

# Xuanxuan Dai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/691543/publications.pdf>

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	Î±-Klotho is a non-enzymatic molecular scaffold for FGF23 hormone signalling. <i>Nature</i> , 2018, 553, 461-466.	27.8	348
2	Exploration and synthesis of curcumin analogues with improved structural stability both in vitro and in vivo as cytotoxic agents. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 2623-2631.	3.0	288
3	Dihydroartemisinin (DHA) induces ferroptosis and causes cell cycle arrest in head and neck carcinoma cells. <i>Cancer Letters</i> , 2016, 381, 165-175.	7.2	227
4	Feedback Activation of STAT3 as a Cancer Drug-Resistance Mechanism. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 47-61.	8.7	190
5	Evaluation and Discovery of Novel Synthetic Chalcone Derivatives as Anti-Inflammatory Agents. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8110-8123.	6.4	182
6	Saturated palmitic acid induces myocardial inflammatory injuries through direct binding to TLR4 accessory protein MD2. <i>Nature Communications</i> , 2017, 8, 13997.	12.8	166
7	Inhibition of JNK Phosphorylation by a Novel Curcumin Analog Prevents High Glucose-Induced Inflammation and Apoptosis in Cardiomyocytes and the Development of Diabetic Cardiomyopathy. <i>Diabetes</i> , 2014, 63, 3497-3511.	0.6	160
8	Luteolin protects against diabetic cardiomyopathy by inhibiting NF-Î²-mediated inflammation and activating the Nrf2-mediated antioxidant responses. <i>Phytomedicine</i> , 2019, 59, 152774.	5.3	157
9	The role of sphingosine 1-phosphate receptor 2 in bile acid-induced cholangiocyte proliferation and cholestasis-induced liver injury in mice. <i>Hepatology</i> , 2017, 65, 2005-2018.	7.3	153
10	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
11	Inhibition of high glucose-induced inflammatory response and macrophage infiltration by a novel curcumin derivative prevents renal injury in diabetic rats. <i>British Journal of Pharmacology</i> , 2012, 166, 1169-1182.	5.4	142
12	Curcumin protects hearts from FFA-induced injury by activating Nrf2 and inactivating NF-Î²B both in vitro and in vivo. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 79, 1-12.	1.9	141
13	Celastrol Attenuates Angiotensin II-Induced Cardiac Remodeling by Targeting STAT3. <i>Circulation Research</i> , 2020, 126, 1007-1023.	4.5	127
14	ROS generation mediates the anti-cancer effects of WZ35 via activating JNK and ER stress apoptotic pathways in gastric cancer. <i>Oncotarget</i> , 2015, 6, 5860-5876.	1.8	126
15	Synthesis and anti-inflammatory activities of mono-carbonyl analogues of curcumin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 1525-1529.	2.2	123
16	Synthesis, crystal structure and anti-inflammatory properties of curcumin analogues. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 915-919.	5.5	117
17	Fibroblast growth factor 1 ameliorates diabetic nephropathy by an anti-inflammatory mechanism. <i>Kidney International</i> , 2018, 93, 95-109.	5.2	117
18	Piperlongumine as a direct TrxR1 inhibitor with suppressive activity against gastric cancer. <i>Cancer Letters</i> , 2016, 375, 114-126.	7.2	115

#	ARTICLE	IF	CITATIONS
19	Celastrol induces ROS-mediated apoptosis via directly targeting peroxiredoxin-2 in gastric cancer cells. <i>Theranostics</i> , 2020, 10, 10290-10308.	10.0	113
20	Auranofin induces apoptosis by ROS-mediated ER stress and mitochondrial dysfunction and displayed synergistic lethality with piperlongumine in gastric cancer. <i>Oncotarget</i> , 2015, 6, 36505-36521.	1.8	111
21	Anticancer molecules targeting fibroblast growth factor receptors. <i>Trends in Pharmacological Sciences</i> , 2012, 33, 531-541.	8.7	110
22	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
23	miR-196b-5p mediated downregulation of TSPAN12 and GATA6 promotes tumor progression in non-small cell lung cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4347-4357.	7.1	95
24	FGF21 improves cognition by restored synaptic plasticity, dendritic spine density, brain mitochondrial function and cell apoptosis in obese-insulin resistant male rats. <i>Hormones and Behavior</i> , 2016, 85, 86-95.	2.1	92
25	Synthesis and Anti-inflammatory Evaluation of Novel Benzimidazole and Imidazopyridine Derivatives. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 69-74.	2.8	91
26	MD2 activation by direct AGE interaction drives inflammatory diabetic cardiomyopathy. <i>Nature Communications</i> , 2020, 11, 2148.	12.8	90
27	Synthesis and biological evaluation of allylated and prenylated mono-carbonyl analogs of curcumin as anti-inflammatory agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 74, 671-682.	5.5	89
28	Novel curcumin analog C66 prevents diabetic nephropathy via JNK pathway with the involvement of p300/CBP-mediated histone acetylation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 34-46.	3.8	86
29	iRGD decorated lipid-polymer hybrid nanoparticles for targeted co-delivery of doxorubicin and sorafenib to enhance anti-hepatocellular carcinoma efficacy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1303-1311.	3.3	86
30	MD2 mediates angiotensin II-induced cardiac inflammation and remodeling via directly binding to Ang II and activating TLR4/NF- $\kappa$ B signaling pathway. <i>Basic Research in Cardiology</i> , 2017, 112, 9.	5.9	84
31	C66 ameliorates diabetic nephropathy in mice by both upregulating NRF2 function via increase in miR-200a and inhibiting miR-21. <i>Diabetologia</i> , 2016, 59, 1558-1568.	6.3	81
32	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
33	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
34	Anti-inflammatory effects of novel curcumin analogs in experimental acute lung injury. <i>Respiratory Research</i> , 2015, 16, 43.	3.6	73
35	Angiotensin II induces kidney inflammatory injury and fibrosis through binding to myeloid differentiation protein-2 (MD2). <i>Scientific Reports</i> , 2017, 7, 44911.	3.3	73
36	Kaempferol attenuates hyperglycemia-induced cardiac injuries by inhibiting inflammatory responses and oxidative stress. <i>Endocrine</i> , 2018, 60, 83-94.	2.3	72

#	ARTICLE	IF	CITATIONS
37	Synergistic antitumor activity of rapamycin and EF24 via increasing ROS for the treatment of gastric cancer. <i>Redox Biology</i> , 2016, 10, 78-89.	9.0	70
38	<sc>MD</sc> as the target of a novel small molecule, <sc>L6H</sc>21, in the attenuation of <sc>LPS</sc>-induced inflammatory response and sepsis. <i>British Journal of Pharmacology</i> , 2015, 172, 4391-4405.	5.4	69
39	Novel curcumin analogue 14p protects against myocardial ischemia reperfusion injury through Nrf2-activating anti-oxidative activity. <i>Toxicology and Applied Pharmacology</i> , 2015, 282, 175-183.	2.8	69
40	Licochalcone A Inhibits the Proliferation of Human Lung Cancer Cell Lines A549 and H460 by Inducing G2/M Cell Cycle Arrest and ER Stress. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1761.	4.1	69
41	Inhibition of LPS-induced production of inflammatory factors in the macrophages by mono-carbonyl analogues of curcumin. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3370-3379.	3.6	68
42	Curcumin analog EF24 induces apoptosis via ROS-dependent mitochondrial dysfunction in human colorectal cancer cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2016, 78, 1151-1161.	2.3	65
43	Inhibition of epidermal growth factor receptor attenuates atherosclerosis via decreasing inflammation and oxidative stress. <i>Scientific Reports</i> , 2017, 7, 45917.	3.3	65
44	Curcumin Analog L48H37 Prevents Lipopolysaccharide-Induced TLR4 Signaling Pathway Activation and Sepsis via Targeting MD2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 353, 539-550.	2.5	64
45	MicroRNA-224 is implicated in lung cancer pathogenesis through targeting caspase-3 and caspase-7. <i>Oncotarget</i> , 2015, 6, 21802-21815.	1.8	63
46	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
47	Design, Synthesis, and Structure-Activity Relationship Study of Novel Indole-2-carboxamide Derivatives as Anti-inflammatory Agents for the Treatment of Sepsis. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4637-4650.	6.4	61
48	Curcumin suppresses gastric tumor cell growth via ROS-mediated DNA polymerase $\beta$ depletion disrupting cellular bioenergetics. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 47.	8.6	61
49	Blockage of ROS and NF- $\kappa$ B-mediated inflammation by a new chalcone L6H9 protects cardiomyocytes from hyperglycemia-induced injuries. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1230-1241.	3.8	60
50	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
51	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
52	Small molecule inhibition of fibroblast growth factor receptors in cancer. <i>Cytokine and Growth Factor Reviews</i> , 2013, 24, 467-475.	7.2	58
53	Discovery and evaluation of piperid-4-one-containing mono-carbonyl analogs of curcumin as anti-inflammatory agents. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3058-3065.	3.0	58
54	Novel <sc>EGFR</sc> inhibitors attenuate cardiac hypertrophy induced by angiotensin II. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 482-494.	3.6	58

#	ARTICLE	IF	CITATIONS
55	EGFR Inhibition Blocks Palmitic Acid-induced inflammation in cardiomyocytes and Prevents Hyperlipidemia-induced Cardiac Injury in Mice. <i>Scientific Reports</i> , 2016, 6, 24580.	3.3	58
56	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
57	Inhibition of JNK by novel curcumin analog C66 prevents diabetic cardiomyopathy with a preservation of cardiac metallothionein expression. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1239-E1247.	3.5	54
58	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
59	Discovery of a New Inhibitor of Myeloid Differentiation 2 from Cinnamamide Derivatives with Anti-Inflammatory Activity in Sepsis and Acute Lung Injury. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2436-2451.	6.4	52
60	Inhibition of high glucose-induced inflammation and fibrosis by a novel curcumin derivative prevents renal and heart injury in diabetic mice. <i>Toxicology Letters</i> , 2017, 278, 48-58.	0.8	52
61	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
62	Myeloid Differentiation Primary Response Protein 88 (MyD88): The Central Hub of TLR/IL-1R Signaling. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 13316-13329.	6.4	52
63	EGFR inhibition protects cardiac damage and remodeling through attenuating oxidative stress in STZ-induced diabetic mouse model. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 82, 63-74.	1.9	51
64	Synthesis and optimization of novel allylated mono-carbonyl analogs of curcumin (MACs) act as potent anti-inflammatory agents against LPS-induced acute lung injury (ALI) in rats. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 181-193.	5.5	51
65	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
66	miR-130a Deregulates PTEN and Stimulates Tumor Growth. <i>Cancer Research</i> , 2017, 77, 6168-6178.	0.9	50
67	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
68	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
69	Rational combination of MEK inhibitor and the STAT3 pathway modulator for the therapy in K-Ras mutated pancreatic and colon cancer cells. <i>Oncotarget</i> , 2015, 6, 14472-14487.	1.8	46
70	Selective killing of gastric cancer cells by a small molecule via targeting TrxR1 and ROS-mediated ER stress activation. <i>Oncotarget</i> , 2016, 7, 16593-16609.	1.8	46
71	Discovery of new MD2 inhibitor from chalcone derivatives with anti-inflammatory effects in LPS-induced acute lung injury. <i>Scientific Reports</i> , 2016, 6, 25130.	3.3	45
72	Metal-free regioselective C <sup>6</sup> H chalcogenylation of coumarins/(hetero)arenes at ambient temperature. <i>Chemical Communications</i> , 2020, 56, 1847-1850.	4.1	45

#	ARTICLE	IF	CITATIONS
73	EF24 induces ROS-mediated apoptosis <i>via</i> targeting <i>thioredoxin reductase 1</i> in gastric cancer cells. <i>Oncotarget</i> , 2016, 7, 18050-18064.	1.8	45
74	The Prevention of Diabetic Cardiomyopathy by Non-Mitogenic Acidic Fibroblast Growth Factor Is Probably Mediated by the Suppression of Oxidative Stress and Damage. <i>PLoS ONE</i> , 2013, 8, e82287.	2.5	44
75	Metabolism-Associated Molecular Patterns (MAMPs). <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 712-724.	7.1	44
76	Angiotensin II Causes Biphasic STAT3 Activation Through TLR4 to Initiate Cardiac Remodeling. <i>Hypertension</i> , 2018, 72, 1301-1311.	2.7	43
77	<i>Escherichia coli</i> adhesion portion FimH functions as an adjuvant for cancer immunotherapy. <i>Nature Communications</i> , 2020, 11, 1187.	12.8	43
78	FGF1 <sup>HBS</sup> prevents diabetic cardiomyopathy by maintaining mitochondrial homeostasis and reducing oxidative stress <i>via</i> AMPK/Nur77 suppression. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 133.	17.1	43
79	Curcuminoid EF24 enhances the anti-tumour activity of Akt inhibitor MK2206 through ROS-mediated endoplasmic reticulum stress and mitochondrial dysfunction in gastric cancer. <i>British Journal of Pharmacology</i> , 2017, 174, 1131-1146.	5.4	42
80	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
81	Selective Targeting of Cancer Cells by Oxidative Vulnerabilities with Novel Curcumin Analogs. <i>Scientific Reports</i> , 2017, 7, 1105.	3.3	41
82	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
83	Macrophage-derived myeloid differentiation protein 2 plays an essential role in ox-LDL-induced inflammation and atherosclerosis. <i>EBioMedicine</i> , 2020, 53, 102706.	6.1	41
84	Isoliquiritigenin attenuates diabetic cardiomyopathy <i>via</i> inhibition of hyperglycemia-induced inflammatory response and oxidative stress. <i>Phytomedicine</i> , 2020, 78, 153319.	5.3	40
85	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
86	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
87	A Newly Designed Curcumin Analog Y20 Mitigates Cardiac Injury <i>via</i> Anti-Inflammatory and Anti-Oxidant Actions in Obese Rats. <i>PLoS ONE</i> , 2015, 10, e0120215.	2.5	38
88	Curcumin analog L48H37 induces apoptosis through ROS-mediated endoplasmic reticulum stress and STAT3 pathways in human lung cancer cells. <i>Molecular Carcinogenesis</i> , 2017, 56, 1765-1777.	2.7	38
89	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
90	miRNA-mediated TUSC3 deficiency enhances UPR and ERAD to promote metastatic potential of NSCLC. <i>Nature Communications</i> , 2018, 9, 5110.	12.8	38

#	ARTICLE	IF	CITATIONS
91	Kaempferol reduces K63-linked polyubiquitination to inhibit nuclear factor- $\kappa$ B and inflammatory responses in acute lung injury in mice. <i>Toxicology Letters</i> , 2019, 306, 53-60.	0.8	38
92	Ruthenium(II)-Catalyzed C-H Activation of Chromones with Maleimides to Synthesize Succinimide/Maleimide-Containing Chromones. <i>Journal of Organic Chemistry</i> , 2020, 85, 9230-9243.	3.2	38
93	Design, Synthesis, and Biological Evaluation of Novel Quinazoline Derivatives as Anti-inflammatory Agents against Lipopolysaccharide-induced Acute Lung Injury in Rats. <i>Chemical Biology and Drug Design</i> , 2015, 85, 672-684.	3.2	37
94	A novel chalcone derivative attenuates the diabetes-induced renal injury via inhibition of high glucose-mediated inflammatory response and macrophage infiltration. <i>Toxicology and Applied Pharmacology</i> , 2015, 282, 129-138.	2.8	37
95	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
96	FGF21 and DPP-4 inhibitor equally prevents cognitive decline in obese rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1663-1672.	5.6	36
97	CHK2-FOXK axis promotes transcriptional control of autophagy programs. <i>Science Advances</i> , 2020, 6, eaax5819.	10.3	36
98	Pattern recognition receptor-mediated inflammation in diabetic vascular complications. <i>Medicinal Research Reviews</i> , 2020, 40, 2466-2484.	10.5	36
99	Exercise-Induced Irisin Decreases Inflammation and Improves NAFLD by Competitive Binding with MD2. <i>Cells</i> , 2021, 10, 3306.	4.1	36
100	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
101	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
102	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
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	EGFR mediates hyperlipidemia-induced renal injury via regulating inflammation and oxidative stress: the detrimental role and mechanism of EGFR activation. <i>Oncotarget</i> , 2016, 7, 24361-24373.	1.8	34
105	Arachidonic acid inhibits inflammatory responses by binding to myeloid differentiation factor-2 (MD2) and preventing MD2/toll-like receptor 4 signaling activation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165683.	3.8	34
106	Evaluation of a curcumin analog as an anti-cancer agent inducing ER stress-mediated apoptosis in non-small cell lung cancer cells. <i>BMC Cancer</i> , 2013, 13, 494.	2.6	33
107	Selective killing of gastric cancer cells by a small molecule targeting ROS-mediated ER stress activation. <i>Molecular Carcinogenesis</i> , 2016, 55, 1073-1086.	2.7	33
108	Inhibition of myeloid differentiation factor 2 by baicalein protects against acute lung injury. <i>Phytomedicine</i> , 2019, 63, 152997.	5.3	33

#	ARTICLE	IF	CITATIONS
109	Discovery and identification of new non-ATP competitive FGFR1 inhibitors with therapeutic potential on non-small-cell lung cancer. <i>Cancer Letters</i> , 2014, 344, 82-89.	7.2	32
110	EGFR inhibition attenuates diabetic nephropathy through decreasing ROS and endoplasmic reticulum stress. <i>Oncotarget</i> , 2017, 8, 32655-32667.	1.8	32
111	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
112	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
113	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
114	Tetrahydroisoquinoline-7-carboxamide Derivatives as New Selective Discoidin Domain Receptor 1 (DDR1) Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 327-332.	2.8	31
115	Synthesis and evaluation of asymmetric curcuminoid analogs as potential anticancer agents that downregulate NF- $\kappa$ B activation and enhance the sensitivity of gastric cancer cell lines to irinotecan chemotherapy. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 917-925.	5.5	31
116	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
117	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
118	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
119	Molecular basis for receptor tyrosine kinase A-loop tyrosine transphosphorylation. <i>Nature Chemical Biology</i> , 2020, 16, 267-277.	8.0	31
120	A novel fibroblast growth factor receptor 1 inhibitor protects against cartilage degradation in a murine model of osteoarthritis. <i>Scientific Reports</i> , 2016, 6, 24042.	3.3	30
121	Osthole Protects against Acute Lung Injury by Suppressing NF- $\kappa$ B-Dependent Inflammation. <i>Mediators of Inflammation</i> , 2018, 2018, 1-12.	3.0	30
122	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
123	Chemopreventive effect of chalcone derivative, L2H17, in colon cancer development. <i>BMC Cancer</i> , 2015, 15, 870.	2.6	29
124	Niclosamide inhibition of STAT3 synergizes with erlotinib in human colon cancer. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 1767-1776.	2.0	29
125	Fibroblast growth factor-21 restores insulin sensitivity but induces aberrant bone microstructure in obese insulin-resistant rats. <i>Journal of Bone and Mineral Metabolism</i> , 2017, 35, 142-149.	2.7	28
126	Increased Intracellular Reactive Oxygen Species Mediates the Anti-Cancer Effects of WZ35 via Activating Mitochondrial Apoptosis Pathway in Prostate Cancer Cells. <i>Prostate</i> , 2017, 77, 489-504.	2.3	28



#	ARTICLE	IF	CITATIONS
127	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
128	Baicalein attenuates OVA-induced allergic airway inflammation through the inhibition of the NF- $\kappa$ B signaling pathway. <i>Aging</i> , 2019, 11, 9310-9327.	3.1	28
129	Discovery and evaluation of asymmetrical monocarbonyl analogs of curcumin as anti-inflammatory agents. <i>Drug Design, Development and Therapy</i> , 2014, 8, 373.	4.3	27
130	Synthesis and biological evaluation of a novel class of curcumin analogs as anti-inflammatory agents for prevention and treatment of sepsis in mouse model. <i>Drug Design, Development and Therapy</i> , 2015, 9, 1663.	4.3	27
131	(S)-crizotinib induces apoptosis in human non-small cell lung cancer cells by activating ROS independent of MTH1. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 120.	8.6	27
132	Novel allylated monocarbonyl analogs of curcumin induce mitotic arrest and apoptosis by reactive oxygen species-mediated endoplasmic reticulum stress and inhibition of STAT3. <i>Oncotarget</i> , 2017, 8, 101112-101129.	1.8	27
133	Schizandrin B attenuates angiotensin II induced endothelial to mesenchymal transition in vascular endothelium by suppressing NF- $\kappa$ B activation. <i>Phytomedicine</i> , 2019, 62, 152955.	5.3	27
134	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
135	Synthesis and biological evaluation of novel oxindole-based RTK inhibitors as anti-cancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6953-6960.	3.0	26
136	Design, synthesis and biological evaluation of paralleled Aza resveratrol-chalcone compounds as potential anti-inflammatory agents for the treatment of acute lung injury. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2998-3004.	2.2	26
137	Inhibition of inflammation and oxidative stress by an imidazopyridine derivative X22 prevents heart injury from obesity. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1427-1442.	3.6	26
138	Design, Synthesis, and Structure-Activity Relationship Analysis of Thiazolo[3,2-a]pyrimidine Derivatives with Anti-inflammatory Activity in Acute Lung Injury. <i>ChemMedChem</i> , 2017, 12, 1022-1032.	3.2	26
139	A self-assembling luminescent lanthanide molecular nanoparticle with potential for live cell imaging. <i>Chemical Science</i> , 2018, 9, 4630-4637.	7.4	26
140	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
141	Selective targeting of the TLR4 co-receptor, MD2, prevents colon cancer growth and lung metastasis. <i>International Journal of Biological Sciences</i> , 2020, 16, 1288-1301.	6.4	26
142	Feedback activation of EGFR is the main cause for STAT3 inhibition-irresponsiveness in pancreatic cancer cells. <i>Oncogene</i> , 2020, 39, 3997-4013.	5.9	26
143	Attenuation of inflammatory response by a novel chalcone protects kidney and heart from hyperglycemia-induced injuries in type 1 diabetic mice. <i>Toxicology and Applied Pharmacology</i> , 2015, 288, 179-191.	2.8	25
144	11 $\beta$ -Hydroxysteroid Dehydrogenase Type 1 (11 $\beta$ -HSD1) mediates insulin resistance through JNK activation in adipocytes. <i>Scientific Reports</i> , 2016, 6, 37160.	3.3	25

#	ARTICLE	IF	CITATIONS
145	Small-molecule RL71-triggered excessive autophagic cell death as a potential therapeutic strategy in triple-negative breast cancer. <i>Cell Death and Disease</i> , 2017, 8, e3049-e3049.	6.3	25
146	Biomimetic synthesis of the natural product salvadiolone 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
147	Novel Epidermal Growth Factor Receptor Inhibitor Attenuates Angiotensin II-Induced Kidney Fibrosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 356, 32-42.	2.5	24
148	Insights into the binding mode of curcumin to MD-2: studies from molecular docking, molecular dynamics simulations and experimental assessments. <i>Molecular BioSystems</i> , 2015, 11, 1933-1938.	2.9	24
149	A novel STAT3 inhibitor HO-3867 induces cell apoptosis by reactive oxygen species-dependent endoplasmic reticulum stress in human pancreatic cancer cells. <i>Anti-Cancer Drugs</i> , 2017, 28, 392-400.	1.4	24
150	Development of resveratrol-curcumin hybrids as potential therapeutic agents for inflammatory lung diseases. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 478-491.	5.5	24
151	&lt;p&gt;Acid-responsive nanoparticles as a novel oxidative stress-inducing anticancer therapeutic agent for colon cancer&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 1597-1618.	6.7	24
152	Synthesis and Evaluation of a Series of Novel Asymmetrical Curcumin Analogs for the Treatment of Inflammation. <i>Molecules</i> , 2014, 19, 7287-7307.	3.8	23
153	Design, synthesis, and anticancer evaluation of long-chain alkoxyated mono-carbonyl analogues of curcumin. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 44-55.	5.5	23
154	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
155	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
156	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
157	MD2 Blockage Protects Obesity-Induced Vascular Remodeling via Activating AMPK/Nrf2. <i>Obesity</i> , 2017, 25, 1532-1539.	3.0	22
158	Inhibition of epidermal growth factor receptor attenuates LPS-induced inflammation and acute lung injury in rats. <i>Oncotarget</i> , 2017, 8, 26648-26661.	1.8	22
159	Design, synthesis and biological activity of novel asymmetric C66 analogs as anti-inflammatory agents for the treatment of acute lung injury. <i>European Journal of Medicinal Chemistry</i> , 2015, 94, 436-446.	5.5	21
160	Da0324, an inhibitor of nuclear factor- $\kappa$ B activation, demonstrates selective antitumor activity on human gastric cancer cells. <i>Drug Design, Development and Therapy</i> , 2016, 10, 979.	4.3	21
161	Discovery of new MD2-targeted anti-inflammatory compounds for the treatment of sepsis and acute lung injury. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 726-740.	5.5	21
162	Transition-Metal-Free Radical C-H Methylation of Quinoxalines with TBHP. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 185-188.	2.7	21

#	ARTICLE	IF	CITATIONS
163	Synthesis and anti-tumor activity of EF24 analogues as IKK $\beta$ inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 218-228.	5.5	19
164	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
165	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
166	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
167	Inhibition of EGFR-STAT3 attenuates cardiomyopathy in streptozotocin-induced type 1 diabetes. <i>Journal of Endocrinology</i> , 2019, 242, 199-210.	2.6	19
168	Inhibition of Mitogen-Activated Protein Kinases/Nuclear Factor $\kappa$ B-Dependent Inflammation by a Novel Chalcone Protects the Kidney from High Fat Diet-Induced Injuries in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 355, 235-246.	2.5	18
169	Cannabinoid receptors are involved in the protective effect of a novel curcumin derivative C66 against CCl <sub>4</sub> -induced liver fibrosis. <i>European Journal of Pharmacology</i> , 2016, 779, 22-30.	3.5	18
170	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
171	(S)-crizotinib reduces gastric cancer growth through oxidative DNA damage and triggers pro-survival akt signal. <i>Cell Death and Disease</i> , 2018, 9, 660.	6.3	18
172	Curcumin Analogs Reduce Stress and Inflammation Indices in Experimental Models of Diabetes. <i>Frontiers in Endocrinology</i> , 2019, 10, 887.	3.5	18
173	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
174	Small molecule RL71 targets SERCA2 at a novel site in the treatment of human colorectal cancer. <i>Oncotarget</i> , 2015, 6, 37613-37625.	1.8	18
175	Targeting myeloid differentiation protein 2 by the new chalcone L2H21 protects LPS-induced acute lung injury. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 746-757.	3.6	17
176	Structure-based design and synthesis of 2,4-diaminopyrimidines as EGFR L858R/T790M selective inhibitors for NSCLC. <i>European Journal of Medicinal Chemistry</i> , 2017, 140, 510-527.	5.5	17
177	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
178	Piperlongumine reduces ovalbumin-induced asthma and airway inflammation by regulating nuclear factor- $\kappa$ B activation. <i>International Journal of Molecular Medicine</i> , 2019, 44, 1855-1865.	4.0	17
179	Discovery and evaluation of novel anti-inflammatory derivatives of natural bioactive curcumin. <i>Drug Design, Development and Therapy</i> , 2014, 8, 2161.	4.3	16
180	Allylated Curcumin Analog CA6 Inhibits TrxR1 and Leads to ROS-Dependent Apoptotic Cell Death in Gastric Cancer Through Akt-FoxO3a. <i>Cancer Management and Research</i> , 2020, Volume 12, 247-263.	1.9	16

#	ARTICLE	IF	CITATIONS
181	Bicyclol ameliorates nonalcoholic fatty liver disease in mice via inhibiting MAPKs and NF- $\kappa$ B signaling pathways. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111874.	5.6	16
182	Activating $\alpha$ 7nAChR ameliorates abdominal aortic aneurysm through inhibiting pyroptosis mediated by NLRP3 inflammasome. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 2585-2595.	6.1	16
183	Design, Synthesis, and Biological Evaluation of $\alpha$ -Aminopropyl Silatrane- $\alpha$ -Acyclovir Hybrids with Immunomodulatory Effects. <i>Chemical Biology and Drug Design</i> , 2015, 86, 905-910.	3.2	15
184	W346 inhibits cell growth, invasion, induces cycle arrest and potentiates apoptosis in human gastric cancer cells in vitro through the NF- $\kappa$ B signaling pathway. <i>Tumor Biology</i> , 2016, 37, 4791-4801.	1.8	15
185	New EGFR inhibitor, 453, prevents renal fibrosis in angiotensin II-stimulated mice. <i>European Journal of Pharmacology</i> , 2016, 789, 421-430.	3.5	15
186	Palladium-catalyzed ortho C-H bond alkylation of benzylamides with $\alpha$ -bromo ketones. <i>RSC Advances</i> , 2016, 6, 54984-54992.	3.6	15
187	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
188	Design, synthesis, and structure&ndash;activity relationships of 2-benzylidene-1-indanone derivatives as anti-inflammatory agents for treatment of acute lung injury. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 887-899.	4.3	15
189	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
190	Myeloid Differentiation Protein 2 Mediates Angiotensin II-Induced Liver Inflammation and Fibrosis in Mice. <i>Molecules</i> , 2020, 25, 25.	3.8	14
191	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
192	Antiproliferative effects of curcumin analog L49H37 in pancreatic stellate cells: a comparative study. <i>Annals of Gastroenterology</i> , 2015, 28, 391-398.	0.6	14
193	n-Butanol extract from <i>Folium isatidis</i> inhibits lipopolysaccharide-induced inflammatory cytokine production in macrophages and protects mice against lipopolysaccharide-induced endotoxic shock. <i>Drug Design, Development and Therapy</i> , 2015, 9, 5601.	4.3	13
194	Inhibition of ROS and inflammation by an imidazopyridine derivative X22 attenuate high fat diet-induced arterial injuries. <i>Vascular Pharmacology</i> , 2015, 72, 153-162.	2.1	13
195	Discovery and anti-cancer evaluation of two novel non-ATP-competitive FGFR1 inhibitors in non-small-cell lung cancer. <i>BMC Cancer</i> , 2015, 15, 276.	2.6	13
196	Theoretical studies on FGFR isoform selectivity of FGFR1/FGFR4 inhibitors by molecular dynamics simulations and free energy calculations. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 3649-3659.	2.8	13
197	Myeloid differentiation protein 2-dependent mechanisms in retinal ischemia-reperfusion injury. <i>Toxicology and Applied Pharmacology</i> , 2017, 317, 1-11.	2.8	13
198	Blockade of myeloid differentiation protein 2 prevents obesity-induced inflammation and nephropathy. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 3776-3786.	3.6	13

#	ARTICLE	IF	CITATIONS
199	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
200	Curcumin analogue C66 attenuates obesity-induced myocardial injury by inhibiting JNK-mediated inflammation. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112121.	5.6	13
201	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
202	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
203	Synthesis, structure, and bioevaluation of 2,5-bis(arylmethenyl)cyclopentanones. <i>Journal of Asian Natural Products Research</i> , 2008, 10, 957-965.	1.4	11
204	Anti-Lung Cancer Activity of the Curcumin Analog JZ534 In Vitro. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	11
205	Synthesis and Anti-inflammatory Evaluation of Novel C66 Analogs for the Treatment of LPS-induced Acute Lung Injury. <i>Chemical Biology and Drug Design</i> , 2015, 86, 753-763.	3.2	11
206	A novel imidazopyridine derivative, X22, prevents the retinal ischemia-reperfusion injury via inhibition of MAPKs. <i>Experimental Eye Research</i> , 2015, 135, 26-36.	2.6	11
207	Cycloartenyl Ferulate Inhibits Paraquat-induced Apoptosis in HK2 Cells With the Involvement of ABCB1. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 872-880.	2.6	11
208	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
209	Isodeoxyelephantopin Inactivates Thioredoxin Reductase 1 and Activates ROS-Mediated JNK Signaling Pathway to Exacerbate Cisplatin Effectiveness in Human Colon Cancer Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 580517.	3.7	11
210	Compound LM9, a novel MyD88 inhibitor, efficiently mitigates inflammatory responses and fibrosis in obesity-induced cardiomyopathy. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 1093-1101.	6.1	11
211	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
212	Myeloid differentiation 2 deficiency attenuates AngII-induced arterial vascular oxidative stress, inflammation, and remodeling. <i>Aging</i> , 2021, 13, 4409-4427.	3.1	11
213	Curcumin analogue C66 attenuates obesity-induced renal injury by inhibiting chronic inflammation. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111418.	5.6	11
214	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
215	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
216	The novel chalcone analog L2H17 protects retinal ganglion cells from oxidative stress-induced apoptosis. <i>Neural Regeneration Research</i> , 2018, 13, 1665.	3.0	11

#	ARTICLE	IF	CITATIONS
217	Design, synthesis and preliminary biological evaluation of C-8 substituted guanine derivatives as small molecular inhibitors of FGFRs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1556-1560.	2.2	10
218	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
219	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
220	Inhibition of 11 $\beta$ -HSD1 by LG13 improves glucose metabolism in type 2 diabetic mice. <i>Journal of Molecular Endocrinology</i> , 2015, 55, 119-131.	2.5	9
221	Inhibition of MyD88 by LM8 Attenuates Obesity-Induced Cardiac Injury. <i>Journal of Cardiovascular Pharmacology</i> , 2020, 76, 63-70.	1.9	9
222	Quantitative Prediction of Hemolytic Toxicity for Small Molecules and Their Potential Hemolytic Fragments by Machine Learning and Recursive Fragmentation Methods. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 3231-3245.	5.4	9
223	CDK9 inhibition improves diabetic nephropathy by reducing inflammation in the kidneys. <i>Toxicology and Applied Pharmacology</i> , 2021, 416, 115465.	2.8	9
224	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
225	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
226	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
227	11 $\beta$ -HSD1 inhibition ameliorates diabetes-induced cardiomyocyte hypertrophy and cardiac fibrosis through modulation of EGFR activity. <i>Oncotarget</i> , 2017, 8, 96263-96275.	1.8	8
228	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
229	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
230	TLR2 regulates angiotensin II-induced vascular remodeling and EndMT through NF- $\kappa$ B signaling. <i>Aging</i> , 2021, 13, 2553-2574.	3.1	8
231	Synthesis and biological evaluation of novel indole-2-one and 7-aza-2-oxindole derivatives as anti-inflammatory agents. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1869.	4.3	7
232	A novel double carbonyl analog of curcumin induces the apoptosis of human lung cancer H460 cells via the activation of the endoplasmic reticulum stress signaling pathway. <i>Oncology Reports</i> , 2016, 36, 1640-1648.	2.6	7
233	Comparisons of cardioprotective efficacy between fibroblast growth factor 21 and dipeptidyl peptidase-4 inhibitor in prediabetic rats. <i>Cardiovascular Therapeutics</i> , 2017, 35, e12263.	2.5	7
234	Indole-2-Carboxamide Derivative LG25 Inhibits Triple-Negative Breast Cancer Growth By Suppressing Akt/mTOR/NF- $\kappa$ B Signalling Pathway. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 3539-3550.	4.3	7

#	ARTICLE	IF	CITATIONS
235	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
236	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
237	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
238	Bicyclol Attenuates Obesity-Induced Cardiomyopathy via Inhibiting NF- $\kappa$ B and MAPK Signaling Pathways. <i>Cardiovascular Drugs and Therapy</i> , 0, , .	2.6	7
239	A peptide derivative serves as a fibroblast growth factor 2 antagonist in human gastric cancer. <i>Tumor Biology</i> , 2015, 36, 7233-7241.	1.8	6
240	n-butanol extract from <i>Folium Ælisatisidis</i> inhibits the lipopolysaccharide-induced downregulation of CXCR1 and CXCR2 on human neutrophils. <i>Molecular Medicine Reports</i> , 2017, 17, 179-185.	2.4	6
241	A novel topoisomerase I inhibitor DIA-001 induces DNA damage mediated cell cycle arrest and apoptosis in cancer cell. <i>Annals of Translational Medicine</i> , 2020, 8, 89-89.	1.7	6
242	Palladium-Catalyzed Direct Mono- or Polyhalogenation of Benzothiadiazole Derivatives. <i>Journal of Organic Chemistry</i> , 2020, 85, 3788-3798.	3.2	6
243	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
244	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
245	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
246	Synthesis and biological evaluation of novel semi-conservative monocarbonyl analogs of curcumin as anti-inflammatory agents. <i>MedChemComm</i> , 2015, 6, 1328-1339.	3.4	5
247	Curcumin analogue, A13, exhibits anti-leukemia effect via inhibiting STAT3. <i>Tumor Biology</i> , 2016, 37, 9959-9966.	1.8	5
248	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
249	5-Bis-(2,6-difluoro-benzylidene) Cyclopentanone Acts as a Selective 11 $\beta$ -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
250	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
251	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
252	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

#	ARTICLE	IF	CITATIONS
253	Design, synthesis, and evaluation of semi-conservative mono-carbonyl analogs of curcumin as anti-inflammatory agents against lipopolysaccharide-induced acute lung injury. <i>MedChemComm</i> , 2015, 6, 1544-1553.	3.4	4
254	Curcumin Analogue CA15 Exhibits Anticancer Effects on HEp-2 Cells via Targeting NF- $\kappa$ B. <i>BioMed Research International</i> , 2017, 2017, 1-10.	1.9	4
255	H <sub>2</sub> O <sub>2</sub> enhances the anticancer activity of TMPyP4 by ROS-mediated mitochondrial dysfunction and DNA damage. <i>Medical Oncology</i> , 2021, 38, 59.	2.5	4
256	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
257	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
258	A novel salvianone derivative, compound 15a, attenuates diabetes-induced renal injury by inhibiting NF- $\kappa$ B-mediated inflammatory responses. <i>Toxicology and Applied Pharmacology</i> , 2020, 409, 115322.	2.8	3
259	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
260	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
261	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
262	Crystal structure of (2E,6E)-2,6-bis[2-(trifluoromethyl)benzylidene]cyclohexanone, C <sub>22</sub> H <sub>16</sub> F <sub>6</sub> O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2015, 230, 271-272.	0.3	2
263	The Prognostic Value of Combination of Plasma Fibrinogen and CA19-9 in Non-Distant Metastatic Breast Cancer Patients Undergoing Surgery. <i>Cancer Management and Research</i> , 2020, Volume 12, 8875-8886.	1.9	2
264	Cinobufagin suppresses colorectal cancer growth via STAT3 pathway inhibition. <i>American Journal of Cancer Research</i> , 2021, 11, 200-214.	1.4	2
265	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
266	The imidazopyridine derivative X22 prevents diabetic kidney dysfunction through inactivating NF- $\kappa$ B signaling. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 877-882.	2.1	1
267	Synthesis and Biological Evaluation of Acetylenic Chalcones as Novel Anti-Inflammatory Agents. <i>Medicinal Chemistry</i> , 2015, 11, 567-572.	1.5	1
268	Synthesis and biological evaluation of curcumin analogues without the beta-diketone moiety. <i>FASEB Journal</i> , 2008, 22, 720.13.	0.5	1
269	Myeloid differentiation 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
270	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



#	ARTICLE	IF	CITATIONS
271	Prevention of HIV protease inhibitor-induced inflammatory response and ER stress by berberine in macrophages. <i>FASEB Journal</i> , 2008, 22, 1037.2.	0.5	0
272	A Novel Mono-carbonyl Analogue of Curcumin Induces Apoptosis by Activating ER Stress in Non-small Lung Cancer Cells. <i>FASEB Journal</i> , 2010, 24, 703.14.	0.5	0
273	An Oxygen-chelate Precious Metal-based Complex, Palladium bis-Acetylacetonate, Induces Apoptosis in Lung Cancer H460 cells via Endoplasmic Reticulum Stress Pathway rather than interacting with DNA. <i>FASEB Journal</i> , 2013, 27, 1033.1.	0.5	0
274	Discovery of selective inhibitors of fibroblast growth factor receptor 1 kinase with potent anti-human lung carcinoma activity. <i>FASEB Journal</i> , 2013, 27, 601.6.	0.5	0
275	Wagonin inhibits LPS-induced expression of inflammatory cytokines by promoting mRNA degradation in macrophages. <i>FASEB Journal</i> , 2013, 27, 1033.3.	0.5	0
276	Novel EGFR inhibitors attenuate Ang II-induced cardiac hypertrophy (794.3). <i>FASEB Journal</i> , 2014, 28, 794.3.	0.5	0
277	Myeloid differentiation factor 2 inhibitor, 2iL10, 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
278	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