

Xin Cao

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,130
citations

471371

17
h-index

434063

31
g-index

61
all docs

61
docs citations

61
times ranked

1319
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial intelligence: A powerful paradigm for scientific research. <i>Innovation(China)</i> , 2021, 2, 100179.	5.2	200
2	Towards the overcoming of anticancer drug resistance mediated by p53 mutations. <i>Drug Resistance Updates</i> , 2020, 49, 100671.	6.5	99
3	Carbohydrate-based drugs launched during 2000~2021. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 3783-3821.	5.7	68
4	Prediction for global African swine fever outbreaks based on a combination of random forest algorithms and meteorological data. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 935-946.	1.3	66
5	Acquired resistance to third-generation EGFR-TKIs and emerging next-generation EGFR inhibitors. <i>Innovation(China)</i> , 2021, 2, 100103.	5.2	47
6	Role of miR-221/222 in Tumor Development and the Underlying Mechanism. <i>Journal of Oncology</i> , 2019, 2019, 1-15.	0.6	46
7	Inhibition of cancer stem cell like cells by a synthetic retinoid. <i>Nature Communications</i> , 2018, 9, 1406.	5.8	40
8	Marine Drugs – Macrolactins. <i>Chemistry and Biodiversity</i> , 2008, 5, 1669-1674.	1.0	39
9	Progress in Target Drug Molecules for Alzheimer's Disease. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 4-36.	1.0	34
10	Photo-induced copper-catalyzed alkynylation and amination of remote unactivated C(sp ³)-H bonds. <i>Chemical Science</i> , 2021, 12, 4836-4840.	3.7	30
11	Inhibitor Discovery of Full-Length New Delhi Metallo-β-Lactamase-1 (NDM-1). <i>PLoS ONE</i> , 2013, 8, e62955.	1.1	29
12	Amipurimycin: Total Synthesis of the Proposed Structures and Diastereoisomers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2884-2888.	7.2	26
13	Identifying Cancer Targets Based on Machine Learning Methods via Chou's 5-steps Rule and General Pseudo Components. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 2301-2317.	1.0	24
14	Roles of NIPBL in maintenance of genome stability. <i>Seminars in Cell and Developmental Biology</i> , 2019, 90, 181-186.	2.3	23
15	Synthesis of Ocotillol-Type Ginsenosides. <i>Journal of Organic Chemistry</i> , 2016, 81, 10279-10294.	1.7	19
16	Marine Antibody-Drug Conjugates: Design Strategies and Research Progress. <i>Marine Drugs</i> , 2017, 15, 18.	2.2	19
17	Au(III)-bis(tert-butyl(dimethyl)silyl)acetylene triphenylphosphine complex, an effective pre-catalyst for Au(I)-catalyzed reactions. <i>Organic Chemistry Frontiers</i> , 2015, 2, 360-365.	2.3	18
18	Design and synthesis of 7-alkoxy-4-heteroaryl-amino-3-quinolinecarbonitriles as dual inhibitors of c-Src kinase and nitric oxide synthase. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 5890-5898.	1.4	17

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19	Recent Progress of Src SH2 and SH3 Inhibitors as Anticancer Agents. <i>Current Medicinal Chemistry</i> , 2010, 17, 1117-1124.	1.2	17
20	Diketopiperazine constituents of marine <i>Bacillus subtilis</i> . <i>Chemistry of Natural Compounds</i> , 2009, 45, 290-292.	0.2	16
21	A brief perspective of drug resistance toward EGFR inhibitors: the crystal structures of EGFRs and their variants. <i>Future Medicinal Chemistry</i> , 2017, 9, 693-704.	1.1	16
22	Roles of TP53 gene in the development of resistance to PI3K inhibitor resistances in CRISPR-Cas9-edited lung adenocarcinoma cells. <i>Cell Biology and Toxicology</i> , 2020, 36, 481-492.	2.4	15
23	Convenient Synthesis of Wogonin, A Flavonoid Natural Product with Extensive Pharmacological Activity. <i>Organic Preparations and Procedures International</i> , 2009, 41, 327-330.	0.6	14
24	Microwave-Assisted Simple Synthesis of Substituted 4-Quinolone Derivatives. <i>Synthetic Communications</i> , 2009, 39, 4375-4383.	1.1	14
25	Recent Progress of Src Family Kinase Inhibitors as Anticancer Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2008, 8, 1053-1063.	1.1	13
26	Synthesis of oligosaccharide fragments of the rhamnogalacturonan of <i>Nerium indicum</i> . <i>Carbohydrate Research</i> , 2013, 377, 63-74.	1.1	12
27	Synthesis of 20-O -Ginsenosides Rh_{4} , $(20\text{-E})\text{-Rh}_{3}$, Rg_{6} , and Rk_{1} : A General Approach To Access Dehydrated Ginsenosides. <i>Journal of Organic Chemistry</i> , 2018, 83, 2601-2610.	1.7	12
28	CT/MRI LI-RADS version 2018 versus CEUS LI-RADS version 2017 in the diagnosis of primary hepatic nodules in patients with high-risk hepatocellular carcinoma. <i>Annals of Translational Medicine</i> , 2021, 9, 1076-1076.	0.7	12
29	A Convergent Synthesis of the Triterpene Saponin Asiaticoside. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1270-1276.	1.3	11
30	An analog derived from phenylpropanoids ameliorates Alzheimer's disease-like pathology and protects mitochondrial function. <i>Neurobiology of Aging</i> , 2019, 80, 187-195.	1.5	11
31	Systematic identification of the protein substrates of UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase T1/T2/T3 using a human proteome microarray. <i>Proteomics</i> , 2017, 17, 1600485.	1.3	10
32	Normalized wall index, intraplaque hemorrhage and ulceration of carotid plaques correlate with the severity of ischemic stroke. <i>Atherosclerosis</i> , 2020, 315, 138-144.	0.4	10
33	Total Synthesis and Immunological Evaluation of the Tri-glycero-manno-heptose Antigen of the Lipopolysaccharide as a Vaccine Candidate against <i>Helicobacter pylori</i> . <i>Organic Letters</i> , 2020, 22, 8780-8785.	2.4	10
34	Sulfarotene, a synthetic retinoid, overcomes stemness and sorafenib resistance of hepatocellular carcinoma via suppressing SOS2-RAS pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 280.	3.5	10
35	Marine Microbes-Derived Anti-Bacterial Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2010, 10, 1077-1090.	1.1	10
36	Amipurimycin: Total Synthesis of the Proposed Structures and Diastereoisomers. <i>Angewandte Chemie</i> , 2018, 130, 2934-2938.	1.6	9

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37	Targeting hyperactive TGFBR2 for treating MYOCD deficient lung cancer. <i>Theranostics</i> , 2021, 11, 6592-6606.	4.6	9
38	Iridoid Glycosides from <i>Saprosma ternatum</i> . <i>Planta Medica</i> , 2010, 76, 1746-1748.	0.7	8
39	VISTA inhibitors in cancer immunotherapy: a short perspective on recent progresses. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1672-1679.	1.7	7
40	The design, synthesis and biological evaluation of 7-alkoxy-4-heteroaryl-amino-3-cyanoquinolines as dual inhibitors of c-Src and iNOS. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 6206-6209.	1.0	5
41	Use of oral anticoagulant drugs is associated with carotid intraplaque hemorrhage in atherosclerosis patients: a meta-analysis. <i>Journal of Thrombosis and Thrombolysis</i> , 2019, 48, 68-76.	1.0	5
42	Novel Patented Src Kinase Inhibitor. <i>Current Medicinal Chemistry</i> , 2012, 19, 1821-1829.	1.2	4
43	Construction of alkyl-substituted 7-norbornenones through Diels-Alder cycloaddition of electron-deficient olefins and a cyclopentadienone derivative generated in situ. <i>Chinese Chemical Letters</i> , 2022, 33, 2041-2043.	4.8	4
44	A novel rhamnoside derivative PL402 up-regulates matrix metalloproteinase 3/9 to promote A β degradation and alleviates Alzheimer's-like pathology. <i>Aging</i> , 2020, 12, 481-501.	1.4	4
45	Advances in Anoctamin 1: A Potential New Drug Target in Medicinal Chemistry. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 1139-1155.	1.0	3
46	Total Synthesis of Dammarane-Type Saponins Ginsenoside Re and Notoginsenoside R1. <i>Acta Chimica Sinica</i> , 2018, 76, 278.	0.5	3
47	Radiomic Model for Distinguishing Dissecting Aneurysms from Complicated Saccular Aneurysms on high-Resolution Magnetic Resonance Imaging. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105268.	0.7	2
48	Imaging features of parotid gland oncocytoma: a case series study. <i>Gland Surgery</i> , 2021, 10, 870-876.	0.5	2
49	A Study of the Mechanism of Binding between Neratinib and MAD2L1 Based on Molecular Simulation and Multi-spectroscopy Methods. <i>Current Pharmaceutical Design</i> , 2020, 25, 4287-4295.	0.9	2
50	China enters CAR-T cell therapy era. <i>Innovation(China)</i> , 2022, 3, 100197.	5.2	2
51	Expeditious and scalable preparation of a Li-Thiele reagent for amine-based bioconjugation. <i>Chinese Chemical Letters</i> , 2021, 32, 700-702.	4.8	1
52	Assessment of carotid atherosclerotic plaque using 3D motion-sensitized driven-equilibrium prepared rapid gradient echo: a comparative study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 2744-2755.	1.1	1
53	Cerebral Infarction and Evan's Ratio on MRI Affect the Severity and Prognosis of Tuberculosis Meningitis Patients. <i>Diagnostics</i> , 2022, 12, 1264.	1.3	1
54	Genomic profiling and the impact of MUC19 mutation in hepatoid adenocarcinoma of the stomach. <i>Journal of Clinical Oncology</i> , 2022, 40, e16094-e16094.	0.8	1

#	ARTICLE	IF	CITATIONS
55	Marine toxin (+)â€œchaetocinâ€œ induced apoptosis of lung large cell carcinoma cell lines through cell cycle arrest via CDKN1A expression and replicative stress. Clinical and Translational Discovery, 2022, 2, .	0.2	0