

Zhangang Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

2,550
citations

186265

28
h-index

233421

45
g-index

88
all docs

88
docs citations

88
times ranked

3898
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Vitamin D in Gastrointestinal Diseases: Inflammation, Gastric Cancer, and Colorectal Cancer. <i>Current Medicinal Chemistry</i> , 2022, 29, 3836-3856.	2.4	5
2	Alpha-solanine anti-tumor effects in non-small cell lung cancer through regulating the energy metabolism pathway. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2022, 17, .	1.6	3
3	Dopamine receptor D1 signaling stimulates lipolysis and browning of white adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2022, 588, 83-89.	2.1	14
4	Carboranes as unique pharmacophores in antitumor medicinal chemistry. <i>Molecular Therapy - Oncolytics</i> , 2022, 24, 400-416.	4.4	48
5	Pharmacotranscriptomic profiling of resistant triple-negative breast cancer cells treated with lapatinib and berberine shows upregulation of PI3K/Akt signaling under cytotoxic stress. <i>Gene</i> , 2022, 816, 146171.	2.2	3
6	Current Understanding and Future Perspectives on Hyperprogressive Disease Highlight the Tumor Microenvironment. <i>Journal of Clinical Pharmacology</i> , 2022, 62, 1059-1078.	2.0	0
7	Dynamic response landscape of immune cells identified immune dysfunction which predicts disease progression in COVID-19 infected patients. <i>International Journal of Biological Sciences</i> , 2022, 18, 3066-3081.	6.4	1
8	Pueraria lobata starch regulates gut microbiota and alleviates high-fat high-cholesterol diet induced non-alcoholic fatty liver disease in mice. <i>Food Research International</i> , 2022, 157, 111401.	6.2	17
9	Hepatitis B virus X protein mediated epigenetic alterations in the pathogenesis of hepatocellular carcinoma. <i>Hepatology International</i> , 2022, 16, 741-754.	4.2	6
10	The dietary supplement <i>Rhodiola crenulata</i> extract alleviates dextran sulfate sodium-induced colitis in mice through anti-inflammation, mediating gut barrier integrity and reshaping the gut microbiome. <i>Food and Function</i> , 2021, 12, 3142-3158.	4.6	49
11	Long Non-Coding RNAs: Potential Biomarkers and Targets for Hepatocellular Carcinoma Therapy and Diagnosis. <i>International Journal of Biological Sciences</i> , 2021, 17, 220-235.	6.4	27
12	The Multifaceted Role of Long Non-Coding RNA in Gastric Cancer: Current Status and Future Perspectives. <i>International Journal of Biological Sciences</i> , 2021, 17, 2737-2755.	6.4	17
13	The Anti-Tumor Mechanism and Target of Triptolide Based on Network Pharmacology and Molecular Docking. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2021, 16, 426-435.	1.6	2
14	Metagenome Analysis of Intestinal Bacteria in Healthy People, Patients With Inflammatory Bowel Disease and Colorectal Cancer. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 599734.	3.9	28
15	Identification of cluster of differentiation molecule-associated microRNAs as potential therapeutic targets for gastrointestinal cancer immunotherapy. <i>International Journal of Biological Markers</i> , 2021, 36, 22-32.	1.8	11
16	Engineered TCR-T Cell Immunotherapy in Anticancer Precision Medicine: Pros and Cons. <i>Frontiers in Immunology</i> , 2021, 12, 658753.	4.8	59
17	Excessive Intake of Longan Arillus Alters gut Homeostasis and Aggravates Colitis in Mice. <i>Frontiers in Pharmacology</i> , 2021, 12, 640417.	3.5	17
18	Identification of Prognostic Genes in the Tumor Microenvironment of Hepatocellular Carcinoma. <i>Frontiers in Immunology</i> , 2021, 12, 653836.	4.8	51

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19	Circular RNAs in the Regulation of Oxidative Stress. <i>Frontiers in Pharmacology</i> , 2021, 12, 697903.	3.5	13
20	The distinct roles of exosomes in tumor-stroma crosstalk within gastric tumor microenvironment. <i>Pharmacological Research</i> , 2021, 171, 105785.	7.1	14
21	Vitamin D suppressed gastric cancer cell growth through downregulating CD44 expression in vitro and in vivo. <i>Nutrition</i> , 2021, 91-92, 111413.	2.4	12
22	The role of Fibrinogen-like proteins in Cancer. <i>International Journal of Biological Sciences</i> , 2021, 17, 1079-1087.	6.4	24
23	Identification of Gene-Set Signature in Early-Stage Hepatocellular Carcinoma and Relevant Immune Characteristics. <i>Frontiers in Oncology</i> , 2021, 11, 740484.	2.8	2
24	Functional Peptides Encoded by Long Non-Coding RNAs in Gastrointestinal Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 777374.	2.8	10
25	Alterations in Intestinal Microbiota Composition in Mice Treated With Vitamin D3 or Cathelicidin. <i>Frontiers in Oncology</i> , 2021, 11, 700038.	2.8	3
26	Targets and mechanisms of sulforaphane derivatives obtained from cruciferous plants with special focus on breast cancer – contradictory effects and future perspectives. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109635.	5.6	29
27	A review of <i>Penthorum chinense</i> Pursh for hepatoprotection: Traditional use, phytochemistry, pharmacology, toxicology and clinical trials. <i>Journal of Ethnopharmacology</i> , 2020, 251, 112569.	4.1	37
28	Identification of a distinct luminal subgroup diagnosing and stratifying early stage prostate cancer by tissue-based single-cell RNA sequencing. <i>Molecular Cancer</i> , 2020, 19, 147.	19.2	50
29	m5C RNA Methylation Primarily Affects the ErbB and PI3K/Akt Signaling Pathways in Gastrointestinal Cancer. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 599340.	3.5	17
30	<p></p>Analysis of Key Genes Regulating the Warburg Effect in Patients with Gastrointestinal Cancers and Selective Inhibition of This Metabolic Pathway in Liver Cancer Cells<p></p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 7295-7304.	2.0	23
31	m ⁶ A RNA modification modulates PI3K/Akt/mTOR signal pathway in Gastrointestinal Cancer. <i>Theranostics</i> , 2020, 10, 9528-9543.	10.0	62
32	Increased ABCC4 Expression Induced by ERR α Leads to Docetaxel Resistance via Efflux of Docetaxel in Prostate Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 1474.	2.8	13
33	Establishing a Urine-Based Biomarker Assay for Prostate Cancer Risk Stratification. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 597961.	3.7	12
34	Thyroid disruption and developmental toxicity caused by triphenyltin (TPT) in zebrafish embryos/larvae. <i>Toxicology and Applied Pharmacology</i> , 2020, 394, 114957.	2.8	15
35	Characterization of chemical composition and prebiotic effect of a dietary medicinal plant <i>Penthorum chinense</i> Pursh. <i>Food Chemistry</i> , 2020, 319, 126568.	8.2	41
36	Natural killer cells as a double-edged sword in cancer immunotherapy: A comprehensive review from cytokine therapy to adoptive cell immunotherapy. <i>Pharmacological Research</i> , 2020, 155, 104691.	7.1	27

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37	Conditional reprogramming: next generation cell culture. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1360-1381.	12.0	34
38	Comprehensive understanding of B7 family in gastric cancer: expression profile, association with clinicopathological parameters and downstream targets. <i>International Journal of Biological Sciences</i> , 2020, 16, 568-582.	6.4	30
39	Akt-targeted therapy as a promising strategy to overcome drug resistance in breast cancer – A comprehensive review from chemotherapy to immunotherapy. <i>Pharmacological Research</i> , 2020, 156, 104806.	7.1	88
40	Mutational Pattern in Multiple Pulmonary Nodules Are Associated With Early Stage Lung Adenocarcinoma. <i>Frontiers in Oncology</i> , 2020, 10, 571521.	2.8	1
41	Molecular Markers of Regulatory T Cells in Cancer Immunotherapy with Special Focus on Acute Myeloid Leukemia (AML) - A Systematic Review. <i>Current Medicinal Chemistry</i> , 2020, 27, 4673-4698.	2.4	18
42	CD44 inhibition attenuates EGFR signaling and enhances cisplatin sensitivity in human EGFR wild-type non-small cell lung cancer cells. <i>International Journal of Molecular Medicine</i> , 2020, 45, 1783-1792.	4.0	23
43	Genetic Analysis of Triple-Negative Breast Cancer Cell Lines and the Therapeutic Role of Akt/Nrf2 Crosstalk in Resistance to EGFR Inhibitors. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
44	Comprehensive assessment of PD-L1 and PD-L2 dysregulation in gastrointestinal cancers. <i>Epigenomics</i> , 2020, 12, 2155-2171.	2.1	4
45	m1A Regulated Genes Modulate PI3K/AKT/mTOR and ErbB Pathways in Gastrointestinal Cancer. <i>Translational Oncology</i> , 2019, 12, 1323-1333.	3.7	102
46	Comprehensive profiling of JMJD3 in gastric cancer and its influence on patient survival. <i>Scientific Reports</i> , 2019, 9, 868.	3.3	20
47	The molecular landscape of histone lysine methyltransferases and demethylases in non-small cell lung cancer. <i>International Journal of Medical Sciences</i> , 2019, 16, 922-930.	2.5	9
48	An overview of the multifaceted roles of miRNAs in gastric cancer: Spotlight on novel biomarkers and therapeutic targets. <i>Biochemical Pharmacology</i> , 2019, 163, 425-439.	4.4	14
49	Combination of shikonin with paclitaxel overcomes multidrug resistance in human ovarian carcinoma cells in a P-gp-independent manner through enhanced ROS generation. <i>Chinese Medicine</i> , 2019, 14, 7.	4.0	92
50	Glyoxalase 1 gene improves the antistress capacity and reduces the immune inflammatory response. <i>BMC Genetics</i> , 2019, 20, 95.	2.7	5
51	Repurposing vitamin D for treatment of human malignancies via targeting tumor microenvironment. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 203-219.	12.0	85
52	Identification of Genetic Mutations in Cancer: Challenge and Opportunity in the New Era of Targeted Therapy. <i>Frontiers in Oncology</i> , 2019, 9, 263.	2.8	62
53	Anti-cancer therapy with TNF α and IFN γ : A comprehensive review. <i>Cell Proliferation</i> , 2018, 51, e12441.	5.3	119
54	Therapeutic targeting of noncoding RNAs in hepatocellular carcinoma: Recent progress and future prospects (Review). <i>Oncology Letters</i> , 2018, 15, 3395-3402.	1.8	27

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55	Potential of the anticancer effect of doxorubicin drug-resistant gastric cancer cells by tanshinone IIA. <i>Phytomedicine</i> , 2018, 51, 58-67.	5.3	62
56	Comprehensive molecular profiling of the B7 family in gastrointestinal cancer. <i>Cell Proliferation</i> , 2018, 51, e12468.	5.3	9
57	Protective Role of $\gamma\delta$ T Cells in Different Pathogen Infections and Its Potential Clinical Application. <i>Journal of Immunology Research</i> , 2018, 2018, 1-15.	2.2	50
58	CD4+ T cells in obesity and obesity-associated diseases. <i>Cellular Immunology</i> , 2018, 332, 1-6.	3.0	25
59	1,25-Dihydroxyvitamin D ₃ suppresses gastric cancer cell growth through VDR- and mutant p53-mediated induction of p21. <i>Life Sciences</i> , 2017, 179, 88-97.	4.3	36
60	LL-37-induced human mast cell activation through G protein-coupled receptor MrgX2. <i>International Immunopharmacology</i> , 2017, 49, 6-12.	3.8	52
61	Identification of Small Molecule Modulators of MicroRNA by Library Screening. <i>Methods in Molecular Biology</i> , 2017, 1517, 169-178.	0.9	2
62	EZH2 coupled with HOTAIR to silence MicroRNA-34a by the induction of heterochromatin formation in human pancreatic ductal adenocarcinoma. <i>International Journal of Cancer</i> , 2017, 140, 120-129.	5.1	71
63	The Beneficial Effects of Quercetin, Curcumin, and Resveratrol in Obesity. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-8.	4.0	137
64	Biotransformation of <i>Dioscorea nipponica</i> by Rat Intestinal Microflora and Cardioprotective Effects of Diosgenin. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-9.	4.0	18
65	$\gamma\delta$ T cells in cancer immunotherapy. <i>Oncotarget</i> , 2017, 8, 8900-8909.	1.8	77
66	Trichosanthin increases Granzyme B penetration into tumor cells by upregulation of CI-MPR on the cell surface. <i>Oncotarget</i> , 2017, 8, 26460-26470.	1.8	13
67	Nav1.2 knockdown improves cognition in APP/PS1 mice by partially inhibiting seizures and APP amyloid processing. <i>Oncotarget</i> , 2017, 8, 99284-99295.	1.8	17
68	miR-1 inhibits progression of high-risk papillomavirus-associated human cervical cancer by targeting G6PD. <i>Oncotarget</i> , 2016, 7, 86103-86116.	1.8	31
69	Comprehensive molecular profiling of the B7 family of immune-regulatory ligands in breast cancer. <i>Oncolmmunology</i> , 2016, 5, e1207841.	4.6	33
70	Danshen injection ameliorates STZ-induced diabetic nephropathy in association with suppression of oxidative stress, pro-inflammatory factors and fibrosis. <i>International Immunopharmacology</i> , 2016, 38, 385-394.	3.8	63
71	Rapid Fingerprint Analysis of <i>Flos Carthami</i> by Ultra-Performance Liquid Chromatography and Similarity Evaluation. <i>Journal of Chromatographic Science</i> , 2016, 54, 1619-1624.	1.4	20
72	The involvement of regulatory non-coding RNAs in sepsis: a systematic review. <i>Critical Care</i> , 2016, 20, 383.	5.8	79

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73	Small molecule targeting miR-34a for cancer therapy. <i>Molecular and Cellular Oncology</i> , 2015, 2, e977160.	0.7	7
74	Characterization of two thymosins as immune-related genes in common carp (<i>Cyprinus carpio</i> L.). <i>Developmental and Comparative Immunology</i> , 2015, 50, 29-37.	2.3	11
75	Epigenetic Silencing of miR-490-3p Reactivates the Chromatin Remodeler SMARCD1 to Promote <i>Helicobacter pylori</i> -Induced Gastric Carcinogenesis. <i>Cancer Research</i> , 2015, 75, 754-765.	0.9	115
76	A Small-Molecule Modulator of the Tumor-Suppressor miR34a Inhibits the Growth of Hepatocellular Carcinoma. <i>Cancer Research</i> , 2014, 74, 6236-6247.	0.9	86
77	Role of microRNA-95 in the anticancer activity of Brucein D in hepatocellular carcinoma. <i>European Journal of Pharmacology</i> , 2014, 728, 141-150.	3.5	36