Yihua Chen

List of Publications by Year
in descending order

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58 papers	2,214 citations	201575 27 h-index	223716 46 g-index
60 all docs	60 docs citations	60 times ranked	3730 citing authors

#	Article	IF	Citations
1	Suppression of the SLC7A11/glutathione axis causes synthetic lethality in KRAS-mutant lung adenocarcinoma. Journal of Clinical Investigation, 2020, 130, 1752-1766.	3.9	200
2	Inhibition of STAT3 Signaling Pathway by Nitidine Chloride Suppressed the Angiogenesis and Growth of Human Gastric Cancer. Molecular Cancer Therapeutics, 2012, 11, 277-287.	1.9	136
3	Design, Synthesis, and Biological Evaluation of Isoquinoline-1,3,4-trione Derivatives as Potent Caspase-3 Inhibitors. Journal of Medicinal Chemistry, 2006, 49, 1613-1623.	2.9	114
4	Hispidulin, a small flavonoid molecule, suppresses the angiogenesis and growth of human pancreatic cancer by targeting vascular endothelial growth factor receptor 2â€mediated PI3K/Akt/mTOR signaling pathway. Cancer Science, 2011, 102, 219-225.	1.7	111
5	A thermo-degradable hydrogel with light-tunable degradation and drug release. Biomaterials, 2017, 112, 133-140.	5.7	98
6	Cucurbitacin E inhibits breast tumor metastasis by suppressing cell migration and invasion. Breast Cancer Research and Treatment, 2012, 135, 445-458.	1.1	95
7	Inhibition of Breast Cancer Metastases by a Novel Inhibitor of TGFÎ² Receptor 1. Journal of the National Cancer Institute, 2013, 105, 47-58.	3.0	83
8	Next-generation of selective histone deacetylase inhibitors. RSC Advances, 2019, 9, 19571-19583.	1.7	83
9	Caffeic acid 3,4-dihydroxy-phenethyl ester suppresses receptor activator of NF-ÎºB ligandâ€“induced osteoclastogenesis and prevents ovariectomy-induced bone loss through inhibition of mitogen-activated protein kinase/activator protein 1 and Ca2+â€“nuclear factor of activated T-cells cytoplasmic 1 signaling pathways. Journal of Bone and Mineral Research, 2012, 27, 1298-1308.	3.1	72
10	Plumbagin inhibits tumour angiogenesis and tumour growth through the Ras signalling pathway following activation of the VEGF receptorâ€2. British Journal of Pharmacology, 2012, 165, 1084-1096.	2.7	70
11	Synthesis and Biological Evaluation of Triazol-4-ylphenyl-Bearing Histone Deacetylase Inhibitors as Anticancer Agents. Journal of Medicinal Chemistry, 2010, 53, 1347-1356.	2.9	66
12	A Natural Small Molecule Harmine Inhibits Angiogenesis and Suppresses Tumour Growth through Activation of p53 in Endothelial Cells. PLoS ONE, 2012, 7, e52162.	1.1	66
13	Synthesis and Biological Evaluation of Novel Tetrahydro-Î²-carboline Derivatives as Antitumor Growth and Metastasis Agents through Inhibiting the Transforming Growth Factor-Î² Signaling Pathway. Journal of Medicinal Chemistry, 2014, 57, 600-612.	2.9	57
14	A small molecule targeting myoferlin exerts promising anti-tumor effects on breast cancer. Nature Communications, 2018, 9, 3726.	5.8	53
15	In vivo target protein degradation induced by PROTACs based on E3 ligase DCAF15. Signal Transduction and Targeted Therapy, 2020, 5, 129.	7.1	53
16	Studies of Benzamideâ€and Thiolâ€Based Histone Deacetylase Inhibitors in Models of Oxidativeâ€Stressâ€Induced Neuronal Death: Identification of Some HDAC3â€Selective Inhibitors. ChemMedChem, 2009, 4, 842-852.	1.6	45
17	Isoquinoline-1,3,4-trione Derivatives Inactivate Caspase-3 by Generation of Reactive Oxygen Species. Journal of Biological Chemistry, 2008, 283, 30205-30215.	1.6	44
18	Small molecule PROTACs: an emerging technology for targeted therapy in drug discovery. RSC Advances, 2019, 9, 16967-16976.	1.7	44

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19	Xanthohumol, a Prenylated Chalcone Derived from Hops, Suppresses Cancer Cell Invasion through Inhibiting the Expression of CXCR4 Chemokine Receptor. Current Molecular Medicine, 2012, 12, 153-162.	0.6	43
20	Searching for Disease Modifiersâ€"PKC Activation and HDAC Inhibitionâ€"A Dual Drug Approach to Alzheimer's Disease that Decreases AÎ² Production while Blocking Oxidative Stress. ChemMedChem, 2009, 4, 1095-1105.	1.6	42
21	Optimization of 2-(3-(arylalkyl amino carbonyl) phenyl)-3-(2-methoxyphenyl)-4-thiazolidinone derivatives as potent antitumor growth and metastasis agents. European Journal of Medicinal Chemistry, 2014, 80, 340-351.	2.6	41
22	Construction of a 3-Amino-2-pyridone Library by Ring-Closing Metathesis of Î±-Amino Acrylamide. ACS Combinatorial Science, 2004, 6, 684-687.	3.3	36
23	Chemistry and Pharmacology of Nicotinic Ligands Based on 6â€[5â€(Azetidinâ€2â€ylmethoxy)pyridinâ€3â€yl]hexâ€5â€ynâ€1â€ol (AMOPâ€Hâ€OH) for Possible Use in Depression. ChemMedChem, 2009, 4, 1279-1291.	3.6	35
24	Antitumor Action of a Novel Histone Deacetylase Inhibitor, YF479, in Breast Cancer. Neoplasia, 2014, 16, 665-677.	2.3	35
25	Inhibition of histone deacetylases sensitizes EGF receptorâ€TK inhibitorâ€resistant nonâ€smallâ€cell lung cancer cells to erlotinib <scp>in vitro</scp> and <scp>in vivo</scp>. British Journal of Pharmacology, 2017, 174, 3608-3622.	2.7	34
26	Targeting Pyruvate Carboxylase by a Small Molecule Suppresses Breast Cancer Progression. Advanced Science, 2020, 7, 1903483.	5.6	33
27	Design and Optimization of Novel Hydroxamate-Based Histone Deacetylase Inhibitors of Bis-Substituted Aromatic Amides Bearing Potent Activities against Tumor Growth and Metastasis. Journal of Medicinal Chemistry, 2014, 57, 9357-9369.	2.9	30
28	Modification and Biological Evaluation of a Series of 1,5-Diaryl-1,2,4-triazole Compounds as Novel Agents against Pancreatic Cancer Metastasis through Targeting Myoferlin. Journal of Medicinal Chemistry, 2019, 62, 4949-4966.	2.9	27
29	Inhibition of HDACs-EphA2 Signaling Axis with WW437 Demonstrates Promising Preclinical Antitumor Activity in Breast Cancer. EBioMedicine, 2018, 31, 276-286.	2.7	24
30	Caffeic Acid 3,4-Dihydroxy-Phenethyl Ester Induces Cancer Cell Senescence by Suppressing Twist Expression. Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 238-247.	1.3	23
31	Design and optimization of hybrid of 2,4-diaminopyrimidine and arylthiazole scaffold as anticancer cell proliferation and migration agents. European Journal of Medicinal Chemistry, 2015, 96, 269-280.	2.6	22
32	Synthesis and Biological Evaluation of B-Cell Lymphoma 6 Inhibitors of N-Phenyl-4-pyrimidinamine Derivatives Bearing Potent Activities against Tumor Growth. Journal of Medicinal Chemistry, 2020, 63, 676-695.	2.9	22
33	Design, synthesis and evaluation of phenylthiazole and phenylthiophene pyrimidindiamine derivatives targeting the bacterial membrane. European Journal of Medicinal Chemistry, 2020, 190, 112141.	2.6	20
34	Targeting key proteins involved in transcriptional regulation for cancer therapy: Current strategies and future prospective. Medicinal Research Reviews, 2022, 42, 1607-1660.	5.0	20
35	Isoquinoline-1,3,4-trione and its derivatives attenuate ?-amyloid-induced apoptosis of neuronal cells. FEBS Journal, 2006, 273, 4842-4852.	2.2	19
36	LG-362B targets PML-RARÎ± and blocks ATRA resistance of acute promyelocytic leukemia. Leukemia, 2016, 30, 1465-1474.	3.3	19

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37	A hybrid of thiazolidinone with the hydroxamate scaffold for developing novel histone deacetylase inhibitors with antitumor activities. Organic and Biomolecular Chemistry, 2016, 14, 1727-1735.	1.5	17
38	A Novel TGR5 Activator WB403 Promotes GLP-1 Secretion and Preserves Pancreatic Î²-Cells in Type 2 Diabetic Mice. PLoS ONE, 2015, 10, e0134051.	1.1	16
39	Discovery and Optimization of N-Substituted 2-(4-pyridinyl)thiazole carboxamides against Tumor Growth through Regulating Angiogenesis Signaling Pathways. Scientific Reports, 2016, 6, 33434.	1.6	14
40	Synthesis and biological evaluation of thiophene-based hydroxamate derivatives as HDACis with antitumor activities. Future Medicinal Chemistry, 2020, 12, 655-672.	1.1	14
41	A novel synthetic small molecule <scp>YH</scp>â€306 suppresses colorectal tumour growth and metastasis via <scp>FAK</scp> pathway. Journal of Cellular and Molecular Medicine, 2015, 19, 383-395.	1.6	13
42	Inhibition of breast cancer progression by a novel histone deacetylase inhibitor, <scp>LW</scp>479, by downâ€regulating <scp>EGFR</scp> expression. British Journal of Pharmacology, 2015, 172, 3817-3830.	2.7	13
43	Design, synthesis and evaluation of hybrid of tetrahydrocarbazole with 2,4-diaminopyrimidine scaffold as antibacterial agents. European Journal of Medicinal Chemistry, 2019, 162, 203-211.	2.6	13
44	Discovery of 2-Amino-3-cyanothiophene Derivatives as Potent STAT3 Inhibitors for the Treatment of Osteosarcoma Growth and Metastasis. Journal of Medicinal Chemistry, 2022, 65, 6710-6728.	2.9	13
45	A novel synthetic small molecule YF-452 inhibits tumor growth through antiangiogenesis by suppressing VEGF receptor 2 signaling. Science China Life Sciences, 2017, 60, 202-214.	2.3	12
46	Inhibition of CDC25B With WG-391D Impedes the Tumorigenesis of Ovarian Cancer. Frontiers in Oncology, 2019, 9, 236.	1.3	11
47	Discovery of potent ureido tetrahydrocarbazole derivatives for cancer treatments through targeting tumor-associated macrophages. European Journal of Medicinal Chemistry, 2019, 183, 111741.	2.6	10
48	Novel irreversible caspase-1 inhibitor attenuates the maturation of intracellular interleukin-1Î². Biochemistry and Cell Biology, 2007, 85, 56-65.	0.9	8
49	An Emerging Therapeutic Approach by Targeting Myoferlin (MYOF) for Malignant Tumors. Current Topics in Medicinal Chemistry, 2020, 20, 1509-1515.	1.0	8
50	LG308, a Novel Synthetic Compound with Antimicrotubule Activity in Prostate Cancer Cells, Exerts Effective Antitumor Activity. Journal of Pharmacology and Experimental Therapeutics, 2015, 355, 473-483.	1.3	7
51	Research on function and mechanisms of a novel small moleculeWG449E for hypertrophic scar. Journal of the European Academy of Dermatology and Venereology, 2020, 34, 608-618.	1.3	7
52	Targeting Twist expression with small molecules. MedChemComm, 2017, 8, 268-275.	3.5	6
53	Identification, Synthesis and Photo-protection Evaluation of Arylthiazole Derivatives as a Novel Series of Sunscreens. Heterocycles, 2014, 89, 453.	0.4	5
54	Recent Advances of Small Molecular Regulators Targeting G Protein- Coupled Receptors Family for Oncology Immunotherapy. Current Topics in Medicinal Chemistry, 2019, 19, 1464-1483.	1.0	3

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55	Oblongifolinol, a new long chain diol from bark of Litsea rotundifolia var. oblongifolia. Natural Product Research, 2006, 20, 107-111.	1.0	2
56	Development of hydroxamate-based histone deacetylase inhibitors of bis-substituted aromatic amides with antitumor activities. MedChemComm, 2019, 10, 1828-1837.	3.5	2
57	Novel orthodiphenyl five-member N-heteroaromatic compounds as potent anticancer cell agents. Medicinal Chemistry Research, 2022, 31, 936-948.	1.1	2
58	The promising combination therapy strategy for overcoming resistance to histone deacetylase inhibitors in diffuse large Bâ€cell lymphoma. Clinical and Translational Discovery, 2022, 2, .	0.2	0