

Xiu-Li Guo

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59
papers

1,338
citations

19
h-index

35
g-index

63
ext. papers

1,641
ext. citations

6.3
avg, IF

4.95
L-index

#	Paper	IF	Citations
59	Interaction between circulating galectin-3 and cancer-associated MUC1 enhances tumour cell homotypic aggregation and prevents anoikis. <i>Molecular Cancer</i> , 2010 , 9, 154	42.1	139
58	Circulating galectin-3 promotes metastasis by modifying MUC1 localization on cancer cell surface. <i>Cancer Research</i> , 2009 , 69, 6799-806	10.1	123
57	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, 7035-46	12.9	103
56	Combinational strategies of metformin and chemotherapy in cancers. <i>Cancer Chemotherapy and Pharmacology</i> , 2016 , 78, 13-26	3.5	81
55	New insight into isolation, identification techniques and medical applications of exosomes. <i>Journal of Controlled Release</i> , 2019 , 308, 119-129	11.7	74
54	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	5	66
53	Molecular regulation of galectin-3 expression and therapeutic implication in cancer progression. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 78, 165-171	7.5	57
52	Design, Synthesis, and Biological Evaluation of 1-Methyl-1,4-dihydroindeno[1,2-c]pyrazole Analogues as Potential Anticancer Agents Targeting Tubulin Colchicine Binding Site. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 5341-55	8.3	56
51	Role of the interaction between galectin-3 and cell adhesion molecules in cancer metastasis. <i>Biomedicine and Pharmacotherapy</i> , 2015 , 69, 179-85	7.5	38
50	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, 1469-80	3.9	37
49	The role of galectin-4 in physiology and diseases. <i>Protein and Cell</i> , 2016 , 7, 314-24	7.2	35
48	Repositioning of proton pump inhibitors in cancer therapy. <i>Cancer Chemotherapy and Pharmacology</i> , 2017 , 80, 925-937	3.5	35
47	New insights into Vinca alkaloids resistance mechanism and circumvention in lung cancer. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 96, 659-666	7.5	33
46	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, 174-82	4.7	31
45	Design, synthesis, and biological activities of novel Ligustrazine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 3315-20	3.4	31
44	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	5.9	27
43	Targeting prostate cancer cells with hybrid elastin-like polypeptide/liposome nanoparticles. <i>International Journal of Nanomedicine</i> , 2018 , 13, 293-305	7.3	25

42	Roles of galectin-3 in metabolic disorders and tumor cell metabolism. <i>International Journal of Biological Macromolecules</i> , 2020 , 142, 463-473	7.9	21
41	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	5.6	21
40	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	5	19
39	Mechanism of tetramethylpyrazine analogue CXC195 inhibition of hydrogen peroxide-induced apoptosis in human endothelial cells. <i>Biological and Pharmaceutical Bulletin</i> , 2010 , 33, 432-8	2.3	19
38	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	5	18
37	Ligustrazine derivate DLJ14 reduces multidrug resistance of K562/A02 cells by modulating GST π activity. <i>Toxicology in Vitro</i> , 2011 , 25, 937-43	3.6	17
36	New insights into PTEN regulation mechanisms and its potential function in targeted therapies. <i>Biomedicine and Pharmacotherapy</i> , 2012 , 66, 485-90	7.5	16
35	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	7.5	15
34	Exosomal microRNAs-mediated intercellular communication and exosome-based cancer treatment. <i>International Journal of Biological Macromolecules</i> , 2020 , 158, 530-541	7.9	14
33	New insights into molecular mechanisms of rosiglitazone in monotherapy or combination therapy against cancers. <i>Chemico-Biological Interactions</i> , 2018 , 296, 162-170	5	14
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, 1393-405	4.8	12
31	Sorcín, a potential therapeutic target for reversing multidrug resistance in cancer. <i>Journal of Physiology and Biochemistry</i> , 2012 , 68, 281-7	5	12
30	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	7.5	11
29	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	5	11
28	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, 276-86	4.6	11
27	Galectin-3 expression and secretion by tumor-associated macrophages in hypoxia promotes breast cancer progression. <i>Biochemical Pharmacology</i> , 2020 , 178, 114113	6	10
26	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	4.8	10
25	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	7.5	9

24	The aberrant expression or disruption of desmocollin2 in human diseases. <i>International Journal of Biological Macromolecules</i> , 2019 , 131, 378-386	7.9	8
23	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, 2815-21	4.6	8
22	In Vitro and In Vivo Assessment of Docetaxel Formulation Developed for Esophageal Stents. <i>AAPS PharmSciTech</i> , 2017 , 18, 130-137	3.9	7
21	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	5.6	7
20	The beneficial and deleterious role of dietary polyphenols on chronic degenerative diseases by regulating gene expression. <i>BioScience Trends</i> , 2019 , 12, 526-536	9.9	7
19	Combination therapy with miR34a and doxorubicin synergistically inhibits Dox-resistant breast cancer progression down-regulation of Snail through suppressing Notch/NF-B and RAS/RAF/MEK/ERK signaling pathway. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 2819-2834	15.5	7
18	New insights into molecular chaperone TRAP1 as a feasible target for future cancer treatments. <i>Life Sciences</i> , 2020 , 254, 117737	6.8	6
17	Design, synthesis and biological evaluation of novel ligustrazinylated derivatives as potent cardiovascular agents. <i>MedChemComm</i> , 2013 , 4, 827-832	5	6
16	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	5.9	5
15	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, 4756-4767	4.7	4
14	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	5.4	4
13	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	4.5	3
12	Drug Elimination Alteration in Acute Lymphoblastic Leukemia Mediated by Renal Transporters and Glomerular Filtration. <i>Pharmaceutical Research</i> , 2020 , 37, 158	4.5	3
11	Drug-Loaded, Polyurethane Coated Nitinol Stents for the Controlled Release of Docetaxel for the Treatment of Oesophageal Cancer. <i>Pharmaceutics</i> , 2021 , 14,	5.2	3
10	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 , 14, 2239-2252	4.8	2
9	Chemical constituents from the culture of the fungus. <i>Journal of Asian Natural Products Research</i> , 2019 , 21, 735-741	1.5	1
8	Design and screening of a novel neuropilin-1 targeted penetrating peptide for anti-angiogenic therapy in glioma. <i>Life Sciences</i> , 2021 , 270, 119113	6.8	1
7	Microglial NLRP3 inflammasome activation-mediated inflammation promotes prolactinoma development. <i>Endocrine-Related Cancer</i> , 2021 , 28, 433-448	5.7	1

6	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	8	1
5	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 , e23051	3-4	1
4	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	5-6	1
3	Targeting galectins in T cell-based immunotherapy within tumor microenvironment. <i>Life Sciences</i> , 2021 , 277, 119426	6-8	0
2	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	5-4	0
1	MSTMP, a Stilbene Derivative, Protects SH-SY5Y Cells Against Oxidative Stress. <i>Canadian Journal of Neurological Sciences</i> , 2014 , 41, 382-8	1	