

# Chung-Pu Wu

## List of Publications by Year in descending order

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75  
papers

3,912  
citations

147801

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docs citations

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#	ARTICLE	IF	CITATIONS
1	The multi-targeted tyrosine kinase inhibitor SKLB610 resensitizes ABCG2-overexpressing multidrug-resistant cancer cells to chemotherapeutic drugs. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112922.	5.6	4
2	P-glycoprotein Mediates Resistance to the Anaplastic Lymphoma Kinase Inhibitor Ensartinib in Cancer Cells. <i>Cancers</i> , 2022, 14, 2341.	3.7	6
3	Overexpression of Human ABCB1 and ABCG2 Reduces the Susceptibility of Cancer Cells to the Histone Deacetylase 6-Specific Inhibitor Citarinostat. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2592.	4.1	9
4	The third-generation EGFR inhibitor almonertinib (HS-10296) resensitizes ABCB1-overexpressing multidrug-resistant cancer cells to chemotherapeutic drugs. <i>Biochemical Pharmacology</i> , 2021, 188, 114516.	4.4	21
5	Branebrutinib (BMS-986195), a Bruton's Tyrosine Kinase Inhibitor, Resensitizes P-Glycoprotein-Overexpressing Multidrug-Resistant Cancer Cells to Chemotherapeutic Agents. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 699571.	3.7	3
6	The Second-Generation PIM Kinase Inhibitor TP-3654 Resensitizes ABCG2-Overexpressing Multidrug-Resistant Cancer Cells to Cytotoxic Anticancer Drugs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9440.	4.1	3
7	Sophoraflavanone G Resensitizes ABCG2-Overexpressing Multidrug-Resistant Non-Small-Cell Lung Cancer Cells to Chemotherapeutic Drugs. <i>Journal of Natural Products</i> , 2021, 84, 2544-2553.	3.0	7
8	Differential Changes in Akt and AMPK Phosphorylation Regulating mTOR Activity in the Placentas of Pregnancies Complicated by Fetal Growth Restriction and Gestational Diabetes Mellitus With Large-For-Gestational Age Infants. <i>Frontiers in Medicine</i> , 2021, 8, 788969.	2.6	6
9	The Selective Class IIa Histone Deacetylase Inhibitor TMP195 Resensitizes ABCB1- and ABCG2-Overexpressing Multidrug-Resistant Cancer Cells to Cytotoxic Anticancer Drugs. <i>International Journal of Molecular Sciences</i> , 2020, 21, 238.	4.1	10
10	Decreased placental apoptosis and autophagy in pregnancies complicated by gestational diabetes with large-for-gestational age fetuses. <i>Placenta</i> , 2020, 90, 27-36.	1.5	13
11	Erdafitinib Resensitizes ABCB1-Overexpressing Multidrug-Resistant Cancer Cells to Cytotoxic Anticancer Drugs. <i>Cancers</i> , 2020, 12, 1366.	3.7	23
12	Overexpression of ABCB1 and ABCG2 contributes to reduced efficacy of the PI3K/mTOR inhibitor samotolisib (LY3023414) in cancer cell lines. <i>Biochemical Pharmacology</i> , 2020, 180, 114137.	4.4	19
13	Sitravatinib Sensitizes ABCB1- and ABCG2-Overexpressing Multidrug-Resistant Cancer Cells to Chemotherapeutic Drugs. <i>Cancers</i> , 2020, 12, 195.	3.7	25
14	Licochalcone A Selectively Resensitizes ABCG2-Overexpressing Multidrug-Resistant Cancer Cells to Chemotherapeutic Drugs. <i>Journal of Natural Products</i> , 2020, 83, 1461-1472.	3.0	25
15	MY-5445, a phosphodiesterase type 5 inhibitor, resensitizes ABCG2-overexpressing multidrug-resistant cancer cells to cytotoxic anticancer drugs. <i>American Journal of Cancer Research</i> , 2020, 10, 164-178.	1.4	5
16	Avapritinib: A Selective Inhibitor of KIT and PDGFR $\alpha$ that Reverses ABCB1 and ABCG2-Mediated Multidrug Resistance in Cancer Cell Lines. <i>Molecular Pharmaceutics</i> , 2019, 16, 3040-3052.	4.6	49
17	Small Molecule Chemosensitizing Agents: Polo-Like Kinase 1 (Plk1), BRAF and Janus Kinase (JAK) Inhibitors. , 2019, , 169-185.		1
18	Increased Soluble Epoxide Hydrolase in Human Gestational Tissues from Pregnancies Complicated by Acute Chorioamnionitis. <i>Mediators of Inflammation</i> , 2019, 2019, 1-13.	3.0	2

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19	The FLT3 inhibitor midostaurin selectively resensitizes ABCB1-overexpressing multidrug-resistant cancer cells to conventional chemotherapeutic agents. <i>Cancer Letters</i> , 2019, 445, 34-44.	7.2	28
20	SIS3, a specific inhibitor of Smad3 reverses ABCB1- and ABCG2-mediated multidrug resistance in cancer cell lines. <i>Cancer Letters</i> , 2018, 433, 259-272.	7.2	19
21	Human ATP-binding cassette transporters ABCB1 and ABCG2 confer resistance to histone deacetylase 6 inhibitor ricolinostat (ACY-1215) in cancer cell lines. <i>Biochemical Pharmacology</i> , 2018, 155, 316-325.	4.4	16
22	The positive inotropic agent DPI-201106 selectively reverses ABCB1-mediated multidrug resistance in cancer cell lines. <i>Cancer Letters</i> , 2018, 434, 81-90.	7.2	7
23	SIS3, a specific inhibitor of Smad3, reverses multidrug resistance mediated by ABCB1 and ABCG2 in cancer cell lines. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-6-24.	0.0	0
24	Overexpression of ATP-Binding Cassette Subfamily G Member 2 Confers Resistance to Phosphatidylinositol 3-Kinase Inhibitor PF-4989216 in Cancer Cells. <i>Molecular Pharmaceutics</i> , 2017, 14, 2368-2377.	4.6	11
25	Tyrphostin RG14620 selectively reverses ABCG2-mediated multidrug resistance in cancer cell lines. <i>Cancer Letters</i> , 2017, 409, 56-65.	7.2	18
26	Micronized progesterone pretreatment affects the inflammatory response of human gestational tissues and the cervix to lipopolysaccharide stimulation. <i>Placenta</i> , 2017, 57, 1-8.	1.5	7
27	Mammalian target of rapamycin signaling is a mechanistic link between increased endoplasmic reticulum stress and autophagy in the placentas of pregnancies complicated by growth restriction. <i>Placenta</i> , 2017, 60, 9-20.	1.5	27
28	Alpha-Mangostin Reverses Multidrug Resistance by Attenuating the Function of the Multidrug Resistance-Linked ABCG2 Transporter. <i>Molecular Pharmaceutics</i> , 2017, 14, 2805-2814.	4.6	24
29	Tumor Hypoxia Regulates Forkhead Box C1 to Promote Lung Cancer Progression. <i>Theranostics</i> , 2017, 7, 1177-1191.	10.0	32
30	The Use of PET Imaging for Prognostic Integrin $\alpha 2 \beta 1$ Phenotyping to Detect Non-Small Cell Lung Cancer and Monitor Drug Resistance Responses. <i>Theranostics</i> , 2017, 7, 4013-4028.	10.0	23
31	Osimertinib (AZD9291) Attenuates the Function of Multidrug Resistance-Linked ATP-Binding Cassette Transporter ABCB1 in Vitro. <i>Molecular Pharmaceutics</i> , 2016, 13, 2117-2125.	4.6	42
32	Hernandezine, a Bisbenzylisoquinoline Alkaloid with Selective Inhibitory Activity against Multidrug-Resistance-Linked ATP-Binding Cassette Drug Transporter ABCB1. <i>Journal of Natural Products</i> , 2016, 79, 2135-2142.	3.0	22
33	Human ATP-Binding Cassette Transporter ABCG2 Confers Resistance to CUDC-907, a Dual Inhibitor of Histone Deacetylase and Phosphatidylinositol 3-Kinase. <i>Molecular Pharmaceutics</i> , 2016, 13, 784-794.	4.6	29
34	A Gene Expression Signature Associated with Overall Survival in Patients with Hepatocellular Carcinoma Suggests a New Treatment Strategy. <i>Molecular Pharmacology</i> , 2016, 89, 263-272.	2.3	21
35	Cycling hypoxia induces chemoresistance through the activation of reactive oxygen species-mediated B-cell lymphoma extra-long pathway in glioblastoma multiforme. <i>Journal of Translational Medicine</i> , 2015, 13, 389.	4.4	57
36	Livin Contributes to Tumor Hypoxia-Induced Resistance to Cytotoxic Therapies in Glioblastoma Multiforme. <i>Clinical Cancer Research</i> , 2015, 21, 460-470.	7.0	58

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37	Human ATP-Binding Cassette Transporter ABCB1 Confers Resistance to Volasertib (BI 6727), a Selective Inhibitor of Polo-like Kinase 1. <i>Molecular Pharmaceutics</i> , 2015, 12, 3885-3895.	4.6	31
38	Isoreserpine Reverses Multidrug Resistance Mediated by ABCB1. <i>Journal of Cancer Research Updates</i> , 2015, 4, 188-194.	0.3	0
39	Human ATP-Binding Cassette transporters ABCB1 and ABCG2 confer resistance to CUDC-101, a multi-acting inhibitor of histone deacetylase, epidermal growth factor receptor and human epidermal growth factor receptor 2. <i>Biochemical Pharmacology</i> , 2014, 92, 567-576.	4.4	29
40	Overexpression of Human ABCB1 in Cancer Cells Leads to Reduced Activity of GSK461364, a Specific Inhibitor of Polo-like Kinase 1. <i>Molecular Pharmaceutics</i> , 2014, 11, 3727-3736.	4.6	23
41	The pharmacological impact of ATP-binding cassette drug transporters on vemurafenib-based therapy. <i>Acta Pharmaceutica Sinica B</i> , 2014, 4, 105-111.	12.0	48
42	Overexpression of ATP-binding cassette transporter ABCG2 as a potential mechanism of acquired resistance to vemurafenib in BRAF(V600E) mutant cancer cells. <i>Biochemical Pharmacology</i> , 2013, 85, 325-334.	4.4	70
43	Human ABCB1 (P-glycoprotein) and ABCG2 mediate resistance to BI 2536, a potent and selective inhibitor of Polo-like kinase 1. <i>Biochemical Pharmacology</i> , 2013, 86, 904-913.	4.4	39
44	Human Immunodeficiency Virus Protease Inhibitors Interact with ATP Binding Cassette Transporter 4/Multidrug Resistance Protein 4: A Basis for Unanticipated Enhanced Cytotoxicity. <i>Molecular Pharmacology</i> , 2013, 84, 361-371.	2.3	38
45	Noninvasive imaging of heart chamber in <i>Drosophila</i> with dual-beam optical coherence tomography. <i>Journal of Biophotonics</i> , 2013, 6, 708-717.	2.3	11
46	Resistance Analysis and Characterization of a Thiazole Analogue, BP008, as a Potent Hepatitis C Virus NS5A Inhibitor. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 44-53.	3.2	13
47	Tumor cycling hypoxia induces chemoresistance in glioblastoma multiforme by upregulating the expression and function of ABCB1. <i>Neuro-Oncology</i> , 2012, 14, 1227-1238.	1.2	87
48	NADPH oxidase subunit 4 mediates cycling hypoxia-promoted radiation resistance in glioblastoma multiforme. <i>Free Radical Biology and Medicine</i> , 2012, 53, 649-658.	2.9	58
49	OSI-930 analogues as novel reversal agents for ABCG2-mediated multidrug resistance. <i>Biochemical Pharmacology</i> , 2012, 84, 766-774.	4.4	22
50	The Emergence of Drug Transporter-Mediated Multidrug Resistance to Cancer Chemotherapy. <i>Molecular Pharmaceutics</i> , 2011, 8, 1996-2011.	4.6	199
51	Discovering Natural Product Modulators to Overcome Multidrug Resistance in Cancer Chemotherapy. <i>Current Pharmaceutical Biotechnology</i> , 2011, 12, 609-620.	1.6	150
52	In vitro and in vivo modulation of ABCG2 by functionalized aurones and structurally related analogs. <i>Biochemical Pharmacology</i> , 2011, 82, 1562-1571.	4.4	17
53	Synthesis and Characterization of a BODIPY Conjugate of the BCR-ABL Kinase Inhibitor Tasigna (Nilotinib): Evidence for Transport of Tasigna and Its Fluorescent Derivative by ABC Drug Transporters. <i>Molecular Pharmaceutics</i> , 2011, 8, 1292-1302.	4.6	49
54	Novel Dengue Virus-Specific NS2B/NS3 Protease Inhibitor, BP2109, Discovered by a High-Throughput Screening Assay. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 229-238.	3.2	100

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55	Marine sponge-derived sipholane triterpenoids reverse P-glycoprotein (ABCB1)-mediated multidrug resistance in cancer cells. <i>Biochemical Pharmacology</i> , 2010, 80, 1497-1506.	4.4	57
56	Dependence of Multidrug Resistance Protein-Mediated Cyclic Nucleotide Efflux on the Background Sodium Conductance. <i>Molecular Pharmacology</i> , 2010, 77, 270-279.	2.3	24
57	Apatinib (YN968D1) Reverses Multidrug Resistance by Inhibiting the Efflux Function of Multiple ATP-Binding Cassette Transporters. <i>Cancer Research</i> , 2010, 70, 7981-7991.	0.9	297
58	Prolonged Drug Selection of Breast Cancer Cells and Enrichment of Cancer Stem Cell Characteristics. <i>Journal of the National Cancer Institute</i> , 2010, 102, 1637-1652.	6.3	241
59	Evaluation of current methods used to analyze the expression profiles of ATP-binding cassette transporters yields an improved drug-discovery database. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 2057-2066.	4.1	41
60	Sensitization of ABCB1 overexpressing cells to chemotherapeutic agents by FG020326 via binding to ABCB1 and inhibiting its function. <i>Biochemical Pharmacology</i> , 2009, 78, 355-364.	4.4	26
61	Development of inhibitors of ATP-binding cassette drug transporters â€“ present status and challenges. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2008, 4, 205-223.	3.3	225
62	Lapatinib (Tykerb, GW572016) Reverses Multidrug Resistance in Cancer Cells by Inhibiting the Activity of ATP-Binding Cassette Subfamily B Member 1 and G Member 2. <i>Cancer Research</i> , 2008, 68, 7905-7914.	0.9	362
63	Reversal of ABC Drug Transporter-Mediated Multidrug Resistance in Cancer Cells: Evaluation of Current Strategies. <i>Current Molecular Pharmacology</i> , 2008, 1, 93-105.	1.5	229
64	Evidence for dual mode of action of a thiosemicarbazone, NSC73306: a potent substrate of the multidrug resistance-linked ABCG2 transporter. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 3287-3296.	4.1	89
65	ABC Drug Transporters as Molecular Targets for the Prevention of Multidrug Resistance and Drug-Drug Interactions. <i>Current Drug Delivery</i> , 2007, 4, 324-333.	1.6	59
66	The naphthoquinones, vitamin K3 and its structural analogue plumbagin, are substrates of the multidrug resistance-linked ATP binding cassette drug transporter ABCG2. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 3279-3286.	4.1	60
67	Complete Inhibition of the Pdr5p Multidrug Efflux Pump ATPase Activity by Its Transport Substrate Clotrimazole Suggests that GTP as Well as ATP May Be Used as an Energy Source. <i>Biochemistry</i> , 2007, 46, 13109-13119.	2.5	52
68	Plasma membrane calcium ATPase (PMCA4): a housekeeper for RT-PCR relative quantification of polytopic membrane proteins. <i>BMC Molecular Biology</i> , 2006, 7, 29.	3.0	21
69	Curcuminoids purified from turmeric powder modulate the function of human multidrug resistance protein 1 (ABCC1). <i>Cancer Chemotherapy and Pharmacology</i> , 2006, 57, 376-388.	2.3	100
70	Modulatory effects of plant phenols on human multidrug-resistance proteins 1, 4 and 5 (ABCC1, 4 and 5) in multidrug-resistant human breast cancer cells. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 141-149.	4.7	141
71	cGMP (guanosine 3',5'-cyclic monophosphate) transport across human erythrocyte membranes. <i>Biochemical Pharmacology</i> , 2005, 69, 1257-1262.	4.4	22
72	Interactions of mefloquine with ABC proteins, MRP1 (ABCC1) and MRP4 (ABCC4) that are present in human red cell membranes. <i>Biochemical Pharmacology</i> , 2005, 70, 500-510.	4.4	61

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73	Reversal of chloroquine resistance in Plasmodium falciparum by 9H-xanthene derivatives. International Journal of Antimicrobial Agents, 2005, 26, 170-175.	2.5	40
74	Plasmodium falciparum expresses a multidrug resistance-associated protein. Biochemical and Biophysical Research Communications, 2004, 321, 197-201.	2.1	54
75	cGMP and glutathione-conjugate transport in human erythrocytes. The roles of the multidrug resistance-associated proteins, MRP1, MRP4 and MRP5. FEBS Journal, 2003, 270, 3696-3708.	0.2	55