Jinlei Bian

List of Publications by Year
in descending order

49 papers	1,117 citations	361296 20 h-index	434063 31 g-index
49 all docs	49 docs citations	49 times ranked	1495 citing authors

#	Article	IF	Citations
1	Discovery of Wogonin-based PROTACs against CDK9 and capable of achieving antitumor activity. Bioorganic Chemistry, 2018, 81, 373-381.	2.0	98
2	Overview of the Development of Glutaminase Inhibitors: Achievements and Future Directions. Journal of Medicinal Chemistry, 2019, 62, 1096-1115.	2.9	77
3	A review on flavones targeting serine/threonine protein kinases for potential anticancer drugs. Bioorganic and Medicinal Chemistry, 2019, 27, 677-685.	1.4	64
4	Recent Developments in the Biology and Medicinal Chemistry of CDK9 Inhibitors: An Update. Journal of Medicinal Chemistry, 2020, 63, 13228-13257.	2.9	54
5	Recent discovery of indoleamine-2,3-dioxygenase 1 inhibitors targeting cancer immunotherapy. European Journal of Medicinal Chemistry, 2018, 143, 656-669.	2.6	47
6	2-Substituted 3-methylnaphtho[1,2-b]furan-4,5-diones as novel L-shaped ortho-quinone substrates for NAD(P)H:quinone oxidoreductase (NQO1). European Journal of Medicinal Chemistry, 2014, 82, 56-67.	2.6	46
7	Discovery of selective CDK9 degraders with enhancing antiproliferative activity through PROTAC conversion. European Journal of Medicinal Chemistry, 2021, 211, 113091.	2.6	46
8	The progress and development of GLUT1 inhibitors targeting cancer energy metabolism. Future Medicinal Chemistry, 2019, 11, 2333-2352.	1.1	43
9	Design and synthesis of indoline thiohydantoin derivatives based on enzalutamide as antiproliferative agents against prostate cancer. European Journal of Medicinal Chemistry, 2017, 125, 1002-1022.	2.6	42
10	Bioactive modulators targeting STING adaptor in cGAS-STING pathway. Drug Discovery Today, 2020, 25, 230-237.	3.2	40
11	Janus kinases (JAKs): The efficient therapeutic targets for autoimmune diseases and myeloproliferative disorders. European Journal of Medicinal Chemistry, 2020, 192, 112155.	2.6	40
12	Development of Indoleamine 2,3-Dioxygenase 1 Inhibitors for Cancer Therapy and Beyond: A Recent Perspective. Journal of Medicinal Chemistry, 2020, 63, 15115-15139.	2.9	36
13	Synthesis and evaluation of (Â±)-dunnione and its ortho-quinone analogues as substrates for NAD(P)H:quinone oxidoreductase 1 (NQO1). Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1244-1248.	1.0	35
14	Discovery and development of small molecule modulators targeting glutamine metabolism. European Journal of Medicinal Chemistry, 2019, 163, 215-242.	2.6	31
15	Synthesis and in vivo antitumor evaluation of an orally active potent phosphonamidate derivative targeting IDO1/IDO2/TDO. Biochemical Pharmacology, 2019, 168, 214-223.	2.0	29
16	Discovery of phosphonamidate IDO1 inhibitors for the treatment of non-small cell lung cancer. European Journal of Medicinal Chemistry, 2019, 182, 111629.	2.6	27
17	Current knowledge on the nucleotide agonists for the P2Y2 receptor. Bioorganic and Medicinal Chemistry, 2018, 26, 366-375.	1.4	23
18	Exploring the tetrahydroisoquinoline thiohydantoin scaffold blockade the androgen receptor as potent anti-prostate cancer agents. European Journal of Medicinal Chemistry, 2018, 143, 1325-1344.	2.6	23

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19	2-Substituted 3,7,8-trimethylnaphtho[1,2- b]furan-4,5-diones as specific L-shaped NQO1-mediated redox modulators for the treatment of non-small cell lung cancer. European Journal of Medicinal Chemistry, 2017, 138, 616-629.	2.6	22
20	Structure-Enabled Discovery of Novel Macrocyclic Inhibitors Targeting Glutaminase 1 Allosteric Binding Site. Journal of Medicinal Chemistry, 2021, 64, 4588-4611.	2.9	22
21	Design of wogonin-inspired selective cyclin-dependent kinase 9 (CDK9) inhibitors with potent inÂvitro and inÂvivo antitumor activity. European Journal of Medicinal Chemistry, 2019, 178, 782-801.	2.6	21
22	Palladium(II)-Catalyzed Câ€“H Bond Activation/Câ€“C Coupling/Intramolecular Tsujiâ€“Trost Reaction Cascade: Facile Access to 2H-Pyranonaphthoquinones. Organic Letters, 2015, 17, 3410-3413.	2.4	20
23	Design, synthesis and evaluation of phthalazinone thiohydantoin-based derivative as potent PARP-1 inhibitors. Bioorganic Chemistry, 2019, 91, 103181.	2.0	19
24	Development and Characterization of a Fluorescent Probe for GLS1 and the Application for High-Throughput Screening of Allosteric Inhibitors. Journal of Medicinal Chemistry, 2019, 62, 9642-9657.	2.9	19
25	Discovery of cyanopyridine scaffold as novel indoleamine-2,3-dioxygenase 1 (IDO1) inhibitors through virtual screening and preliminary hit optimisation. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 250-263.	2.5	18
26	Discovery and synthesis of novel Wogonin derivatives with potent antitumor activity inÂvitro. European Journal of Medicinal Chemistry, 2017, 140, 421-434.	2.6	14
27	Palladium(II)-Catalyzed Reaction of Lawsones and Propargyl Carbonates: Construction of 2,3-Furanonaphthoquinones and Evaluation as Potential Indoleamine 2,3-Dioxygenase Inhibitors. Journal of Organic Chemistry, 2018, 83, 8003-8010.	1.7	14
28	Recent discovery of phosphoinositide 3-kinase Î³ inhibitors for the treatment of immune diseases and cancers. Future Medicinal Chemistry, 2019, 11, 2151-2169.	1.1	13
29	Synthesis, evaluation and quantitative structureâ€“activity relationship (QSAR) analysis of Wogonin derivatives as cytotoxic agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1012-1016.	1.0	12
30	Unconventional Passive Enhancement of Transdermal Drug Delivery: toward a Mechanistic Understanding of Penetration Enhancers Releasing from Acrylic Pressure-Sensitive Adhesive of Patches. Pharmaceutical Research, 2020, 37, 169.	1.7	10
31	Microwave-assisted unprotected Sonogashira reaction in water for the synthesis of polysubstituted aromatic acetylene compounds. Green Chemistry, 2020, 22, 1338-1344.	4.6	10
32	Development of Cdc2-like Kinase 2 Inhibitors: Achievements and Future Directions. Journal of Medicinal Chemistry, 2021, 64, 13191-13211.	2.9	10
33	Design, synthesis and biological evaluation of a novel spiro oxazolidinedione as potent p300/CBP HAT inhibitor for the treatment of ovarian cancer. Bioorganic and Medicinal Chemistry, 2021, 52, 116512.	1.4	9
34	Overview of the development of selective androgen receptor modulators (SARMs) as pharmacological treatment for osteoporosis (1998â€“2021). European Journal of Medicinal Chemistry, 2022, 230, 114119.	2.6	9
35	A critical update on the strategies towards modulators targeting androgen receptors. Bioorganic and Medicinal Chemistry, 2020, 28, 115554.	1.4	7
36	Discovery of pyridine tetrahydroisoquinoline thiohydantoin derivatives with low blood-brain barrier penetration as the androgen receptor antagonists. European Journal of Medicinal Chemistry, 2020, 192, 112196.	2.6	7

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37	Discovery of Potent Small-Molecule USP8 Inhibitors for the Treatment of Breast Cancer through Regulating ERÎ± Expression. Journal of Medicinal Chemistry, 2022, 65, 8914-8932.	2.9	7
38	A critical update on the strategies towards small molecule inhibitors targeting Serine/arginine-rich (SR) proteins and Serine/arginine-rich proteins related kinases in alternative splicing. Bioorganic and Medicinal Chemistry, 2022, 70, 116921.	1.4	7
39	Identification of novel imidazoles as IDO1 inhibitors through microwaveâ€assisted oneâ€pot multicomponent reactions. Archiv Der Pharmazie, 2019, 352, e1900165.	2.1	6
40	Discovery of novel USP8 inhibitors via Ubiquitin-Rho-110 fluorometric assay based high throughput screening. Bioorganic Chemistry, 2020, 101, 103962.	2.0	6
41	Copper(II)-Catalyzed Tandem Reaction: Synthesis of Furo[3,2-c]coumarin Derivatives and Evaluation for Photophysical Properties. Journal of Organic Chemistry, 2021, 86, 12537-12548.	1.7	6
42	A review on kinases phosphorylating the carboxyl-terminal domain of RNA polymerase IIâ€"Biological functions and inhibitors. Bioorganic Chemistry, 2020, 104, 104318.	2.0	6
43	Identification of novel androgen receptor degrading agents to treat advanced prostate cancer. European Journal of Medicinal Chemistry, 2021, 217, 113376.	2.6	5
44	Small-molecule degraders of cyclin-dependent kinase protein: a review. Future Medicinal Chemistry, 2022, 14, 167-185.	1.1	5
45	Discovery of novel glutaminase 1 allosteric inhibitor with 4-piperidinamine linker and aromatic heterocycles. European Journal of Medicinal Chemistry, 2022, 236, 114337.	2.6	4
46	Discovery of imidazopyrrolopyridines derivatives as novel and selective inhibitors of JAK2. European Journal of Medicinal Chemistry, 2021, 218, 113394.	2.6	3
47	Practical and Efficient Approach to the Preparation of Diquafosol Tetrasodium. Organic Process Research and Development, 2020, 24, 1477-1483.	1.3	2
48	Novel biphenyl-based scaffold as potent and selective histone deacetylase 6 (HDAC6) inhibitors: Identification, development and pharmacological evaluation. European Journal of Medicinal Chemistry, 2022, 233, 114228.	2.6	2
49	Preparing anti-SARS-CoV-2 agent EIDD-2801 by a practical and scalable approach, and quick evaluation via machine learning. Acta Pharmaceutica Sinica B, 2021, 11, 3678-3682.	5.7	1