

Jian-Dong Jiang

List of Publications by Year in descending order

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75
papers

3,120
citations

172207

29
h-index

168136

53
g-index

75
all docs

75
docs citations

75
times ranked

6736
citing authors

#	ARTICLE	IF	CITATIONS
1	Berberine lowers blood glucose in type 2 diabetes mellitus patients through increasing insulin receptor expression. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 285-292.	1.5	356
2	Berberine reduces insulin resistance through protein kinase C α -dependent up-regulation of insulin receptor expression. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 109-119.	1.5	224
3	Antioxidant and Anti-Inflammatory Activities of Berberine in the Treatment of Diabetes Mellitus. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-12.	0.5	182
4	Tissue Distribution of Berberine and Its Metabolites after Oral Administration in Rats. <i>PLoS ONE</i> , 2013, 8, e77969.	1.1	182
5	Efficacy of Berberine in Patients with Non-Alcoholic Fatty Liver Disease. <i>PLoS ONE</i> , 2015, 10, e0134172.	1.1	163
6	TRB3 links insulin/IGF to tumour promotion by interacting with p62 and impeding autophagic/proteasomal degradations. <i>Nature Communications</i> , 2015, 6, 7951.	5.8	116
7	Gastrodin Ameliorates Oxidative Stress and Proinflammatory Response in Nonalcoholic Fatty Liver Disease through the AMPK/Nrf2 Pathway. <i>Phytotherapy Research</i> , 2016, 30, 402-411.	2.8	98
8	Chlorogenic acid effectively treats cancers through induction of cancer cell differentiation. <i>Theranostics</i> , 2019, 9, 6745-6763.	4.6	98
9	STING Agonists Induce an Innate Antiviral Immune Response against Hepatitis B Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 1273-1281.	1.4	93
10	A Small-Molecule Modulator of the Tumor-Suppressor miR34a Inhibits the Growth of Hepatocellular Carcinoma. <i>Cancer Research</i> , 2014, 74, 6236-6247.	0.4	86
11	Hepatitis C: From inflammatory pathogenesis to anti-inflammatory/hepatoprotective therapy. <i>World Journal of Gastroenterology</i> , 2018, 24, 5297-5311.	1.4	76
12	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
13	Gut Microbiota-Based Pharmacokinetics and the Antidepressant Mechanism of Paeoniflorin. <i>Frontiers in Pharmacology</i> , 2019, 10, 268.	1.6	52
14	Berberine in the treatment of metabolism-related chronic diseases: A drug cloud (dCloud) effect to target multifactorial disorders. , 2020, 209, 107496.		52
15	Liver-target nanotechnology facilitates berberine to ameliorate cardio-metabolic diseases. <i>Nature Communications</i> , 2019, 10, 1981.	5.8	49
16	Synthesis and structure-activity relationship of berberine analogues in LDLR up-regulation and AMPK activation. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6552-6558.	1.4	48
17	CD36 is a co-receptor for hepatitis C virus E1 protein attachment. <i>Scientific Reports</i> , 2016, 6, 21808.	1.6	44
18	MicroRNA-mediated interactions between host and hepatitis C virus. <i>World Journal of Gastroenterology</i> , 2016, 22, 1487.	1.4	43

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19	Rupestonic acid derivative YZH-106 suppresses influenza virus replication by activation of heme oxygenase-1-mediated interferon response. <i>Free Radical Biology and Medicine</i> , 2016, 96, 347-361.	1.3	42
20	Tetrandrine Potentiates the Hypoglycemic Efficacy of Berberine by Inhibiting P-Glycoprotein Function. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 1562-1569.	0.6	41
21	Involvement of Ras GTPase-activating protein SH3 domain-binding protein 1 in the epithelial-to-mesenchymal transition-induced metastasis of breast cancer cells via the Smad signaling pathway. <i>Oncotarget</i> , 2015, 6, 17039-17053.	0.8	40
22	Indole alkaloid glucosides from the roots of <i>Isatis indigotica</i> . <i>Journal of Asian Natural Products Research</i> , 2016, 18, 1-12.	0.7	40
23	Berberine Up-Regulates Hepatic Low-Density Lipoprotein Receptor through Ras-Independent but AMP-Activated Protein Kinase-Dependent Raf-1 Activation. <i>Biological and Pharmaceutical Bulletin</i> , 2014, 37, 1766-1775.	0.6	38
24	Polydatin protects the respiratory system from PM2.5 exposure. <i>Scientific Reports</i> , 2017, 7, 40030.	1.6	37
25	Dual- σ -Stimuli-Responsive Gut Microbiota-Targeting Berberine- CS/PT -NPs Improved Metabolic Status in Obese Hamsters. <i>Advanced Functional Materials</i> , 2019, 29, 1808197.	7.8	37
26	Bioactive Sesquiterpenes and Lignans from the Fruits of <i>Xanthium sibiricum</i> . <i>Journal of Natural Products</i> , 2015, 78, 1526-1535.	1.5	34
27	heme oxygenase-1 agonist CoPP suppresses influenza virus replication through IRF3-mediated generation of IFN- λ . <i>Virology</i> , 2019, 528, 80-88.	1.1	34
28	Analgesic Mechanism of Sinomenine against Chronic Pain. <i>Pain Research and Management</i> , 2020, 2020, 1-10.	0.7	34
29	In vitro activity of recombinant lysostaphin against <i>Staphylococcus aureus</i> isolates from hospitals in Beijing, China. <i>Journal of Medical Microbiology</i> , 2007, 56, 71-76.	0.7	33
30	Synthesis and Bioactivity Investigation of the Individual Components of Cyclic Lipopeptide Antibiotics. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1845-1857.	2.9	33
31	Gastrodin Protects against Ethanol-Induced Liver Injury and Apoptosis in HepG2 Cells and Animal Models of Alcoholic Liver Disease. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 670-679.	0.6	33
32	The role of the key autophagy kinase ULK1 in hepatocellular carcinoma and its validation as a treatment target. <i>Autophagy</i> , 2020, 16, 1823-1837.	4.3	33
33	SLC9A3R1 stimulates autophagy via BECN1 stabilization in breast cancer cells. <i>Autophagy</i> , 2015, 11, 2323-2334.	4.3	31
34	Host APOBEC3G Protein Inhibits HCV Replication through Direct Binding at NS3. <i>PLoS ONE</i> , 2015, 10, e0121608.	1.1	30
35	Antiviral Spirotriscoumarins A and B: Two Pairs of Oligomeric Coumarin Enantiomers with a Spirodienone-Sesquiterpene Skeleton from <i>Toddalia asiatica</i> . <i>Organic Letters</i> , 2016, 18, 5146-5149.	2.4	30
36	Recent advances in the anti-HCV mechanisms of interferon. <i>Acta Pharmaceutica Sinica B</i> , 2014, 4, 241-247.	5.7	26

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37	Berberine Improves Glucose and Lipid Metabolism in HepG2 Cells Through AMPK \pm 1 Activation. <i>Frontiers in Pharmacology</i> , 2020, 11, 647.	1.6	26
38	Diglycosidic indole alkaloid derivatives from an aqueous extract of <i>Isatis indigotica</i> roots. <i>Journal of Asian Natural Products Research</i> , 2017, 19, 529-540.	0.7	25
39	Protein kinase D activation stimulates the transcription of the insulin receptor gene. <i>Molecular and Cellular Endocrinology</i> , 2010, 330, 25-32.	1.6	24
40	Design and Synthesis of Cajanine Analogues against Hepatitis C Virus through Down-Regulating Host Chondroitin Sulfate <i>N</i> -Acetylgalactosaminyltransferase 1. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 10268-10284.	2.9	22
41	A zebrafish model for subgenomic hepatitis C virus replication. <i>International Journal of Molecular Medicine</i> , 2015, 35, 791-797.	1.8	21
42	Dual Roles of Two Isoforms of Autophagy-related Gene ATG10 in HCV-Subgenomic replicon Mediated Autophagy Flux and Innate Immunity. <i>Scientific Reports</i> , 2017, 7, 11250.	1.6	21
43	Methylated Polycyclic Polyprenylated Acylphloroglucinol Derivatives from <i>Hypericum ascyron</i> . <i>Journal of Natural Products</i> , 2018, 81, 2348-2356.	1.5	21
44	Terpenoids from the roots of <i>Alangium chinense</i> . <i>Journal of Asian Natural Products Research</i> , 2015, 17, 1025-1038.	0.7	20
45	Myritonines A ^C , Alkaloids from <i>Myrioneuron tonkinensis</i> Based on a Novel Hexacyclic Skeleton. <i>Journal of Natural Products</i> , 2016, 79, 1203-1207.	1.5	20
46	Dual-Mode Detection of Bacterial 16S Ribosomal RNA in Tissues. <i>ACS Sensors</i> , 2020, 5, 1650-1656.	4.0	19
47	Alkaloids with Different Carbon Units from <i>Myrioneuron faberi</i> . <i>Journal of Natural Products</i> , 2015, 78, 2609-2616.	1.5	18
48	Sinomenine facilitates the efficacy of gabapentin or ligustrazine hydrochloride in animal models of neuropathic pain. <i>European Journal of Pharmacology</i> , 2019, 854, 101-108.	1.7	18
49	The Compound of Mangiferin-Berberine Salt Has Potent Activities in Modulating Lipid and Glucose Metabolisms in HepG2 Cells. <i>BioMed Research International</i> , 2016, 2016, 1-14.	0.9	17
50	In situ delivery of thermosensitive gel-mediated 5-fluorouracil microemulsion for the treatment of colorectal cancer. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 2855-2867.	2.0	16
51	Specific up-regulation of p21 by a small active RNA sequence suppresses human colorectal cancer growth. <i>Oncotarget</i> , 2017, 8, 25055-25065.	0.8	16
52	Berberine inhibits adipocyte differentiation, proliferation and adiposity through down-regulating galectin-3. <i>Scientific Reports</i> , 2019, 9, 13415.	1.6	14
53	Antiviral Activities of Several Oral Traditional Chinese Medicines against Influenza Viruses. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	0.5	13
54	Hyperascyrins A ^N , rare methylated polycyclic polyprenylated acylphloroglucinol derivatives from <i>Hypericum ascyron</i> . <i>Journal of Asian Natural Products Research</i> , 2019, 21, 409-418.	0.7	13

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55	Schoberine B, an alkaloid with an unprecedented straight C ₅ side chain, and myriberine B from <i>Myrioneuron faberi</i> . <i>RSC Advances</i> , 2016, 6, 10180-10184.	1.7	12
56	Self-assembling HA/PEI/dsRNA-p21 ternary complexes for CD44 mediated small active RNA delivery to colorectal cancer. <i>Drug Delivery</i> , 2017, 24, 1537-1548.	2.5	12
57	Recombinant expression and biochemical characterization of <i>Mycobacterium tuberculosis</i> 3Fe-4S ferredoxin Rv1786. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 7201-7212.	1.7	12
58	Ten undescribed cembrane-type diterpenoids from the gum resin of <i>Boswellia sacra</i> and their biological activities. <i>Phytochemistry</i> , 2020, 177, 112425.	1.4	12
59	Guajamers A, Rearranged Polycyclic Phloroglucinol Meroterpenoids from <i>Psidium guajava</i> Leaves and Their Antibacterial Activity. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1129-1137.	2.6	12
60	Metabolism of Chinese Materia Medica in Gut Microbiota and Its Biological Effects. <i>Chinese Herbal Medicines</i> , 2015, 7, 109-115.	1.2	9
61	Phenylpropanoids from the stems of <i>Ephedra sinica</i> . <i>Journal of Asian Natural Products Research</i> , 2016, 18, 260-267.	0.7	8
62	Exploratory study data for determining the adverse effects of sinomenine plus gabapentin or ligustrazine hydrochloride and the pharmacokinetic insights of sinomenine in plasma and CNS tissue. <i>Data in Brief</i> , 2019, 27, 104633.	0.5	7
63	Antinociceptive Effects of Sinomenine Combined With Ligustrazine or Paracetamol in Animal Models of Incisional and Inflammatory Pain. <i>Frontiers in Physiology</i> , 2020, 11, 523769.	1.3	7
64	Internal driving factors leading to extrahepatic manifestation of the hepatitis A virus infection. <i>International Journal of Molecular Medicine</i> , 2017, 40, 1792-1802.	1.8	6
65	Analgesic Alkaloids Derived From Traditional Chinese Medicine in Pain Management. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	6
66	Synthesis and biological evaluation of tricyclic matrinic derivatives as a class of novel anti-HCV agents. <i>Chemistry Central Journal</i> , 2017, 11, 94.	2.6	5
67	Combined Use of Bicyclol and Berberine Alleviates Mouse Nonalcoholic Fatty Liver Disease. <i>Frontiers in Pharmacology</i> , 2022, 13, 843872.	1.6	5
68	A proof-of-concept study in HCV-infected Huh7.5 cells for shortening the duration of DAA-based triple treatment regimens. <i>Biomedicine and Pharmacotherapy</i> , 2019, 116, 108976.	2.5	4
69	Prenylaromadendrane-type diterpenoids from the gum resin of <i>Boswellia sacra</i> flueck and their cytotoxic effects. <i>Natural Product Research</i> , 2022, 36, 5400-5406.	1.0	4
70	Establishment of drug-resistant HBV small-animal models by hydrodynamic injection. <i>Acta Pharmaceutica Sinica B</i> , 2014, 4, 270-276.	5.7	3
71	Replication priority of hepatitis C virus genotype 2a in a Chinese cohort. <i>Acta Pharmaceutica Sinica B</i> , 2014, 4, 266-269.	5.7	3
72	A Simple but Accurate Method for Evaluating Drug-Resistance in Infectious HCVcc System. <i>BioMed Research International</i> , 2017, 2017, 1-9.	0.9	3

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73	Microdialysis combined with liquid chromatography-tandem mass spectrometry for the quantitation of gemifloxacin and its application to a muscle penetration study in healthy and MRSA-infected rats. PLoS ONE, 2019, 14, e0217573.	1.1	2
74	Screening and Identification of a Novel Anti-tuberculosis Compound That Targets Deoxyuridine 5'-Triphosphate Nucleotidohydrolase. Frontiers in Microbiology, 2021, 12, 757914.	1.5	2
75	Hypseudohenrins: three new polycyclic polyprenylated acylphloroglucinol derivatives from <i>Hypericum pseudohenryi</i> . Journal of Asian Natural Products Research, 2021, 23, 536-544.	0.7	1