

Xiu-Li Guo

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,941
citations

304602

22
h-index

265120

42
g-index

63
all docs

63
docs citations

63
times ranked

3234
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction between circulating galectin-3 and cancer-associated MUC1 enhances tumour cell homotypic aggregation and prevents anoikis. <i>Molecular Cancer</i> , 2010, 9, 154.	7.9	170
2	Circulating Galectin-3 Promotes Metastasis by Modifying MUC1 Localization on Cancer Cell Surface. <i>Cancer Research</i> , 2009, 69, 6799-6806.	0.4	146
3	Serum Galectin-2, -4, and -8 Are Greatly Increased in Colon and Breast Cancer Patients and Promote Cancer Cell Adhesion to Blood Vascular Endothelium. <i>Clinical Cancer Research</i> , 2011, 17, 7035-7046.	3.2	136
4	New insight into isolation, identification techniques and medical applications of exosomes. <i>Journal of Controlled Release</i> , 2019, 308, 119-129.	4.8	130
5	Combinational strategies of metformin and chemotherapy in cancers. <i>Cancer Chemotherapy and Pharmacology</i> , 2016, 78, 13-26.	1.1	105
6	Metformin in combination with curcumin inhibits the growth, metastasis, and angiogenesis of hepatocellular carcinoma in vitro and in vivo. <i>Molecular Carcinogenesis</i> , 2018, 57, 44-56.	1.3	89
7	Design, Synthesis, and Biological Evaluation of 1-Methyl-1,4-dihydroindeno[1,2- <i>c</i>]pyrazole Analogues as Potential Anticancer Agents Targeting Tubulin Colchicine Binding Site. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 5341-5355.	2.9	72
8	Molecular regulation of galectin-3 expression and therapeutic implication in cancer progression. <i>Biomedicine and Pharmacotherapy</i> , 2016, 78, 165-171.	2.5	71
9	New insights into Vinca alkaloids resistance mechanism and circumvention in lung cancer. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 659-666.	2.5	66
10	Role of the interaction between galectin-3 and cell adhesion molecules in cancer metastasis. <i>Biomedicine and Pharmacotherapy</i> , 2015, 69, 179-185.	2.5	55
11	The role of galectin-4 in physiology and diseases. <i>Protein and Cell</i> , 2016, 7, 314-324.	4.8	55
12	Repositioning of proton pump inhibitors in cancer therapy. <i>Cancer Chemotherapy and Pharmacology</i> , 2017, 80, 925-937.	1.1	51
13	The anti-inflammatory effects of Morin hydrate in atherosclerosis is associated with autophagy induction through cAMP signaling. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600966.	1.5	49
14	Cytoprotective effects of CSTMP, a novel stilbene derivative, against H ₂ O ₂ -induced oxidative stress in human endothelial cells. <i>Pharmacological Reports</i> , 2011, 63, 1469-1480.	1.5	37
15	Targeting prostate cancer cells with hybrid elastin-like polypeptide/liposome nanoparticles. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 293-305.	3.3	37
16	Inhibition of PTEN expression and activity by angiotensin II induces proliferation and migration of vascular smooth muscle cells. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 174-182.	1.2	36
17	Roles of galectin-3 in metabolic disorders and tumor cell metabolism. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 463-473.	3.6	36
18	Galectin-3 expression and secretion by tumor-associated macrophages in hypoxia promotes breast cancer progression. <i>Biochemical Pharmacology</i> , 2020, 178, 114113.	2.0	36

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19	Design, synthesis, and biological activities of novel Ligustrazine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3315-3320.	1.4	35
20	Discovery and Characterization of 4-Hydroxy-2-pyridone Derivative Sambutoxin as a Potent and Promising Anticancer Drug Candidate: Activity and Molecular Mechanism. <i>Molecular Pharmaceutics</i> , 2018, 15, 4898-4911.	2.3	35
21	Regulation and role of nuclear factor-E2-related factor 2 (Nrf2) in multidrug resistance of hepatocellular carcinoma. <i>Chemico-Biological Interactions</i> , 2018, 280, 70-76.	1.7	27
22	Combination treatment of ligustrazine piperazine derivate DLJ14 and adriamycin inhibits progression of resistant breast cancer through inhibition of the EGFR/PI3K/Akt survival pathway and induction of apoptosis. <i>Drug Discoveries and Therapeutics</i> , 2014, 8, 33-41.	0.6	25
23	Exosomal microRNAs-mediated intercellular communication and exosome-based cancer treatment. <i>International Journal of Biological Macromolecules</i> , 2020, 158, 530-541.	3.6	25
24	Combination therapy with miR34a and doxorubicin synergistically inhibits Dox-resistant breast cancer progression via down-regulation of Snail through suppressing Notch/NF- κ B and RAS/RAF/MEK/ERK signaling pathway. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2819-2834.	5.7	25
25	Mechanism of Tetramethylpyrazine Analogue CXC195 Inhibition of Hydrogen Peroxide-Induced Apoptosis in Human Endothelial Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 432-438.	0.6	21
26	New insights into molecular mechanisms of rosiglitazone in monotherapy or combination therapy against cancers. <i>Chemico-Biological Interactions</i> , 2018, 296, 162-170.	1.7	20
27	Pantoprazole pretreatment elevates sensitivity to vincristine in drug-resistant oral epidermoid carcinoma in vitro and in vivo. <i>Biomedicine and Pharmacotherapy</i> , 2019, 120, 109478.	2.5	20
28	New insights into the role of co-receptor neuropilins in tumour angiogenesis and lymphangiogenesis and targeted therapy strategies. <i>Journal of Drug Targeting</i> , 2021, 29, 155-167.	2.1	20
29	Ligustrazine derivate DLJ14 reduces multidrug resistance of K562/A02 cells by modulating GST π activity. <i>Toxicology in Vitro</i> , 2011, 25, 937-943.	1.1	18
30	New insights into PTEN regulation mechanisms and its potential function in targeted therapies. <i>Biomedicine and Pharmacotherapy</i> , 2012, 66, 485-490.	2.5	18
31	Pantoprazole ameliorates liver fibrosis and suppresses hepatic stellate cell activation in bile duct ligation rats by promoting YAP degradation. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 1808-1820.	2.8	18
32	1118-20, an indazole diarylurea compound, inhibits hepatocellular carcinoma HepG2 proliferation and tumour angiogenesis involving Wnt/ β -catenin pathway and receptor tyrosine kinases. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 1393-1405.	1.2	16
33	Rosiglitazone elevates sensitization of drug-resistant oral epidermoid carcinoma cells to vincristine by G2/M-phase arrest, independent of PPAR- β pathway. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 349-361.	2.5	16
34	Role and regulation mechanism of Gal-3 in non-small cell lung cancer and its potential clinical therapeutic significance. <i>Chemico-Biological Interactions</i> , 2019, 309, 108724.	1.7	14
35	The aberrant expression or disruption of desmocollin2 in human diseases. <i>International Journal of Biological Macromolecules</i> , 2019, 131, 378-386.	3.6	14
36	Sorcini, a potential therapeutic target for reversing multidrug resistance in cancer. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 281-287.	1.3	12

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37	A Tetramethylpyrazine Piperazine Derivate CXC137 Prevents Cell Injury in SH-SY5Y Cells and Improves Memory Dysfunction of Rats with Vascular Dementia. <i>Neurochemical Research</i> , 2014, 39, 276-286.	1.6	12
38	Modified citrus pectin inhibits breast cancer development in mice by targeting tumor-associated macrophage survival and polarization in hypoxic microenvironment. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 1556-1567.	2.8	12
39	6r, a novel oxadiazole analogue of ethacrynic acid, exhibits antitumor activity both in vitro and in vivo by induction of cell apoptosis and S-phase arrest. <i>Biomedicine and Pharmacotherapy</i> , 2013, 67, 58-65.	2.5	11
40	DLJ14, a novel chemo-sensitization agent, enhances therapeutic effects of adriamycin against MCF-7/A cells both in vitro and in vivo. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 398-407.	1.2	10
41	DHPAC, a novel synthetic microtubule destabilizing agent, possess high anti-tumor activity in vincristine-resistant oral epidermoid carcinoma in vitro and in vivo. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 93, 1-11.	1.2	10
42	The beneficial and deleterious role of dietary polyphenols on chronic degenerative diseases by regulating gene expression. <i>BioScience Trends</i> , 2018, 12, 526-536.	1.1	10
43	New insights into molecular chaperone TRAP1 as a feasible target for future cancer treatments. <i>Life Sciences</i> , 2020, 254, 117737.	2.0	10
44	Hyaluronic Acid-Modified Nanoparticles Self-Assembled from Linoleic Acid-Conjugated Chitosan for the Codelivery of miR34a and Doxorubicin in Resistant Breast Cancer. <i>Molecular Pharmaceutics</i> , 2022, 19, 2-17.	2.3	10
45	In Vitro and In Vivo Assessment of Docetaxel Formulation Developed for Esophageal Stents. <i>AAPS PharmSciTech</i> , 2017, 18, 130-137.	1.5	9
46	Design, synthesis and biological evaluation of novel ligustrazinylated derivatives as potent cardiovascular agents. <i>MedChemComm</i> , 2013, 4, 827-832.	3.5	8
47	Peanut agglutinin appearance in the blood circulation after peanut ingestion mimics the action of endogenous galectin-3 to promote metastasis by interaction with cancer-associated MUC1. <i>Carcinogenesis</i> , 2014, 35, 2815-2821.	1.3	8
48	Endogenous and exogenous galectin-3 promote the adhesion of tumor cells with low expression of MUC1 to HUVECs through upregulation of N-cadherin and CD44. <i>Laboratory Investigation</i> , 2018, 98, 1642-1656.	1.7	8
49	Chitosan nanoparticle mediated upregulation of microRNA34a expression to suppress the proliferation, migration, invasion of MDA-MB-231 cells. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 1061-1069.	1.4	8
50	DHPAC, a novel microtubule depolymerizing agent, suppresses angiogenesis and vasculogenic mimicry formation of human non-small cell lung cancer. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 4756-4771.	1.2	8
51	Design and screening of a novel neuropilin-1 targeted penetrating peptide for anti-angiogenic therapy in glioma. <i>Life Sciences</i> , 2021, 270, 119113.	2.0	6
52	Drug-Loaded, Polyurethane Coated Nitinol Stents for the Controlled Release of Docetaxel for the Treatment of Oesophageal Cancer. <i>Pharmaceutics</i> , 2021, 14, 311.	1.7	6
53	Targeting galectins in T cell-based immunotherapy within tumor microenvironment. <i>Life Sciences</i> , 2021, 277, 119426.	2.0	6
54	Microglial NLRP3 inflammasome activation-mediated inflammation promotes prolactinoma development. <i>Endocrine-Related Cancer</i> , 2021, 28, 433-448.	1.6	6

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55	Psoralidin, a natural compound from <i>Psoralea corylifolia</i> , induces oxidative damage mediated apoptosis in colon cancer cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e23051.	1.4	6
56	Chemical constituents from the culture of the fungus <i>Hericium alpestre</i> . <i>Journal of Asian Natural Products Research</i> , 2019, 21, 735-741.	0.7	5
57	Downregulation of Renal MRPs Transporters in Acute Lymphoblastic Leukemia Mediated by the IL-6/STAT3/PXR Signaling Pathway. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2239-2252.	1.6	5
58	Drug Elimination Alteration in Acute Lymphoblastic Leukemia Mediated by Renal Transporters and Glomerular Filtration. <i>Pharmaceutical Research</i> , 2020, 37, 158.	1.7	4
59	Combination treatment strategies with a focus on rosiglitazone and adriamycin for insulin resistant liver cancer. <i>Journal of Drug Targeting</i> , 2021, 29, 336-348.	2.1	4
60	Potential Therapeutic Strategies for Targeting Y-Box-Binding Protein 1 in Cancers. <i>Current Cancer Drug Targets</i> , 2021, 21, 897-906.	0.8	3
61	MSTMP, a Stilbene Derivative, Protects SH-SY5Y Cells Against Oxidative Stress. <i>Canadian Journal of Neurological Sciences</i> , 2014, 41, 382-388.	0.3	0
62	Thymic Immunosuppressive Pentapeptide (TIPP) Showed Anticancer Activity in Breast Cancer and Chronic Myeloid Leukemia Both In Vitro and In Vivo. <i>Protein and Peptide Letters</i> , 2021, 28, .	0.4	0