Guang Liang

List of Publications by Year
in descending order

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170 papers	7,399 citations	44066 48 h-index	74160 75 g-index
171 all docs	171 docs citations	171 times ranked	9483 citing authors

#	Article	IF	Citations
1	Î±-Klotho is a non-enzymatic molecular scaffold for FGF23 hormone signalling. Nature, 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. Bioorganic and Medicinal Chemistry, 2009, 17, 2623-2631.	3.0	288
3	Feedback Activation of STAT3 as a Cancer Drug-Resistance Mechanism. Trends in Pharmacological Sciences, 2016, 37, 47-61.	8.7	190
4	Evaluation and Discovery of Novel Synthetic Chalcone Derivatives as Anti-Inflammatory Agents. Journal of Medicinal Chemistry, 2011, 54, 8110-8123.	6.4	182
5	Saturated palmitic acid induces myocardial inflammatory injuries through direct binding to TLR4 accessory protein MD2. Nature Communications, 2017, 8, 13997.	12.8	166
6	Inhibition of JNK Phosphorylation by a Novel Curcumin Analog Prevents High Glucoseâ€“Induced Inflammation and Apoptosis in Cardiomyocytes and the Development of Diabetic Cardiomyopathy. Diabetes, 2014, 63, 3497-3511.	0.6	160
7	Luteolin protects against diabetic cardiomyopathy by inhibiting NF-Î¹B-mediated inflammation and activating the Nrf2-mediated antioxidant responses. Phytomedicine, 2019, 59, 152774.	5.3	157
8	Inhibition of high glucoseâ€induced inflammatory response and macrophage infiltration by a novel curcumin derivative prevents renal injury in diabetic rats. British Journal of Pharmacology, 2012, 166, 1169-1182.	5.4	142
9	Curcumin protects hearts from FFA-induced injury by activating Nrf2 and inactivating NF-Î¹B both in vitro and in vivo. Journal of Molecular and Cellular Cardiology, 2015, 79, 1-12.	1.9	141
10	Celastrol Attenuates Angiotensin IIâ€“Induced Cardiac Remodeling by Targeting STAT3. Circulation Research, 2020, 126, 1007-1023.	4.5	127
11	ROS generation mediates the anti-cancer effects of WZ35 via activating JNK and ER stress apoptotic pathways in gastric cancer. Oncotarget, 2015, 6, 5860-5876.	1.8	126
12	Synthesis and anti-inflammatory activities of mono-carbonyl analogues of curcumin. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1525-1529.	2.2	123
13	Synthesis, crystal structure and anti-inflammatory properties of curcumin analogues. European Journal of Medicinal Chemistry, 2009, 44, 915-919.	5.5	117
14	Fibroblast growth factor 1 ameliorates diabetic nephropathy by an anti-inflammatory mechanism. Kidney International, 2018, 93, 95-109.	5.2	117
15	Piperlongumine as a direct TrxR1 inhibitor with suppressive activity against gastric cancer. Cancer Letters, 2016, 375, 114-126.	7.2	115
16	Synthesis and Anti-bacterial Properties of Mono-carbonyl Analogues of Curcumin. Chemical and Pharmaceutical Bulletin, 2008, 56, 162-167.	1.3	111
17	Auranofin induces apoptosis by ROS-mediated ER stress and mitochondrial dysfunction and displayed synergistic lethality with piperlongumine in gastric cancer. Oncotarget, 2015, 6, 36505-36521.	1.8	111
18	Anticancer molecules targeting fibroblast growth factor receptors. Trends in Pharmacological Sciences, 2012, 33, 531-541.	8.7	110

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19	Recent Progress of Small-Molecule Epidermal Growth Factor Receptor (EGFR) Inhibitors against C797S Resistance in Non-Small-Cell Lung Cancer. Journal of Medicinal Chemistry, 2018, 61, 4290-4300.	6.4	102
20	Synthesis and Anti-inflammatory Evaluation of Novel Benzimidazole and Imidazopyridine Derivatives. ACS Medicinal Chemistry Letters, 2013, 4, 69-74.	2.8	91
21	MD2 activation by direct AGE interaction drives inflammatory diabetic cardiomyopathy. Nature Communications, 2020, 11, 2148.	12.8	90
22	Synthesis and biological evaluation of allylated and prenylated mono-carbonyl analogs of curcumin as anti-inflammatory agents. European Journal of Medicinal Chemistry, 2014, 74, 671-682.	5.5	89
23	iRGD decorated lipid-polymer hybrid nanoparticles for targeted co-delivery of doxorubicin and sorafenib to enhance anti-hepatocellular carcinoma efficacy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1303-1311.	3.3	86
24	MD2 mediates angiotensin II-induced cardiac inflammation and remodeling via directly binding to Ang II and activating TLR4/NF-Î¹B signaling pathway. Basic Research in Cardiology, 2017, 112, 9.	5.9	84
25	Curcumin derivative WZ35 inhibits tumor cell growth via ROS-YAP-JNK signaling pathway in breast cancer. Journal of Experimental and Clinical Cancer Research, 2019, 38, 460.	8.6	75
26	Inhibition of STAT3 in tubular epithelial cells prevents kidney fibrosis and nephropathy in STZ-induced diabetic mice. Cell Death and Disease, 2019, 10, 848.	6.3	75
27	Angiotensin II induces kidney inflammatory injury and fibrosis through binding to myeloid differentiation protein-2 (MD2). Scientific Reports, 2017, 7, 44911.	3.3	73
28	Curcumin analog WZ35 induced cell death via ROS-dependent ER stress and G2/M cell cycle arrest in human prostate cancer cells. BMC Cancer, 2015, 15, 866.	2.6	70
29	<scp>MD</scp>â€2 as the target of a novel small molecule, <scp>L6H</scp>21, in the attenuation of <scp>LPS</scp>â€induced inflammatory response and sepsis. British Journal of Pharmacology, 2015, 172, 4391-4405.	5.4	69
30	Novel curcumin analogue 14p protects against myocardial ischemia reperfusion injury through Nrf2-activating anti-oxidative activity. Toxicology and Applied Pharmacology, 2015, 282, 175-183.	2.8	69
31	Inhibition of LPSâ€induced production of inflammatory factors in the macrophages by monoâ€carbonyl analogues of curcumin. Journal of Cellular and Molecular Medicine, 2009, 13, 3370-3379.	3.6	68
32	A Novel Monocarbonyl Analogue of Curcumin, (1E,4E)-1,5-Bis(2,3-dimethoxyphenyl)penta-1,4-dien-3-one, Induced Cancer Cell H460 Apoptosis via Activation of Endoplasmic Reticulum Stress Signaling Pathway. Journal of Medicinal Chemistry, 2011, 54, 3768-3778.	6.4	67
33	Curcumin analog EF24 induces apoptosis via ROS-dependent mitochondrial dysfunction in human colorectal cancer cells. Cancer Chemotherapy and Pharmacology, 2016, 78, 1151-1161.	2.3	65
34	Inhibition of epidermal growth factor receptor attenuates atherosclerosis via decreasing inflammation and oxidative stress. Scientific Reports, 2017, 7, 45917.	3.3	65
35	Curcumin Analog L48H37 Prevents Lipopolysaccharide-Induced TLR4 Signaling Pathway Activation and Sepsis via Targeting MD2. Journal of Pharmacology and Experimental Therapeutics, 2015, 353, 539-550.	2.5	64
36	Rhein sensitizes human pancreatic cancer cells to EGFR inhibitors by inhibiting STAT3 pathway. Journal of Experimental and Clinical Cancer Research, 2019, 38, 31.	8.6	63

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37	Design, Synthesis, and Structureâ€“Activity Relationship Study of Novel Indole-2-carboxamide Derivatives as Anti-inflammatory Agents for the Treatment of Sepsis. Journal of Medicinal Chemistry, 2016, 59, 4637-4650.	6.4	61
38	Blockage of ROS and NF-Î¹B-mediated inflammation by a new chalcone L6H9 protects cardiomyocytes from hyperglycemia-induced injuries. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1230-1241.	3.8	60
39	Synthesis of mono-carbonyl analogues of curcumin and their effects on inhibition of cytokine release in LPS-stimulated RAW 264.7 macrophages. Bioorganic and Medicinal Chemistry, 2010, 18, 2388-2393.	3.0	59
40	Shikonin inhibits myeloid differentiation protein 2 to prevent LPSâ€induced acute lung injury. British Journal of Pharmacology, 2018, 175, 840-854.	5.4	59
41	Small molecule inhibition of fibroblast growth factor receptors in cancer. Cytokine and Growth Factor Reviews, 2013, 24, 467-475.	7.2	58
42	Discovery and evaluation of piperid-4-one-containing mono-carbonyl analogs of curcumin as anti-inflammatory agents. Bioorganic and Medicinal Chemistry, 2013, 21, 3058-3065.	3.0	58
43	Synthesis and anti-inflammatory evaluation of novel mono-carbonyl analogues of curcumin in LPS-stimulated RAW 264.7 macrophages. European Journal of Medicinal Chemistry, 2010, 45, 5773-5780.	5.5	57
44	Discovery of a New Inhibitor of Myeloid Differentiation 2 from Cinnamamide Derivatives with Anti-Inflammatory Activity in Sepsis and Acute Lung Injury. Journal of Medicinal Chemistry, 2016, 59, 2436-2451.	6.4	52
45	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
46	Promising Curcumin-based Drug Design: Mono-carbonyl Analogues of Curcumin (MACs). Current Pharmaceutical Design, 2013, 19, 2114-2135.	1.9	52
47	Promising curcumin-based drug design: mono-carbonyl analogues of curcumin (MACs). Current Pharmaceutical Design, 2013, 19, 2114-35.	1.9	52
48	EGFR inhibition protects cardiac damage and remodeling through attenuating oxidative stress in STZ-induced diabetic mouse model. Journal of Molecular and Cellular Cardiology, 2015, 82, 63-74.	1.9	51
49	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. European Journal of Medicinal Chemistry, 2016, 121, 181-193.	5.5	51
50	Osthole inhibits triple negative breast cancer cells by suppressing STAT3. Journal of Experimental and Clinical Cancer Research, 2018, 37, 322.	8.6	50
51	Inhibition of <scp>MAPK</scp>â€mediated <scp>ACE</scp> expression by compound C66 prevents <scp>STZ</scp>â€induced diabetic nephropathy. Journal of Cellular and Molecular Medicine, 2014, 18, 231-241.	3.6	46
52	Discovery of new MD2 inhibitor from chalcone derivatives with anti-inflammatory effects in LPS-induced acute lung injury. Scientific Reports, 2016, 6, 25130.	3.3	45
53	EF24 induces ROS-mediated apoptosis via targeting thioredoxin reductase 1 in gastric cancer cells. Oncotarget, 2016, 7, 18050-18064.	1.8	45
54	Metabolism-Associated Molecular Patterns (MAMPs). Trends in Endocrinology and Metabolism, 2020, 31, 712-724.	7.1	44

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55	FGF1Î”HBS prevents diabetic cardiomyopathy by maintaining mitochondrial homeostasis and reducing oxidative stress via AMPK/Nur77 suppression. Signal Transduction and Targeted Therapy, 2021, 6, 133.	17.1	43
56	Curcuminoid EF24 enhances the antiâ€tumour activity of Akt inhibitor MKâ€2206 through ROSâ€mediated endoplasmic reticulum stress and mitochondrial dysfunction in gastric cancer. British Journal of Pharmacology, 2017, 174, 1131-1146.	5.4	42
57	Alantolactone sensitizes human pancreatic cancer cells to EGFR inhibitors through the inhibition of STAT3 signaling. Molecular Carcinogenesis, 2019, 58, 565-576.	2.7	42
58	Macrophage-derived myeloid differentiation protein 2 plays an essential role in ox-LDL-induced inflammation and atherosclerosis. EBioMedicine, 2020, 53, 102706.	6.1	41
59	Development of 2-amino-4-phenylthiazole analogues to disrupt myeloid differentiation factor 88 and prevent inflammatory responses in acute lung injury. European Journal of Medicinal Chemistry, 2019, 161, 22-38.	5.5	39
60	A Newly Designed Curcumin Analog Y20 Mitigates Cardiac Injury via Anti-Inflammatory and Anti-Oxidant Actions in Obese Rats. PLoS ONE, 2015, 10, e0120215.	2.5	38
61	Curcumin analog L48H37 induces apoptosis through ROSâ€mediated endoplasmic reticulum stress and STAT3 pathways in human lung cancer cells. Molecular Carcinogenesis, 2017, 56, 1765-1777.	2.7	38
62	Costunolide specifically binds and inhibits thioredoxin reductase 1 to induce apoptosis in colon cancer. Cancer Letters, 2018, 412, 46-58.	7.2	38
63	Ruthenium(II)-Catalyzed Câ€“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 chalcone derivative attenuates the diabetes-induced renal injury via inhibition of high glucose-mediated inflammatory response and macrophage infiltration. Toxicology and Applied Pharmacology, 2015, 282, 129-138.	2.8	37
65	NIS/TBHP Induced Regioselective Selenation of (Hetero)Arenes via Direct Câˆ’H Functionalization. ChemCatChem, 2018, 10, 5397-5401.	3.7	37
66	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. Journal of Medicinal Chemistry, 2019, 62, 5453-5469.	6.4	37
67	Pattern recognition receptorâ€mediated inflammation in diabetic vascular complications. Medicinal Research Reviews, 2020, 40, 2466-2484.	10.5	36
68	Exercise-Induced Irisin Decreases Inflammation and Improves NAFLD by Competitive Binding with MD2. Cells, 2021, 10, 3306.	4.1	36
69	Recent progress in the discovery of myeloid differentiation 2 (MD2) modulators for inflammatory diseases. Drug Discovery Today, 2018, 23, 1187-1202.	6.4	35
70	An Aza resveratrolâ€“chalcone derivative 6b protects mice against diabetic cardiomyopathy by alleviating inflammation and oxidative stress. Journal of Cellular and Molecular Medicine, 2018, 22, 1931-1943.	3.6	35
71	Schisandrin A inhibits triple negative breast cancer cells by regulating Wnt/ER stress signaling pathway. Biomedicine and Pharmacotherapy, 2019, 115, 108922.	5.6	35
72	Evaluation of a curcumin analog as an anti-cancer agent inducing ER stress-mediated apoptosis in non-small cell lung cancer cells. BMC Cancer, 2013, 13, 494.	2.6	33

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73	Selective killing of gastric cancer cells by a small molecule targeting ROSâ€mediated ER stress activation. Molecular Carcinogenesis, 2016, 55, 1073-1086.	2.7	33
74	Inhibition of myeloid differentiation factor 2 by baicalein protects against acute lung injury. Phytomedicine, 2019, 63, 152997.	5.3	33
75	Discovery and identification of new non-ATP competitive FGFR1 inhibitors with therapeutic potential on non-small-cell lung cancer. Cancer Letters, 2014, 344, 82-89.	7.2	32
76	Rhein shows potent efficacy against non-small-cell lung cancer through inhibiting the STAT3 pathway . Cancer Management and Research, 2019, Volume 11, 1167-1176.	1.9	32
77	Tetrahydroisoquinoline-7-carboxamide Derivatives as New Selective Discoidin Domain Receptor 1 (DDR1) Inhibitors. ACS Medicinal Chemistry Letters, 2017, 8, 327-332.	2.8	31
78	Schisandrin B exhibits potent anticancer activity in triple negative breast cancer by inhibiting STAT3. Toxicology and Applied Pharmacology, 2018, 358, 110-119.	2.8	31
79	Blockade of myeloid differentiation 2 attenuates diabetic nephropathy by reducing activation of the reninâ€angiotensin system in mouse kidneys. British Journal of Pharmacology, 2019, 176, 2642-2657.	5.4	31
80	Molecular basis for receptor tyrosine kinase A-loop tyrosine transphosphorylation. Nature Chemical Biology, 2020, 16, 267-277.	8.0	31
81	A novel fibroblast growth factor receptor 1 inhibitor protects against cartilage degradation in a murine model of osteoarthritis. Scientific Reports, 2016, 6, 24042.	3.3	30
82	Osthole Protects against Acute Lung Injury by Suppressing NF-ÎB-Dependent Inflammation. Mediators of Inflammation, 2018, 2018, 1-12.	3.0	30
83	Fibroblast growth factor receptor fusions in cancer: opportunities and challenges. Journal of Experimental and Clinical Cancer Research, 2021, 40, 345.	8.6	30
84	Increased Intracellular Reactive Oxygen Species Mediates the Antiâ€Cancer Effects of WZ35 via Activating Mitochondrial Apoptosis Pathway in Prostate Cancer Cells. Prostate, 2017, 77, 489-504.	2.3	28
85	Alantolactone promotes ER stressâ€mediated apoptosis by inhibition of TrxR1 in tripleâ€negative breast cancer cell lines and in a mouse model. Journal of Cellular and Molecular Medicine, 2019, 23, 2194-2206.	3.6	28
86	Baicalein attenuates OVA-induced allergic airway inflammation through the inhibition of the NF-ÎºB signaling pathway. Aging, 2019, 11, 9310-9327.	3.1	28
87	(S)-crizotinib induces apoptosis in human non-small cell lung cancer cells by activating ROS independent of MTH1. Journal of Experimental and Clinical Cancer Research, 2017, 36, 120.	8.6	27
88	Novel allylated monocarbonyl analogs of curcumin induce mitotic arrest and apoptosis by reactive oxygen species-mediated endoplasmic reticulum stress and inhibition of STAT3. Oncotarget, 2017, 8, 101112-101129.	1.8	27
89	Synthesis and biological evaluation of novel oxindole-based RTK inhibitors as anti-cancer agents. Bioorganic and Medicinal Chemistry, 2014, 22, 6953-6960.	3.0	26
90	Design, synthesis and biological evaluation of paralleled Aza resveratrolâ€“chalcone compounds as potential anti-inflammatory agents for the treatment of acute lung injury. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2998-3004.	2.2	26

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91	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
92	Feedback activation of EGFR is the main cause for STAT3 inhibition-irresponsiveness in pancreatic cancer cells. Oncogene, 2020, 39, 3997-4013.	5.9	26
93	Synthesis and crystal structure of chalcones as well as on cytotoxicity and antibacterial properties. Medicinal Chemistry Research, 2012, 21, 444-452.	2.4	25
94	Attenuation of inflammatory response by a novel chalcone protects kidney and heart from hyperglycemia-induced injuries in type 1 diabetic mice. Toxicology and Applied Pharmacology, 2015, 288, 179-191.	2.8	25
95	Synthesis and biological analysis of a new curcumin analogue for enhanced anti-tumor activity in HepG 2 cells. Oncology Reports, 2010, 23, 1435-41.	2.6	24
96	Development of resveratrol-curcumin hybrids as potential therapeutic agents for inflammatory lung diseases. European Journal of Medicinal Chemistry, 2017, 125, 478-491.	5.5	24
97	Design, Synthesis, and Biological Evaluation of 3-(Imidazo[1,2-a]pyrazin-3-ylethynyl)-4-isopropyl-N-(3-((4-methylpiperazin-1-yl)methyl)-5-(trifluoromethyl)phenyl)benzamide as a Dual Inhibitor of Discoidin Domain Receptors 1 and 2. Journal of Medicinal Chemistry, 2018, 61, 7977-7990.	6.4	24
98	A novel mono-carbonyl analogue of curcumin induces apoptosis in ovarian carcinoma cells via endoplasmic reticulum stress and reactive oxygen species production. Molecular Medicine Reports, 2011, 5, 739-44.	2.4	23
99	Synthesis and Evaluation of a Series of Novel Asymmetrical Curcumin Analogs for the Treatment of Inflammation. Molecules, 2014, 19, 7287-7307.	3.8	23
100	A novel MyD88 inhibitor LM9 prevents atherosclerosis by regulating inflammatory responses and oxidative stress in macrophages. Toxicology and Applied Pharmacology, 2019, 370, 44-55.	2.8	23
101	A Novel Compound C12 Inhibits Inflammatory Cytokine Production and Protects from Inflammatory Injury In Vivo. PLoS ONE, 2011, 6, e24377.	2.5	23
102	Curcumin derivative WZ35 efficiently suppresses colon cancer progression through inducing ROS production and ER stress-dependent apoptosis. American Journal of Cancer Research, 2017, 7, 275-288.	1.4	23
103	Inhibition of MD2â€dependent inflammation attenuates the progression of nonâ€alcoholic fatty liver disease. Journal of Cellular and Molecular Medicine, 2018, 22, 936-947.	3.6	22
104	MD2 Blockage Protects Obesityâ€Induced Vascular Remodeling via Activating AMPK/Nrf2. Obesity, 2017, 25, 1532-1539.	3.0	22
105	Curcumin Analogue A501 induces G2/M Arrest and Apoptosis in Non-small Cell Lung Cancer Cells. Asian Pacific Journal of Cancer Prevention, 2014, 15, 6893-6898.	1.2	22
106	Design, synthesis and biological activity of novel asymmetric C66 analogs as anti-inflammatory agents for the treatment of acute lung injury. European Journal of Medicinal Chemistry, 2015, 94, 436-446.	5.5	21
107	Typically inhibiting USP14 promotes autophagy in M1-like macrophages and alleviates CLP-induced sepsis. Cell Death and Disease, 2020, 11, 666.	6.3	20
108	FAK mediates LPS-induced inflammatory lung injury through interacting TAK1 and activating TAK1-NFÎºB pathway. Cell Death and Disease, 2022, 13, .	6.3	20

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109	Inhibition of STAT3 activation mediated by tollâ€like receptor 4 attenuates angiotensin Iiâ€induced renal fibrosis and dysfunction. British Journal of Pharmacology, 2019, 176, 2627-2641.	5.4	19
110	Inhibition Of JNK Phosphorylation By Curcumin Analog C66 Protects LPS-Induced Acute Lung Injury . Drug Design, Development and Therapy, 2019, Volume 13, 4161-4171.	4.3	19
111	A Novel Synthetic Mono-Carbonyl Analogue of Curcumin, A13, Exhibits Anti-Inflammatory Effects In vivo by Inhibition of Inflammatory Mediators. Inflammation, 2012, 35, 594-604.	3.8	18
112	Inhibition of Mitogen-Activated Protein Kinases/Nuclear Factor ÎºBâ€“Dependent Inflammation by a Novel Chalcone Protects the Kidney from High Fat Dietâ€“Induced Injuries in Mice. Journal of Pharmacology and Experimental Therapeutics, 2015, 355, 235-246.	2.5	18
113	Determination of the binding mode for anti-inflammatory natural product xanthohumol with myeloid differentiation protein 2. Drug Design, Development and Therapy, 2016, 10, 455.	4.3	18
114	Synthesis, biological evaluation, QSAR and molecular dynamics simulation studies of potential fibroblast growth factor receptor 1 inhibitors for the treatment of gastric cancer. European Journal of Medicinal Chemistry, 2017, 127, 885-899.	5.5	18
115	A mono-carbonyl analog of curcumin induces apoptosis in drug-resistant EGFR-mutant lung cancer through the generation of oxidative stress and mitochondrial dysfunction. Cancer Management and Research, 2018, Volume 10, 3069-3082.	1.9	18
116	Ruthenium(II)-Catalyzed Direct C7-Selective Amidation of Indoles with Dioxazolones at Room Temperature. Journal of Organic Chemistry, 2021, 86, 2827-2839.	3.2	18
117	Targeting myeloid differentiation protein 2 by the new chalcone L2H21 protects <scp>LPS</scp>â€induced acute lung injury. Journal of Cellular and Molecular Medicine, 2017, 21, 746-757.	3.6	17
118	Inhibition of myeloid differentiation factor-2 attenuates obesity-induced cardiomyopathy and fibrosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 252-262.	3.8	17
119	A New Cyclooxygenase-2 Inhibitor, (1E,4E)-1,5-Bis(2-bromophenyl)penta-1,4-dien-3-one (GL63) Suppresses Cyclooxygenase-2 Gene Expression in Human Lung Epithelial Cancer Cells: Coupled mRNA Stabilization and Posttranscriptional Inhibition. Biological and Pharmaceutical Bulletin, 2010, 33, 1170-1175.	1.4	16
120	Bicyclol ameliorates nonalcoholic fatty liver disease in mice via inhibiting MAPKs and NF-ÎºB signaling pathways. Biomedicine and Pharmacotherapy, 2021, 141, 111874.	5.6	16
121	New EGFR inhibitor, 453, prevents renal fibrosis in angiotensin II-stimulated mice. European Journal of Pharmacology, 2016, 789, 421-430.	3.5	15
122	Design, synthesis, and structure–activity relationships of 2-benzylidene-1-indanone derivatives as anti-inflammatory agents for treatment of acute lung injury. Drug Design, Development and Therapy, 2018, Volume 12, 887-899.	4.3	15
123	A new curcumin analogue exhibits enhanced antitumor activity in nasopharyngeal carcinoma. Oncology Reports, 2013, 30, 239-245.	2.6	14
124	Myeloid Differentiation Protein 2 Mediates Angiotensin II-Induced Liver Inflammation and Fibrosis in Mice. Molecules, 2020, 25, 25.	3.8	14
125	Rhodium(III)â€Catalyzed Direct C7â€Selective Alkenylation and Alkylation of Indoles with Maleimides. Advanced Synthesis and Catalysis, 2022, 364, 307-313.	4.3	14
126	Inhibition of ROS and inflammation by an imidazopyridine derivative X22 attenuate high fat diet-induced arterial injuries. Vascular Pharmacology, 2015, 72, 153-162.	2.1	13

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127	Discovery and anti-cancer evaluation of two novel non-ATP-competitive FGFR1 inhibitors in non-small-cell lung cancer. BMC Cancer, 2015, 15, 276.	2.6	13
128	Blockade of myeloid differentiation protein 2 prevents obesityâ€induced inflammation and nephropathy. Journal of Cellular and Molecular Medicine, 2017, 21, 3776-3786.	3.6	13
129	Discovery of novel non-ATP competitive FGFR1 inhibitors and evaluation of their anti-tumor activity in non-small cell lung cancer in vitro and in vivo. Oncotarget, 2014, 5, 4543-4553.	1.8	13
130	Compound 15c, a Novel Dual Inhibitor of EGFRL858R/T790M and FGFR1, Efficiently Overcomes Epidermal Growth Factor Receptor-Tyrosine Kinase Inhibitor Resistance of Non-Small-Cell Lung Cancers. Frontiers in Pharmacology, 2019, 10, 1533.	3.5	12
131	Pharmacological inhibition of MyD88 suppresses inflammation in tubular epithelial cells and prevents diabetic nephropathy in experimental mice. Acta Pharmacologica Sinica, 2022, 43, 354-366.	6.1	12
132	A novel resveratrol-curcumin hybrid, a19, attenuates high fat diet-induced nonalcoholic fatty liver disease. Biomedicine and Pharmacotherapy, 2019, 110, 951-960.	5.6	11
133	Myeloid differentiation 2 deficiency attenuates AngII-induced arterial vascular oxidative stress, inflammation, and remodeling. Aging, 2021, 13, 4409-4427.	3.1	11
134	Curcumin analogue C66 attenuates obesity-induced renal injury by inhibiting chronic inflammation. Biomedicine and Pharmacotherapy, 2021, 137, 111418.	5.6	11
135	Toll-like receptor 2 signaling deficiency in cardiac cells ameliorates Ang II-induced cardiac inflammation and remodeling. Translational Research, 2021, 233, 62-76.	5.0	11
136	Cardamonin inhibits LPS-induced inflammatory responses and prevents acute lung injury by targeting myeloid differentiation factor 2. Phytomedicine, 2021, 93, 153785.	5.3	11
137	Design, synthesis and preliminary biological evaluation of C-8 substituted guanine derivatives as small molecular inhibitors of FGFRs. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1556-1560.	2.2	10
138	The different biological effects of TMPyP4 and cisplatin in the inflammatory microenvironment of osteosarcoma are attributed to Gâ€quadruplex. Cell Proliferation, 2021, 54, e13101.	5.3	10
139	Chalcone derivatives ameliorate lipopolysaccharide-induced acute lung injury and inflammation by targeting MD2. Acta Pharmacologica Sinica, 2022, 43, 76-85.	6.1	10
140	Sclareol ameliorates hyperglycemiaâ€induced renal injury through inhibiting the <scp>MAPK</scp> / <scp>NFâ€ºB</scp> signaling pathway. Phytotherapy Research, 2022, , .	5.8	10
141	A novel non-ATP competitive FGFR1 inhibitor with therapeutic potential on gastric cancer through inhibition of cell proliferation, survival and migration. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 852-864.	4.9	9
142	CDK9 inhibition improves diabetic nephropathy by reducing inflammation in the kidneys. Toxicology and Applied Pharmacology, 2021, 416, 115465.	2.8	9
143	Flavokawain B alleviates LPS-induced acute lung injury via targeting myeloid differentiation factor 2. Acta Pharmacologica Sinica, 2022, 43, 1758-1768.	6.1	9
144	Inhibition of myeloid differentiation factor 2 attenuates cardiometabolic impairments via reducing cardiac mitochondrial dysfunction, inflammation, apoptosis and ferroptosis in prediabetic rats. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166301.	3.8	9

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145	Tabersonine attenuates Angiotensin II-induced cardiac remodeling and dysfunction through targeting TAK1 and inhibiting TAK1-mediated cardiac inflammation. Phytomedicine, 2022, 103, 154238.	5.3	9
146	TLR2 regulates angiotensin II-induced vascular remodeling and EndMT through NF-ÎºB signaling. Aging, 2021, 13, 2553-2574.	3.1	8
147	MD2 deficiency prevents highâ€fat dietâ€induced AMPK suppression and lipid accumulation through regulating TBK1 in nonâ€alcoholic fatty liver disease. Clinical and Translational Medicine, 2022, 12, e777.	4.0	8
148	Synthesis and Anti-inflammatory Evaluation of (R)-, (S)-, and (Â±)-Sanjuanolide Isolated from Dalea frutescens. Journal of Natural Products, 2019, 82, 748-755.	3.0	7
149	A chalcone-syringaldehyde hybrid inhibits triple-negative breast cancer cell proliferation and migration by inhibiting CKAP2-mediated FAK and STAT3 phosphorylation. Phytomedicine, 2022, 101, 154087.	5.3	7
150	Corynoline protects ang II-induced hypertensive heart failure by increasing PPARÎ± and Inhibiting NF-ÎºB pathway. Biomedicine and Pharmacotherapy, 2022, 150, 113075.	5.6	7
151	Bicyclol Attenuates Obesity-Induced Cardiomyopathy via Inhibiting NF-ÎºB and MAPK Signaling Pathways. Cardiovascular Drugs and Therapy, 0, , .	2.6	7
152	Palladium-Catalyzed Direct Mono- or Polyhalogenation of Benzothiadiazole Derivatives. Journal of Organic Chemistry, 2020, 85, 3788-3798.	3.2	6
153	Myeloid differentiation protein 2 mediates angiotensin II-induced inflammation and mesenchymal transition in vascular endothelium. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166043.	3.8	6
154	L6H21 protects against cognitive impairment and brain pathologies via tollâ€like receptor 4â€“myeloid differentiation factor 2 signalling in prediabetic rats. British Journal of Pharmacology, 2022, 179, 1220-1236.	5.4	6
155	Curcumin Derivative C66 Suppresses Pancreatic Cancer Progression through the Inhibition of JNK-Mediated Inflammation. Molecules, 2022, 27, 3076.	3.8	6
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