

# Jia Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

1,985  
citations

279487

23  
h-index

264894

42  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2478  
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of Nrf2/HO-1 signaling: An important molecular mechanism of herbal medicine in the treatment of atherosclerosis via the protection of vascular endothelial cells from oxidative stress. <i>Journal of Advanced Research</i> , 2021, 34, 43-63.	4.4	248
2	Dual-stimuli responsive hyaluronic acid-conjugated mesoporous silica for targeted delivery to CD44-overexpressing cancer cells. <i>Acta Biomaterialia</i> , 2015, 23, 147-156.	4.1	196
3	Suppression of apoptosis in vascular endothelial cell, the promising way for natural medicines to treat atherosclerosis. <i>Pharmacological Research</i> , 2021, 168, 105599.	3.1	114
4	E3 ubiquitin ligases in cancer and implications for therapies. <i>Cancer and Metastasis Reviews</i> , 2017, 36, 683-702.	2.7	103
5	Apoptosis Induction of Fibroblast-Like Synoviocytes Is an Important Molecular-Mechanism for Herbal Medicine along with its Active Components in Treating Rheumatoid Arthritis. <i>Biomolecules</i> , 2019, 9, 795.	1.8	97
6	Potential clinical application of lncRNAs in non-small cell lung cancer. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 8045-8052.	1.0	79
7	Guizhi-Shaoyao-Zhimu decoction possesses anti-arthritis effects on type II collagen-induced arthritis in rats via suppression of inflammatory reactions, inhibition of invasion & migration and induction of apoptosis in synovial fibroblasts. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109367.	2.5	75
8	MEF2 signaling and human diseases. <i>Oncotarget</i> , 2017, 8, 112152-112165.	0.8	59
9	Role of long non-coding RNA in drug resistance in non-small cell lung cancer. <i>Thoracic Cancer</i> , 2018, 9, 761-768.	0.8	55
10	Tumor-targeting novel manganese complex induces ROS-mediated apoptotic and autophagic cancer cell death. <i>International Journal of Molecular Medicine</i> , 2015, 35, 607-616.	1.8	53
11	Hollow mesoporous silica as a high drug loading carrier for regulation insoluble drug release. <i>International Journal of Pharmaceutics</i> , 2016, 510, 184-194.	2.6	53
12	Circular RNAs: Crucial regulators in the human body (Review). <i>Oncology Reports</i> , 2018, 40, 3119-3135.	1.2	47
13	hsa_circ_0000729, a potential prognostic biomarker in lung adenocarcinoma. <i>Thoracic Cancer</i> , 2018, 9, 924-930.	0.8	46
14	The traditional uses, phytochemistry, pharmacology and toxicology of <i>Cinnamomi ramulus</i> : a review. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 319-342.	1.2	41
15	Current status and development of anti-PD-1/PD-L1 immunotherapy for lung cancer. <i>International Immunopharmacology</i> , 2020, 79, 106088.	1.7	39
16	Berberine: A Review of its Pharmacokinetics Properties and Therapeutic Potentials in Diverse Vascular Diseases. <i>Frontiers in Pharmacology</i> , 2021, 12, 762654.	1.6	39
17	The regulatory roles of dietary fibers on host health via gut microbiota-derived short chain fatty acids. <i>Current Opinion in Pharmacology</i> , 2022, 62, 36-42.	1.7	35
18	In vivo evaluation of novel chitosan graft polymeric micelles for delivery of paclitaxel. <i>Drug Delivery</i> , 2011, 18, 181-189.	2.5	33

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19	Chimeric antigen receptor (CAR)-modified NK cells against cancer: Opportunities and challenges. <i>International Immunopharmacology</i> , 2019, 74, 105695.	1.7	33
20	A Network Pharmacology Approach to Investigate the Anticancer Mechanism and Potential Active Ingredients of <i>Rheum palmatum</i> L. Against Lung Cancer via Induction of Apoptosis. <i>Frontiers in Pharmacology</i> , 2020, 11, 528308.	1.6	32
21	Overexpression of long non-coding RNA KCNQ1OT1 is related to good prognosis via inhibiting cell proliferation in non-small cell lung cancer. <i>Thoracic Cancer</i> , 2018, 9, 523-531.	0.8	31
22	Hydroxy- <i>Î±</i> -sanshool Possesses Protective Potentials on H <sub>2</sub> O <sub>2</sub> -Stimulated PC12 Cells by Suppression of Oxidative Stress-Induced Apoptosis through Regulation of PI3K/Akt Signal Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	29
23	Differential protein-coding gene and long noncoding RNA expression in smoking-related lung squamous cell carcinoma. <i>Thoracic Cancer</i> , 2017, 8, 672-681.	0.8	27
24	Transcriptomic analysis of key genes involved in chlorogenic acid biosynthetic pathway and characterization of MaHCT from <i>Morus alba</i> L. <i>Protein Expression and Purification</i> , 2019, 156, 25-35.	0.6	25
25	A novel multi-walled carbon nanotube-based antibody conjugate for quantitative and semi-quantitative lateral flow assays. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 1874-1882.	0.6	23
26	Identification of the Active Constituents and Significant Pathways of Guizhi-Shaoyao-Zhimu Decoction for the Treatment of Diabetes Mellitus Based on Molecular Docking and Network Pharmacology. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2020, 22, 584-598.	0.6	22
27	Chimeric antigen receptor T cell therapy and other therapeutics for malignancies: Combination and opportunity. <i>International Immunopharmacology</i> , 2019, 70, 498-503.	1.7	21
28	Anti-proliferation and anti-migration effects of an aqueous extract of <i>Cinnamomi ramulus</i> on MH7A rheumatoid arthritis-derived fibroblast-like synoviocytes through induction of apoptosis, cell arrest and suppression of matrix metalloproteinase. <i>Pharmaceutical Biology</i> , 2020, 58, 863-877.	1.3	21
29	Processing methods and mechanisms for alkaloid-rich Chinese herbal medicines: A review. <i>Journal of Integrative Medicine</i> , 2021, 19, 89-103.	1.4	21
30	Synthesis and Biological Evaluation of 1-Benzylidene-3,4-dihydronaphthalen-2-one as a New Class of Microtubule-Targeting Agents. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 5720-5733.	2.9	19
31	Circular RNA In Invasive and Recurrent Clinical Nonfunctioning Pituitary Adenomas: Expression Profiles and Bioinformatic Analysis. <i>World Neurosurgery</i> , 2018, 117, e371-e386.	0.7	19
32	Isolation and identification of anti-tumor polysaccharide LSP21 from <i>Limonium sinense</i> (Girard) Kuntze. <i>International Journal of Biological Macromolecules</i> , 2014, 70, 138-142.	3.6	17
33	Ethyl acetate extract of Tibetan medicine <i>Rhamnella gilgitica</i> ameliorated type II collagen-induced arthritis in rats via regulating JAK-STAT signaling pathway. <i>Journal of Ethnopharmacology</i> , 2021, 267, 113514.	2.0	17
34	A rapid analysis of piroxicam in beagle plasma applying evaporation-free liquid-liquid extraction by supercritical fluid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1100-1101, 93-99.	1.2	15
35	HIF-1 $\alpha$ is a Potential Molecular Target for Herbal Medicine to Treat Diseases. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 4915-4949.	2.0	15
36	A Eu <sup>3+</sup> /Gd <sup>3+</sup> -EDTA-doped structurally controllable hollow mesoporous carbon for improving the oral bioavailability of insoluble drugs and in vivo tracing. <i>Nanotechnology</i> , 2016, 27, 315101.	1.3	14

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37	AMPK/AS160 mediates tiliroside derivatives-stimulated GLUT4 translocation in muscle cells. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 1581-1587.	2.0	14
38	A geometric pore adsorption model for predicting the drug loading capacity of insoluble drugs in mesoporous carbon. <i>International Journal of Pharmaceutics</i> , 2015, 485, 25-30.	2.6	13
39	A lateral flow strip based on gold nanoparticles to detect 6-monoacetylmorphine in oral fluid. <i>Royal Society Open Science</i> , 2018, 5, 180288.	1.1	11
40	Identification of potential therapeutic targets of deer antler extract on bone regulation based on serum proteomic analysis. <i>Molecular Biology Reports</i> , 2019, 46, 4861-4872.	1.0	11
41	Inducing Apoptosis and Suppressing Inflammatory Reactions in Synovial Fibroblasts are Two Important Ways for Guizhi-Shaoyao-Zhimu Decoction Against Rheumatoid Arthritis. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 217-236.	1.6	11
42	Polydatin: A Critical Promising Natural Agent for Liver Protection via Antioxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	1.9	11
43	Polygonum cuspidatum Extract Exerts Antihyperlipidemic Effects by Regulation of PI3K/AKT/FOXO3 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	1.9	10
44	ACTG1 and TLR3 are biomarkers for alcohol-associated hepatocellular carcinoma. <i>Oncology Letters</i> , 2018, 17, 1714-1722.	0.8	9
45	Antiepileptic Effects of Cicadae Periostracum on Mice and Its Antiapoptotic Effects in H2O2-Stimulated PC12 Cells via Regulation of PI3K/Akt/Nrf2 Signaling Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-19.	1.9	8
46	Coupling HDAC4 with transcriptional factor MEF2D abrogates SPRY4-mediated suppression of ERK activation and elicits hepatocellular carcinoma drug resistance. <i>Cancer Letters</i> , 2021, 520, 243-254.	3.2	8
47	A hydrogel based on nanocellulose/polydopamine/gelatin used for the treatment of MRSA infected wounds with broad-spectrum antibacterial and antioxidant properties and tissue suitability. <i>Biomaterials Science</i> , 2022, 10, 3174-3187.	2.6	8
48	Efficacy and tolerability of Guizhi-Shaoyao-Zhimu decoction in gout patients: a systematic review and Meta-analysis. <i>Pharmaceutical Biology</i> , 2020, 58, 1032-1043.	1.3	7
49	FL118, a novel survivin inhibitor, wins the battle against drug-resistant and metastatic lung cancers through inhibition of cancer stem cell-like properties. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 3676-3686.	0.0	7
50	An Integrated Approach Based on Network Analysis Combined With Experimental Verification Reveals PI3K/Akt/Nrf2 Signaling Is an Important Way for the Anti-Myocardial Ischemia Activity of Yi-Qi-Tong-Luo Capsule. <i>Frontiers in Pharmacology</i> , 2022, 13, 794528.	1.6	6
51	Preparation and application of teicoplanin functionalized polymeric monolith for enantioseparation of chiral drugs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 182, 113129.	1.4	5
52	Identification of differentially expressed protein-coding genes in lung adenocarcinomas. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 1103-1111.	0.8	5
53	An Integrated Approach Based on Network Pharmacology Combined with Experimental Verification Reveals AMPK/PI3K/Akt Signaling is an Important Way for the Anti-Type 2 Diabetic Activity of Silkworm Excrement. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 601-616.	1.1	4
54	Network Pharmacology and Molecular Docking Approaches to Investigating the Mechanism of Action of Zanthoxylum bungeanum in the Treatment of Oxidative Stress-induced Diseases. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 1754-1768.	0.6	4

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55	Bioinformatics analysis of BUB1 expression and gene regulation network in lung adenocarcinoma. <i>Translational Cancer Research</i> , 2020, 9, 4820-4833.	0.4	4
56	Health benefits of spices in individuals with chemotherapeutic drug-induced cardiotoxicity. <i>Current Opinion in Pharmacology</i> , 2022, 63, 102187.	1.7	4
57	Synthesis and Antimetastatic Effect of E-salignone. <i>Chemistry of Natural Compounds</i> , 2014, 50, 697-701.	0.2	3
58	Design, Synthesis and Biological Evaluation of 1,4-Disubstituted-3,4-dihydroisoquinoline Compounds as New Tubulin Polymerization Inhibitors. <i>International Journal of Molecular Sciences</i> , 2015, 16, 10173-10184.	1.8	3
59	Deciphering the potential pharmaceutical mechanism of Guzhi Zengsheng Zhitongwan on rat bone and kidney based on the "kidney governing bone" theory. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 146.	0.9	3
60	Crystal Structure of (Z)-(.+.)-2-(3,5-dimethoxyphenyl)-4-(4-methoxybenzylidene)tetrahydrofuran-3-carboxylic Acid. <i>X-ray Structure Analysis Online</i> , 2009, 25, 77-78.	0.1	1
61	Identification of key protein-coding genes in lung adenocarcinomas based on bioinformatic analysis. <i>Translational Cancer Research</i> , 2019, 8, 2829-2840.	0.4	1
62	A narrative review of critical factors for better efficacy of CD19 chimeric antigen receptor T cell therapy in the treatment of B cell malignancies. <i>Translational Cancer Research</i> , 2020, 9, 5655-5662.	0.4	1