

Jian-Ye Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

2,601
citations

147801

31
h-index

223800

46
g-index

83
all docs

83
docs citations

83
times ranked

3259
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein by-products: Composition, extraction, and biomedical applications. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 9436-9481.	10.3	7
2	Antiproliferative and cytotoxic activity of Geraniaceae plant extracts against five tumor cell lines. <i>Future Science OA</i> , 2022, 8, FSO775.	1.9	2
3	Research Progress on Natural Diterpenoids in Reversing Multidrug Resistance. <i>Frontiers in Pharmacology</i> , 2022, 13, 815603.	3.5	1
4	Cholesterol promotes EGFR-TKIs resistance in NSCLC by inducing EGFR/Src/Erk/SP1 signaling-mediated ERR1± re-expression. <i>Molecular Cancer</i> , 2022, 21, 77.	19.2	40
5	Biological roles of RNA m5C modification and its implications in Cancer immunotherapy. <i>Biomarker Research</i> , 2022, 10, 15.	6.8	57
6	A Glossary for Chemical Approaches towards Unlocking the Trove of Metabolic Treasures in Actinomycetes. <i>Molecules</i> , 2022, 27, 142.	3.8	4
7	CDK6-PI3K signaling axis is an efficient target for attenuating ABCB1/P-gp mediated multi-drug resistance (MDR) in cancer cells. <i>Molecular Cancer</i> , 2022, 21, 103.	19.2	19
8	Herbal medications and natural products for patients with covid-19 and diabetes mellitus: Potentials and challenges. <i>Phytomedicine Plus</i> , 2022, 2, 100280.	2.0	8
9	Editorial: Biology and Pharmacological Effects of Extracellular Vesicles in Cancer. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 896561.	3.5	0
10	Therapeutic implication of carbon monoxide in drug resistant cancers. <i>Biochemical Pharmacology</i> , 2022, 201, 115061.	4.4	4
11	Apigenin suppresses tumor angiogenesis and growth via inhibiting HIF-1± expression in non-small cell lung carcinoma. <i>Chemico-Biological Interactions</i> , 2022, 361, 109966.	4.0	13
12	Effect of lathyrol derivatives on non-small cell lung cancer and the possible mechanism.. <i>Journal of Central South University (Medical Sciences)</i> , 2022, 47, 143-152.	0.1	1
13	Gel-Free Single-Cell Culture Arrays on a Microfluidic Chip for Highly Efficient Expansion and Recovery of Colon Cancer Stem Cells. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 3623-3632.	5.2	1
14	Multifunctional microfluidic chip for cancer diagnosis and treatment. <i>Nanotheranostics</i> , 2021, 5, 73-89.	5.2	38
15	Evaluation of dynamic changes in the bioactive components in Citri Reticulatae Pericarpium (<i>Citrus reticulata</i>) "Chachi" under different harvesting and drying conditions. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 3280-3289.	3.5	30
16	Cell-Free DNA: Hope and Potential Application in Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 639233.	3.7	60
17	The key roles of cancer stem cell-derived extracellular vesicles. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 109.	17.1	64
18	A hybrid platform featuring nanomagnetic ligand fishing for discovering COX-2 selective inhibitors from aerial part of <i>Saussurea laniceps</i> Hand.-Mazz. <i>Journal of Ethnopharmacology</i> , 2021, 271, 113849.	4.1	14

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19	Methylation Landscape: Targeting Writer or Eraser to Discover Anti-Cancer Drug. <i>Frontiers in Pharmacology</i> , 2021, 12, 690057.	3.5	5
20	The Potential Role of Extracellular Vesicles in COVID-19 Treatment: Opportunity and Challenge. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 699929.	3.5	23
21	Pharmaceutical Approaches on Antimicrobial Resistance: Prospects and Challenges. <i>Antibiotics</i> , 2021, 10, 981.	3.7	21
22	Osthole: an overview of its sources, biological activities, and modification development. <i>Medicinal Chemistry Research</i> , 2021, 30, 1767-1794.	2.4	57
23	Application of microfluidic chips in anticancer drug screening. <i>Bosnian Journal of Basic Medical Sciences</i> , 2021, , .	1.0	4
24	Synthesis and biological evaluation of novel ligustrazine-chalcone derivatives as potential anti-triple negative breast cancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 47, 128230.	2.2	16
25	Intercellular transfer of exosomal wild type EGFR triggers osimertinib resistance in non-small cell lung cancer. <i>Molecular Cancer</i> , 2021, 20, 17.	19.2	67
26	Structure of 3-mercaptopropionic acid dioxygenase with a substrate analog reveals bidentate substrate binding at the iron center. <i>Journal of Biological Chemistry</i> , 2021, 296, 100492.	3.4	12
27	Microfluidics applications for high-throughput single cell sequencing. <i>Journal of Nanobiotechnology</i> , 2021, 19, 312.	9.1	44
28	Roles of Major RNA Adenosine Modifications in Head and Neck Squamous Cell Carcinoma. <i>Frontiers in Pharmacology</i> , 2021, 12, 779779.	3.5	3
29	Development of a Critical Appraisal Tool (AIMRDA) for the Peer-Review of Studies Assessing the Anticancer Activity of Natural Products: A Step towards Reproducibility. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 3735-3740.	1.2	1
30	Highly selective isomer fluorescent probes for distinguishing homo-/cysteine from glutathione based on AIE. <i>Talanta</i> , 2020, 206, 120177.	5.5	38
31	Chloroquine against malaria, cancers and viral diseases. <i>Drug Discovery Today</i> , 2020, 25, 2012-2022.	6.4	61
32	Pristimerin induces apoptosis and inhibits proliferation, migration in H1299 Lung Cancer Cells. <i>Journal of Cancer</i> , 2020, 11, 6348-6355.	2.5	19
33	Adverse Effects of Anti-PD-1/PD-L1 Therapy in Non-small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 554313.	2.8	32
34	The Biological Functions and Clinical Applications of Integrins in Cancers. <i>Frontiers in Pharmacology</i> , 2020, 11, 579068.	3.5	71
35	PD-1/PD-L1 Based Combinational Cancer Therapy: Icing on the Cake. <i>Frontiers in Pharmacology</i> , 2020, 11, 722.	3.5	65
36	Identification of lipophilic components in <i>Citri Reticulatae</i> Pericarpium cultivars by supercritical CO ₂ fluid extraction with ultra-high performance liquid chromatography-Q Exactive Orbitrap tandem mass spectrometry. <i>Journal of Separation Science</i> , 2020, 43, 3421-3440.	2.5	18

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37	The Role of Exosomal microRNA in Cancer Drug Resistance. <i>Frontiers in Oncology</i> , 2020, 10, 472.	2.8	36
38	Exosomes with low miR-34c-3p expression promote invasion and migration of non-small cell lung cancer by upregulating integrin $\alpha 2 \beta 1$. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 39.	17.1	88
39	Preparation, characterization and in vitro/in vivo evaluation of bortezomib supermolecular aggregation nanovehicles. <i>Journal of Nanobiotechnology</i> , 2020, 18, 57.	9.1	10
40	Elevated ABCB1 Expression Confers Acquired Resistance to Aurora Kinase Inhibitor GSK-1070916 in Cancer Cells. <i>Frontiers in Pharmacology</i> , 2020, 11, 615824.	3.5	14
41	Costunolide induces apoptosis and inhibits migration and invasion in H1299 lung cancer cells. <i>Oncology Reports</i> , 2020, 43, 1986-1994.	2.6	8
42	The targeting of non-coding RNAs by curcumin: Facts and hopes for cancer therapy (Review). <i>Oncology Reports</i> , 2019, 42, 20-34.	2.6	38
43	Anti-Cancer Effects of Pristimerin and the Mechanisms: A Critical Review. <i>Frontiers in Pharmacology</i> , 2019, 10, 746.	3.5	50
44	Tepotinib reverses ABCB1-mediated multidrug resistance in cancer cells. <i>Biochemical Pharmacology</i> , 2019, 166, 120-127.	4.4	52
45	MED12 exerts an emerging role in actin-mediated cytokinesis via LIMK2/cofilin pathway in NSCLC. <i>Molecular Cancer</i> , 2019, 18, 93.	19.2	16
46	Secalonic acid D induces cell apoptosis in both sensitive and ABCG2-overexpressing multidrug resistant cancer cells through upregulating c-Jun expression. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 516-525.	12.0	17
47	Retinal-chitosan Conjugates Effectively Deliver Active Chromophores to Retinal Photoreceptor Cells in Blind Mice and Dogs. <i>Molecular Pharmacology</i> , 2018, 93, 438-452.	2.3	15
48	Dacomitinib potentiates the efficacy of conventional chemotherapeutic agents via inhibiting the drug efflux function of ABCG2 in vitro and in vivo. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 31.	8.6	22
49	Retinoid isomerase inhibitors impair but do not block mammalian cone photoreceptor function. <i>Journal of General Physiology</i> , 2018, 150, 571-590.	1.9	28
50	CuS Nanodot-Loaded Thermosensitive Hydrogel for Anticancer Photothermal Therapy. <i>Molecular Pharmaceutics</i> , 2018, 15, 4621-4631.	4.6	28
51	A novel small molecule chaperone of rod opsin and its potential therapy for retinal degeneration. <i>Nature Communications</i> , 2018, 9, 1976.	12.8	48
52	Fluorescence probes based on AIE luminogen: application for sensing Hg^{2+} in aqueous media and cellular imaging. <i>New Journal of Chemistry</i> , 2018, 42, 13836-13846.	2.8	23
53	Ceritinib Enhances the Efficacy of Substrate Chemotherapeutic Agent in Human ABCB1-Overexpressing Leukemia Cells In Vitro, In Vivo and Ex-Vivo. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 2487-2499.	1.6	15
54	Hydrogen/Deuterium Exchange Mass Spectrometry of Human Green Opsin Reveals a Conserved Pro-Pro Motif in Extracellular Loop 2 of Monostable Visual G Protein-Coupled Receptors. <i>Biochemistry</i> , 2017, 56, 2338-2348.	2.5	8

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55	Comparison of chemical profiles between the root and aerial parts from three Bupleurum species based on a UHPLC-QTOF-MS metabolomics approach. BMC Complementary and Alternative Medicine, 2017, 17, 305.	3.7	55
56	Euphorbia factor L2 induces apoptosis in A549 cells through the mitochondrial pathway. Acta Pharmaceutica Sinica B, 2017, 7, 59-64.	12.0	53
57	Context-dependent compensation among phosphatidylserine-recognition receptors. Scientific Reports, 2017, 7, 14623.	3.3	23
58	Structure Identification and In Vitro Anticancer Activity of Lathyril-3-phenylacetate-5,15-diacetate. Molecules, 2017, 22, 1412.	3.8	11
59	Parthenolide suppresses non-small cell lung cancer GLC-82 cells growth via B-Raf/MAPK/Erk pathway. Oncotarget, 2017, 8, 23436-23447.	1.8	61
60	Apicidin Inhibited Proliferation and Invasion and Induced Apoptosis via Mitochondrial Pathway in Non-small Cell Lung Cancer GLC-82 Cells. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 1374-1382.	1.7	21
61	Key Residues for Catalytic Function and Metal Coordination in a Carotenoid Cleavage Dioxygenase. Journal of Biological Chemistry, 2016, 291, 19401-19412.	3.4	25
62	Bruceine D induces apoptosis in human chronic myeloid leukemia K562 cells via mitochondrial pathway. American Journal of Cancer Research, 2016, 6, 819-26.	1.4	26
63	Combinational Treatment of Curcumin and Quercetin against Gastric Cancer MGC-803 Cells in Vitro. Molecules, 2015, 20, 11524-11534.	3.8	90
64	Utilization of Dioxygen by Carotenoid Cleavage Oxygenases. Journal of Biological Chemistry, 2015, 290, 30212-30223.	3.4	48
65	UPLC-QTOF-MS identification of metabolites in rat biosamples after oral administration of Dioscorea saponins: A comparative study. Journal of Ethnopharmacology, 2015, 165, 127-140.	4.1	66
66	Expansion of First-in-Class Drug Candidates That Sequester Toxic All- <i>trans</i> -Retinal and Prevent Light-Induced Retinal Degeneration. Molecular Pharmacology, 2015, 87, 477-491.	2.3	19
67	Fingerprint analysis of processed Rhizoma Chuanxiong by high-performance liquid chromatography coupled with diode array detection. Chinese Medicine, 2015, 10, 2.	4.0	24
68	Catalytic mechanism of a retinoid isomerase essential for vertebrate vision. Nature Chemical Biology, 2015, 11, 409-415.	8.0	66
69	Anticancer Activity and Mechanism Investigation of Beauvericin Isolated from Secondary Metabolites of the Mangrove Endophytic Fungi. Anti-Cancer Agents in Medicinal Chemistry, 2015, 15, 258-266.	1.7	56
70	Chemical Profile Analysis and Comparison of Two Versions of the Classic TCM Formula Danggui Buxue Tang by HPLC-DAD-ESI-IT-TOF-MSn. Molecules, 2014, 19, 5650-5673.	3.8	13
71	Human infrared vision is triggered by two-photon chromophore isomerization. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5445-54.	7.1	80
72	Identification and Characterization of Novel Inhibitors of Mammalian Aspartyl Aminopeptidase. Molecular Pharmacology, 2014, 86, 231-242.	2.3	11

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73	An integrated strategy based on UPLC-MS/MS for metabolism and pharmacokinetic studies of herbal medicines: Tibetan "Snow Lotus" herb (<i>Saussurea laniceps</i>), a case study. <i>Journal of Ethnopharmacology</i> , 2014, 153, 701-713.	4.1	50
74	Quercetin Induces Apoptosis via the Mitochondrial Pathway in KB and KBv200 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 2188-2195.	5.2	52
75	Apoptosis Sensitization by Euphorbia Factor L1 in ABCB1-Mediated Multidrug Resistant K562/ADR Cells. <i>Molecules</i> , 2013, 18, 12793-12808.	3.8	26
76	Structure Identification of Euphorbia Factor L3 and Its Induction of Apoptosis through the Mitochondrial Pathway. <i>Molecules</i> , 2011, 16, 3222-3231.	3.8	17
77	Euphorbia factor L1 reverses ABCB1-mediated multidrug resistance involving interaction with ABCB1 independent of ABCB1 downregulation. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 1076-1083.	2.6	23
78	Anthracenedione Derivatives as Anticancer Agents Isolated from Secondary Metabolites of the Mangrove Endophytic Fungi. <i>Marine Drugs</i> , 2010, 8, 1469-1481.	4.6	83
79	Secalonic Acid D induced leukemia cell apoptosis and cell cycle arrest of G1 with involvement of GSK-3 β / β -catenin/c-Myc pathway. <i>Cell Cycle</i> , 2009, 8, 2444-2450.	2.6	99
80	Anthracenedione derivative 1403P-3 induces apoptosis in KB and KBv200 cells via reactive oxygen species-independent mitochondrial pathway and death receptor pathway. <i>Cancer Biology and Therapy</i> , 2007, 6, 1409-1417.	3.4	60
81	Exosomes of A549 Cells Induced Migration, Invasion, and EMT of BEAS-2B Cells Related to let-7c-5p and miR-181b-5p. <i>Frontiers in Endocrinology</i> , 0, 13, .	3.5	5