

# Jian-Dong Jiang

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

3,525  
citations

257357

24  
h-index

189801

50  
g-index

50  
all docs

50  
docs citations

50  
times ranked

4053  
citing authors

#	ARTICLE	IF	CITATIONS
1	Berberine is a novel cholesterol-lowering drug working through a unique mechanism distinct from statins. <i>Nature Medicine</i> , 2004, 10, 1344-1351.	15.2	1,200
2	Berberine reduces insulin resistance through protein kinase C $\alpha$ -dependent up-regulation of insulin receptor expression. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 109-119.	1.5	224
3	Transforming berberine into its intestine-absorbable form by the gut microbiota. <i>Scientific Reports</i> , 2015, 5, 12155.	1.6	190
4	Tissue Distribution of Berberine and Its Metabolites after Oral Administration in Rats. <i>PLoS ONE</i> , 2013, 8, e77969.	1.1	182
5	Extracellular Signal-Regulated Kinase $\alpha$ -Dependent Stabilization of Hepatic Low-Density Lipoprotein Receptor mRNA by Herbal Medicine Berberine. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 2170-2176.	1.1	166
6	Berberine-induced bioactive metabolites of the gut microbiota improve energy metabolism. <i>Metabolism: Clinical and Experimental</i> , 2017, 70, 72-84.	1.5	147
7	Oral berberine improves brain dopa/dopamine levels to ameliorate Parkinson $\alpha$ 's disease by regulating gut microbiota. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 77.	7.1	119
8	Chlorogenic acid inhibits glioblastoma growth through repolarizing macrophage from M2 to M1 phenotype. <i>Scientific Reports</i> , 2017, 7, 39011.	1.6	108
9	Gut Microbiota-Mediated Personalized Treatment of Hyperlipidemia Using Berberine. <i>Theranostics</i> , 2017, 7, 2443-2451.	4.6	106
10	Learning from berberine: Treating chronic diseases through multiple targets. <i>Science China Life Sciences</i> , 2015, 58, 854-859.	2.3	93
11	Azvidine is a thymus-homing anti-SARS-CoV-2 drug effective in treating COVID-19 patients. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 414.	7.1	91
12	Berberine attenuates choline-induced atherosclerosis by inhibiting trimethylamine and trimethylamine-N-oxide production via manipulating the gut microbiome. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 36.	2.9	81
13	Luteolin decreases the yield of influenza A virus in vitro by interfering with the coat protein I complex expression. <i>Journal of Natural Medicines</i> , 2019, 73, 487-496.	1.1	74
14	Berberine inhibits enterovirus 71 replication by downregulating the MEK/ERK signaling pathway and autophagy. <i>Virology Journal</i> , 2017, 14, 2.	1.4	64
15	Gut Microbiota-Regulated Pharmacokinetics of Berberine and Active Metabolites in Beagle Dogs After Oral Administration. <i>Frontiers in Pharmacology</i> , 2018, 9, 214.	1.6	53
16	Glucosylated caffeoylquinic acid derivatives from the flower buds of <i>Lonicera japonica</i> . <i>Acta Pharmaceutica Sinica B</i> , 2015, 5, 210-214.	5.7	50
17	Formononetin inhibits enterovirus 71 replication by regulating COX-2/PGE2 expression. <i>Virology Journal</i> , 2015, 12, 35.	1.4	49
18	Indole alkaloid sulfonic acids from an aqueous extract of <i>Isatis indigotica</i> roots and their antiviral activity. <i>Acta Pharmaceutica Sinica B</i> , 2017, 7, 334-341.	5.7	44

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19	Berberine Directly Targets the NEK7 Protein to Block the NEK7â€NLRP3 Interaction and Exert Anti-inflammatory Activity. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 768-781.	2.9	42
20	Morinda officinalis oligosaccharides increase serotonin in the brain and ameliorate depression via promoting 5-hydroxytryptophan production in the gut microbiota. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 3298-3312.	5.7	33
21	Aromatic compounds from an aqueous extract of â€œban lan genâ€and their antiviral activities. <i>Acta Pharmaceutica Sinica B</i> , 2017, 7, 179-184.	5.7	28
22	Identification and characterization of Zika virus NS5 RNA-dependent RNA polymerase inhibitors. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 502-506.	1.1	28
23	Identification of an anti-Gram-negative bacteria agent disrupting the interaction between lipopolysaccharide transporters LptA and LptC. <i>International Journal of Antimicrobial Agents</i> , 2019, 53, 442-448.	1.1	27
24	Hypericin enhances Î²-lactam antibiotics activity by inhibiting sarA expression in methicillin-resistant <i>Staphylococcus aureus</i> . <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 1174-1182.	5.7	26
25	Functional nano-vector boost anti-atherosclerosis efficacy of berberine in Apoe() mice. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1769-1783.	5.7	26
26	Identification of an anti-TB compound targeting the tyrosyl-tRNA synthetase. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2287-2294.	1.3	24
27	Daphnetin: A Novel Anti-Helicobacter pylori Agent. <i>International Journal of Molecular Sciences</i> , 2019, 20, 850.	1.8	24
28	Identification of anti-tuberculosis agents that target the cell-division protein FtsZ. <i>Journal of Antibiotics</i> , 2014, 67, 671-676.	1.0	23
29	Identification and Characterization of Zika Virus NS5 Methyltransferase Inhibitors. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 665379.	1.8	23
30	Novel <i>N</i> -Benzenesulfonyl Sophocarpinol Derivatives as Coxsackie B Virus Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 183-186.	1.3	21
31	mTOR-dependent upregulation of xCT blocks melanin synthesis and promotes tumorigenesis. <i>Cell Death and Differentiation</i> , 2019, 26, 2015-2028.	5.0	20
32	Polycyclic polyprenylated acylphloroglucinol derivatives from <i>Hypericum scabrum</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4932-4936.	1.0	19
33	APOBEC3G is a restriction factor of EV71 and mediator of IMB-Z antiviral activity. <i>Antiviral Research</i> , 2019, 165, 23-33.	1.9	18
34	Identification of TB-E12 as a novel FtsZ inhibitor with anti-tuberculosis activity. <i>Tuberculosis</i> , 2018, 110, 79-85.	0.8	11
35	Three new lignan glucosides from the roots of <i>Scutellaria baicalensis</i> . <i>Acta Pharmaceutica Sinica B</i> , 2016, 6, 229-233.	5.7	10
36	The human gut microbiome â€ a new and exciting avenue in cardiovascular drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 1037-1052.	2.5	10

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37	Repurposing clinical drugs is a promising strategy to discover drugs against Zika virus infection. <i>Frontiers of Medicine</i> , 2021, 15, 404-415.	1.5	9
38	Biotransformation of Timosaponin BII into Seven Characteristic Metabolites by the Gut Microbiota. <i>Molecules</i> , 2021, 26, 3861.	1.7	8
39	Chemical constituents of <i>Psidium guajava</i> leaves and their antibacterial activity. <i>Phytochemistry</i> , 2021, 186, 112746.	1.4	8
40	Berberine and Its Main Metabolite Berberrubine Inhibit Platelet Activation Through Suppressing the Class I PI3K $\beta$ /Rasa3/Rap1 Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 734603.	1.6	8
41	Optimization and SAR research at the piperazine and phenyl rings of JNJ4796 as new anti-influenza A virus agents, part 1. <i>European Journal of Medicinal Chemistry</i> , 2021, 222, 113591.	2.6	7
42	Identification of (6S)-cyclopropyl-6,7-dihydropyrazolo[1,5-a]pyrazine-5(4H)-carboxamines as new HBV capsid assembly modulators. <i>European Journal of Medicinal Chemistry</i> , 2022, 228, 113974.	2.6	7
43	DNA recognition patterns of the multi-zinc-finger protein CTCF: a mutagenesis study. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 900-908.	5.7	6
44	A novel benzo-heterocyclic amine derivative N30 inhibits influenza virus replication by depression of Inosine-5 $\alpha$ -Monophosphate Dehydrogenase activity. <i>Virology Journal</i> , 2017, 14, 55.	1.4	5
45	Caution the arrhythmia association with antibody-drug conjugates: a pharmacovigilance study. <i>Anti-Cancer Drugs</i> , 2022, 33, e228-e234.	0.7	3
46	Immune Checkpoint Inhibitor-Associated Tumor Lysis Syndrome: A Real-World Pharmacovigilance Study. <i>Frontiers in Pharmacology</i> , 2021, 12, 679207.	1.6	3
47	Enteral nutrition bibliometry from 2010 to 2019. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2020, 29, 681-689.	0.3	3
48	Metabolites Analysis of Anti-Myocardial Ischemia Active Components of <i>Saussurea involucreata</i> Based on Gut Microbiota-Drug Interaction. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7457.	1.8	2
49	Polycyclic polyprenylated acylphloroglucinol derivatives from <i>Hypericum pseudohenryi</i> . <i>Phytochemistry</i> , 2021, 187, 112761.	1.4	1
50	Treating chronic diseases by regulating the gut microbiota. <i>Engineering</i> , 2021, , .	3.2	1