Yuepiao Cai

List of Publications by Year
in descending order

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28	706	759233 12	526287 27
papers	citations	h-index	g-index

29	29	29	1298
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation and Discovery of Novel Synthetic Chalcone Derivatives as Anti-Inflammatory Agents. Journal of Medicinal Chemistry, 2011, 54, 8110-8123.	6.4	182
2	Anticancer molecules targeting fibroblast growth factor receptors. Trends in Pharmacological Sciences, 2012, 33, 531-541.	8.7	110
3	Curcuminoid B63 induces ROS-mediated paraptosis-like cell death by targeting TrxR1 in gastric cells. Redox Biology, 2019, 21, 101061.	9.0	60
4	Dissecting the Role of the FGF19-FGFR4 Signaling Pathway in Cancer Development and Progression. Frontiers in Cell and Developmental Biology, 2020, 8, 95.	3.7	48
5	Structurally Diverse Metabolites from the Soft Coral Sinularia verruca Collected in the South China Sea. Journal of Natural Products, 2016, 79, 1124-1131.	3.0	37
6	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
7	Design, synthesis, and anticancer evaluation of long-chain alkoxylated mono-carbonyl analogues of curcumin. European Journal of Medicinal Chemistry, 2015, 103, 44-55.	5.5	23
8	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
9	Structure-based design and synthesis of 2,4-diaminopyrimidines as EGFR L858R/T790M selective inhibitors for NSCLC. European Journal of Medicinal Chemistry, 2017, 140, 510-527.	5.5	17
10	Nifuratel, a novel STAT3 inhibitor with potent activity against human gastric cancer cells. Cancer Management and Research, 2017, Volume 9, 565-572.	1.9	17
11	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
12	Theoretical studies on FGFR isoform selectivity of FGFR1/FGFR4 inhibitors by molecular dynamics simulations and free energy calculations. Physical Chemistry Chemical Physics, 2017, 19, 3649-3659.	2.8	13
13	Metalâ€Free Direct Oxidative Câ^'N Bond Coupling of Quinoxalinâ€2(1 H)â€ones with Azoles under Mild Conditions. European Journal of Organic Chemistry, 2021, 2021, 2230-2238.	2.4	13
14	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
15	Cyclic helix B peptide promotes randomâ€pattern skin flap survival via TFE3â€mediated enhancement of autophagy and reduction of ROS levels. British Journal of Pharmacology, 2022, 179, 301-321.	5.4	13
16	New integrated in vivo microdialysis-electrochemical device for determination of the neurotransmitter dopamine in rat striatum of freely moving rats. Mikrochimica Acta, 2011, 172, 217-223.	5.0	12
17	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
18	Insight into ponatinib resistance mechanisms in rhabdomyosarcoma caused by the mutations in FGFR4 tyrosine kinase using molecular modeling strategies. International Journal of Biological Macromolecules, 2019, 135, 294-302.	7.5	10

#	Article	IF	Citations
19	A Rapid, Selective and Sensitive UPLC-MS/MS Method for Quantification of Nomilin in Rat Plasma and Its Application in a Pharmacokinetic Study. Planta Medica, 2016, 82, 224-229.	1.3	9
20	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
21	An integrated strategy for identifying new targets and inferring the mechanism of action: taking rhein as an example. BMC Bioinformatics, 2018, 19, 315.	2.6	9
22	Design, synthesis, and biological evaluation of indazole derivatives as selective and potent FGFR4 inhibitors for the treatment of FGF19-driven hepatocellular cancer. European Journal of Medicinal Chemistry, 2021, 214, 113219.	5.5	9
23	Iodineâ€Mediated Coupling of Cyclic Amines with Sulfonyl Hydrazides: an Efficient Synthesis of Vinyl Sulfone Derivatives. European Journal of Organic Chemistry, 2021, 2021, 701-708.	2.4	8
24	Discovery of a Novel MyD88 Inhibitor M20 and Its Protection Against Sepsis-Mediated Acute Lung Injury. Frontiers in Pharmacology, 2021, 12, 775117.	3.5	7
25	Synthesis and biological evaluation of novel semi-conservative monocarbonyl analogs of curcumin as anti-inflammatory agents. MedChemComm, 2015, 6, 1328-1339.	3.4	5
26	Theoretical study of the intermolecular recognition mechanism between Survivin and substrate based on conserved binding mode analysis. Journal of Molecular Graphics and Modelling, 2018, 83, 53-63.	2.4	5
27	The novel FGFR inhibitor F1-7 induces DNA damage and cell death in colon cells. British Journal of Cancer, 2022, 127, 1014-1025.	6.4	3
28	Insight into the impact of EGFR L792Y/F/H mutations on sensitivity to osimertinib: an in silico study. New Journal of Chemistry, 2021, 45, 4756-4765.	2.8	0