

Xuanxuan Dai

List of Publications by Year in descending order

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Version: 2024-02-01

278
papers

10,594
citations

30070

54
h-index

58581

82
g-index

292
all docs

292
docs citations

292
times ranked

13662
citing authors

#	ARTICLE	IF	CITATIONS
1	Chalcone derivatives ameliorate lipopolysaccharide-induced acute lung injury and inflammation by targeting MD2. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 76-85.	6.1	10
2	Pharmacological inhibition of MyD88 suppresses inflammation in tubular epithelial cells and prevents diabetic nephropathy in experimental mice. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 354-366.	6.1	12
3	Flavokawain B alleviates LPS-induced acute lung injury via targeting myeloid differentiation factor 2. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 1758-1768.	6.1	9
4	Rhodium(III)-Catalyzed Direct C7-Selective Alkenylation and Alkylation of Indoles with Maleimides. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 307-313.	4.3	14
5	Inhibition of myeloid differentiation factor 2 attenuates cardiometabolic impairments via reducing cardiac mitochondrial dysfunction, inflammation, apoptosis and ferroptosis in prediabetic rats. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166301.	3.8	9
6	L6H21 protects against cognitive impairment and brain pathologies via toll-like receptor 4 myeloid differentiation factor 2 signalling in prediabetic rats. <i>British Journal of Pharmacology</i> , 2022, 179, 1220-1236.	5.4	6
7	Activating α_7 nAChR ameliorates abdominal aortic aneurysm through inhibiting pyroptosis mediated by NLRP3 inflammasome. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 2585-2595.	6.1	16
8	Consensus Prediction of Human Gut Microbiota-Mediated Metabolism Susceptibility for Small Molecules by Machine Learning, Structural Alerts, and Dietary Compounds-Based Average Similarity Methods. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 1078-1099.	5.4	3
9	Direct cardio-protection of Dapagliflozin against obesity-related cardiomyopathy via NHE1/MAPK signaling. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 2624-2635.	6.1	23
10	A Novel Nomogram Model to Identify Candidates and Predict the Possibility of Benefit From Primary Tumor Resection Among Female Patients With Metastatic Infiltrating Duct Carcinoma of the Breast: A Large Cohort Study. <i>Frontiers in Oncology</i> , 2022, 12, 798016.	2.8	2
11	Design, synthesis and anticancer evaluation of 6,7-disubstituted-4-phenoxyquinoline derivatives bearing 1,8-naphthyridine-3-carboxamide moiety as novel multi-target TKIs. <i>Bioorganic Chemistry</i> , 2022, 121, 105672.	4.1	4
12	Discovery of N-(3-bromo-1H-indol-5-yl)-quinazolin-4-amine as an effective molecular skeleton to develop reversible/irreversible pan-HER inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2022, 233, 114249.	5.5	5
13	Synthesis, bioevaluation and molecular dynamics of pyrrolo-pyridine benzamide derivatives as potential antitumor agents <i>in vitro</i> and <i>in vivo</i> . <i>European Journal of Medicinal Chemistry</i> , 2022, 233, 114215.	5.5	9
14	A chalcone-syringaldehyde hybrid inhibits triple-negative breast cancer cell proliferation and migration by inhibiting CKAP2-mediated FAK and STAT3 phosphorylation. <i>Phytomedicine</i> , 2022, 101, 154087.	5.3	7
15	Myeloid differential protein-2 inhibition improves diabetic cardiomyopathy via p38MAPK inhibition and AMPK pathway activation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166369.	3.8	1
16	Correction for: Inhibition of CDK9 attenuates atherosclerosis by inhibiting inflammation and phenotypic switching of vascular smooth muscle cells. <i>Aging</i> , 2022, 14, 3329-3330.	3.1	0
17	Downstream Neighbor of Son Overexpression is Associated With Breast Cancer Progression and a Poor Prognosis. <i>Journal of Breast Cancer</i> , 2022, 25, 327.	1.9	3
18	Kaempferol attenuates streptozotocin-induced diabetic nephropathy by downregulating TRAF6 expression: The role of TRAF6 in diabetic nephropathy. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113553.	4.1	32

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19	Iodine-Mediated Coupling of Cyclic Amines with Sulfonyl Hydrazides: an Efficient Synthesis of Vinyl Sulfone Derivatives. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 701-708.	2.4	8
20	Myeloid differentiation protein 2 mediates angiotensin II-induced inflammation and mesenchymal transition in vascular endothelium. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166043.	3.8	6
21	Acetyl-bufalin shows potent efficacy against non-small-cell lung cancer by targeting the CDK9/STAT3 signalling pathway. <i>British Journal of Cancer</i> , 2021, 124, 645-657.	6.4	30
22	Ruthenium(II)-Catalyzed Direct C7-Selective Amidation of Indoles with Dioxazolones at Room Temperature. <i>Journal of Organic Chemistry</i> , 2021, 86, 2827-2839.	3.2	18
23	Myeloid differentiation 2 deficiency attenuates AngII-induced arterial vascular oxidative stress, inflammation, and remodeling. <i>Aging</i> , 2021, 13, 4409-4427.	3.1	11
24	FGF1 ^{hi} HBS prevents diabetic cardiomyopathy by maintaining mitochondrial homeostasis and reducing oxidative stress via AMPK/Nur77 suppression. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 133.	17.1	43
25	LCZ696 Attenuated Doxorubicin-Induced Chronic Cardiomyopathy Through the TLR2-MyD88 Complex Formation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 654051.	3.7	19
26	An Indole-2-Carboxamide Derivative, LG4, Alleviates Diabetic Kidney Disease Through Inhibiting MAPK-Mediated Inflammatory Responses. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 1633-1645.	3.5	3
27	5-Bis-(2,6-difluoro-benzylidene) Cyclopentanone Acts as a Selective 11 ^β -Hydroxysteroid Dehydrogenase one Inhibitor to Treat Diet-Induced Nonalcoholic Fatty Liver Disease in Mice. <i>Frontiers in Pharmacology</i> , 2021, 12, 594437.	3.5	5
28	CDK9 inhibition improves diabetic nephropathy by reducing inflammation in the kidneys. <i>Toxicology and Applied Pharmacology</i> , 2021, 416, 115465.	2.8	9
29	Design, synthesis and biological evaluation of 7H-pyrrolo[2,3-d]pyrimidine derivatives containing 1,8-naphthyridine-4-one fragment. <i>European Journal of Medicinal Chemistry</i> , 2021, 215, 113273.	5.5	6
30	H2O2 enhances the anticancer activity of TMPyP4 by ROS-mediated mitochondrial dysfunction and DNA damage. <i>Medical Oncology</i> , 2021, 38, 59.	2.5	4
31	Genetic landscape of breast cancer and mutation tracking with circulating tumor DNA in Chinese women. <i>Aging</i> , 2021, 13, 11860-11876.	3.1	7
32	Curcumin analogue C66 attenuates obesity-induced renal injury by inhibiting chronic inflammation. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111418.	5.6	11
33	Inhibition of CDK9 attenuates atherosclerosis by inhibiting inflammation and phenotypic switching of vascular smooth muscle cells. <i>Aging</i> , 2021, 13, 14892-14909.	3.1	5
34	The different biological effects of TMPyP4 and cisplatin in the inflammatory microenvironment of osteosarcoma are attributed to G-quadruplex. <i>Cell Proliferation</i> , 2021, 54, e13101.	5.3	10
35	Piperlongumine inhibits migration and proliferation of castration-resistant prostate cancer cells via triggering persistent DNA damage. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 195.	2.7	15
36	Toll-like receptor 2 signaling deficiency in cardiac cells ameliorates Ang II-induced cardiac inflammation and remodeling. <i>Translational Research</i> , 2021, 233, 62-76.	5.0	11

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37	Bicyclol ameliorates nonalcoholic fatty liver disease in mice via inhibiting MAPKs and NF- κ B signaling pathways. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111874.	5.6	16
38	Cardamonin inhibits LPS-induced inflammatory responses and prevents acute lung injury by targeting myeloid differentiation factor 2. <i>Phytomedicine</i> , 2021, 93, 153785.	5.3	11
39	Curcumin analogue C66 attenuates obesity-induced myocardial injury by inhibiting JNK-mediated inflammation. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112121.	5.6	13
40	Design, synthesis and bioactivity evaluation of fisetin derivatives as potential anti-inflammatory agents against LPS-induced acute lung injury. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 49, 116456.	3.0	5
41	TLR2 regulates angiotensin II-induced vascular remodeling and EndMT through NF- κ B signaling. <i>Aging</i> , 2021, 13, 2553-2574.	3.1	8
42	Cinobufagin suppresses colorectal cancer growth via STAT3 pathway inhibition. <i>American Journal of Cancer Research</i> , 2021, 11, 200-214.	1.4	2
43	Exercise-Induced Irisin Decreases Inflammation and Improves NAFLD by Competitive Binding with MD2. <i>Cells</i> , 2021, 10, 3306.	4.1	36
44	Blocking myeloid differentiation factor 2 improves cognitive function via reducing microglia activation, neuroinflammation, brain mitochondrial dysfunction and dendritic spine loss in obese insulin-resistant rats. <i>Alzheimer's and Dementia</i> , 2021, 17, e050382.	0.8	1
45	Myeloid differentiation factor 2 inhibitor, 2i μ 10, alleviates dendritic spine loss in rats with cardiac ischemia-reperfusion injury via decreasing brain inflammation. <i>Alzheimer's and Dementia</i> , 2021, 17, e051260.	0.8	0
46	In Silico Prediction of Hemolytic Toxicity on the Human Erythrocytes for Small Molecules by Machine-Learning and Genetic Algorithm. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 6499-6512.	6.4	13
47	Transition-Metal-Free Radical C α H Methylation of Quinoxalinones with TBHP. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 185-188.	2.7	21
48	Metal-free regioselective C α H chalcogenylation of coumarins/(hetero)arenes at ambient temperature. <i>Chemical Communications</i> , 2020, 56, 1847-1850.	4.1	45
49	Myeloid Differentiation Protein 2 Mediates Angiotensin II-Induced Liver Inflammation and Fibrosis in Mice. <i>Molecules</i> , 2020, 25, 25.	3.8	14
50	CHK2-FOXK axis promotes transcriptional control of autophagy programs. <i>Science Advances</i> , 2020, 6, eaax5819.	10.3	36
51	Isoliquiritigenin attenuates diabetic cardiomyopathy via inhibition of hyperglycemia-induced inflammatory response and oxidative stress. <i>Phytomedicine</i> , 2020, 78, 153319.	5.3	40
52	<p>The Prognostic Value of Combination of Plasma Fibrinogen and CA19-9 in Non-Distant Metastatic Breast Cancer Patients Undergoing Surgery</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 8875-8886.	1.9	2
53	Pattern recognition receptor-mediated inflammation in diabetic vascular complications. <i>Medicinal Research Reviews</i> , 2020, 40, 2466-2484.	10.5	36
54	A novel salvidione derivative, compound 15a, attenuates diabetes-induced renal injury by inhibiting NF- κ B-mediated inflammatory responses. <i>Toxicology and Applied Pharmacology</i> , 2020, 409, 115322.	2.8	3

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55	Metabolism-Associated Molecular Patterns (MAMPs). Trends in Endocrinology and Metabolism, 2020, 31, 712-724.	7.1	44
56	Isodeoxyelephantopin Inactivates Thioredoxin Reductase 1 and Activates ROS-Mediated JNK Signaling Pathway to Exacerbate Cisplatin Effectiveness in Human Colon Cancer Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 580517.	3.7	11
57	Celastrol induces ROS-mediated apoptosis via directly targeting peroxiredoxin-2 in gastric cancer cells. Theranostics, 2020, 10, 10290-10308.	10.0	113
58	Myeloid Differentiation Primary Response Protein 88 (MyD88): The Central Hub of TLR/IL-1R Signaling. Journal of Medicinal Chemistry, 2020, 63, 13316-13329.	6.4	52
59	Inhibition of MyD88 by LM8 Attenuates Obesity-Induced Cardiac Injury. Journal of Cardiovascular Pharmacology, 2020, 76, 63-70.	1.9	9
60	MD2 activation by direct AGE interaction drives inflammatory diabetic cardiomyopathy. Nature Communications, 2020, 11, 2148.	12.8	90
61	Quantitative Prediction of Hemolytic Toxicity for Small Molecules and Their Potential Hemolytic Fragments by Machine Learning and Recursive Fragmentation Methods. Journal of Chemical Information and Modeling, 2020, 60, 3231-3245.	5.4	9
62	Compound LM9, a novel MyD88 inhibitor, efficiently mitigates inflammatory responses and fibrosis in obesity-induced cardiomyopathy. Acta Pharmacologica Sinica, 2020, 41, 1093-1101.	6.1	11
63	Ruthenium(II)-Catalyzed C-H Activation of Chromones with Maleimides to Synthesize Succinimide/Maleimide-Containing Chromones. Journal of Organic Chemistry, 2020, 85, 9230-9243.	3.2	38
64	A novel topoisomerase I inhibitor DIA-001 induces DNA damage mediated cell cycle arrest and apoptosis in cancer cell. Annals of Translational Medicine, 2020, 8, 89-89.	1.7	6
65	Macrophage-derived myeloid differentiation protein 2 plays an essential role in ox-LDL-induced inflammation and atherosclerosis. EBioMedicine, 2020, 53, 102706.	6.1	41
66	Selective targeting of the TLR4 co-receptor, MD2, prevents colon cancer growth and lung metastasis. International Journal of Biological Sciences, 2020, 16, 1288-1301.	6.4	26
67	Feedback activation of EGFR is the main cause for STAT3 inhibition-irresponsiveness in pancreatic cancer cells. Oncogene, 2020, 39, 3997-4013.	5.9	26
68	Escherichia coli adhesion portion FimH functions as an adjuvant for cancer immunotherapy. Nature Communications, 2020, 11, 1187.	12.8	43
69	<p>Allylated Curcumin Analog CA6 Inhibits TrxR1 and Leads to ROS-Dependent Apoptotic Cell Death in Gastric Cancer Through Akt-FoxO3a<p>. Cancer Management and Research, 2020, Volume 12, 247-263.	1.9	16
70	Celastrol Attenuates Angiotensin II-Induced Cardiac Remodeling by Targeting STAT3. Circulation Research, 2020, 126, 1007-1023.	4.5	127
71	miR-196b-5p-mediated downregulation of TSPAN12 and GATA6 promotes tumor progression in non-small cell lung cancer. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4347-4357.	7.1	95
72	Arachidonic acid inhibits inflammatory responses by binding to myeloid differentiation factor-2 (MD2) and preventing MD2/toll-like receptor 4 signaling activation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165683.	3.8	34

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73	Molecular basis for receptor tyrosine kinase A-loop tyrosine transphosphorylation. <i>Nature Chemical Biology</i> , 2020, 16, 267-277.	8.0	31
74	Palladium-Catalyzed Direct Mono- or Polyhalogenation of Benzothiadiazole Derivatives. <i>Journal of Organic Chemistry</i> , 2020, 85, 3788-3798.	3.2	6
75	The imidazopyridine derivative X22 prevents diabetic kidney dysfunction through inactivating NF- κ B signaling. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 877-882.	2.1	1
76	Cynaropicrin Shows Antitumor Progression Potential in Colorectal Cancer Through Mediation of the LIFR/STATs Axis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 605184.	3.7	11
77	Enhancement of oxaliplatin-induced colon cancer cell apoptosis by alantolactone, a natural product inducer of ROS. <i>International Journal of Biological Sciences</i> , 2019, 15, 1676-1684.	6.4	51
78	Inhibition of myeloid differentiation factor 2 by baicalein protects against acute lung injury. <i>Phytomedicine</i> , 2019, 63, 152997.	5.3	33
79	Curcumin derivative WZ35 inhibits tumor cell growth via ROS-YAP-JNK signaling pathway in breast cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 460.	8.6	75
80	Inhibition of STAT3 in tubular epithelial cells prevents kidney fibrosis and nephropathy in STZ-induced diabetic mice. <i>Cell Death and Disease</i> , 2019, 10, 848.	6.3	75
81	Oncogenic KRAS Reduces Expression of FGF21 in Acinar Cells to Promote Pancreatic Tumorigenesis in Mice on a High-Fat Diet. <i>Gastroenterology</i> , 2019, 157, 1413-1428.e11.	1.3	57
82	<p>Indole-2-Carboxamide Derivative LG25 Inhibits Triple-Negative Breast Cancer Growth By Suppressing Akt/mTOR/NF- κ B Signalling Pathway</p>. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 3539-3550.	4.3	7
83	Piperlongumine, a Novel TrxR1 Inhibitor, Induces Apoptosis in Hepatocellular Carcinoma Cells by ROS-Mediated ER Stress. <i>Frontiers in Pharmacology</i> , 2019, 10, 1180.	3.5	54
84	Optimization and anti-inflammatory evaluation of methyl gallate derivatives as a myeloid differentiation protein 2 inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 115049.	3.0	5
85	Luteolin protects against diabetic cardiomyopathy by inhibiting NF- κ B-mediated inflammation and activating the Nrf2-mediated antioxidant responses. <i>Phytomedicine</i> , 2019, 59, 152774.	5.3	157
86	Rhein sensitizes human pancreatic cancer cells to EGFR inhibitors by inhibiting STAT3 pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 31.	8.6	63
87	Curcuminoid WZ35 synergize with cisplatin by inducing ROS production and inhibiting TrxR1 activity in gastric cancer cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 207.	8.6	31
88	A novel resveratrol analog PA19 attenuates obesity-induced cardiac and renal injury by inhibiting inflammation and inflammatory cell infiltration. <i>Molecular Medicine Reports</i> , 2019, 19, 4770-4778.	2.4	3
89	Schizandrin B attenuates angiotensin II induced endothelial to mesenchymal transition in vascular endothelium by suppressing NF- κ B activation. <i>Phytomedicine</i> , 2019, 62, 152955.	5.3	27
90	Discovery of 3-(Indol-5-yl)-indazole Derivatives as Novel Myeloid Differentiation Protein 2/Toll-like Receptor 4 Antagonists for Treatment of Acute Lung Injury. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 5453-5469.	6.4	37

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91	Schisandrin A inhibits triple negative breast cancer cells by regulating Wnt/ER stress signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019, 115, 108922.	5.6	35
92	Synthesis and Anti-inflammatory Evaluation of (<i>R</i>)-, (<i>S</i>)-, and (±)-Sanjuanolide Isolated from <i>Dalea frutescens</i> . <i>Journal of Natural Products</i> , 2019, 82, 748-755.	3.0	7
93	Biomimetic synthesis of the natural product salvadiene and its hybrids: discovery of tissue-specific anti-inflammatory agents for acute lung injury. <i>Chemical Science</i> , 2019, 10, 4667-4672.	7.4	25
94	A novel MyD88 inhibitor LM9 prevents atherosclerosis by regulating inflammatory responses and oxidative stress in macrophages. <i>Toxicology and Applied Pharmacology</i> , 2019, 370, 44-55.	2.8	23
95	Base promoted synthesis of novel indole-dithiocarbamate compounds as potential anti-inflammatory therapeutic agents for treatment of acute lung injury. <i>European Journal of Medicinal Chemistry</i> , 2019, 171, 54-65.	5.5	39
96	Blockage of ROS and MAPKs-mediated inflammation via restoring SIRT1 by a new compound LF10 prevents type 1 diabetic cardiomyopathy. <i>Toxicology and Applied Pharmacology</i> , 2019, 370, 24-35.	2.8	27
97	pH-responsive nanoparticles as a novel oxidative stress-inducing anticancer therapeutic agent for colon cancer. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 1597-1618.	6.7	24
98	Inhibition of STAT3 activation mediated by toll-like receptor 4 attenuates angiotensin II-induced renal fibrosis and dysfunction. <i>British Journal of Pharmacology</i> , 2019, 176, 2627-2641.	5.4	19
99	Blockade of myeloid differentiation 2 attenuates diabetic nephropathy by reducing activation of the renin-angiotensin system in mouse kidneys. <i>British Journal of Pharmacology</i> , 2019, 176, 2642-2657.	5.4	31
100	Cholangiocyte-Derived Exosomal Long Noncoding RNA H19 Promotes Hepatic Stellate Cell Activation and Cholestatic Liver Fibrosis. <i>Hepatology</i> , 2019, 70, 1317-1335.	7.3	150
101	Kaempferol reduces K63-linked polyubiquitination to inhibit nuclear factor- κ B and inflammatory responses in acute lung injury in mice. <i>Toxicology Letters</i> , 2019, 306, 53-60.	0.8	38
102	piperazine-Rhein shows potent efficacy against non-small-cell lung cancer through inhibiting the STAT3 pathway. <i>Cancer Management and Research</i> , 2019, Volume 11, 1167-1176.	1.9	32
103	Design and synthesis novel di-carbonyl analogs of curcumin (DACs) act as potent anti-inflammatory agents against LPS-induced acute lung injury (ALI). <i>European Journal of Medicinal Chemistry</i> , 2019, 167, 414-425.	5.5	35
104	piperazine-Inhibition Of JNK Phosphorylation By Curcumin Analog C66 Protects LPS-Induced Acute Lung Injury. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 4161-4171.	4.3	19
105	Curcumin Analogs Reduce Stress and Inflammation Indices in Experimental Models of Diabetes. <i>Frontiers in Endocrinology</i> , 2019, 10, 887.	3.5	18
106	Schisandrin B alleviates diabetic nephropathy through suppressing excessive inflammation and oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 243-249.	2.1	41
107	Alantolactone promotes ER stress-mediated apoptosis by inhibition of TrxR1 in triple-negative breast cancer cell lines and in a mouse model. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 2194-2206.	3.6	28
108	A novel resveratrol-curcumin hybrid, a19, attenuates high fat diet-induced nonalcoholic fatty liver disease. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 951-960.	5.6	11

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109	Computational Prediction of a New ADMET Endpoint for Small Molecules: Anticommensal Effect on Human Gut Microbiota. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 1215-1220.	5.4	8
110	Alantolactone sensitizes human pancreatic cancer cells to EGFR inhibitors through the inhibition of STAT3 signaling. <i>Molecular Carcinogenesis</i> , 2019, 58, 565-576.	2.7	42
111	Curcuminoid B63 induces ROS-mediated paraptosis-like cell death by targeting TrxR1 in gastric cells. <i>Redox Biology</i> , 2019, 21, 101061.	9.0	60
112	Development of 2-amino-4-phenylthiazole analogues to disrupt myeloid differentiation factor 88 and prevent inflammatory responses in acute lung injury. <i>European Journal of Medicinal Chemistry</i> , 2019, 161, 22-38.	5.5	39
113	Compound 15c, a Novel Dual Inhibitor of EGFR L858R/T790M and FGFR1, Efficiently Overcomes Epidermal Growth Factor Receptor-Tyrosine Kinase Inhibitor Resistance of Non-Small-Cell Lung Cancers. <i>Frontiers in Pharmacology</i> , 2019, 10, 1533.	3.5	12
114	Inhibition of EGFR-STAT3 attenuates cardiomyopathy in streptozotocin-induced type 1 diabetes. <i>Journal of Endocrinology</i> , 2019, 242, 199-210.	2.6	19
115	Baicalein attenuates OVA-induced allergic airway inflammation through the inhibition of the NF- κ B signaling pathway. <i>Aging</i> , 2019, 11, 9310-9327.	3.1	28
116	Piperlongumine reduces ovalbumin-induced asthma and airway inflammation by regulating nuclear factor- κ B activation. <i>International Journal of Molecular Medicine</i> , 2019, 44, 1855-1865.	4.0	17
117	Inhibition of MD2-dependent inflammation attenuates the progression of non-alcoholic fatty liver disease. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 936-947.	3.6	22
118	New MD2 inhibitors derived from curcumin with improved anti-inflammatory activity. <i>European Journal of Medicinal Chemistry</i> , 2018, 148, 291-305.	5.5	52
119	Kaempferol attenuates hyperglycemia-induced cardiac injuries by inhibiting inflammatory responses and oxidative stress. <i>Endocrine</i> , 2018, 60, 83-94.	2.3	72
120	β -Klotho is a non-enzymatic molecular scaffold for FGF23 hormone signalling. <i>Nature</i> , 2018, 553, 461-466.	27.8	348
121	FGF21 and DPP-4 inhibitor equally prevents cognitive decline in obese rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1663-1672.	5.6	36
122	Recent progress in the discovery of myeloid differentiation 2 (MD2) modulators for inflammatory diseases. <i>Drug Discovery Today</i> , 2018, 23, 1187-1202.	6.4	35
123	An Aza resveratrol chalcone derivative 6b protects mice against diabetic cardiomyopathy by alleviating inflammation and oxidative stress. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 1931-1943.	3.6	35
124	A self-assembling luminescent lanthanide molecular nanoparticle with potential for live cell imaging. <i>Chemical Science</i> , 2018, 9, 4630-4637.	7.4	26
125	Fibroblast growth factor 1 ameliorates diabetic nephropathy by an anti-inflammatory mechanism. <i>Kidney International</i> , 2018, 93, 95-109.	5.2	117
126	Inhibition of EGFR attenuates fibrosis and stellate cell activation in diet-induced model of nonalcoholic fatty liver disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 133-142.	3.8	48

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127	Costunolide specifically binds and inhibits thioredoxin reductase 1 to induce apoptosis in colon cancer. <i>Cancer Letters</i> , 2018, 412, 46-58.	7.2	38
128	Inhibition of myeloid differentiation factor-2 attenuates obesity-induced cardiomyopathy and fibrosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 252-262.	3.8	17
129	Synthesis and anti-tumor activity of EF24 analogues as IKK \hat{I}^2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 218-228.	5.5	19
130	Shikonin inhibits myeloid differentiation protein 2 to prevent LPS-induced acute lung injury. <i>British Journal of Pharmacology</i> , 2018, 175, 840-854.	5.4	59
131	Discovery of caffeic acid phenethyl ester derivatives as novel myeloid differentiation protein 2 inhibitors for treatment of acute lung injury. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 361-375.	5.5	32
132	An anti-inflammatory chalcone derivative prevents heart and kidney from hyperlipidemia-induced injuries by attenuating inflammation. <i>Toxicology and Applied Pharmacology</i> , 2018, 338, 43-53.	2.8	26
133	Recent Progress of Small-Molecule Epidermal Growth Factor Receptor (EGFR) Inhibitors against C797S Resistance in Non-Small-Cell Lung Cancer. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 4290-4300.	6.4	102
134	Osthole inhibits triple negative breast cancer cells by suppressing STAT3. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 322.	8.6	50
135	miRNA-mediated TUSC3 deficiency enhances UPR and ERAD to promote metastatic potential of NSCLC. <i>Nature Communications</i> , 2018, 9, 5110.	12.8	38
136	Design, synthesis and biological evaluation of novel 2-sulfonylindoles as potential anti-inflammatory therapeutic agents for treatment of acute lung injury. <i>European Journal of Medicinal Chemistry</i> , 2018, 160, 120-132.	5.5	15
137	Angiotensin II Causes Biphasic STAT3 Activation Through TLR4 to Initiate Cardiac Remodeling. <i>Hypertension</i> , 2018, 72, 1301-1311.	2.7	43
138	A mono-carbonyl analog of curcumin induces apoptosis in drug-resistant EGFR-mutant lung cancer through the generation of oxidative stress and mitochondrial dysfunction. <i>Cancer Management and Research</i> , 2018, Volume 10, 3069-3082.	1.9	18
139	Schisandrin B exhibits potent anticancer activity in triple negative breast cancer by inhibiting STAT3. <i>Toxicology and Applied Pharmacology</i> , 2018, 358, 110-119.	2.8	31
140	Osthole Protects against Acute Lung Injury by Suppressing NF- κ B-Dependent Inflammation. <i>Mediators of Inflammation</i> , 2018, 2018, 1-12.	3.0	30
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