Defence Against Respiratory Viral Infections. *Frontiers in Immunology*, **2021**, 12, 730022	8.4	6
47	In-silico-library-based method enables rapid and comprehensive annotation of cardiolipins and cardiolipin oxidation products using high resolution tandem mass spectrometer. *Analytica Chimica Acta*, **2021**, 1180, 338879	6.6	1
46	The gut microbiota during the progression of atherosclerosis in the perimenopausal period shows specific compositional changes and significant correlations with circulating lipid metabolites. *Gut Microbes*, **2021**, 13, 1-27	8.8	7

45	Untargeted serum metabolomics and potential biomarkers for Sjögren's syndrome. *Clinical and Experimental Rheumatology*, **2021**, 39, 23-29	2.2	0
44	Improved the Bioavailability of Orally Administered Glycyrrhizic Acid in Rats. *Frontiers in Microbiology*, **2020**, 11, 597	5.7	8
43	Interventional effects of the direct application of "Sanse powder" on knee osteoarthritis in rats as determined from lipidomics via UPLC-Q-Exactive Orbitrap MS. *Chinese Medicine*, **2020**, 15, 9	4.7	8
42	Alisol B 23-acetate activates ABCG5/G8 in the jejunum via the LXRβ-ACAT2 pathway to relieve atherosclerosis in ovariectomized ApoE mice. *Aging*, **2020**, 12, 25744-25766	5.6	0
41	A review of saponin intervention in metabolic syndrome suggests further study on intestinal microbiota. *Pharmacological Research*, **2020**, 160, 105088	10.2	10
40	Application of untargeted lipidomics based on UHPLC-high resolution tandem MS analysis to profile the lipid metabolic disturbances in the heart of diabetic cardiomyopathy mice. *Journal of Pharmaceutical and Biomedical Analysis*, **2020**, 190, 113525	3.5	2
39	Brain Metabolomics Reveal the Antipyretic Effects of Jinxin Oral Liquid in Young Rats by Using Gas Chromatography?Mass Spectrometry. *Metabolites*, **2019**, 9,	5.6	8
38	PD-1 CD8 resident memory T cells balance immunity and fibrotic sequelae. *Science Immunology*, **2019**, 4,	28	51
37	Surfactant Lipidomics of Alveolar Lavage Fluid in Mice Based on Ultra-High-Performance Liquid Chromatography Coupled to Hybrid Quadrupole-Exactive Orbitrap Mass Spectrometry. *Metabolites* , **2019**, 9,	5.6	12
36	An optimized analytical method for cellular targeted quantification of primary metabolites in tricarboxylic acid cycle and glycolysis using gas chromatography-tandem mass spectrometry and its application in three kinds of hepatic cell lines. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 171, 171-179	3.5	9
35	Application of metabolomics in viral pneumonia treatment with traditional Chinese medicine. *Chinese Medicine*, **2019**, 14, 8	4.7	19
34	Talin promotes integrin activation accompanied by generation of tension in talin and an increase in osmotic pressure in neurite outgrowth. *FASEB Journal*, **2019**, 33, 6311-6326	0.9	8
33	Metabolomics of the amniotic fluid: Is it a feasible approach to evaluate the safety of Chinese medicine during pregnancy?. *Journal of Applied Toxicology*, **2019**, 39, 163-171	4.1	5
32	Flos Abelmoschus manihot extract attenuates DSS-induced colitis by regulating gut microbiota and Th17/Treg balance. *Biomedicine and Pharmacotherapy*, **2019**, 117, 109162	7.5	27
31	Glycyrrhizic acid improving the liver protective effect by restoring the composition of Lactobacillus. *Journal of Functional Foods*, **2019**, 52, 219-227	5.1	5
30	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. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 162, 242-248	3.5	14
29	Vector Analysis of Cytoskeletal Structural Tension and the Mechanisms that Underpin Spectrin-Related Forces in Pyroptosis. *Antioxidants and Redox Signaling*, **2019**, 30, 1503-1520	8.4	8
28	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. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 3743-3755	4.4	3

27	Bu-shen-zhu-yun decoction promotes synthesis and secretion of FSH and LH in anterior pituitary cells in vitro. *Biomedicine and Pharmacotherapy*, **2018**, 102, 494-501	7.5	3
26	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. *Molecules*, **2018**, 23,	4.8	5
25	Jinxin oral liquid inhibits human respiratory syncytial virus-induced excessive inflammation associated with blockade of the NLRP3/ASC/Caspase-1 pathway. *Biomedicine and Pharmacotherapy*, **2018**, 103, 1376-1383	7.5	9
24	High-resolution lipidomics reveals dysregulation of lipid metabolism in respiratory syncytial virus pneumonia mice.. *RSC Advances*, **2018**, 8, 29368-29377	3.7	22
23	Gas chromatography-mass spectrometry based plasma metabolomics of H1N1-induced inflammation in mice and intervention with Flos Lonicerae Japonica-Fructus Forsythiae herb pair. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2018**, 1092, 122-130	3.2	16
22	Liquid Chromatography Coupled with Linear Ion Trap Hybrid OrbitrapMass Spectrometry for Determination of Alkaloids in. *Molecules*, **2018**, 23,	4.8	9
21	Integrated Serum and Fecal Metabolomics Study of Collagen-Induced Arthritis Rats and the Therapeutic Effects of the Zushima Tablet. *Frontiers in Pharmacology*, **2018**, 9, 891	5.6	23
20	A two-step ultra-high-performance liquid chromatography-quadrupole/time of flight mass spectrometry with mass defect filtering method for rapid identification of analogues from known components of different chemical structure types in Fructus Gardeniae-Fructus Forsythiae herb	4.5	25
19	Comparative pharmacokinetic study of pyranocoumarins and khellactone in normal and acute lung injury rats after oral administration of Peucedanum praeruptorum Dunn extracts using a rapid and sensitive liquid chromatography-tandem mass spectrometry method. *Biomedical Chromatography*, **2017**, 31, e3977	1.7	1
18	Antisense oligonucleotide and thyroid hormone conjugates for obesity treatment. *Scientific Reports* , **2017**, 7, 9307	4.9	11
17	Suppressive Effect of Ginsenoside Rg3 against Lipopolysaccharide-Induced Depression-Like Behavior and Neuroinflammation in Mice. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 6861-6869	5.7	55
16	Study on the Rationality for Antiviral Activity of Flos Lonicerae Japonicae-Fructus Forsythiae Herb Chito-Oligosaccharide via Integral Pharmacokinetics. *Molecules*, **2017**, 22,	4.8	15
15	Influence of Jiegeng on Pharmacokinetic Properties of Flavonoids and Saponins in Gancao. *Molecules*, **2017**, 22,	4.8	10
14	Gut microbiota in the pharmacokinetics and colonic deglycosylation metabolism of ginsenoside Rb1 in rats: Contrary effects of antimicrobials treatment and restraint stress. *Chemico-Biological Interactions*, **2016**, 258, 187-96	5	19
13	Development of a multiple reaction monitoring (MRM) method based on high performance liquid chromatography/tandem mass spectrometry to analyze in vivo exposure profiles of complex herbal components independent of standards. *RSC Advances*, **2016**, 6, 19357-19371	3.7	
12	Application of Traditional Chinese Medical Herbs in Prevention and Treatment of Respiratory Syncytial Virus. *Evidence-based Complementary and Alternative Medicine*, **2016**, 2016, 6082729	2.3	17
11	Metabolomics of the Antipyretic Effects of Bubali Cornu (Water Buffalo Horn) in Rats. *PLoS ONE*, **2016**, 11, e0158478	3.7	9
10	Development and application of a comprehensive lipidomic analysis to investigate Tripterygium wilfordii-induced liver injury. *Analytical and Bioanalytical Chemistry*, **2016**, 408, 4341-55	4.4	16

9	Simultaneous determination of seven catechins in rat plasma by ultra-high performance liquid chromatography tandem mass spectrometry and its application to a pharmacokinetics study. *Analytical Methods*, **2015**, 7, 9415-9420	3.2	4
8	Discovery and Current Status of Evaluation System of Bioavailability and Related Pharmaceutical Technologies for Traditional Chinese Medicines--Flos Lonicerae Japonicae--Fructus Forsythiae Herb Couples as an Example. *International Journal of Molecular Sciences*, **2015**, 16, 28812-40	6.3	7
7	Pharmacokinetics screening for multi-components absorbed in the rat plasma after oral administration of traditional Chinese medicine Flos Lonicerae Japonicae-Fructus Forsythiae herb couple by sequential negative and positive ionization ultra-high-performance liquid chromatography/tandem triple quadrupole mass spectrometric detection. *Journal of Chromatography A*, **2015**, 1376, 145-57	4.5	33
6	Simultaneous determination of twenty-six components of Flos Lonicerae japonicae-Fructus Forsythiae herb couple using UPLC-ESI-MS/MS: application to its preparations. *Analytical Methods*, **2015**, 7, 1425-1437	3.2	11
5	Pharmacokinetics, intestinal absorption and microbial metabolism of single platycodin D in comparison to Platycodi radix extract. *Pharmacognosy Magazine*, **2015**, 11, 750-5	0.8	10
4	Preparation of osthole-polymer solid dispersions by hot-melt extrusion for dissolution and bioavailability enhancement. *International Journal of Pharmaceutics*, **2014**, 465, 436-43	6.5	27
3	Effect of chito-oligosaccharide on the intestinal absorptions of phenylethanoid glycosides in Fructus Forsythiae extract. *Phytomedicine*, **2014**, 21, 1549-58	6.5	20
2	Simultaneous determination of caffeic acid derivatives by UPLC-MS/MS in rat plasma and its application in pharmacokinetic study after oral administration of Flos Lonicerae-Fructus Forsythiae herb combination. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2014**, 949-950, 7-15	3.2	19
1	Effect of chito-oligosaccharide on the oral absorptions of phenolic acids of Flos Lonicerae extract. *Phytomedicine*, **2014**, 21, 184-94	6.5	19