Liwu Fu

List of Publications by Year
in descending order

80 papers	3,857 citations	136940 32 h-index	133244 59 g-index
84 all docs	84 docs citations	84 times ranked	5921 citing authors

#	Article	IF	Citations
1	Lazertinib improves the efficacy of chemotherapeutic drugs in ABCB1 or ABCG2 overexpression cancer cells in vitro, inÂvivo, and exÂvivo. Molecular Therapy - Oncolytics, 2022, 24, 636-649.	4.4	9
2	Clinical significance of FBXW7 loss of function in human cancers. Molecular Cancer, 2022, 21, 87.	19.2	47
3	Redox signaling-governed drug-tolerant persister cancer cell: a key spark of treatment failure. Signal Transduction and Targeted Therapy, 2022, 7, 89.	17.1	2
4	The prospects of tumor chemosensitivity testing at the single-cell level. Drug Resistance Updates, 2021, 54, 100741.	14.4	4
5	PD0325901, an ERK inhibitor, enhances the efficacy of PD-1 inhibitor in non-small cell lung carcinoma. Acta Pharmaceutica Sinica B, 2021, 11, 3120-3133.	12.0	16
6	Aldehyde Dehydrogenase 2 Mediates Alcoholâ€Induced Colorectal Cancer Immune Escape through Stabilizing PDâ€L1 Expression. Advanced Science, 2021, 8, 2003404.	11.2	25
7	The key roles of cancer stem cell-derived extracellular vesicles. Signal Transduction and Targeted Therapy, 2021, 6, 109.	17.1	64
8	GM-CSF mediates immune evasion via upregulation of PD-L1 expression in extranodal natural killer/T cell lymphoma. Molecular Cancer, 2021, 20, 80.	19.2	17
9	The role of ALDH2 in tumorigenesis and tumor progression: Targeting ALDH2 as a potential cancer treatment. Acta Pharmaceutica Sinica B, 2021, 11, 1400-1411.	12.0	69
10	Mutasynthesis of Antibacterial Halogenated Actinomycin Analogues. Journal of Natural Products, 2021, 84, 2217-2225.	3.0	6
11	Intercellular transfer of exosomal wild type EGFR triggers osimertinib resistance in non-small cell lung cancer. Molecular Cancer, 2021, 20, 17.	19.2	67
12	KRAS mutation: from undruggable to druggable in cancer. Signal Transduction and Targeted Therapy, 2021, 6, 386.	17.1	255
13	Editorial of special issue on pharmacotherapeutics of digestive tumors. Gastroenterology Report, 2020, 8, 177-178.	1.3	1
14	Culture and application of conditionally reprogrammed primary tumor cells. Gastroenterology Report, 2020, 8, 224-233.	1.3	5
15	Mitomycin C enhanced the efficacy of PD-L1 blockade in non-small cell lung cancer. Signal Transduction and Targeted Therapy, 2020, 5, 141.	17.1	34
16	Loss of FBXW7-mediated degradation of BRAF elicits resistance to BET inhibitors in adult T cell leukemia cells. Molecular Cancer, 2020, 19, 139.	19.2	17
17	The biomarkers of hyperprogressive disease in PD-1/PD-L1 blockage therapy. Molecular Cancer, 2020, 19, 81.	19.2	82
18	Functions and mechanisms of circular RNAs in cancer radiotherapy and chemotherapy resistance. Molecular Cancer, 2020, 19, 58.	19.2	124

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19	Reversal of ABCB1-related multidrug resistance by ERK5-IN-1. Journal of Experimental and Clinical Cancer Research, 2020, 39, 50.	8.6	14
20	p38Î³ MAPK Is Essential for Aerobic Glycolysis and Pancreatic Tumorigenesis. Cancer Research, 2020, 80, 3251-3264.	0.9	47
21	CM082 Enhances the Efficacy of Chemotherapeutic Drugs by Inhibiting the Drug Efflux Function of ABCG2. Molecular Therapy - Oncolytics, 2020, 16, 100-110.	4.4	9
22	Rociletinib (CO-1686) enhanced the efficacy of chemotherapeutic agents in ABCG2-overexpressing cancer cells inÂvitro and in vivo. Acta Pharmaceutica Sinica B, 2020, 10, 799-811.	12.0	19
23	Target Inhibition of CBP Induced Cell Senescence in BCR-ABL- T315I Mutant Chronic Myeloid Leukemia. Frontiers in Oncology, 2020, 10, 588641.	2.8	6
24	Reversal effect of FW-04-806, a macrolide dilactone compound, on multidrug resistance mediated by ABCB1 and ABCG2 in vitro and in vivo. Cell Communication and Signaling, 2019, 17, 110.	6.5	8
25	MED12 exerts an emerging role in actin-mediated cytokinesis via LIMK2/cofilin pathway in NSCLC. Molecular Cancer, 2019, 18, 93.	19.2	16
26	A panel of three plasma microRNAs for colorectal cancer diagnosis. Cancer Epidemiology, 2019, 60, 67-76.	1.9	33
27	Progress in understanding mitochondrial calcium uniporter complexâ€mediated calcium signalling: A potential target for cancer treatment. British Journal of Pharmacology, 2019, 176, 1190-1205.	5.4	43
28	Chemotherapeutic drugs stimulate the release and recycling of extracellular vesicles to assist cancer cells in developing an urgent chemoresistance. Molecular Cancer, 2019, 18, 182.	19.2	44
29	Secalonic acid D induces cell apoptosis in both sensitive and ABCG2-overexpressing multidrug resistant cancer cells through upregulating c-Jun expression. Acta Pharmaceutica Sinica B, 2019, 9, 516-525.	12.0	17
30	Circulating Plasma miRNAs as Potential Biomarkers of Nonâ€“Small Cell Lung Cancer Obtained by High-Throughput Real-Time PCR Profiling. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 327-336.	2.5	18
31	Benzothiazine based acetohydrazides and acetamides as anticancer agents. Pakistan Journal of Pharmaceutical Sciences, 2019, 32, 2795-2800.	0.2	1
32	PBA2 exhibits potent anti-tumor activity via suppression of VEGFR2 mediated-cell proliferation and angiogenesis. Biochemical Pharmacology, 2018, 150, 131-140.	4.4	8
33	Dacomitinib potentiates the efficacy of conventional chemotherapeutic agents via inhibiting the drug efflux function of ABCG2 in vitro and in vivo. Journal of Experimental and Clinical Cancer Research, 2018, 37, 31.	8.6	22
34	Increased Numb protein expression predicts poor clinical outcomes in esophageal squamous cell carcinoma patients. Cancer Biology and Therapy, 2018, 19, 34-41.	3.4	7
35	Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine, 2018, 36, 553-562.	6.1	248
36	Olmutinib (HM61713) reversed multidrug resistance by inhibiting the activity of ATP-binding cassette subfamily G member 2 in vitro and in vivo. Acta Pharmaceutica Sinica B, 2018, 8, 563-574.	12.0	23

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37	Loss of MED12 Induces Tumor Dormancy in Human Epithelial Ovarian Cancer via Downregulation of EGFR. Cancer Research, 2018, 78, 3532-3543.	0.9	23
38	Tyrosine kinase inhibitors enhanced the efficacy of conventional chemotherapeutic agent in multidrug resistant cancer cells. Molecular Cancer, 2018, 17, 25.	19.2	89
39	Ceritinib Enhances the Efficacy of Substrate Chemotherapeutic Agent in Human ABCB1-Overexpressing Leukemia Cells In Vitro, In Vivo and Ex-Vivo. Cellular Physiology and Biochemistry, 2018, 46, 2487-2499.	1.6	15
40	PCI29732, a Brutonâ€™s Tyrosine Kinase Inhibitor, Enhanced the Efficacy of Conventional Chemotherapeutic Agents in ABCG2-Overexpressing Cancer Cells. Cellular Physiology and Biochemistry, 2018, 48, 2302-2317.	1.6	8
41	Targeting Orai1-mediated store-operated calcium entry by RP4010 for anti-tumor activity in esophagus squamous cell carcinoma. Cancer Letters, 2018, 432, 169-179.	7.2	35
42	Targeting Orai1â€mediated storeâ€operated Ca2+ entry by a novel compound RP4010 for antiâ€proliferative activity against esophagus squamous cell carcinoma. FASEB Journal, 2018, 32, 750.38.	0.5	0
43	ABCG2-overexpressing H460/MX20 cell xenografts in athymic nude mice maintained original biochemical and cytological characteristics. Scientific Reports, 2017, 7, 40064.	3.3	10
44	14-3-3Ïƒ Contributes to Radioresistance By Regulating DNA Repair and Cell Cycle via PARP1 and CHK2. Molecular Cancer Research, 2017, 15, 418-428.	3.4	35
45	Establishment and characterization of arsenic trioxide resistant KB/ATO cells. Acta Pharmaceutica Sinica B, 2017, 7, 564-570.	12.0	14
46	Clinical Applications of Circulating Tumor Cells in Pharmacotherapy: Challenges and Perspectives. Molecular Pharmacology, 2017, 92, 232-239.	2.3	15
47	Alectinib (CH5424802) antagonizes ABCB1- and ABCG2-mediated multidrug resistance in vitro, in vivo and ex vivo. Experimental and Molecular Medicine, 2017, 49, e303-e303.	7.7	37
48	Targeting calcium signaling in cancer therapy. Acta Pharmaceutica Sinica B, 2017, 7, 3-17.	12.0	428
49	Targeting VCP enhances anticancer activity of oncolytic virus M1 in hepatocellular carcinoma. Science Translational Medicine, 2017, 9, .	12.4	55
50	Microneedle-array patches loaded with dual mineralized protein/peptide particles for type 2 diabetes therapy. Nature Communications, 2017, 8, 1777.	12.8	146
51	Effect of abemaciclib (LY2835219) on enhancement of chemotherapeutic agents in ABCB1 and ABCG2 overexpressing cells in vitro and in vivo. Biochemical Pharmacology, 2017, 124, 29-42.	4.4	37
52	Combinational therapy of crizotinib and afatinib for malignant pleural mesothelioma. American Journal of Cancer Research, 2017, 7, 203-217.	1.4	4
53	MAF1 suppresses AKTâ€mTOR signaling and liver cancer through activation of PTEN transcription. Hepatology, 2016, 63, 1928-1942.	7.3	61
54	Osimertinib (AZD9291) Enhanced the Efficacy of Chemotherapeutic Agents in ABCB1- and ABCG2-Overexpressing Cells In Vitro, In Vivo, and Ex Vivo. Molecular Cancer Therapeutics, 2016, 15, 1845-1858.	4.1	43

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55	Overcoming ABCG2-mediated multidrug resistance by a mineralized hyaluronanâ€“drug nanocomplex. Journal of Materials Chemistry B, 2016, 4, 6652-6661.	5.8	4
56	Activation of Cyclic Adenosine Monophosphate Pathway Increases the Sensitivity of Cancer Cells to the Oncolytic Virus M1. Molecular Therapy, 2016, 24, 156-165.	8.2	35
57	The effect of chemotherapy on programmed cell death 1/programmed cell death 1 ligand axis: some chemotherapeutical drugs may finally work through immune response. Oncotarget, 2016, 7, 29794-29803.	1.8	48
58	The Hedgehog signalling pathway mediates drug response of MCF-7 mammosphere cells in breast cancer patients. Clinical Science, 2015, 129, 809-822.	4.3	46
59	Pelitinib (<scp>EKB</scp>â€569) targets the upâ€regulation of <scp>ABCB</scp>1 and <scp>ABCG</scp>2 induced by hyperthermia to eradicate lung cancer. British Journal of Pharmacology, 2015, 172, 4089-4106.	5.4	31
60	Effect of ceritinib (LDK378) on enhancement of chemotherapeutic agents in ABCB1 and ABCG2 overexpressing cells in vitro and in vivo. Oncotarget, 2015, 6, 44643-44659.	1.8	39
61	Mechanisms of resistance to EGFR tyrosine kinase inhibitors. Acta Pharmaceutica Sinica B, 2015, 5, 390-401.	12.0	383
62	Vatalanib sensitizes ABCB1 and ABCG2-overexpressing multidrug resistant colon cancer cells to chemotherapy under hypoxia. Biochemical Pharmacology, 2015, 97, 27-37.	4.4	41
63	Improving cell-based therapies by nanomodification. Journal of Controlled Release, 2015, 219, 560-575.	9.9	16
64	Lapatinib promotes the incidence of hepatotoxicity by increasing chemotherapeutic agent accumulation in hepatocytes. Oncotarget, 2015, 6, 17738-17752.	1.8	17
65	Cetuximab enhanced the efficacy of chemotherapeutic agent in ABCB1/P-glycoprotein-overexpressing cancer cells. Oncotarget, 2015, 6, 40850-40865.	1.8	11
66	Effect of HM910, a novel camptothecin derivative, on the inhibition of multiple myeloma cell growth in vitro and in vivo. American Journal of Cancer Research, 2015, 5, 1000-16.	1.4	5
67	Elevated Orai1 expression mediates tumor-promoting intracellular Ca2+ oscillations in human esophageal squamous cell carcinoma. Oncotarget, 2014, 5, 3455-3471.	1.8	125
68	Identification and characterization of alphavirus M1 as a selective oncolytic virus targeting ZAP-defective human cancers. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4504-12.	7.1	118
69	Synthesis and antiproliferative evaluation of novel tetrahydrobenzo[4â€²,5â€²]thieno[3â€²,2â€²:5,6]pyrido[4,3-d]pyrimidine derivatives. RSC Advances, 2014, 4, 29187-29192.	3.6	4
70	The tumor suppressive role of NUMB isoform 1 in esophageal squamous cell carcinoma. Oncotarget, 2014, 5, 5602-5614.	1.8	40
71	UMMS-4 enhanced sensitivity of chemotherapeutic agents to ABCB1-overexpressing cells via inhibiting function of ABCB1 transporter. American Journal of Cancer Research, 2014, 4, 148-60.	1.4	6
72	Nilotinib potentiates anticancer drug sensitivity in murine ABCB1-, ABCG2-, and ABCC10-multidrug resistance xenograft models. Cancer Letters, 2013, 328, 307-317.	7.2	106

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73	Synthesis and antitumor activity of novel quinazoline derivatives containing thiosemicarbazide moiety. European Journal of Medicinal Chemistry, 2012, 54, 925-930.	5.5	55
74	Synthesis and cytotoxicity of O,Oâ€²-dialkyl {[2-(substituted phenoxy)acetamido](substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	5.5	18
75	Characterization of a stem cell population in lung cancer cell line Glcâ€82. Thoracic Cancer, 2012, 3, 8-18.	1.9	3
76	Synthesis and Biological Evaluation of Novel Phosphonates Derivatives of As Potential Antitumor Agents. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 2096-2103.	1.6	10
77	Efficient synthesis and biological evaluation of 1,3-benzenedicarbonyl dithioureas. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1102-1104.	2.2	33
78	Synthesis and antitumor activity of ureas containing pyrimidinyl group. European Journal of Medicinal Chemistry, 2011, 46, 429-432.	5.5	27
79	A facile synthesis and biological activity of novel tetrahydrobenzo[4â€²,5â€²]thieno[3â€²,2â€²:5,6]pyrido[4,3-d]pyrimidin-4(3H)-ones. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6713-6716.	2.2	13
80	Characterization of tetrandrine, a potent inhibitor of P-glycoprotein-mediated multidrug resistance. Cancer Chemotherapy and Pharmacology, 2004, 53, 349-356.	2.3	138