Danâ€“Qing Song

List of Publications by Year
in descending order

90	2,312	218677 26	254184 43
papers	citations	h-index	g-index

92	92	92	2595
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Berberine reduces insulin resistance through protein kinase Câ€“dependent up-regulation of insulin receptor expression. Metabolism: Clinical and Experimental, 2009, 58, 109-119.	3.4	224
2	Combination of simvastatin with berberine improves the lipid-lowering efficacy. Metabolism: Clinical and Experimental, 2008, 57, 1029-1037.	3.4	144
3	Berberine diminishes cancer cell PD-L1 expression and facilitates antitumor immunity via inhibiting the deubiquitination activity of CSN5. Acta Pharmaceutica Sinica B, 2020, 10, 2299-2312.	12.0	94
4	Berberine Analogues as a Novel Class of the Low-Density-Lipoprotein Receptor Up-Regulators: Synthesis, Structureâ^'Activity Relationships, and Cholesterol-Lowering Efficacy. Journal of Medicinal Chemistry, 2009, 52, 492-501.	6.4	89
5	Bioactivities of berberine metabolites after transformation through CYP450 isoenzymes. Journal of Translational Medicine, 2011, 9, 62.	4.4	87
6	Design and Synthesis of Oxymatrine Analogues Overcoming Drug Resistance in Hepatitis B Virus through Targeting Host Heat Stress Cognate 70. Journal of Medicinal Chemistry, 2011, 54, 869-876.	6.4	71
7	Synthesis and structureâ€“activity relationships of berberine analogues as a novel class of low-density-lipoprotein receptor up-regulators. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4675-4677.	2.2	61
8	Synthesis and biological evaluation of new berberine derivatives as cancer immunotherapy agents through targeting IDO1. European Journal of Medicinal Chemistry, 2018, 143, 1858-1868.	5.5	55
9	Heat Stress Cognate 70 Host Protein as a Potential Drug Target against Drug Resistance in Hepatitis B Virus. Antimicrobial Agents and Chemotherapy, 2010, 54, 2070-2077.	3.2	53
10	SA-49, a novel aloperine derivative, induces MITF-dependent lysosomal degradation of PD-L1. EBioMedicine, 2019, 40, 151-162.	6.1	53
11	Synthesis and Biological Evaluation of Quinoline Derivatives as a Novel Class of Broad-Spectrum Antibacterial Agents. Molecules, 2019, 24, 548.	3.8	51
12	Synthesis, structureâ^'activity relationship and biological evaluation of novel N-substituted matrinic acid derivatives as host heat-stress cognate 70 (Hsc70) down-regulators. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4732-4735.	2.2	48
13	Synthesis and structureâ€“activity relationship of berberine analogues in LDLR up-regulation and AMPK activation. Bioorganic and Medicinal Chemistry, 2012, 20, 6552-6558.	3.0	48
14	Synthesis and biological evaluation of berberine analogues as novel up-regulators for both low-density-lipoprotein receptor and insulin receptor. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6004-6008.	2.2	47
15	Small molecular compounds that inhibit hepatitis C virus replication through destabilizing heat shock cognate 70 messenger RNA. Hepatology, 2010, 52, 845-853.	7.3	47
16	Design, synthesis, and cholesterol-lowering efficacy for prodrugs of berberrubine. Bioorganic and Medicinal Chemistry, 2010, 18, 6422-6428.	3.0	44
17	CD36 is a co-receptor for hepatitis C virus E1 protein attachment. Scientific Reports, 2016, 6, 21808.	3.3	44
18	Berberine Directly Targets the NEK7 Protein to Block the NEK7â€“NLRP3 Interaction and Exert Anti-inflammatory Activity. Journal of Medicinal Chemistry, 2021, 64, 768-781.	6.4	42

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19	Synthesis, structureâ€“activity relationship and inÂvitro anti-mycobacterial evaluation of 13-n-octylberberine derivatives. European Journal of Medicinal Chemistry, 2012, 52, 151-158.	5.5	37
20	Lysosomal dysfunction and autophagy blockade contribute to IMB-6G-induced apoptosis in pancreatic cancer cells. Scientific Reports, 2017, 7, 41862.	3.3	37
21	Discovery and evolution of aloperine derivatives as novel anti-filovirus agents through targeting entry stage. European Journal of Medicinal Chemistry, 2018, 149, 45-55.	5.5	33
22	Synthesis and Identification of Novel Berberine Derivatives as Potent Inhibitors against TNF-Î±-Induced NF-ÎºB Activation. Molecules, 2017, 22, 1257.	3.8	31
23	Synthesis and Biological Evaluation of Sophoridinol Derivatives as a Novel Family of Potential Anticancer Agents. ACS Medicinal Chemistry Letters, 2014, 5, 1225-1229.	2.8	30
24	Novel N-substituted sophoridinol derivatives as anticancer agents. European Journal of Medicinal Chemistry, 2014, 81, 95-105.	5.5	28
25	Identification of an anti-Gram-negative bacteria agent disrupting the interaction between lipopolysaccharide transporters LptA and LptC. International Journal of Antimicrobial Agents, 2019, 53, 442-448.	2.5	27
26	Synthesis, structureâ€“activity relationship and biological evaluation of anticancer activity for novel N-substituted sophoridinic acid derivatives. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5251-5254.	2.2	26
27	Benzoylurea Derivatives as a Novel Class of Antimitotic Agents: Synthesis, Anticancer Activity, and Structureâ”Activity Relationships. Journal of Medicinal Chemistry, 2008, 51, 3094-3103.	6.4	25
28	Protein kinase D activation stimulates the transcription of the insulin receptor gene. Molecular and Cellular Endocrinology, 2010, 330, 25-32.	3.2	24
29	Synthesis and in vitro antitubercular evaluation of novel sansanmycin derivatives. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6804-6807.	2.2	24
30	Design, synthesis and biological evaluation of monobactams as antibacterial agents against gram-negative bacteria. European Journal of Medicinal Chemistry, 2016, 110, 151-163.	5.5	23
31	Synthesis and antibacterial evaluation of 13-substituted cycloberberine derivatives as a novel class of anti-MRSA agents. European Journal of Medicinal Chemistry, 2018, 157, 877-886.	5.5	23
32	Synthesis and Evolution of Berberine Derivatives as a New Class of Antiviral Agents against Enterovirus 71 through the MEK/ERK Pathway and Autophagy. Molecules, 2018, 23, 2084.	3.8	23
33	Discovery and evolution of aloperine derivatives as a new family of HCV inhibitors with novel mechanism. European Journal of Medicinal Chemistry, 2018, 143, 1053-1065.	5.5	22
34	A zebrafish model for subgenomic hepatitis C virus replication. International Journal of Molecular Medicine, 2015, 35, 791-797.	4.0	21
35	Novel N-Benzenesulfonyl Sophocarpinol Derivatives as Coxsackie B Virus Inhibitors. ACS Medicinal Chemistry Letters, 2015, 6, 183-186.	2.8	21
36	Discovery and Development of 8-Substituted Cycloberberine Derivatives as Novel Antibacterial Agents against MRSA. ACS Medicinal Chemistry Letters, 2018, 9, 484-489.	2.8	21

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37	Discovery, synthesis and biological evaluation of cycloprotoberberine derivatives as potential antitumor agents. European Journal of Medicinal Chemistry, 2013, 68, 463-472.	5.5	20
38	Resibufogenin suppresses transforming growth factorâ€Î²â€activated kinase 1â€mediated nuclear factorâ€ºB activity through protein kinase Câ€dependent inhibition of glycogen synthase kinase 3. Cancer Science, 2018, 109, 3611-3622.	3.9	18
39	N-Substituted Benzyl Matrinic Acid Derivatives Inhibit Hepatitis C Virus (HCV) Replication through Down-Regulating Host Heat-Stress Cognate 70 (Hsc70) Expression. PLoS ONE, 2013, 8, e58675.	2.5	17
40	Evolution of matrinic ethanol derivatives as anti-HCV agents from matrine skeleton. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1962-1966.	2.2	17
41	Synthesis and biological evaluation of 8-substituted berberine derivatives as novel anti-mycobacterial agents. Acta Pharmaceutica Sinica B, 2012, 2, 581-587.	12.0	16
42	Synthesis and Biological Evaluation of Nâ€Substituted Sophocarpinic Acid Derivatives as Coxsackievirusâ€...B3 Inhibitors. ChemMedChem, 2013, 8, 1545-1553.	3.2	16
43	Glycogen synthase kinase-3Î² inhibition promotes lysosome-dependent degradation of c-FLIPL in hepatocellular carcinoma. Cell Death and Disease, 2018, 9, 230.	6.3	16
44	Novel cytisine derivatives exert anti-liver fibrosis effect via PI3K/Akt/Smad pathway. Bioorganic Chemistry, 2019, 90, 103032.	4.1	16
45	Identification of two antagonists of the scavenger receptor CD36 using a high-throughput screening model. Analytical Biochemistry, 2010, 400, 207-212.	2.4	15
46	S632A3, a new glutarimide antibiotic, suppresses lipopolysaccharide-induced pro-inflammatory responses via inhibiting the activation of glycogen synthase kinase 3Î². Experimental Cell Research, 2012, 318, 2592-2603.	2.6	15
47	Synthesis and Biological Evaluation of Fangchinoline Derivatives as Anti-Inflammatory Agents through Inactivation of Inflammasome. Molecules, 2019, 24, 1154.	3.8	15
48	The dual topoisomerase inhibitor A35 preferentially and specially targets topoisomerase 2Î± by enhancing pre-strand and post-strand cleavage and inhibiting DNA religation. Oncotarget, 2015, 6, 37871-37894.	1.8	15
49	MPB, a novel berberine derivative, enhances lysosomal and bactericidal properties via TGFâ€Î²â€“activated kinase 1â€dependent activation of the transcription factor EB. FASEB Journal, 2019, 33, 1468-1481.	0.5	14
50	Synthesis, structureâ€“activity relationship and in vitro biological evaluation of N-arylethyl isoquinoline derivatives as Coxsackievirus B3 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5787-5790.	2.2	13
51	SAR evolution and discovery of benzenesulfonyl matrinanes as a novel class of potential coxsakievirus inhibitors. Future Medicinal Chemistry, 2016, 8, 495-508.	2.3	13
52	Structureâ€“activity relationship and biological evaluation of berberine derivatives as PCSK9 down-regulating agents. Bioorganic Chemistry, 2021, 113, 104994.	4.1	13
53	Synthesis and biological evaluation of 12-benzyl matrinic amide derivatives as a novel family of anti-HCV agents. Chinese Chemical Letters, 2016, 27, 1052-1057.	9.0	12
54	Synthesis and biological evaluation of 12-N-p-chlorobenzyl sophoridinol derivatives as a novel family of anticancer agents. Acta Pharmaceutica Sinica B, 2016, 6, 222-228.	12.0	12

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55	Synthesis and biological evaluation of berberine derivatives as a new class of broad-spectrum antiviral agents against Coxsackievirus B. Bioorganic Chemistry, 2020, 95, 103490.	4.1	12
56	Discovery of 9O-Substituted Palmatine Derivatives as a New Class of Anti-COL1A1 Agents Via Repressing TGF-Î²1/Smads and JAK1/STAT3 Pathways. Molecules, 2020, 25, 773.	3.8	12
57	Synthesis, Biological Evaluation, and Autophagy Mechanism of 12N-Substituted Sophoridinamines as Novel Anticancer Agents. ACS Medicinal Chemistry Letters, 2017, 8, 245-250.	2.8	11
58	Discovery of Matrinic Thiadiazole Derivatives as a Novel Family of Anti-Liver Fibrosis Agents via Repression of the TGFÎ²/Smad Pathway. Molecules, 2018, 23, 1644.	3.8	11
59	Evolution and Antibacterial Evaluation of 8-Hydroxy-cycloberberine Derivatives as a Novel Family of Antibacterial Agents Against MRSA. Molecules, 2019, 24, 984.	3.8	11
60	Synthesis and biological evaluation of sophocarpinic acid derivatives as anti-HCV agents. Acta Pharmaceutica Sinica B, 2014, 4, 307-312.	12.0	10
61	Glycogen synthase kinase-3Î² antagonizes ROS-induced hepatocellular carcinoma cell death through suppression of the apoptosis signal-regulating kinase 1. Medical Oncology, 2016, 33, 60.	2.5	10
62	Synthesis and biological evaluation of 7-substituted cycloberberine derivatives as potent antibacterial agents against MRSA. European Journal of Medicinal Chemistry, 2019, 168, 283-292.	5.5	10
63	Synthesis and antibacterial evaluation against resistant Gram-negative bacteria of monobactams bearing various substituents on oxime residue. Bioorganic Chemistry, 2020, 94, 103487.	4.1	10
64	Synthesis and Structureâ€“Activity Relationship of Palmatine Derivatives as a Novel Class of Antibacterial Agents against Helicobacter pylori. Molecules, 2020, 25, 1352.	3.8	10
65	IMB-6G, a novel N-substituted sophoridinic acid derivative, induces endoplasmic reticulum stress-mediated apoptosis via activation of IRE1Î± and PERK signaling. Oncotarget, 2016, 7, 23860-23873.	1.8	10
66	Synthesis and structureâ€“activity relationship of N-(2-arylethyl) isoquinoline derivatives as human scavenger receptor CD36 antagonists. European Journal of Medicinal Chemistry, 2011, 46, 1066-1073.	5.5	9
67	Synthesis and structureâ^'activity relationship of 8-substituted protoberberine derivatives as a novel class of antitubercular agents. Chemistry Central Journal, 2013, 7, 117.	2.6	9
68	Structureâ€“activity relationship of N-benzenesulfonyl matrinic acid derivatives as a novel class of coxsackievirus B3 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3690-3693.	2.2	9
69	Synthesis and evaluation of halogenated 12N-sulfonyl matrinic butanes as potential anti-coxsackievirus agents. European Journal of Medicinal Chemistry, 2017, 126, 133-142.	5.5	9
70	Aloperine inhibits hepatitis C virus entry into cells by disturbing internalisation from endocytosis to the membrane fusion process. European Journal of Pharmacology, 2020, 883, 173323.	3.5	9
71	12N-Substituted Matrinol Derivatives Inhibited the Expression of Fibrogenic Genes via Repressing Integrin/FAK/PI3K/Akt Pathway in Hepatic Stellate Cells. Molecules, 2019, 24, 3748.	3.8	8
72	Evolution and Biological Evaluation of Matrinic Derivatives with Amantadine Fragments As New Anti-Influenza Virus Agents. Molecules, 2019, 24, 921.	3.8	8

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73	Sophoridinol derivative 05D induces tumor cells apoptosis by topoisomerase1-mediated DNA breakage. OncoTargets and Therapy, 2016, 9, 2805.	2.0	7
74	Synthesis and biological evaluation of novel tricyclic matrinic derivatives as potential anti-filovirus agents. Acta Pharmaceutica Sinica B, 2018, 8, 629-638.	12.0	7
75	Palmatine Derivatives as Potential Antiplatelet Aggregation Agents via Protein Kinase G/Vasodilator-Stimulated Phosphoprotein and Phosphatidylinositol 3-Kinase/Akt Phosphorylation. Journal of Medicinal Chemistry, 2022, 65, 7399-7413.	6.4	7
76	Novel 12N-substituted matrinanes as potential anti-coxsackievirus agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 829-833.	2.2	6
77	Structureâ€“Activity Relationship of Aloperine Derivatives as New Antiâ€“Liver Fibrogenic Agents. Molecules, 2020, 25, 4977.	3.8	6
78	Clofazimine derivatives as potent broad-spectrum antiviral agents with dual-target mechanism. European Journal of Medicinal Chemistry, 2022, 234, 114209.	5.5	6
79	Synthesis and biological evaluation of new 13-n-nonylprotoberberine derivatives as antitubercular agents. Acta Pharmaceutica Sinica B, 2013, 3, 38-45.	12.0	5
80	Synthesis and biological evaluation of tricyclic matrinic derivatives as a class of novel anti-HCV agents. Chemistry Central Journal, 2017, 11, 94.	2.6	5
81	Structureâ€“activity relationship and hypoglycemic activity of tricyclic matrines with advantage of treating diabetic nephropathy. European Journal of Medicinal Chemistry, 2020, 201, 112315.	5.5	5
82	Discovery and evolution of 12N-substituted aloperine derivatives as anti-SARS-CoV-2 agents through targeting late entry stage. Bioorganic Chemistry, 2021, 115, 105196.	4.1	5
83	Clofazimine: A Promising Inhibitor of Rabies Virus. Frontiers in Pharmacology, 2021, 12, 598241.	3.5	4
84	Capture and Identification of Dual Specificity Mitogen-Activated Protein Kinase Kinase 7 as a Direct Proteomic Target of Berberine to Affect the c-JunN-Terminal Kinase Pathway. CCS Chemistry, 2022, 4, 1535-1544.	7.8	4
85	The novel quinolizidine derivate IMB-HDC inhibits STAT5a phosphorylation at 694 and 780 and promotes DNA breakage and cell apoptosis via blocking STAT5a nuclear translocation. Acta Pharmacologica Sinica, 2020, 41, 686-697.	6.1	4
86	Synthesis and Biological Evaluation of 12N-substituted Tricyclic Matrinic Derivatives as a Novel Family of Anti-Influenza Agents. Medicinal Chemistry, 2018, 14, 764-772.	1.5	3
87	Discovery and development of tricyclic matrinic derivatives as anti-diabetic candidates by AMPKÎ± activation. Chinese Chemical Letters, 2023, 34, 107561.	9.0	3
88	Discovery of new riminophenazine analogues as antimycobacterial agents against drug-resistant Mycobacterium tuberculosis. Bioorganic Chemistry, 2022, 128, 105929.	4.1	2
89	The benzoylurea derivative F13 inhibits cell growth, migration and invasion through inducing expression of ERK1/2-mediated RECK in fibrosarcoma HT-1080 cells. Anti-Cancer Drugs, 2010, 21, 372-380.	1.4	1
90	Structureâ€“activity relationship and biological evaluation of 12ÂN-substituted aloperine derivatives as PD-L1 down-regulatory agents through proteasome pathway. Bioorganic Chemistry, 2021, 117, 105432.	4.1	1