

Sheng-yong Yang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

1,644

citations

21

h-index

39

g-index

63

ext. papers

1,936

ext. citations

5.6

avg. IF

5.06

L-index

#	Paper	IF	Citations
62	DCLK1 autoinhibition and activation in tumorigenesis.. <i>Innovation(China)</i> , 2022 , 3, 100191	17.8	1
61	Discovery of 5-(4-methylpiperazin-1-yl)-2-nitroaniline derivatives as a new class of SIRT6 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127215	2.9	3
60	PRMT1 promotes neuroblastoma cell survival through ATF5. <i>Oncogenesis</i> , 2020 , 9, 50	6.6	10
59	Discovery of thieno[2,3-d]pyrimidin-4(3H)-one derivatives as a new class of ROCK inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 126966	2.9	1
58	CapsCarcino: A novel sparse data deep learning tool for predicting carcinogens. <i>Food and Chemical Toxicology</i> , 2020 , 135, 110921	4.7	11
57	Discovery of small molecule FLT3 inhibitors that are able to overcome drug-resistant mutations. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127532	2.9	
56	Discovery of 12O-A Novel Oral Multi-Kinase Inhibitor for the Treatment of Solid Tumor. <i>Molecules</i> , 2020 , 25,	4.8	2
55	Novel ROR1 inhibitor ARI-1 suppresses the development of non-small cell lung cancer. <i>Cancer Letters</i> , 2019 , 458, 76-85	9.9	15
54	Novel cyclin-dependent kinase 9 (CDK9) inhibitor with suppression of cancer stemness activity against non-small-cell lung cancer. <i>European Journal of Medicinal Chemistry</i> , 2019 , 181, 111535	6.8	16
53	Novel dual inhibitors targeting CDK4 and VEGFR2 synergistically suppressed cancer progression and angiogenesis. <i>European Journal of Medicinal Chemistry</i> , 2019 , 181, 111541	6.8	10
52	Discovery of a Prenylated Flavonol Derivative as a Pin1 Inhibitor to Suppress Hepatocellular Carcinoma by Modulating MicroRNA Biogenesis. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 130-134	4.5	11
51	Discovery of N1-(4-((7-Cyclopentyl-6-(dimethylcarbamoyl)-7 H-pyrrolo[2,3-d]pyrimidin-2-yl)amino)phenyl)- N8-hydroxyoctanediamide as a Novel Inhibitor Targeting Cyclin-dependent Kinase 4/9 (CDK4/9) and Histone Deacetylase1 (HDAC1) against Malignant Cancer. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 3166-3192	8.3	48
50	Highly Selective, Potent, and Oral mTOR Inhibitor for Treatment of Cancer as Autophagy Inducer. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 881-904	8.3	13
49	Structural optimization and structure-activity relationship studies of N-phenyl-7,8-dihydro-6H-pyrimido[5,4-b][1,4]oxazin-4-amine derivatives as a new class of inhibitors of RET and its drug resistance mutants. <i>European Journal of Medicinal Chemistry</i> , 2018 , 143, 1148-1164	6.8	8
48	Identification of 5-(2,3-Dihydro-1 H-indol-5-yl)-7 H-pyrrolo[2,3- d]pyrimidin-4-amine Derivatives as a New Class of Receptor-Interacting Protein Kinase 1 (RIPK1) Inhibitors, Which Showed Potent Activity in a Tumor Metastasis Model. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 11398-11414	8.3	21
47	Structural insights into drug development strategy targeting EGFR T790M/C797S. <i>Oncotarget</i> , 2018 , 9, 13652-13665	3.3	18
46	Novel hybrid molecule overcomes the limited response of solid tumours to HDAC inhibitors via suppressing JAK1-STAT3-BCL2 signalling. <i>Theranostics</i> , 2018 , 8, 4995-5011	12.1	32

45	Discovery of a highly potent, selective and novel CDK9 inhibitor as an anticancer drug candidate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 3231-3237	2.9	16
44	Discovery of pyrazolo[1,5-a]pyrimidine-3-carbonitrile derivatives as a new class of histone lysine demethylase 4D (KDM4D) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 3201-3204	2.9	12
43	NMR-filtered virtual screening leads to non-metal chelating metallo- β -lactamase inhibitors. <i>Chemical Science</i> , 2017 , 8, 928-937	9.4	52
42	A novel orally available Syk/Src/Jak2 inhibitor, SKLB-850, showed potent anti-tumor activities in B cell lymphoma (BCL) models. <i>Oncotarget</i> , 2017 , 8, 111495-111507	3.3	1
41	Inhibition of Stat3 signaling pathway by nifuroxazide improves antitumor immunity and impairs colorectal carcinoma metastasis. <i>Cell Death and Disease</i> , 2017 , 8, e2534	9.8	49
40	Discovery of Potent and Selective Inhibitors of Cdc2-Like Kinase 1 (CLK1) as a New Class of Autophagy Inducers. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 6337-6352	8.3	24
39	IFPTarget: A Customized Virtual Target Identification Method Based on Protein-Ligand Interaction Fingerprinting Analyses. <i>Journal of Chemical Information and Modeling</i> , 2017 , 57, 1640-1651	6.1	23
38	Discovery of selective protein arginine methyltransferase 5 inhibitors and biological evaluations. <i>Chemical Biology and Drug Design</i> , 2017 , 89, 585-598	2.9	18
37	Synthesis and biological evaluation of novel (E)-NV(2,3-dihydro-1H-inden-1-ylidene) benzohydrazides as potent LSD1 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4552-4557	2.9	24
36	Drug Discovery against Psoriasis: Identification of a New Potent FMS-like Tyrosine Kinase 3 (FLT3) Inhibitor, 1-(4-((1H-Pyrazolo[3,4-d]pyrimidin-4-yl)oxy)-3-fluorophenyl)-3-(5-(tert-butyl)isoxazol-3-yl)urea, That Showed Potent Activity in a Psoriatic Animal Model. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 8293-305	8.3	23
35	Engineering P450 Peroxygenase to Catalyze Highly Enantioselective Epoxidation of cis- β -Methylstyrenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 10969-75	4.8	18
34	From Lead to Drug Candidate: Optimization of 3-(Phenylethynyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine Derivatives as Agents for the Treatment of Triple Negative Breast Cancer. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 9788-9805	8.3	14
33	Identification of new p300 histone acetyltransferase inhibitors from natural products by a customized virtual screening method. <i>RSC Advances</i> , 2016 , 6, 61137-61140	3.7	23
32	Synthesis and evaluation of styrylpyran fluorophores for noninvasive detection of cerebral β -amyloid deposits. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 827-34	3.4	12
31	Discovery of KDM5A inhibitors: Homology modeling, virtual screening and structure-activity relationship analysis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 2284-8	2.9	16
30	Preclinical Evaluation of a Novel Orally Available SRC/Raf/VEGFR2 Inhibitor, SKLB646, in the Treatment of Triple-Negative Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 366-78	6.1	17
29	Design, Synthesis, and Biological Evaluation of 1-Benzyl-1H-pyrazole Derivatives as Receptor Interacting Protein 1 Kinase Inhibitors. <i>Chemical Biology and Drug Design</i> , 2016 , 87, 569-74	2.9	5
28	Tet Enzymes Regulate Telomere Maintenance and Chromosomal Stability of Mouse ESCs. <i>Cell Reports</i> , 2016 , 15, 1809-21	10.6	49

27	YL4073 is a potent autophagy-stimulating antitumor agent in an in vivo model of Lewis lung carcinoma. <i>Oncology Reports</i> , 2016 , 35, 2081-8	3.5	4
26	Discovery of imidazo[2,1-b]thiazole HCV NS4B inhibitors exhibiting synergistic effect with other direct-acting antiviral agents. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 2764-78	8.3	33
25	Discovery and structure-activity analysis of 4-((5-nitropyrimidin-4-yl)amino)benzimidamide derivatives as novel protein arginine methyltransferase 1 (PRMT1) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 5449-53	2.9	12
24	Improved activity of lipase immobilized in microemulsion-based organogels for (S)-ketoprofen ester resolution: Long-term stability and reusability. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2015 , 7, 1-8	5.3	18
23	Design, Synthesis, and Structure-Activity Relationship Studies of 3-(Phenylethynyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine Derivatives as a New Class of Src Inhibitors with Potent Activities in Models of Triple Negative Breast Cancer. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 3957-74	8.3	32
22	LEADOPT: an automatic tool for structure-based lead optimization, and its application in structural optimizations of VEGFR2 and SYK inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015 , 93, 523-38	6.8	19
21	A pyrene based fluorescence probe for noninvasive prediction of cerebral β -amyloid fibrils. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 4472-6	2.9	7
20	Discovery of 6-phenylimidazo[2,1-b]thiazole derivatives as a new type of FLT3 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 4534-8	2.9	11
19	A preclinical evaluation of SKLB261, a multikinase inhibitor of EGFR/Src/VEGFR2, as a therapeutic agent against pancreatic cancer. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 407-18	6.1	25
18	Virtual screening in small molecule discovery for epigenetic targets. <i>Methods</i> , 2015 , 71, 158-66	4.6	16
17	SKLB-677, an FLT3 and Wnt/ β -catenin signaling inhibitor, displays potent activity in models of FLT3-driven AML. <i>Scientific Reports</i> , 2015 , 5, 15646	4.9	23
16	TS-Chemscore, a Target-Specific Scoring Function, Significantly Improves the Performance of Scoring in Virtual Screening. <i>Chemical Biology and Drug Design</i> , 2015 , 86, 1-8	2.9	10
15	5-Methoxyquinoline Derivatives as a New Class of EZH2 Inhibitors. <i>Molecules</i> , 2015 , 20, 7620-36	4.8	9
14	Discovery and structure-activity relationships study of novel thieno[2,3-b]pyridine analogues as hepatitis C virus inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 1581-8	2.9	32
13	Enhanced turnover rate and enantioselectivity in the asymmetric epoxidation of styrene by new T213G mutants of CYP 119. <i>RSC Advances</i> , 2014 , 4, 27526-27531	3.7	13
12	A facile large-scale microwave synthesis of highly fluorescent carbon dots from benzenediol isomers. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 5028-5035	7.1	63
11	A prediction model of drug-induced ototoxicity developed by an optimal support vector machine (SVM) method. <i>Computers in Biology and Medicine</i> , 2014 , 51, 122-7	7	16
10	Pharmacophore-Based De Novo Design 2013 , 201-214		

9	Facile Synthesis of 6-Aryl-3-cyanopyridine-2-(1H)-thiones from Aryl Ketones. <i>Synthetic Communications</i> , 2012 , 42, 1521-1531	1.7	9
8	Structural optimization and structure-activity relationships of N2-(4-(4-Methylpiperazin-1-yl)phenyl)-N8-phenyl-9H-purine-2,8-diamine derivatives, a new class of reversible kinase inhibitors targeting both EGFR-activating and resistance mutations. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 10007-00	8.3	37
7	Discovery of the novel potent and selective FLT3 inhibitor 1-{5-[7-(3-morpholinopropoxy)quinazolin-4-ylthio]-[1,3,4]thiadiazol-2-yl}-3-p-tolylurea and its anti-acute myeloid leukemia (AML) activities in vitro and in vivo. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 3852-66	8.3	29
6	Discovery of novel Pim-1 kinase inhibitors by a hierarchical multistage virtual screening approach based on SVM model, pharmacophore, and molecular docking. <i>Journal of Chemical Information and Modeling</i> , 2011 , 51, 1364-75	6.1	58
5	Pharmacophore modeling and applications in drug discovery: challenges and recent advances. <i>Drug Discovery Today</i> , 2010 , 15, 444-50	8.8	488
4	Taking quinazoline as a general support-Nog to design potent and selective kinase inhibitors: application to FMS-like tyrosine kinase 3. <i>ChemMedChem</i> , 2010 , 5, 513-6	3.7	15
3	An integrated scheme for feature selection and parameter setting in the support vector machine modeling and its application to the prediction of pharmacokinetic properties of drugs. <i>Artificial Intelligence in Medicine</i> , 2009 , 46, 155-63	7.4	42
2	Whether proton transition to the triphosphate tail of ATP occurs at protein kinase environment: A Car-Parrinello ab initio molecular dynamics study. <i>International Journal of Quantum Chemistry</i> , 2008 , 108, 1239-1245	2.1	1
1	Free energy profiles for monomer capture in Grubbs- and SHOP-type olefin polymerization catalysts: a constraint ab initio molecular dynamics study. <i>Journal of Computational Chemistry</i> , 2007 , 28, 513-8	3.5	5