

Yinglan Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,470
citations

394421

19
h-index

345221

36
g-index

66
all docs

66
docs citations

66
times ranked

2472
citing authors

#	ARTICLE	IF	CITATIONS
1	Cationic nanocarriers induce cell necrosis through impairment of Na ⁺ /K ⁺ -ATPase and cause subsequent inflammatory response. <i>Cell Research</i> , 2015, 25, 237-253.	12.0	218
2	Reprogramming of lipid metabolism in cancer-associated fibroblasts potentiates migration of colorectal cancer cells. <i>Cell Death and Disease</i> , 2020, 11, 267.	6.3	135
3	Prognostic significance of frequent CLDN18-ARHGAP26/6 fusion in gastric signet-ring cell cancer. <i>Nature Communications</i> , 2018, 9, 2447.	12.8	100
4	Targeting protein arginine methyltransferase 5 inhibits colorectal cancer growth by decreasing arginine methylation of eIF4E and FGFR3. <i>Oncotarget</i> , 2015, 6, 22799-22811.	1.8	83
5	DHODH and cancer: promising prospects to be explored. <i>Cancer & Metabolism</i> , 2021, 9, 22.	5.0	71
6	Uric Acid Produces an Inflammatory Response through Activation of NF- κ B in the Hypothalamus: Implications for the Pathogenesis of Metabolic Disorders. <i>Scientific Reports</i> , 2015, 5, 12144.	3.3	64
7	Recent progress in treatment of hepatocellular carcinoma. <i>American Journal of Cancer Research</i> , 2020, 10, 2993-3036.	1.4	55
8	Uric Acid Induces Cognitive Dysfunction through Hippocampal Inflammation in Rodents and Humans. <i>Journal of Neuroscience</i> , 2016, 36, 10990-11005.	3.6	47
9	KMT2C deficiency promotes small cell lung cancer metastasis through DNMT3A-mediated epigenetic reprogramming. <i>Nature Cancer</i> , 2022, 3, 753-767.	13.2	41
10	Mechanism study of Aconitum-induced neurotoxicity in PC12 cells: Involvement of dopamine release and oxidative damage. <i>NeuroToxicology</i> , 2010, 31, 752-757.	3.0	39
11	ZY0511, a novel, potent and selective LSD1 inhibitor, exhibits anticancer activity against solid tumors via the DDIT4/mTOR pathway. <i>Cancer Letters</i> , 2019, 454, 179-190.	7.2	35
12	Cytoplasmic SHMT2 drives the progression and metastasis of colorectal cancer by inhibiting β -catenin degradation. <i>Theranostics</i> , 2021, 11, 2966-2986.	10.0	35
13	Bifunctional Naphtho[2,3- <i>d</i>][1,2,3]triazole-4,9-dione Compounds Exhibit Antitumor Effects In Vitro and In Vivo by Inhibiting Dihydroorotate Dehydrogenase and Inducing Reactive Oxygen Species Production. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 7633-7652.	6.4	33
14	Toll-like receptor 3 modulates the behavioral effects of cocaine in mice. <i>Journal of Neuroinflammation</i> , 2018, 15, 93.	7.2	32
15	YLT192, a Novel, Orally Active Bioavailable Inhibitor of VEGFR2 Signaling with Potent Antiangiogenic Activity and Antitumor Efficacy in Preclinical Models. <i>Scientific Reports</i> , 2015, 4, 6031.	3.3	31
16	Enhancement of oxaliplatin-induced cell apoptosis and tumor suppression by 3-methyladenine in colon cancer. <i>Oncology Letters</i> , 2015, 9, 2056-2062.	1.8	30
17	Arginine Methyltransferase 1 in the Nucleus Accumbens Regulates Behavioral Effects of Cocaine. <i>Journal of Neuroscience</i> , 2015, 35, 12890-12902.	3.6	28
18	Cocaine induces differential circular RNA expression in striatum. <i>Translational Psychiatry</i> , 2019, 9, 199.	4.8	23

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19	Prenatal cocaine exposure impairs cognitive function of progeny via insulin growth factor II epigenetic regulation. <i>Neurobiology of Disease</i> , 2015, 82, 54-65.	4.4	22
20	Brain Renin-Angiotensin System Blockade Attenuates Methamphetamine-Induced Hyperlocomotion and Neurotoxicity. <i>Neurotherapeutics</i> , 2018, 15, 500-510.	4.4	22
21	Cocaine modifies brain lipidome in mice. <i>Molecular and Cellular Neurosciences</i> , 2017, 85, 29-44.	2.2	21
22	Synergistic antitumor effect of 5-fluorouracil with the novel LSD1 inhibitor ZY0511 in colorectal cancer. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592093742.	3.2	20
23	NMR-Based Metabolic Profiling Reveals Neurochemical Alterations in the Brain of Rats Treated with Sorafenib. <i>Neurotoxicity Research</i> , 2015, 28, 290-301.	2.7	19
24	Role of BRD4 phosphorylation in the nucleus accumbens in relapse to cocaine-seeking behavior in mice. <i>Addiction Biology</i> , 2020, 25, e12808.	2.6	17
25	YL529, a novel, orally available multikinase inhibitor, potently inhibits angiogenesis and tumour growth in preclinical models. <i>British Journal of Pharmacology</i> , 2013, 169, 1766-1780.	5.4	15
26	Endocannabinoid signaling regulates the reinforcing and psychostimulant effects of ketamine in mice. <i>Nature Communications</i> , 2020, 11, 5962.	12.8	15
27	Overexpression of PSAT1 regulated by G9A sustains cell proliferation in colorectal cancer. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 47.	17.1	15
28	Remodeling of brain lipidome in methamphetamine-sensitized mice. <i>Toxicology Letters</i> , 2017, 279, 67-76.	0.8	14
29	Lipidomic signature of serum from the rats exposed to alcohol for one year. <i>Toxicology Letters</i> , 2018, 294, 166-176.	0.8	13
30	Chronic alcohol causes alteration of lipidome profiling in brain. <i>Toxicology Letters</i> , 2019, 313, 19-29.	0.8	13
31	¹ H-NMR-based metabolic profiling of a colorectal cancer CT-26 lung metastasis model in mice. <i>Oncology Reports</i> , 2017, 38, 3044-3054.	2.6	12
32	LC-MS/MS metabolome analysis detects the changes in the lipid metabolic profiles of dMMR and pMMR cells. <i>Oncology Reports</i> , 2018, 40, 1026-1034.	2.6	12
33	Nicotinamide phosphoribosyltransferase regulates cocaine reward through Sirtuin 1. <i>Experimental Neurology</i> , 2018, 307, 52-61.	4.1	10
34	Roles of G Protein-Coupled Receptors (GPCRs) in Gastrointestinal Cancers: Focus on Sphingosine 1-Phosphate Receptors, Angiotensin II Receptors, and Estrogen-Related GPCRs. <i>Cells</i> , 2021, 10, 2988.	4.1	10
35	Synthesis, Crystal Structure and Evaluation of Cancer Inhibitory Activity of 4-[indol-3-yl-Methylene]-1-pyrazol-5-one derivatives. <i>Journal of Chemical Research</i> , 2012, 36, 691-696.	1.3	9
36	Validation of a high-performance liquid chromatographic ultraviolet detection method for the quantification of vandetanib in rat plasma and its application to pharmacokinetic studies. <i>Journal of Cancer Research and Therapeutics</i> , 2014, 10, 84.	0.9	9

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37	HMG-CoA synthase 2 drives brain metabolic reprogramming in cocaine exposure. <i>Neuropharmacology</i> , 2019, 148, 377-393.	4.1	9
38	Role of Nicotinamide N-Methyltransferase in Dorsal Striatum in Cocaine Place Preference. <i>Neuropsychopharmacology</i> , 2017, 42, 2333-2343.	5.4	6
39	Discovery of a novel class of pyridine derivatives that selectively inhibits mutant isocitrate dehydrogenase 2. <i>Chemical Biology and Drug Design</i> , 2018, 91, 1087-1093.	3.2	6
40	A novel series of human dihydroorotate dehydrogenase inhibitors discovered by in vitro screening: inhibition activity and crystallographic binding mode. <i>FEBS Open Bio</i> , 2019, 9, 1348-1354.	2.3	6
41	4R Tau Modulates Cocaine-Associated Memory through Adult Dorsal Hippocampal Neurogenesis. <i>Journal of Neuroscience</i> , 2021, 41, 6753-6774.	3.6	6
42	The novel LSD1 inhibitor ZY0511 suppresses diffuse large B-cell lymphoma proliferation by inducing apoptosis and autophagy. <i>Medical Oncology</i> , 2021, 38, 124.	2.5	6
43	A small molecular agent YL529 inhibits VEGF-D-induced lymphangiogenesis and metastasis in preclinical tumor models in addition to its known antitumor activities. <i>BMC Cancer</i> , 2015, 15, 525.	2.6	5
44	A simple method based on Sanger sequencing and MS Word wildcard searching to identify Cas9-induced frameshift mutations. <i>Laboratory Investigation</i> , 2017, 97, 1500-1507.	3.7	5
45	Design and biological evaluation of tetrahydropyridine derivatives as novel human GPR119 agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126855.	2.2	5
46	Synthesis of N-Substituted Benzamide Derivatives and their Evaluation as Antitumor Agents. <i>Medicinal Chemistry</i> , 2020, 16, 555-562.	1.5	5
47	Design, Synthesis, and Biological Evaluation of a Novel Series of Teriflunomide Derivatives as Potent Human Dihydroorotate Dehydrogenase Inhibitors for Malignancy Treatment. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 18175-18192.	6.4	5
48	Biophysical and biochemical properties of PHGDH revealed by studies on PHGDH inhibitors. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 1.	5.4	5
49	Synthesis and evaluation of 2-(2-((4-substituted-phenoxy)methyl)-1H-benzo[d]) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td 4050-4059.	2.4	4
50	HPLC Determination of Enantiomeric Purity of PF-04136309 Based on a Chiral Stationary Phase. <i>Chromatographia</i> , 2015, 78, 579-583.	1.3	3
51	Synthesis, Crystal Structure and Antitumour Activity Evaluation of 1H-thieno[2,3-c]chromen-4(2H)-one Derivatives. <i>Journal of Chemical Research</i> , 2017, 41, 36-41.	1.3	3
52	Structure-activity relationship study of DEL-22379: ERK dimerization inhibitors with increased safety. <i>Molecular Diversity</i> , 2021, 25, 1051-1075.	3.9	3
53	Lipidomics Reveals Dysregulated Glycerophospholipid Metabolism in the Corpus Striatum of Mice Treated with Cefepime. <i>ACS Chemical Neuroscience</i> , 2021, 12, 4449-4464.	3.5	3
54	Synapse differentiation-induced gene 1 regulates stress-induced depression through interaction with the AMPA receptor GluA2 subunit of nucleus accumbens in male mice. <i>Neuropharmacology</i> , 2022, 213, 109076.	4.1	3

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55	(E)-3-(Aryl(arylamino)Methylene)Indolin-2-One Derivatives: An Efficient Synthetic Approach and Evaluation of their Cancer Inhibitory Activity. <i>Journal of Chemical Research</i> , 2018, 42, 44-49.	1.3	2
56	Integrated lipidomic and transcriptomic analysis reveals clarithromycin-induced alteration of glycerophospholipid metabolism in the cerebral cortex of mice. <i>Cell Biology and Toxicology</i> , 2023, 39, 771-793.	5.3	2
57	Lipidomic profiling reveals lipid regulation by a novel LSD1 inhibitor treatment. <i>Oncology Reports</i> , 2021, 46, .	2.6	2
58	Discovery of novel inhibitors of human phosphoglycerate dehydrogenase by activity-directed combinatorial chemical synthesis strategy. <i>Bioorganic Chemistry</i> , 2021, 115, 105159.	4.1	2
59	Neonatal exposure to sevoflurane induces adolescent neurobehavioral dysfunction by interfering with hippocampal glycerophospholipid metabolism in rats. <i>Cerebral Cortex</i> , 2023, 33, 1955-1971.	2.9	2
60	A novel series of teriflunomide derivatives as orally active inhibitors of human dihydroorotate dehydrogenase for the treatment of colorectal carcinoma. <i>European Journal of Medicinal Chemistry</i> , 2022, 238, 114489.	5.5	1
61	Synthesis and characterization of furazan derivatives and their evaluation as antitumor agents. <i>Chemical Papers</i> , 2019, 73, 2813-2820.	2.2	0
62	Heparin and Related Substances for Treating Diabetic Foot Ulcers: A Systematic Review and Meta-Analysis. <i>Frontiers in Endocrinology</i> , 2022, 13, 749368.	3.5	0
63	Synthesis and bioactivity evaluation of 5,6-epoxynorcantharidin mono-amide and imide derivatives. <i>Monatshefte für Chemie</i> , 2022, 153, 359-367.	1.8	0