

Weiguang Wang

List of Publications by Year in descending order

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35
papers

1,772
citations

236833

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395590

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docs citations

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times ranked

2645
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#	ARTICLE	IF	CITATIONS
1	Cyclodextrin Diethyldithiocarbamate Copper II Inclusion Complexes: A Promising Chemotherapeutic Delivery System against Chemoresistant Triple Negative Breast Cancer Cell Lines. <i>Pharmaceutics</i> , 2021, 13, 84.	2.0	15
2	Recent Advances in Repurposing Disulfiram and Disulfiram Derivatives as Copper-Dependent Anticancer Agents. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 741316.	1.6	59
3	Development of Injectable PEGylated Liposome Encapsulating Disulfiram for Colorectal Cancer Treatment. <i>Pharmaceutics</i> , 2019, 11, 610.	2.0	53
4	Investigation of the key chemical structures involved in the anticancer activity of disulfiram in A549 non-small cell lung cancer cell line. <i>BMC Cancer</i> , 2018, 18, 753.	1.1	31
5	Development and characterisation of disulfiram-loaded PLGA nanoparticles for the treatment of non-small cell lung cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 112, 224-233.	2.0	50
6	Disulfiram/copper selectively eradicates AML leukemia stem cells in vitro and in vivo by simultaneous induction of ROS/JNK and inhibition of NF- κ B and Nrf2. <i>Cell Death and Disease</i> , 2017, 8, e2797-e2797.	2.7	103
7	Selective inhibition of plasma membrane calcium ATPase 4 improves angiogenesis and vascular reperfusion. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 109, 38-47.	0.9	10
8	Poly lactic-co-glycolic acid controlled delivery of disulfiram to target liver cancer stem-like cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 641-657.	1.7	68
9	144â€¦Selective inhibition of plasma membrane calcium atpase 4 improves vegf-mediated angiogenesis. <i>Heart</i> , 2017, 103, A107.2-A107.	1.2	0
10	Low dose triptolide reverses chemoresistance in adult acute lymphoblastic leukemia cells via reactive oxygen species generation and DNA damage response disruption. <i>Oncotarget</i> , 2016, 7, 85515-85528.	0.8	21
11	Effective elimination of adult B-lineage acute lymphoblastic leukemia by disulfiram/copper complex<i>in vitro</i>and<i>in vivo</i>in patient-derived xenograft models. <i>Oncotarget</i> , 2016, 7, 82200-82212.	0.8	17
12	218â€¦A Novel Role for the PMCA4-specific Inhibitor Aurintricarboxylic Acid as an Enhancer of VEGF-Induced Angiogenesis. <i>Heart</i> , 2015, 101, A119.1-A119.	1.2	0
13	Development of Disulfiram-Loaded Poly(Lactic-co-Glycolic Acid) Wafers for the Localised Treatment of Glioblastoma Multiforme: A Comparison of Manufacturing Techniques. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 1076-1086.	1.6	10
14	The cytotoxic mechanisms of disulfiram and copper(ii) in cancer cells. <i>Toxicology Research</i> , 2015, 4, 1439-1442.	0.9	66
15	Hot melt extruded and injection moulded disulfiram-loaded PLGA millirods for the treatment of glioblastoma multiforme via stereotactic injection. <i>International Journal of Pharmaceutics</i> , 2015, 494, 73-82.	2.6	23
16	Disulfiram-loaded immediate and extended release vaginal tablets for the localised treatment of cervical cancer. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 189-198.	1.2	21
17	Liposome encapsulated Disulfiram inhibits NF κ B pathway and targets breast cancer stem cells<i>in vitro</i>and<i>in vivo</i>. <i>Oncotarget</i> , 2014, 5, 7471-7485.	0.8	103
18	Plasma Membrane Calcium ATPase Isoform 4 Inhibits Vascular Endothelial Growth Factorâ€™Mediated Angiogenesis Through Interaction With Calcineurin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2310-2320.	1.1	41

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19	Development of disulfiram-loaded vaginal rings for the localised treatment of cervical cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 945-953.	2.0	32
20	Disulfiram targeting lymphoid malignant cell lines via ROS-JNK activation as well as Nrf2 and NF- κ B pathway inhibition. <i>Journal of Translational Medicine</i> , 2014, 12, 163.	1.8	81
21	How could a drug used to treat alcoholism also be effective against glioblastoma?. <i>Expert Review of Anticancer Therapy</i> , 2013, 13, 239-241.	1.1	14
22	Triptolide, a Chinese herbal extract, enhances drug sensitivity of resistant myeloid leukemia cell lines through downregulation of HIF-1 α and Nrf2. <i>Pharmacogenomics</i> , 2013, 14, 1305-1317.	0.6	35
23	A conceptually new treatment approach for relapsed glioblastoma: Coordinated undermining of survival paths with nine repurposed drugs (CUSP9) by the International Initiative for Accelerated Improvement of Glioblastoma Care. <i>Oncotarget</i> , 2013, 4, 502-530.	0.8	152
24	Disruption of the interaction between PMCA2 and calcineurin triggers apoptosis and enhances paclitaxel-induced cytotoxicity in breast cancer cells. <i>Carcinogenesis</i> , 2012, 33, 2362-2368.	1.3	39
25	Disulfiram/copper complex activated JNK/c-jun pathway and sensitized cytotoxicity of doxorubicin in doxorubicin resistant leukemia HL60 cells. <i>Blood Cells, Molecules, and Diseases</i> , 2011, 47, 264-269.	0.6	42
26	Endothelial nitric oxide synthase activity is inhibited by the plasma membrane calcium ATPase in human endothelial cells. <i>Cardiovascular Research</i> , 2010, 87, 440-448.	1.8	46
27	Disulfiram/copper complex inhibiting NF κ B activity and potentiating cytotoxic effect of gemcitabine on colon and breast cancer cell lines. <i>Cancer Letters</i> , 2010, 290, 104-113.	3.2	112
28	Triptolide simultaneously induces reactive oxygen species, inhibits NF- κ B activity and sensitizes 5-fluorouracil in colorectal cancer cell lines. <i>Cancer Letters</i> , 2010, 291, 200-208.	3.2	44
29	Plasma membrane calcium ATPase proteins as novel regulators of signal transduction pathways. <i>World Journal of Biological Chemistry</i> , 2010, 1, 201.	1.7	33
30	APRIL is a novel clinical chemo-resistance biomarker in colorectal adenocarcinoma identified by gene expression profiling. <i>BMC Cancer</i> , 2009, 9, 434.	1.1	27
31	The interaction between endogenous calcineurin and the plasma membrane calcium-dependent ATPase is isoform specific in breast cancer cells. <i>FEBS Letters</i> , 2007, 581, 4115-4119.	1.3	31
32	Mechanisms of acquired chemoresistance to 5-fluorouracil and tomudex: thymidylate synthase dependent and independent networks. <i>Cancer Chemotherapy and Pharmacology</i> , 2007, 59, 839-845.	1.1	39
33	Mechanistic and Predictive Profiling of 5-Fluorouracil Resistance in Human Cancer Cells. <i>Cancer Research</i> , 2004, 64, 8167-8176.	0.4	102
34	Disulfiram-mediated inhibition of NF- κ B activity enhances cytotoxicity of 5-fluorouracil in human colorectal cancer cell lines. <i>International Journal of Cancer</i> , 2003, 104, 504-511.	2.3	206
35	Corvastatin enhances the cytotoxicity of 5-fluorouracil on chemosensitive and resistant colorectal cancer cell lines. <i>FEBS Letters</i> , 2002, 531, 415-420.	1.3	46