

Sai-Yang Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9286236/publications.pdf>

Version: 2024-02-01

55
papers

1,213
citations

331538

21
h-index

395590

33
g-index

58
all docs

58
docs citations

58
times ranked

1276
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Targeted Approaches to Cancer Therapy and Prevention Using Chalcones. <i>Current Cancer Drug Targets</i> , 2014, 14, 181-200.	0.8	98
2	Histone Lysine-Specific Methyltransferases and Demethylases in Carcinogenesis: New Targets for Cancer Therapy and Prevention. <i>Current Cancer Drug Targets</i> , 2013, 13, 558-579.	0.8	65
3	Design, synthesis and antiproliferative activity studies of novel dithiocarbamate-chalcone derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3918-3922.	1.0	51
4	Molecular diversity of trimethoxyphenyl-1,2,3-triazole hybrids as novel colchicine site tubulin polymerization inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019, 165, 309-322.	2.6	50
5	Mechanisms of synergistic neurotoxicity induced by two high risk pesticide residues – Chlorpyrifos and Carbofuran via oxidative stress. <i>Toxicology in Vitro</i> , 2019, 54, 338-344.	1.1	46
6	Design, Synthesis and Structure-Activity Relationships of Novel Chalcone-1,2,3-triazole-azole Derivates as Antiproliferative Agents. <i>Molecules</i> , 2016, 21, 653.	1.7	43
7	Design and synthesis of formononetin-dithiocarbamate hybrids that inhibit growth and migration of PC-3 cells via MAPK/Wnt signaling pathways. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 87-99.	2.6	43
8	Design, synthesis and antiproliferative activity studies of 1,2,3-triazole-chalcones. <i>MedChemComm</i> , 2016, 7, 1664-1671.	3.5	42
9	A novel chalcone derivative S17 induces apoptosis through ROS dependent DR5 up-regulation in gastric cancer cells. <i>Scientific Reports</i> , 2017, 7, 9873.	1.6	42
10	Discovery of tertiary amide derivatives incorporating benzothiazole moiety as anti-gastric cancer agents in vitro via inhibiting tubulin polymerization and activating the Hippo signaling pathway. <i>European Journal of Medicinal Chemistry</i> , 2020, 203, 112618.	2.6	42
11	Flavokawain A induces deNEDDylation and Skp2 degradation leading to inhibition of tumorigenesis and cancer progression in the TRAMP transgenic mouse model. <i>Oncotarget</i> , 2015, 6, 41809-41824.	0.8	41
12	Drug Discovery Targeting Focal Adhesion Kinase (FAK) as a Promising Cancer Therapy. <i>Molecules</i> , 2021, 26, 4250.	1.7	40
13	Discovery of 5,6-diaryl-1,2,4-triazines hybrids as potential apoptosis inducers. <i>European Journal of Medicinal Chemistry</i> , 2017, 138, 1076-1088.	2.6	35
14	Design, synthesis and evaluation of novel bis-substituted aromatic amide dithiocarbamate derivatives as colchicine site tubulin polymerization inhibitors with potent anticancer activities. <i>European Journal of Medicinal Chemistry</i> , 2022, 229, 114069.	2.6	34
15	Structure-Activity Relationship Studies of β -Lactam-azide Analogues as Orally Active Antitumor Agents Targeting the Tubulin Colchicine Site. <i>Scientific Reports</i> , 2017, 7, 12788.	1.6	30
16	A review: hippo signaling pathway promotes tumor invasion and metastasis by regulating target gene expression. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 1569-1585.	1.2	30
17	Bioactive heterocycles containing a 3,4,5-trimethoxyphenyl fragment exerting potent antiproliferative activity through microtubule destabilization. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 50-61.	2.6	29
18	Novel tertiary sulfonamide derivatives containing benzimidazole moiety as potent anti-gastric cancer agents: Design, synthesis and SAR studies. <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111731.	2.6	28

#	ARTICLE	IF	CITATIONS
19	Discovery of novel coumarin-indole derivatives as tubulin polymerization inhibitors with potent anti-gastric cancer activities. <i>European Journal of Medicinal Chemistry</i> , 2022, 238, 114467.	2.6	27
20	Discovery of novel chalcone-dithiocarbamates as ROS-mediated apoptosis inducers by inhibiting catalase. <i>Bioorganic Chemistry</i> , 2019, 86, 375-385.	2.0	24
21	A new brominated chalcone derivative suppresses the growth of gastric cancer cells in vitro and in vivo involving ROS mediated up-regulation of DR5 and 4 expression and apoptosis. <i>Toxicology and Applied Pharmacology</i> , 2016, 309, 77-86.	1.3	22
22	Progress of tubulin polymerization activity detection methods. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 37, 127698.	1.0	22
23	Progress in the development of small molecular inhibitors of the Bruton's tyrosine kinase (BTK) as a promising cancer therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 47, 116358.	1.4	22
24	Design and Antiproliferative Evaluation of Novel Sulfanilamide Derivatives as Potential Tubulin Polymerization Inhibitors. <i>Molecules</i> , 2017, 22, 1470.	1.7	20
25	Discovery of N-benzylarylamide derivatives as novel tubulin polymerization inhibitors capable of activating the Hippo pathway. <i>European Journal of Medicinal Chemistry</i> , 2022, 240, 114583.	2.6	20
26	Discovery of 1,2,4-triazine-based derivatives as novel neddylation inhibitors and anticancer activity studies against gastric cancer MGC-803 cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126791.	1.0	19
27	Design, Synthesis, and Anticancer Activity Studies of Novel Quinoline-Chalcone Derivatives. <i>Molecules</i> , 2021, 26, 4899.	1.7	19
28	Inulin with a low degree of polymerization protects human umbilical vein endothelial cells from hypoxia/reoxygenation-induced injury. <i>Carbohydrate Polymers</i> , 2019, 216, 97-106.	5.1	18
29	Synthesis and Biological Evaluation of Amino Chalcone Derivatives as Antiproliferative Agents. <i>Molecules</i> , 2020, 25, 5530.	1.7	18
30	Isolation, characterization and cytotoxic activity of benzophenone glucopyranosides from <i>Mahkota Dewa</i> (<i>Phaleria macrocarpa</i> (Scheff.) Boerl). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6862-6866.	1.0	16
31	Discovery of novel indole derivatives that inhibit NEDDylation and MAPK pathways against gastric cancer MGC803 cells. <i>Bioorganic Chemistry</i> , 2021, 107, 104634.	2.0	16
32	Discovery of 1,2,4-triazine dithiocarbamate derivatives as NEDDylation agonists to inhibit gastric cancers. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113801.	2.6	15
33	A novel aromatic amide derivative SY-65 co-targeted tubulin and histone deacetylase 1 with potent anticancer activity in vitro and in vivo. <i>Biochemical Pharmacology</i> , 2022, 201, 115070.	2.0	13
34	Design and Antiproliferative Activity of N-Heterocycle-Chalcone Derivatives. <i>Journal of Chemical Research</i> , 2016, 40, 620-623.	0.6	11
35	Diterpenoid alkaloids from <i>Aconitum kirinense</i> . <i>Journal of Asian Natural Products Research</i> , 2013, 15, 78-83.	0.7	10
36	Molecular diversity of phenothiazines: design and synthesis of phenothiazine-dithiocarbamate hybrids as potential cell cycle blockers. <i>Molecular Diversity</i> , 2017, 21, 933-942.	2.1	10

#	ARTICLE	IF	CITATIONS
37	Discovery of indoline derivatives as anticancer agents via inhibition of tubulin polymerization. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 43, 128095.	1.0	10
38	Discovery of novel tertiary amide derivatives as NEDDylation pathway activators to inhibit the tumor progression <i>in vitro</i> and <i>in vivo</i> . <i>European Journal of Medicinal Chemistry</i> , 2020, 192, 112153.	2.6	9
39	Efficient click reaction towards novel sulfonamide hybrids by molecular hybridization strategy as antiproliferative agents. <i>Journal of Chemical Sciences</i> , 2018, 130, 1.	0.7	8
40	Synthesis and bioactivity of novel coumarin derivatives. <i>Chemistry of Heterocyclic Compounds</i> , 2016, 52, 374-378.	0.6	7
41	Design, Synthesis and Antiproliferative Evaluation of 3-Aminopropoxy Derivatives of Chalcone. <i>Journal of Chemical Research</i> , 2016, 40, 624-627.	0.6	7
42	Discovery of <i>N</i> -aryl sulphonamide-quinazoline derivatives as anti-gastric cancer agents <i>in vitro</i> and <i>in vivo</i> via activating the Hippo signalling pathway. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1715-1731.	2.5	6
43	Design, Synthesis and Anticancer Activity Studies of Novel Trimethoxyphenyl-quinoline Derivatives. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 978.	0.6	6
44	Review of NEDDylation inhibition activity detection methods. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 29, 115875.	1.4	5
45	Recent progress of oridonin and its derivatives for cancer therapy and drug resistance. <i>Medicinal Chemistry Research</i> , 2021, 30, 1795-1821.	1.1	5
46	Design, Synthesis and Anticancer Activity Studies of Novel Quinoline-Indole Derivatives. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 3617.	0.6	5
47	Ras/Raf/MEK/ERK pathway axis mediated neurotoxicity induced by high-risk pesticide residue <i>Avermectin</i> . <i>Environmental Toxicology</i> , 2021, 36, 984-993.	2.1	5
48	Synthesis and biological evaluation of glycosides containing triazene-chalcones. <i>Molecular Diversity</i> , 2017, 21, 957-966.	2.1	4
49	Antiproliferative Evaluation <i>In Vitro</i> of a New Chalcone Inducing Apoptosis by ROS Generation Against MGC-803 Cells. <i>Pharmaceutical Chemistry Journal</i> , 2019, 53, 539-543.	0.3	4
50	Discovery of indoline derivatives that inhibit esophageal squamous cell carcinoma growth by Noxa mediated apoptosis. <i>Bioorganic Chemistry</i> , 2019, 92, 103190.	2.0	4
51	Discovery of Novel Diarylamide N-Containing Heterocyclic Derivatives as New Tubulin Polymerization Inhibitors with Anti-Cancer Activity. <i>Molecules</i> , 2021, 26, 4047.	1.7	4
52	Synthesis and Anticancer Activity of Novel Coumarin Derivatives. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 1598.	0.6	4
53	Discovery of novel 1,2,4-triazine-chalcone hybrids as anti-gastric cancer agents via an axis of ROS-ERK-DR5 <i>in vitro</i> and <i>in vivo</i> . <i>Arabian Journal of Chemistry</i> , 2022, 15, 103644.	2.3	4
54	The Henry reaction of (1R)-(1,4:3,6-dianhydro-d-mannitol-2-yl)-1,4:3,6-dianhydro-d-fructose 5,5-dinitrate. Different reactive features of nitromethane to nitroethane. <i>Carbohydrate Research</i> , 2009, 344, 2439-2443.	1.1	3

#	ARTICLE	IF	CITATIONS
55	Antiproliferative Evaluation of (E)-3-(3-(Allyloxy)-2-Methoxyphenyl)-1-(2,4,6-Trimethoxyphenyl)Prop-2-En-1-One as a Novel Apoptosis Inducer Against Prostate Cancer PC-3 Cells. <i>Pharmaceutical Chemistry Journal</i> , 2019, 52, 917-922.	0.3	0