

Revisiting the role of ABC transporters in multidrug-res

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Citation Report

#	ARTICLE	IF	CITATIONS
1	P-glycoprotein targeted photodynamic therapy of chemoresistant tumors using recombinant Fab fragment conjugates. <i>Biomaterials Science</i> , 2018, 6, 3063-3074.	2.6	11
2	Polymeric nanovesicles as simultaneous delivery platforms with doxorubicin conjugation and elacridar encapsulation for enhanced treatment of multidrug-resistant breast cancer. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7521-7529.	2.9	15
3	Physical blood-brain barrier disruption induced by focused ultrasound does not overcome the transporter-mediated efflux of erlotinib. <i>Journal of Controlled Release</i> , 2018, 292, 210-220.	4.8	37
4	Long Non-Coding RNA XLOC_006753 Promotes the Development of Multidrug Resistance in Gastric Cancer Cells Through the PI3K/AKT/mTOR Signaling Pathway. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 1221-1236.	1.1	46
5	The 150 most important questions in cancer research and clinical oncology series: questions 94â€“101. <i>Cancer Communications</i> , 2018, 38, 1-9.	3.7	9
6	pH-Sensitive Poly(β -amino ester)s Nanocarriers Facilitate the Inhibition of Drug Resistance in Breast Cancer Cells. <i>Nanomaterials</i> , 2018, 8, 952.	1.9	51
7	Modulating ROS to overcome multidrug resistance in cancer. <i>Drug Resistance Updates</i> , 2018, 41, 1-25.	6.5	420
8	ATP-Binding Cassette Transporters in the Clinical Implementation of Pharmacogenetics. <i>Journal of Personalized Medicine</i> , 2018, 8, 40.	1.1	9
9	Transporter and Lysosomal Mediated (Multi)drug Resistance to Tyrosine Kinase Inhibitors and Potential Strategies to Overcome Resistance. <i>Cancers</i> , 2018, 10, 503.	1.7	44
10	P-glycoprotein-targeted photodynamic therapy boosts cancer nanomedicine by priming tumor microenvironment. <i>Theranostics</i> , 2018, 8, 6274-6290.	4.6	34
11	ABCC10 Plays a Significant Role in the Transport of Gefitinib and Contributes to Acquired Resistance to Gefitinib in NSCLC. <i>Frontiers in Pharmacology</i> , 2018, 9, 1312.	1.6	32
12	Perturbing the Dynamics and Organization of Cell Membrane Components: A New Paradigm for Cancer-Targeted Therapies. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3871.	1.8	74
13	Targeting P-Glycoprotein: Nelfinavir Reverses Adriamycin Resistance in K562/ADR Cells. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 1616-1631.	1.1	21
14	Differing Roles of Hyaluronan Molecular Weight on Cancer Cell Behavior and Chemotherapy Resistance. <i>Cancers</i> , 2018, 10, 482.	1.7	54
15	Olmotinib (BI1482694/HM61713), a Novel Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitor, Reverses ABCG2-Mediated Multidrug Resistance in Cancer Cells. <i>Frontiers in Pharmacology</i> , 2018, 9, 1097.	1.6	47
16	Alpha2beta1 Integrin (VLA-2) Protects Activated Human Effector T Cells From Methotrexate-Induced Apoptosis. <i>Frontiers in Immunology</i> , 2018, 9, 2269.	2.2	6
17	Reconstituted HDL: Drug Delivery Platform for Overcoming Biological Barriers to Cancer Therapy. <i>Frontiers in Pharmacology</i> , 2018, 9, 1154.	1.6	47
18	FK506 Attenuates the MRP1-Mediated Chemoresistant Phenotype in Glioblastoma Stem-Like Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2697.	1.8	16

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19	P-Glycoprotein-Targeted Photothermal Therapy of Drug-Resistant Cancer Cells Using Antibody-Conjugated Carbon Nanotubes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33464-33473.	4.0	60
20	Cariprazine, A Dopamine D2/D3 Receptor Partial Agonist, Modulates ABCG2-Mediated Multidrug Resistance in Cancer. <i>Cancers</i> , 2018, 10, 308.	1.7	8
21	A nanomedicine approach enables co-delivery of cyclosporin A and gefitinib to potentiate the therapeutic efficacy in drug-resistant lung cancer. <i>Signal Transduction and Targeted Therapy</i> , 2018, 3, 16.	7.1	71
22	Intracellular self-disassemble polysaccharide nanoassembly for multi-factors tumor drug resistance modulation of doxorubicin. <i>Biomaterials Science</i> , 2018, 6, 2527-2540.	2.6	31
23	P-glycoprotein targeted and near-infrared light-guided depletion of chemoresistant tumors. <i>Journal of Controlled Release</i> , 2018, 286, 289-300.	4.8	18
24	The Effects of Synthetically Modified Natural Compounds on ABC Transporters. <i>Pharmaceutics</i> , 2018, 10, 127.	2.0	19
25	Mapping discontinuous epitopes for MRK-16, UIC2 and 4E3 antibodies to extracellular loops 1 and 4 of human P-glycoprotein. <i>Scientific Reports</i> , 2018, 8, 12716.	1.6	21
26	A biotinylated ruthenium(<i>II</i>) photosensitizer for tumor-targeted two-photon photodynamic therapy. <i>Chemical Communications</i> , 2019, 55, 10972-10975.	2.2	42
27	Conformation space of a heterodimeric ABC exporter under turnover conditions. <i>Nature</i> , 2019, 571, 580-583.	13.7	185
28	MRP1 modulators synergize with buthionine sulfoximine to exploit collateral sensitivity and selectively kill MRP1-expressing cancer cells. <i>Biochemical Pharmacology</i> , 2019, 168, 237-248.	2.0	29
29	FoxM1 Induced Paclitaxel Resistance via Activation of the FoxM1/PHB1/RAF-MEK-ERK Pathway and Enhancement of the ABCA2 Transporter. <i>Molecular Therapy - Oncolytics</i> , 2019, 14, 196-212.	2.0	31
30	Abcc5 Knockout Mice Have Lower Fat Mass and Increased Levels of Circulating GLP-1. <i>Obesity</i> , 2019, 27, 1292-1304.	1.5	11
31	Dual drug-paired polyprodrug nanotheranostics reverse multidrug resistant cancers via mild photothermal-cocktail chemotherapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5306-5319.	2.9	20
32	Approaches to CNS Drug Delivery with a Focus on Transporter-Mediated Transcytosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3108.	1.8	61
33	Implication for Cancer Stem Cells in Solid Cancer Chemo-Resistance: Promising Therapeutic Strategies Based on the Use of HDAC Inhibitors.. <i>Journal of Clinical Medicine</i> , 2019, 8, 912.	1.0	36
34	ABCB1 protects bat cells from DNA damage induced by genotoxic compounds. <i>Nature Communications</i> , 2019, 10, 2820.	5.8	28
35	Fibroblasts in cancer: Defining target structures for therapeutic intervention. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1872, 111-121.	3.3	14
36	Reversal of Multidrug Resistance in Cancer by Multi-Functional Flavonoids. <i>Frontiers in Oncology</i> , 2019, 9, 487.	1.3	108

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37	Doxorubicin derivative loaded acetal-PEG-PCCL micelles for overcoming multidrug resistance in MCF-7/ADR cells. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 1556-1564.	0.9	7
38	The Role of ATP-Binding Cassette Transporters in the Chemoresistance of Anaplastic Thyroid Cancer: A Systematic Review. <i>Endocrinology</i> , 2019, 160, 2015-2023.	1.4	23
39	Structure-guided probing of the leukotriene C ₄ binding site in human multidrug resistance protein 1 (MRP1; ABCC1). <i>FASEB Journal</i> , 2019, 33, 10692-10704.	0.2	21
40	pH and redox dual-responsive nanoparticles based on disulfide-containing poly(^l 2-amino ester) for combining chemotherapy and COX-2 inhibitor to overcome drug resistance in breast cancer. <i>Journal of Nanobiotechnology</i> , 2019, 17, 109.	4.2	51
41	Extracellular vesicles as a novel source of biomarkers in liquid biopsies for monitoring cancer progression and drug resistance. <i>Drug Resistance Updates</i> , 2019, 47, 100647.	6.5	104
42	Antitumor Activity of Abnormal Cannabidiol and Its Analog O-1602 in Taxol-Resistant Preclinical Models of Breast Cancer. <i>Frontiers in Pharmacology</i> , 2019, 10, 1124.	1.6	39
43	Novel association between heterozygous genotype of single nucleotide polymorphism C218T in drug transporter <i>ABCC1</i> gene and increased risk of colon cancer. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2019, 40, 224-229.	0.5	1
44	Targeting amphiregulin (AREG) derived from senescent stromal cells diminishes cancer resistance and averts programmed cell death 1 ligand (PD-L1)-mediated immunosuppression. <i>Aging Cell</i> , 2019, 18, e13027.	3.0	79
45	The opportunistic effect of exosomes on Non-Hodgkin Lymphoma microenvironment modulation. <i>Critical Reviews in Oncology/Hematology</i> , 2019, 144, 102825.	2.0	9
46	CYP3A5 is unlikely to mediate anticancer drug resistance in hepatocellular carcinoma. <i>Pharmacogenomics</i> , 2019, 20, 1085-1092.	0.6	2
47	Incorporation of doxorubicin in different polymer nanoparticles and their anticancer activity. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 2062-2072.	1.5	20
48	Brivanib Exhibits Potential for Pharmacokinetic Drug-Drug Interactions and the Modulation of Multidrug Resistance through the Inhibition of Human ABCG2 Drug Efflux Transporter and CYP450 Biotransformation Enzymes. <i>Molecular Pharmaceutics</i> , 2019, 16, 4436-4450.	2.3	22
49	Current trends in drug metabolism and pharmacokinetics. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 1113-1144.	5.7	147
50	Chk1 Inhibitor MK-8776 Restores the Sensitivity of Chemotherapeutics in P-glycoprotein Overexpressing Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4095.	1.8	19
51	A Y1 receptor ligand synergized with a P-glycoprotein inhibitor improves the therapeutic efficacy of multidrug resistant breast cancer. <i>Biomaterials Science</i> , 2019, 7, 4748-4757.	2.6	15
52	Deregulation of folate pathway gene expression correlates with poor prognosis in acute leukemia. <i>Oncology Letters</i> , 2019, 18, 3115-3127.	0.8	4
53	Mechanisms of acquired tumor drug resistance. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1872, 188310.	3.3	111
54	Mechanics and pharmacology of substrate selection and transport by eukaryotic ABC exporters. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 792-801.	3.6	61

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55	Differential ABC transporter gene expression in adult <i>Dirofilaria immitis</i> males and females following in vitro treatment with ivermectin, doxycycline or a combination of both. <i>Parasites and Vectors</i> , 2019, 12, 401.	1.0	3
56	What sustains the multidrug resistance phenotype beyond ABC efflux transporters? Looking beyond the tip of the iceberg. <i>Drug Resistance Updates</i> , 2019, 46, 100643.	6.5	52
57	Highlights in Resistance Mechanism Pathways for Combination Therapy. <i>Cells</i> , 2019, 8, 1013.	1.8	51
58	Clinical Significance of ABCB1 in Acute Myeloid Leukemia: A Comprehensive Study. <i>Cancers</i> , 2019, 11, 1323.	1.7	26
59	Doxorubicin-loaded human serum albumin nanoparticles overcome transporter-mediated drug resistance in drug-adapted cancer cells. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 1707-1715.	1.5	48
60	Programmed degradation of a hierarchical nanoparticle with redox and light responsivity for self-activated photo-chemical enhanced chemodynamic therapy. <i>Biomaterials</i> , 2019, 224, 119498.	5.7	99
61	The multi-factorial nature of clinical multidrug resistance in cancer. <i>Drug Resistance Updates</i> , 2019, 46, 100645.	6.5	324
62	Multi-target ABC transporter modulators: what next and where to go?. <i>Future Medicinal Chemistry</i> , 2019, 11, 2353-2358.	1.1	42
63	Inflammatory pathway interactions and cancer multidrug resistance regulation. <i>Life Sciences</i> , 2019, 235, 116825.	2.0	20
64	Deactivation of ATP-Binding Cassette Transporters ABCB1 and ABCC1 Does Not Influence Post-ischemic Neurological Deficits, Secondary Neurodegeneration and Neurogenesis, but Induces Subtle Microglial Morphological Changes. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 412.	1.8	6
65	Design and synthesis of substituted dihydropyrimidinone derivatives as cytotoxic and tubulin polymerization inhibitors. <i>Bioorganic Chemistry</i> , 2019, 93, 103317.	2.0	36
66	Design and synthesis of parthenolide and 5-fluorouracil conjugates as potential anticancer agents against drug resistant hepatocellular carcinoma. <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111706.	2.6	27
67	Cellular polarity modulates drug resistance in primary colorectal cancers via orientation of the multidrug resistance protein ABCB1. <i>Journal of Pathology</i> , 2019, 247, 293-304.	2.1	9
68	Inhibition of ABCB1 and ABCG2 at the Mouse Blood-Brain Barrier with Marketed Drugs To Improve Brain Delivery of the Model ABCB1/ABCG2 Substrate [¹¹ C]erlotinib. <i>Molecular Pharmaceutics</i> , 2019, 16, 1282-1293.	2.3	20
69	Peripheral Lymphocyte Multidrug Resistance Activity as a Predictive Tool of Biological Therapeutic Response in Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2019, 46, 572-578.	1.0	2
70	Thermal-Responsive Carbon Monoxide (CO) Delivery Expedites Metabolic Exhaustion of Cancer Cells toward Reversal of Chemotherapy Resistance. <i>ACS Central Science</i> , 2019, 5, 1044-1058.	5.3	93
71	Ivermectin reverses the drug resistance in cancer cells through EGFR/ERK/Akt/NF- κ B pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 265.	3.5	65
72	Effective MDR reversers through phytochemical study of <i>Euphorbia boetica</i> . <i>Phytochemical Analysis</i> , 2019, 30, 498-511.	1.2	7

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73	A glutathione responsive nitric oxide release system based on charge-reversal chitosan nanoparticles for enhancing synergistic effect against multidrug resistance tumor. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 20, 102015.	1.7	24
74	Unravelling the covalent binding of zampanolide and taccalonolide AJ to a minimalist representation of a human microtubule. <i>Journal of Computer-Aided Molecular Design</i> , 2019, 33, 627-644.	1.3	11
75	Monoterpene indole alkaloids as leads for targeting multidrug resistant cancer cells from the African medicinal plant <i>Tabernaemontana elegans</i> . <i>Phytochemistry Reviews</i> , 2019, 18, 971-987.	3.1	6
76	Comparison of LC-MS/MS-based targeted proteomics and conventional analytical methods for monitoring breast cancer resistance protein expression. <i>Life Sciences</i> , 2019, 231, 116548.	2.0	8
77	TNF- α Modulates P-Glycoprotein Expression and Contributes to Cellular Proliferation via Extracellular Vesicles. <i>Cells</i> , 2019, 8, 500.	1.8	14
78	The Role of Extracellular Vesicles as Modulators of the Tumor Microenvironment, Metastasis and Drug Resistance in Colorectal Cancer. <i>Cancers</i> , 2019, 11, 746.	1.7	42
79	Elucidation of the Differences in Cinobufotalin's Pharmacokinetics Between Normal and Diethylnitrosamine-Injured Rats: The Role of P-Glycoprotein. <i>Frontiers in Pharmacology</i> , 2019, 10, 521.	1.6	6
80	What "The Cancer Genome Atlas" database tells us about the role of ATP-binding cassette (ABC) proteins in chemoresistance to anticancer drugs. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2019, 15, 577-593.	1.5	23
81	Inhibition of ATP binding cassette transporter B1 sensitizes human hair follicles to chemotherapy-induced damage. <i>Journal of Dermatological Science</i> , 2019, 95, 44-47.	1.0	2
82	NIR-Responsive Polypeptide Nanocomposite Generates NO Gas, Mild Photothermia, and Chemotherapy to Reverse Multidrug-Resistant Cancer. <i>Nano Letters</i> , 2019, 19, 4362-4370.	4.5	122
83	Integrated high-throughput analysis identifies super enhancers associated with chemoresistance in SCLC. <i>BMC Medical Genomics</i> , 2019, 12, 67.	0.7	12
84	HNF1A inhibition induces the resistance of pancreatic cancer cells to gemcitabine by targeting ABCB1. <i>EBioMedicine</i> , 2019, 44, 403-418.	2.7	20
85	Model systems for studying the blood-brain barrier: Applications and challenges. <i>Biomaterials</i> , 2019, 214, 119217.	5.7	50
86	Glesatinib, a c-MET/SMO Dual Inhibitor, Antagonizes P-glycoprotein Mediated Multidrug Resistance in Cancer Cells. <i>Frontiers in Oncology</i> , 2019, 9, 313.	1.3	28
87	Heterogeneity in refractory acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10494-10503.	3.3	40
88	Tepotinib reverses ABCB1-mediated multidrug resistance in cancer cells. <i>Biochemical Pharmacology</i> , 2019, 166, 120-127.	2.0	52
89	An updated patent review on P-glycoprotein inhibitors (2011-2018). <i>Expert Opinion on Therapeutic Patents</i> , 2019, 29, 455-461.	2.4	49
90	Clinical and Prognostic Significance of Cell Sensitivity to Chemotherapy Detected In Vitro on Treatment Response and Survival of Leukemia Patients. <i>Journal of Personalized Medicine</i> , 2019, 9, 24.	1.1	6

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91	Crystallization and characterization of small molecular multidrug resistance inhibitor targeting P-glycoprotein, NSC23925 isomers. <i>Journal of Molecular Structure</i> , 2019, 1193, 7-13.	1.8	0
92	Interactions of Alectinib with Human ATP-Binding Cassette Drug Efflux Transporters and Cytochrome P450 Biotransformation Enzymes: Effect on Pharmacokinetic Multidrug Resistance. <i>Drug Metabolism and Disposition</i> , 2019, 47, 699-709.	1.7	15
93	Strategizing biodegradable polymeric nanoparticles to cross the biological barriers for cancer targeting. <i>International Journal of Pharmaceutics</i> , 2019, 565, 509-522.	2.6	75
94	Porphyrin-lipid assemblies and nanovesicles overcome ABC transporter-mediated photodynamic therapy resistance in cancer cells. <i>Cancer Letters</i> , 2019, 457, 110-118.	3.2	39
95	Beta1 integrin blockade overcomes doxorubicin resistance in human T-cell acute lymphoblastic leukemia. <i>Cell Death and Disease</i> , 2019, 10, 357.	2.7	25
96	Coexpression of ABCB1 and ABCG2 in a Cell Line Model Reveals Both Independent and Additive Transporter Function. <i>Drug Metabolism and Disposition</i> , 2019, 47, 715-723.	1.7	17
97	ABC transporters in drug-resistant epilepsy: mechanisms of upregulation and therapeutic approaches. <i>Pharmacological Research</i> , 2019, 144, 357-376.	3.1	49
98	Multiple ABCB1 transcriptional fusions in drug resistant high-grade serous ovarian and breast cancer. <i>Nature Communications</i> , 2019, 10, 1295.	5.8	133
99	Inhibitors of Human ABCG2: From Technical Background to Recent Updates With Clinical Implications. <i>Frontiers in Pharmacology</i> , 2019, 10, 208.	1.6	99
100	Intracellular concentration and transporters in imatinib resistance of gastrointestinal stromal tumor. <i>Scandinavian Journal of Gastroenterology</i> , 2019, 54, 220-226.	0.6	10
101	Tumor selective uptake of drug-nanodiamond complexes improves therapeutic outcome in pancreatic cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 18, 112-121.	1.7	31
102	Role of ABCG2 in Secretion into Milk of the Anti-Inflammatory Flunixin and Its Main Metabolite: In Vitro-In Vivo Correlation in Mice and Cows. <i>Drug Metabolism and Disposition</i> , 2019, 47, 516-524.	1.7	11
103	Oncogenic Yâ€box binding proteinâ€4 as an effective therapeutic target in drugâ€resistant cancer. <i>Cancer Science</i> , 2019, 110, 1536-1543.	1.7	77
104	Cancer-associated fibroblasts-derived IL-8 mediates resistance to cisplatin in human gastric cancer. <i>Cancer Letters</i> , 2019, 454, 37-43.	3.2	161
105	Pt nanozyme for O₂ self-sufficient, tumor-specific oxidative damage and drug resistance reversal. <i>Nanoscale Horizons</i> , 2019, 4, 1124-1131.	4.1	48
106	Carbonic Anhydrase XII Inhibitors Overcome Temozolomide Resistance in Glioblastoma. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 4174-4192.	2.9	26
107	Extracellular vesicles-mediated intercellular communication: roles in the tumor microenvironment and anti-cancer drug resistance. <i>Molecular Cancer</i> , 2019, 18, 55.	7.9	304
108	Multifunctional Gold Nanoparticles Overcome MicroRNA Regulatory Network Mediated-Multidrug Resistant Leukemia. <i>Scientific Reports</i> , 2019, 9, 5348.	1.6	27

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109	Induction of autophagy, apoptosis and acquisition of resistance in response to piceatannol toxicity in MOLT-4 human leukemia cells. <i>Toxicology in Vitro</i> , 2019, 59, 12-25.	1.1	12
110	Assisting anti-PD-1 antibody treatment with a liposomal system capable of recruiting immune cells. <i>Nanoscale</i> , 2019, 11, 7996-8011.	2.8	7
111	Dimeric ferrochelatase bridges ABCB7 and ABCB10 homodimers in an architecturally defined molecular complex required for heme biosynthesis. <i>Haematologica</i> , 2019, 104, 1756-1767.	1.7	40
112	Unraveling "The Cancer Genome Atlas"™ information on the role of SLC transporters in anticancer drug uptake. <i>Expert Review of Clinical Pharmacology</i> , 2019, 12, 329-341.	1.3	19
113	Plausible biochemical mechanisms of chemotherapy-induced cognitive impairment ("chemobrain"), a condition that significantly impairs the quality of life of many cancer survivors. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1088-1097.	1.8	75
114	The mercapturic acid pathway. <i>Critical Reviews in Toxicology</i> , 2019, 49, 819-929.	1.9	59
115	A High-Throughput Screen of a Library of Therapeutics Identifies Cytotoxic Substrates of P-glycoprotein. <i>Molecular Pharmacology</i> , 2019, 96, 629-640.	1.0	22
116	Evaluation of cytotoxic activity of triterpenes from <i>Clusia studartiana</i> . <i>Journal of Medicinal Plants Research</i> , 2019, 13, 335-342.	0.2	4
117	3-benzazecine-based cyclic allene derivatives as highly potent P-glycoprotein inhibitors overcoming doxorubicin multidrug resistance. <i>Future Medicinal Chemistry</i> , 2019, 11, 2095-2106.	1.1	8
118	Quantitative Proteome Landscape of the NCI-60 Cancer Cell Lines. <i>IScience</i> , 2019, 21, 664-680.	1.9	52
119	The ABCG2 multidrug transporter is a pump gated by a valve and an extracellular lid. <i>Nature Communications</i> , 2019, 10, 5433.	5.8	44
120	New Chalcone Derivative Inhibits ABCB1 in Multidrug Resistant T-cell Lymphoma and Colon Adenocarcinoma Cells. <i>Anticancer Research</i> , 2019, 39, 6499-6505.	0.5	12
121	Oligomeric proanthocyanidins (OPCs) from grape seed extract suppress the activity of ABC transporters in overcoming chemoresistance in colorectal cancer cells. <i>Carcinogenesis</i> , 2019, 40, 412-421.	1.3	24
122	UBE2C Induces Cisplatin Resistance via ZEB1/2-Dependent Upregulation of ABCG2 and ERCC1 in NSCLC Cells. <i>Journal of Oncology</i> , 2019, 2019, 1-15.	0.6	38
123	Identifying a Membrane-Type 2 Matrix Metalloproteinase-Targeting Peptide for Human Lung Cancer Detection and Targeting Chemotherapy with Functionalized Mesoporous Silica. <i>ACS Applied Bio Materials</i> , 2019, 2, 397-405.	2.3	6
124	Comparison of UPLC-MS/MS-based targeted quantitation and conventional quantitative methods for the analysis of MRP1 expression in tumor cell lines. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1109, 10-18.	1.2	2
125	5-Oxo-hexahydroquinoline derivatives as modulators of P-gp, MRP1 and BCRP transporters to overcome multidrug resistance in cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2019, 362, 136-149.	1.3	38
126	CCN2 promotes drug resistance in osteosarcoma by enhancing ABCG2 expression. <i>Journal of Cellular Physiology</i> , 2019, 234, 9297-9307.	2.0	18

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127	1,2,3,4-Tetrahydroisoquinoline/2H-chromen-2-one conjugates as nanomolar P-glycoprotein inhibitors: Molecular determinants for affinity and selectivity over multidrug resistance associated protein 1. <i>European Journal of Medicinal Chemistry</i> , 2019, 161, 433-444.	2.6	13
128	Gambogenic acid reverses P-glycoprotein mediated multidrug resistance in HepG2/Adr cells and its underlying mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 882-888.	1.0	17
129	Cancer stem cells: Road to therapeutic resistance and strategies to overcome resistance. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165339.	1.8	79
130	ABC-transporter upregulation mediates resistance to the CDK7 inhibitors THZ1 and ICEC0942. <i>Oncogene</i> , 2020, 39, 651-663.	2.6	17
131	Advanced technological tools to study multidrug resistance in cancer. <i>Drug Resistance Updates</i> , 2020, 48, 100658.	6.5	48
132	Role of ATP-binding cassette transporters in cancer initiation and progression. <i>Seminars in Cancer Biology</i> , 2020, 60, 72-95.	4.3	55
133	Bleomycin Induces Drug Efflux in Lungs. A Pitfall for Pharmacological Studies of Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 178-190.	1.4	16
134	Vitamin K3 thio-derivative: a novel specific apoptotic inducer in the doxorubicin-sensitive and -resistant cancer cells. <i>Investigational New Drugs</i> , 2020, 38, 650-661.	1.2	9
135	In vivo characterization of [18F]AVT-011 as a radiotracer for PET imaging of multidrug resistance. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2026-2035.	3.3	3
136	Efflux transporters in anti-cancer drug resistance: Molecular and functional identification and characterization of multidrug resistance proteins (MRPs/ABCCs). , 2020, , 31-65.		1
137	Molecular profiles of BRCA1-associated ovarian cancer treated by platinum-based therapy: Analysis of primary, residual and relapsed tumors. <i>International Journal of Cancer</i> , 2020, 146, 1879-1888.	2.3	18
138	Mycoplasma Infection Mediates Sensitivity of Multidrug-Resistant Cell Lines to Tiopronin: A Cautionary Tale. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1434-1439.	2.9	4
139	Computational approaches in cancer multidrug resistance research: Identification of potential biomarkers, drug targets and drug-target interactions. <i>Drug Resistance Updates</i> , 2020, 48, 100662.	6.5	42
140	Personalized detection of circling exosomal PD-L1 based on Fe3O4@TiO2 isolation and SERS immunoassay. <i>Biosensors and Bioelectronics</i> , 2020, 148, 111800.	5.3	150
141	Functional relevance of the multi-drug transporter abcg2 on teriflunomide therapy in an animal model of multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2020, 17, 9.	3.1	7
142	Exosome-delivered circRNA promotes glycolysis to induce chemoresistance through the miR-122/PKM2 axis in colorectal cancer. <i>Molecular Oncology</i> , 2020, 14, 539-555.	2.1	327
143	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.	1.8	10
144	Botryllamide G is an ABCG2 inhibitor that improves lapatinib delivery in mouse brain. <i>Cancer Biology and Therapy</i> , 2020, 21, 223-230.	1.5	10

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145	The blood-brain barrier and blood-tumour barrier in brain tumours and metastases. <i>Nature Reviews Cancer</i> , 2020, 20, 26-41.	12.8	908
146	Wnt Signaling and Drug Resistance in Cancer. <i>Molecular Pharmacology</i> , 2020, 97, 72-89.	1.0	151
147	Towards the overcoming of anticancer drug resistance mediated by p53 mutations. <i>Drug Resistance Updates</i> , 2020, 49, 100671.	6.5	99
148	Oxysterols in cancer management: From therapy to biomarkers. <i>British Journal of Pharmacology</i> , 2020, 178, 3235-3247.	2.7	19
149	Genetic Polymorphisms and the Efficacy of Platinum-Based Chemotherapy: Review. <i>Pharmacogenomics and Personalized Medicine</i> , 2020, Volume 13, 427-444.	0.4	0
150	Comprehensive Analysis of the ATP-binding Cassette Subfamily B Across Renal Cancers Identifies ABCB8 Overexpression in Phenotypically Aggressive Clear Cell Renal Cell Carcinoma. <i>European Urology Focus</i> , 2020, 7, 1121-1129.	1.6	6
151	Vielanin K enhances doxorubicin-induced apoptosis via activation of IRE1 α - TRAF2 - JNK pathway and increases mitochondrial Ca ²⁺ influx in MCF-7 and MCF-7/MDR cells. <i>Phytomedicine</i> , 2020, 78, 153329.	2.3	6
152	Identification of ATP8B1 as a Tumor Suppressor Gene for Colorectal Cancer and Its Involvement in Phospholipid Homeostasis. <i>BioMed Research International</i> , 2020, 2020, 1-16.	0.9	8
153	Roles of ABCC1 and ABCC4 in Proliferation and Migration of Breast Cancer Cell Lines. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7664.	1.8	23
154	Complete inhibition of ABCB1 and ABCG2 at the blood-brain barrier by co-infusion of erlotinib and tariquidar to improve brain delivery of the model ABCB1/ABCG2 substrate [¹¹ C]erlotinib. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1634-1646.	2.4	17
155	Role of extracellular vesicles in tumour microenvironment. <i>Cell Communication and Signaling</i> , 2020, 18, 163.	2.7	43
156	Targeting Liver Cancer Stem Cells: An Alternative Therapeutic Approach for Liver Cancer. <i>Cancers</i> , 2020, 12, 2746.	1.7	17
157	Chemotherapy and chemo-resistance in nasopharyngeal carcinoma. <i>European Journal of Medicinal Chemistry</i> , 2020, 207, 112758.	2.6	64
158	Cryo-EM structures reveal distinct mechanisms of inhibition of the human multidrug transporter ABCB1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26245-26253.	3.3	137
159	New imidazo[2,1- <i>b</i>]thiazole-based aryl hydrazones: unravelling their synthesis and antiproliferative and apoptosis-inducing potential. <i>RSC Medicinal Chemistry</i> , 2020, 11, 1178-1184.	1.7	18
160	Do ABC transporters regulate plasma membrane organization?. <i>Cellular and Molecular Biology Letters</i> , 2020, 25, 37.	2.7	22
161	Photosensitizer-Doped and Plasma Membrane-Responsive Liposomes for Nuclear Drug Delivery and Multidrug Resistance Reversal. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36882-36894.	4.0	39
162	ABCG2 Protein Levels and Association to Response to First-Line Irinotecan-Based Therapy for Patients with Metastatic Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5027.	1.8	7

#	ARTICLE	IF	CITATIONS
163	Mechanisms of Taxane Resistance. <i>Cancers</i> , 2020, 12, 3323.	1.7	94
164	Stimuli responsive nanoplatfrom with mitochondria-specific multiple model therapeutics for effective tumor treatment. <i>Applied Materials Today</i> , 2020, 21, 100883.	2.3	6
165	“Open Sesame” Biomarker Status of the Human Equilibrative Nucleoside Transporter-1 and Molecular Mechanisms Influencing its Expression and Activity in the Uptake and Cytotoxicity of Gemcitabine in Pancreatic Cancer. <i>Cancers</i> , 2020, 12, 3206.	1.7	21
166	Equine Drug Transporters: A Mini-Review and Veterinary Perspective. <i>Pharmaceutics</i> , 2020, 12, 1064.	2.0	2
167	The Expression Profiles of ADME Genes in Human Cancers and Their Associations with Clinical Outcomes. <i>Cancers</i> , 2020, 12, 3369.	1.7	15
168	P-Glycoprotein: One Mechanism, Many Tasks and the Consequences for Pharmacotherapy of Cancers. <i>Frontiers in Oncology</i> , 2020, 10, 576559.	1.3	101
169	Theoretical Insights into the Cotransport Mechanism of GSH with Anticancer Drugs by MRP1. <i>Journal of Physical Chemistry B</i> , 2020, 124, 9803-9811.	1.2	5
170	Circadian Clock Protein PERIOD2 Suppresses the PI3K/Akt Pathway and Promotes Cisplatin Sensitivity in Ovarian Cancer. <i>Cancer Management and Research</i> , 2020, Volume 12, 11897-11908.	0.9	16
171	Effect of Starvation in Reversing Cancer Chemoresistance Based on Drug-Resistance Detection by Dextran Nanoparticles. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 9255-9264.	3.3	1
172	Royleanone Derivatives From <i>Plectranthus</i> spp. as a Novel Class of P-Glycoprotein Inhibitors. <i>Frontiers in Pharmacology</i> , 2020, 11, 557789.	1.6	9
173	Thrombospondin-1 Receptor CD47 Overexpression Contributes to P-Glycoprotein-Mediated Multidrug Resistance Against Doxorubicin in Thyroid Carcinoma FTC-133 Cells. <i>Frontiers in Oncology</i> , 2020, 10, 551228.	1.3	5
174	Metabolic Reprogramming and Predominance of Solute Carrier Genes during Acquired Enzalutamide Resistance in Prostate Cancer. <i>Cells</i> , 2020, 9, 2535.	1.8	22
175	Theranostic Nanomedicine for Synergistic Chemodynamic Therapy and Chemotherapy of Orthotopic Glioma. <i>Advanced Science</i> , 2020, 7, 2003036.	5.6	65
176	Cancer Cell Resistance Against the Clinically Investigated Thiosemicarbazone COTI-2 Is Based on Formation of Intracellular Copper Complex Glutathione Adducts and ABCC1-Mediated Efflux. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 13719-13732.	2.9	33
177	lncRNA and Mechanisms of Drug Resistance in Cancers of the Genitourinary System. <i>Cancers</i> , 2020, 12, 2148.	1.7	27
178	Drug repurposing and relabeling for cancer therapy: Emerging benzimidazole antihelminthics with potent anticancer effects. <i>Life Sciences</i> , 2020, 258, 118189.	2.0	43
179	A pH/ROS cascade-responsive and self-accelerating drug release nanosystem for the targeted treatment of multi-drug-resistant colon cancer. <i>Drug Delivery</i> , 2020, 27, 1073-1086.	2.5	24
180	Co-treatment with nitroglycerin and metformin exhibits physicochemically and pathohistologically detectable anticancer effects on fibrosarcoma in hamsters. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110510.	2.5	3

#	ARTICLE	IF	CITATIONS
181	Inhibition of the Lysophosphatidylinositol Transporter ABCB1 Reduces Prostate Cancer Cell Growth and Sensitizes to Chemotherapy. <i>Cancers</i> , 2020, 12, 2022.	1.7	13
182	Overcoming Multidrug Resistance: Flavonoid and Terpenoid Nitrogen-Containing Derivatives as ABC Transporter Modulators. <i>Molecules</i> , 2020, 25, 3364.	1.7	44
183	Mirror siRNAs loading for dual delivery of doxorubicin and autophagy regulation siRNA for multidrug reversing chemotherapy. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110490.	2.5	8
184	A novel taxane, difluorovinyl-ortataxel, effectively overcomes paclitaxel-resistance in breast cancer cells. <i>Cancer Letters</i> , 2020, 491, 36-49.	3.2	9
185	The Effects of Traditional Chinese Medicine on P-Glycoprotein-Mediated Multidrug Resistance and Approaches for Studying the Herb-P-Glycoprotein Interactions. <i>Drug Metabolism and Disposition</i> , 2020, 48, 972-979.	1.7	16
186	ABC transporters and the hallmarks of cancer: roles in cancer aggressiveness beyond multidrug resistance. <i>Cancer Biology and Medicine</i> , 2020, 17, 253-269.	1.4	81
187	Psychotropic Drugs Show Anticancer Activity by Disrupting Mitochondrial and Lysosomal Function. <i>Frontiers in Oncology</i> , 2020, 10, 562196.	1.3	23
188	Reversal of Ovarian Cancer Cell Lines Multidrug Resistance Phenotype by the Association of Apiole with Chemotherapies. <i>Pharmaceuticals</i> , 2020, 13, 327.	1.7	8
189	New Insights into Therapy-Induced Progression of Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7872.	1.8	14
190	Looking back at multidrug resistance (MDR) research and ten mistakes to be avoided when writing about ABC transporters in MDR. <i>FEBS Letters</i> , 2020, 594, 4001-4011.	1.3	22
191	Novel Intrinsic Mechanisms of Active Drug Extrusion at the Blood-Brain Barrier: Potential Targets for Enhancing Drug Delivery to the Brain?. <i>Pharmaceutics</i> , 2020, 12, 966.	2.0	16
192	Mass spectrometry-based abundance atlas of ABC transporters in human liver, gut, kidney, brain and skin. <i>FEBS Letters</i> , 2020, 594, 4134-4150.	1.3	21
193	Robust and smart polypeptide-based nanomedicines for targeted tumor therapy. <i>Advanced Drug Delivery Reviews</i> , 2020, 160, 199-211.	6.6	52
194	Hispidulin: A promising flavonoid with diverse anti-cancer properties. <i>Life Sciences</i> , 2020, 259, 118395.	2.0	34
195	A Sequentially Responsive Nanosystem Breaches Cascaded Bio-barriers and Suppresses P-Glycoprotein Function for Reversing Cancer Drug Resistance. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54343-54355.	4.0	15
196	YAN, a novel microtubule inhibitor, inhibits P-gp and MRP1 function and induces mitotic slippage followed by apoptosis in multidrug-resistant A549/Taxol cells. <i>Toxicology in Vitro</i> , 2020, 69, 104971.	1.1	7
197	Hedgehog-Gli signaling promotes chemoresistance through the regulation of ABC transporters in colorectal cancer cells. <i>Scientific Reports</i> , 2020, 10, 13988.	1.6	28
198	Study on mechanism of elemene reversing tumor multidrug resistance based on luminescence pharmacokinetics in tumor cells <i>in vitro</i> and <i>in vivo</i> . <i>RSC Advances</i> , 2020, 10, 34928-34937.	1.7	2

#	ARTICLE	IF	CITATIONS
199	Superior Pyrimidine Derivatives as Selective ABCG2 Inhibitors and Broad-Spectrum ABCB1, ABCC1, and ABCG2 Antagonists. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 10412-10432.	2.9	21
200	Pharmacogenomics to Predict Tumor Therapy Response: A Focus on ATP-Binding Cassette Transporters and Cytochromes P450. <i>Journal of Personalized Medicine</i> , 2020, 10, 108.	1.1	11
201	Natural HDAC inhibitor baicalein exerts therapeutic effect in CBF-AML. <i>Clinical and Translational Medicine</i> , 2020, 10, e154.	1.7	22
202	BMS-599626, a Highly Selective Pan-HER Kinase Inhibitor, Antagonizes ABCG2-Mediated Drug Resistance. <i>Cancers</i> , 2020, 12, 2502.	1.7	11
203	Fluorescent glycan nanoparticle-based FACS assays for the identification of genuine drug-resistant cancer cells with differentiation potential. <i>Nano Research</i> , 2020, 13, 3110-3122.	5.8	7
204	Uptake Transporters of the SLC21, SLC22A, and SLC15A Families in Anticancer Therapy—Modulators of Cellular Entry or Pharmacokinetics?. <i>Cancers</i> , 2020, 12, 2263.	1.7	32
205	Hypoxia, Oxidative Stress, and Inflammation: Three Faces of Neurodegenerative Diseases. <i>Journal of Alzheimer's Disease</i> , 2021, 82, S109-S126.	1.2	75
206	Impact of variants in ATP-binding cassette transporters on breast cancer treatment. <i>Pharmacogenomics</i> , 2020, 21, 1299-1310.	0.6	9
207	Role of Genetic Variation in ABC Transporters in Breast Cancer Prognosis and Therapy Response. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9556.	1.8	14
208	An oxindole efflux inhibitor potentiates azoles and impairs virulence in the fungal pathogen <i>Candida auris</i> . <i>Nature Communications</i> , 2020, 11, 6429.	5.8	49
209	circ_0002060 Enhances Doxorubicin Resistance in Osteosarcoma by Regulating the miR-198/ABCB1 Axis. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2023, 38, 585-595.	0.7	6
210	Establishment and Characterization of a Topotecan Resistant Non-small Cell Lung Cancer NCI-H460/TPT10 Cell Line. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 607275.	1.8	9
211	Epigenetic Mechanisms in Canine Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 591843.	1.3	9
212	Aberrant DNA Methylation of ABC Transporters in Cancer. <i>Cells</i> , 2020, 9, 2281.	1.8	23
213	Drug Delivery Systems of Natural Products in Oncology. <i>Molecules</i> , 2020, 25, 4560.	1.7	48
214	Genomic profiling of platinum-resistant ovarian cancer: The road into druggable targets. <i>Seminars in Cancer Biology</i> , 2021, 77, 29-41.	4.3	27
215	ABC Efflux Transporters and the Circuitry of miRNAs: Kinetics of Expression in Cancer Drug Resistance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2985.	1.8	12
216	Improving Treatment Efficacy of In Situ Forming Implants via Concurrent Delivery of Chemotherapeutic and Chemosensitizer. <i>Scientific Reports</i> , 2020, 10, 6587.	1.6	6

#	ARTICLE	IF	CITATIONS
217	M3814, a DNA-PK Inhibitor, Modulates ABCG2-Mediated Multidrug Resistance in Lung Cancer Cells. <i>Frontiers in Oncology</i> , 2020, 10, 674.	1.3	18
218	Sitravatinib, a Tyrosine Kinase Inhibitor, Inhibits the Transport Function of ABCG2 and Restores Sensitivity to Chemotherapy-Resistant Cancer Cells in vitro. <i>Frontiers in Oncology</i> , 2020, 10, 700.	1.3	25
219	CDK7 inhibitors as anticancer drugs. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 805-823.	2.7	101
220	ABCG2 transports anticancer drugs via a closed-to-open switch. <i>Nature Communications</i> , 2020, 11, 2264.	5.8	142
221	Using a qPCR device to screen for modulators of ABC transporter activity: A step-by-step protocol. <i>Journal of Pharmacological and Toxicological Methods</i> , 2020, 104, 106882.	0.3	0
222	Photoactivated H ₂ Nanogenerator for Enhanced Chemotherapy of Bladder Cancer. <i>ACS Nano</i> , 2020, 14, 8135-8148.	7.3	58
223	Mesenchymal stromal cells confer chemoresistance to myeloid leukemia blasts through Side Population functionality and ABC transporter activation. <i>Haematologica</i> , 2020, 105, 987-9998.	1.7	18
224	Light-Switchable Mesoporous Shell UCNPs@MgSiO ₃ for Nitric Oxide-Evoked Multidrug Resistance Reversal in Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 30066-30076.	4.0	45
225	Nanomedicine solutions to intricate physiological-pathological barriers and molecular mechanisms of tumor multidrug resistance. <i>Journal of Controlled Release</i> , 2020, 323, 483-501.	4.8	21
226	Reactive Oxygen Species, Metabolic Plasticity, and Drug Resistance in Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3412.	1.8	50
227	PARP inhibitor cyanine dye conjugate with enhanced cytotoxic and antiproliferative activity in patient derived glioblastoma cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127252.	1.0	14
228	miR-26 reduces trastuzumab resistance by targeting PIK3R2 and regulating AKT/mTOR pathway in breast cancer cells. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7600-7608.	1.6	27
229	Emerging landscape of circular RNAs as biomarkers and pivotal regulators in osteosarcoma. <i>Journal of Cellular Physiology</i> , 2020, 235, 9037-9058.	2.0	36
230	In situ forming implants exposed to ultrasound enhance therapeutic efficacy in subcutaneous murine tumors. <i>Journal of Controlled Release</i> , 2020, 324, 146-155.	4.8	9
231	DCLK1 Regulates Tumor Stemness and Cisplatin Resistance in Non-small Cell Lung Cancer via ABCD-Member-4. <i>Molecular Therapy - Oncolytics</i> , 2020, 18, 24-36.	2.0	31
232	Erdafitinib Resensitizes ABCB1-Overexpressing Multidrug-Resistant Cancer Cells to Cytotoxic Anticancer Drugs. <i>Cancers</i> , 2020, 12, 1366.	1.7	23
233	Characterization of ABC Transporters in EpiAirway ² , a Cellular Model of Normal Human Bronchial Epithelium. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3190.	1.8	18
234	Long non-coding RNAs towards precision medicine in gastric cancer: early diagnosis, treatment, and drug resistance. <i>Molecular Cancer</i> , 2020, 19, 96.	7.9	191

#	ARTICLE	IF	CITATIONS
235	Leptin Signaling Affects Survival and Chemoresistance of Estrogen Receptor Negative Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3794.	1.8	14
236	Enzymatically Formed Peptide Assemblies Sequester Proteins and Relocate Inhibitors to Selectively Kill Cancer Cells. <i>Angewandte Chemie</i> , 2020, 132, 16587-16592.	1.6	15
237	Heptamethine Cyanine Dye Mediated Drug Delivery: Hype or Hope. <i>Bioconjugate Chemistry</i> , 2020, 31, 1724-1739.	1.8	38
238	Spheroid-Based Approach to Assess the Tissue Relevance of Analysis of Dispersed-Settled Tissue Cells by Cytometry of the Reaction Rate Constant. <i>Analytical Chemistry</i> , 2020, 92, 9348-9355.	3.2	5
239	Using Pharmacology to Squeeze the Life Out of Childhood Leukemia, and Potential Strategies to Achieve Breakthroughs in Medulloblastoma Treatment. <i>Pharmacological Reviews</i> , 2020, 72, 668-691.	7.1	6
240	Physiological roles of transverse lipid asymmetry of animal membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183382.	1.4	60
241	Association of the Epithelial-Mesenchymal Transition (EMT) with Cisplatin Resistance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4002.	1.8	160
242	Necroptosis Induced by Ruthenium(II) Complexes as Dual Catalytic Inhibitors of Topoisomerase I/II. <i>Angewandte Chemie</i> , 2020, 132, 16774.	1.6	4
243	Linking Cancer Stem Cell Plasticity to Therapeutic Resistance-Mechanism and Novel Therapeutic Strategies in Esophageal Cancer. <i>Cells</i> , 2020, 9, 1481.	1.8	20
244	New insights on sorafenib resistance in liver cancer with correlation of individualized therapy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188382.	3.3	54
245	Necroptosis Induced by Ruthenium(II) Complexes as Dual Catalytic Inhibitors of Topoisomerase I/II. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16631-16637.	7.2	47
246	Enzymatically Formed Peptide Assemblies Sequester Proteins and Relocate Inhibitors to Selectively Kill Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16445-16450.	7.2	75
247	Targeting Pharmacokinetic Drug Resistance in Acute Myeloid Leukemia Cells with CDK4/6 Inhibitors. <i>Cancers</i> , 2020, 12, 1596.	1.7	13
248	Molecular pharmacokinetic mechanism of the drug-drug interaction between genistein and repaglinide mediated by P-gp. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 110032.	2.5	13
249	The Pyrazolo[3,4-d]pyrimidine Derivative, SCO-201, Reverses Multidrug Resistance Mediated by ABCG2/BCRP. <i>Cells</i> , 2020, 9, 613.	1.8	13
250	A Novel Model of Cancer Drug Resistance: Oncosomal Release of Cytotoxic and Antibody-Based Drugs. <i>Biology</i> , 2020, 9, 47.	1.3	20
251	Therapeutic Targeting of MDR1 Expression by ROR β Antagonists Resensitizes Cross-Resistant CRPC to Taxane via Coordinated Induction of Cell Death Programs. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 364-374.	1.9	18
252	Copper-Enriched Prussian Blue Nanomedicine for In Situ Disulfiram Toxication and Photothermal Antitumor Amplification. <i>Advanced Materials</i> , 2020, 32, e2000542.	11.1	112

#	ARTICLE	IF	CITATIONS
253	Cordycepin Resensitizes T24R2 Cisplatin-Resistant Human Bladder Cancer Cells to Cisplatin by Inactivating Ets-1 Dependent MDR1 Transcription. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1710.	1.8	16
254	Ethnogeographic and inter-individual variability of human ABC transporters. <i>Human Genetics</i> , 2020, 139, 623-646.	1.8	34
255	Effect of GenX on P-Glycoprotein, Breast Cancer Resistance Protein, and Multidrug Resistance-Associated Protein 2 at the Blood-Brain Barrier. <i>Environmental Health Perspectives</i> , 2020, 128, 37002.	2.8	23
256	A novel regulatory pathway consisting of a two-component system and an ABC-type transporter contributes to butanol tolerance in <i>Clostridium acetobutylicum</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 5011-5023.	1.7	26
257	Unshielding Multidrug Resistant Cancer through Selective Iron Depletion of P-Glycoprotein-Expressing Cells. <i>Cancer Research</i> , 2020, 80, 663-674.	0.4	21
258	N6-methyladenosine-induced ERR1 ³ triggers chemoresistance of cancer cells through upregulation of ABCB1 and metabolic reprogramming. <i>Theranostics</i> , 2020, 10, 3382-3396.	4.6	37
259	Predictive biomarkers of drug resistance in colorectal cancer-Recent updates. , 2020, , 135-151.		1
260	Putative molecular determinants mediating sensitivity or resistance towards carnolic acid tumor cell responses. <i>Phytomedicine</i> , 2020, 77, 153271.	2.3	14
261	MicroRNAs Modulate Drug Resistance-Related Mechanisms in Hepatocellular Carcinoma. <i>Frontiers in Oncology</i> , 2020, 10, 920.	1.3	27
262	Erdafitinib Antagonizes ABCB1-Mediated Multidrug Resistance in Cancer Cells. <i>Frontiers in Oncology</i> , 2020, 10, 955.	1.3	31
263	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.	2.0	19
264	Low dose HSP90 inhibition with AUY922 blunts rapid evolution of metastatic and drug resistant phenotypes induced by TGF- β^2 and paclitaxel in A549 cells. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110434.	2.5	5
265	Pharmacological Targeting of Vacuolar H ⁺ -ATPase via Subunit V1G Combats Multidrug-Resistant Cancer. <i>Cell Chemical Biology</i> , 2020, 27, 1359-1370.e8.	2.5	13
266	Structural and Mechanistic Principles of ABC Transporters. <i>Annual Review of Biochemistry</i> , 2020, 89, 605-636.	5.0	252
267	Inhibiting the inhibitors: Targeting anti-apoptotic proteins in cancer and therapy resistance. <i>Drug Resistance Updates</i> , 2020, 52, 100712.	6.5	78
268	Roles for receptor tyrosine kinases in tumor progression and implications for cancer treatment. <i>Advances in Cancer Research</i> , 2020, 147, 1-57.	1.9	32
269	Coordination of injectable self-healing hydrogel with Mn-Zn ferrite@mesoporous silica nanospheres for tumor MR imaging and efficient synergistic magnetothermal-chemo-chemodynamic therapy. <i>Chemical Engineering Journal</i> , 2020, 401, 126100.	6.6	50
270	The role of curcumin/curcuminoids during gastric cancer chemotherapy: A systematic review of non-clinical study. <i>Life Sciences</i> , 2020, 257, 118051.	2.0	50

#	ARTICLE	IF	CITATIONS
271	Size-dependent inhibitory effects of antibiotic nanocarriers on filamentation of <i>E. coli</i> . <i>Nanoscale Advances</i> , 2020, 2, 2135-2145.	2.2	3
272	Cu isotope ratios are meaningful in ovarian cancer diagnosis. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 62, 126611.	1.5	26
273	Targeting Functional Activity of AKT Has Efficacy against Aggressive Neuroblastoma. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 148-160.	2.5	5
274	Expression and Cellular Distribution of P-Glycoprotein and Breast Cancer Resistance Protein in Amyotrophic Lateral Sclerosis Patients. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 266-276.	0.9	17
275	The hallmarks of severe pulmonary arterial hypertension: the cancer hypothesis ten years later. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L1115-L1130.	1.3	44
276	Germline variant burden in multidrug resistance transporters is a therapy-specific predictor of survival in breast cancer patients. <i>International Journal of Cancer</i> , 2020, 146, 2475-2487.	2.3	20
277	Biological evaluation of non-basic chalcone CYB-2 as a dual ABCG2/ABCB1 inhibitor. <i>Biochemical Pharmacology</i> , 2020, 175, 113848.	2.0	21
278	Overexpression of ABCG2 confers resistance to pevonedistat, an NAE inhibitor. <i>Experimental Cell Research</i> , 2020, 388, 111858.	1.2	14
279	Antibiotic Drug Nanocarriers for Probing of Multidrug ABC Membrane Transporter of <i>Bacillus subtilis</i> . <i>ACS Omega</i> , 2020, 5, 1625-1633.	1.6	12
281	Selective Self-Assembly of 5-Fluorouracil through Nonlinear Solvent Response Modulates Membrane Dynamics. <i>Langmuir</i> , 2020, 36, 2707-2719.	1.6	9
282	Venetoclax, a BCL-2 Inhibitor, Enhances the Efficacy of Chemotherapeutic Agents in Wild-Type ABCG2-Overexpression-Mediated MDR Cancer Cells. <i>Cancers</i> , 2020, 12, 466.	1.7	37
283	Nanotechnology approaches in the current therapy of skin cancer. <i>Advanced Drug Delivery Reviews</i> , 2020, 153, 109-136.	6.6	65
284	Conversion of chemical to mechanical energy by the nucleotide binding domains of ABCB1. <i>Scientific Reports</i> , 2020, 10, 2589.	1.6	6
285	Aberrant WNT/CTNNB1 Signaling as a Therapeutic Target in Human Breast Cancer: Weighing the Evidence. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 25.	1.8	66
286	Double-crosslinked nanocomposite hydrogels for temporal control of drug dosing in combination therapy. <i>Acta Biomaterialia</i> , 2020, 106, 278-288.	4.1	38
287	Hyperthermia and smart drug delivery systems for solid tumor therapy. <i>Advanced Drug Delivery Reviews</i> , 2020, 163-164, 125-144.	6.6	133
288	GPER mediates decreased chemosensitivity via regulation of ABCG2 expression and localization in tamoxifen-resistant breast cancer cells. <i>Molecular and Cellular Endocrinology</i> , 2020, 506, 110762.	1.6	25
289	Understanding the Self-Assembling Behavior of Biological Building Block Molecules: A Spectroscopic and Microscopic Approach. <i>Journal of Physical Chemistry B</i> , 2020, 124, 2065-2080.	1.2	15

#	ARTICLE	IF	CITATIONS
290	The potentiation of menadione on imatinib by downregulation of ABCB1 expression. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 997-1004.	0.9	0
291	^{99m} Tc-MIBI uptake as a marker of mitochondrial membrane potential in cancer cells and effects of MDR1 and verapamil. <i>PLoS ONE</i> , 2020, 15, e0228848.	1.1	4
292	Synthesis and Anticancer Cytotoxicity of Azaaurones Overcoming Multidrug Resistance. <i>Molecules</i> , 2020, 25, 764.	1.7	13
293	Complex Mitochondrial Dysfunction Induced by TPP ⁺ -Gentisic Acid and Mitochondrial Translation Inhibition by Doxycycline Evokes Synergistic Lethality in Breast Cancer Cells. <i>Cells</i> , 2020, 9, 407.	1.8	25
294	IRE1 α -targeting downregulates ABC transporters and overcomes drug resistance of colon cancer cells. <i>Cancer Letters</i> , 2020, 476, 67-74.	3.2	34
295	Tivantinib, A c-Met Inhibitor in Clinical Trials, Is Susceptible to ABCG2-Mediated Drug Resistance. <i>Cancers</i> , 2020, 12, 186.	1.7	33
296	IGF2BP3 From Physiology to Cancer: Novel Discoveries, Unsolved Issues, and Future Perspectives. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 363.	1.8	93
297	Sitravatinib Sensitizes ABCB1- and ABCG2-Overexpressing Multidrug-Resistant Cancer Cells to Chemotherapeutic Drugs. <i>Cancers</i> , 2020, 12, 195.	1.7	25
298	Deficiency in Dipeptidyl Peptidase-4 Promotes Chemoresistance Through the CXCL12/CXCR4/mTOR/TGF β ² Signaling Pathway in Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 805.	1.8	18
299	Identification of Novel Rare ABCC1 Transporter Mutations in Tumor Biopsies of Cancer Patients. <i>Cells</i> , 2020, 9, 299.	1.8	1
300	Licochalcone A Selectively Resensitizes ABCG2-Overexpressing Multidrug-Resistant Cancer Cells to Chemotherapeutic Drugs. <i>Journal of Natural Products</i> , 2020, 83, 1461-1472.	1.5	25
301	Celecoxib Prevents Doxorubicin-Induced Multidrug Resistance in Canine and Mouse Lymphoma Cell Lines. <i>Cancers</i> , 2020, 12, 1117.	1.7	9
302	Can NF- κ B Be Considered a Valid Drug Target in Neoplastic Diseases? Our Point of View. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3070.	1.8	38
303	Role of <i>SLC</i> transporters in toxicity induced by anticancer drugs. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2020, 16, 493-506.	1.5	15
304	Reduction-Triggered Doxorubicin Delivery by Self-Assembled Nanospheres of Lipoylated Caffeine. <i>ChemMedChem</i> , 2020, 15, 733-737.	1.6	3
305	Sonochemical fabrication of magnetic reduction-responsive alginate-based microcapsules for drug delivery. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 42-49.	3.6	36
306	Restoring Treatment Response in Colorectal Cancer Cells by Targeting MACC1-Dependent ABCB1 Expression in Combination Therapy. <i>Frontiers in Oncology</i> , 2020, 10, 599.	1.3	12
307	Terphenyllin Suppresses Orthotopic Pancreatic Tumor Growth and Prevents Metastasis in Mice. <i>Frontiers in Pharmacology</i> , 2020, 11, 457.	1.6	19

#	ARTICLE	IF	CITATIONS
308	Insights into P-Glycoprotein Inhibitors: New Inducers of Immunogenic Cell Death. <i>Cells</i> , 2020, 9, 1033.	1.8	19
309	5-Oxo-hexahydroquinoline Derivatives and Their Tetrahydroquinoline Counterparts as Multidrug Resistance Reversal Agents. <i>Molecules</i> , 2020, 25, 1839.	1.7	7
310	Selecting for Altered Substrate Specificity Reveals the Evolutionary Flexibility of ATP-Binding Cassette Transporters. <i>Current Biology</i> , 2020, 30, 1689-1702.e6.	1.8	16
311	Overcoming Doxorubicin Resistance with Lipid-Polymer Hybrid Nanoparticles Photoreleasing Nitric Oxide. <i>Molecular Pharmaceutics</i> , 2020, 17, 2135-2144.	2.3	24
312	Ensartinib (X-396) Effectively Modulates Pharmacokinetic Resistance Mediated by ABCB1 and ABCG2 Drug Efflux Transporters and CYP3A4 Biotransformation Enzyme. <i>Cancers</i> , 2020, 12, 813.	1.7	20
313	The Effect of Nanosystems on ATP-Binding Cassette Transporters: Understanding the Influence of Nanosystems on Multidrug Resistance Protein-1 and P-glycoprotein. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2630.	1.8	9
314	New insights into small cell lung cancer development and therapy. <i>Cell Biology International</i> , 2020, 44, 1564-1576.	1.4	68
315	Engineering in Medicine To Address the Challenge of Cancer Drug Resistance: From Micro- and Nanotechnologies to Computational and Mathematical Modeling. <i>Chemical Reviews</i> , 2021, 121, 3352-3389.	23.0	41
316	Polypeptide uploaded efficient nanophotosensitizers to overcome photodynamic resistance for enhanced anticancer therapy. <i>Chemical Engineering Journal</i> , 2021, 403, 126344.	6.6	22
317	Challenges and Opportunities in Cancer Drug Resistance. <i>Chemical Reviews</i> , 2021, 121, 3297-3351.	23.0	203
318	Recent advances in high-throughput flow cytometry for drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2021, 16, 303-317.	2.5	9
319	Chemical molecular-based approach to overcome multidrug resistance in cancer by targeting P-glycoprotein (P-gp). <i>Medicinal Research Reviews</i> , 2021, 41, 525-555.	5.0	150
320	Structure and Function of Hepatobiliary ATP Binding Cassette Transporters. <i>Chemical Reviews</i> , 2021, 121, 5240-5288.	23.0	38
321	ABCG: a new fold of ABC exporters and a whole new bag of riddles!. <i>Advances in Protein Chemistry and Structural Biology</i> , 2021, 123, 163-191.	1.0	12
322	The emerging roles of exosomes in anti-cancer drug resistance and tumor progression: An insight towards tumor-microenvironment interaction. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1875, 188488.	3.3	45
323	Recent progress in development of cyclin-dependent kinase 7 inhibitors for cancer therapy. <i>Expert Opinion on Investigational Drugs</i> , 2021, 30, 61-76.	1.9	7
324	The influence of the gut microbiota on the bioavailability of oral drugs. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1789-1812.	5.7	94
325	Uncompetitive nanomolar dimeric indenoindole inhibitors of the human breast cancer resistance pump ABCG2. <i>European Journal of Medicinal Chemistry</i> , 2021, 211, 113017.	2.6	12

#	ARTICLE	IF	CITATIONS
326	Self-targeting visualizable hyaluronate nanogel for synchronized intracellular release of doxorubicin and cisplatin in combating multidrug-resistant breast cancer. <i>Nano Research</i> , 2021, 14, 846-857.	5.8	117
327	Activatable nanomedicine for overcoming hypoxia-induced resistance to chemotherapy and inhibiting tumor growth by inducing collaborative apoptosis and ferroptosis in solid tumors. <i>Biomaterials</i> , 2021, 268, 120537.	5.7	147
328	Reversal of Tetracycline Resistance by Cepharanthine, Cinchonidine, Ellagic Acid and Propyl Gallate in a Multi-drug Resistant <i>Escherichia coli</i> . <i>Natural Products and Bioprospecting</i> , 2021, 11, 345-355.	2.0	4
329	Role of ATP-binding cassette transporters in maintaining plant homeostasis under abiotic and biotic stresses. <i>Physiologia Plantarum</i> , 2021, 171, 785-801.	2.6	81
330	Xanthones as P-glycoprotein modulators and their impact on drug bioavailability. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021, 17, 441-482.	1.5	9
331	Assessment of Thiosemicarbazone-Containing Compounds as Potential Antileukemia Agents against P-gp Overexpressing Drug Resistant K562/A02 Cells. <i>Chemistry and Biodiversity</i> , 2021, 18, e2000775.	1.0	5
332	Discovery of Novel Symmetrical 1,4-Dihydropyridines as Inhibitors of Multidrug-Resistant Protein (MRP4) Efflux Pump for Anticancer Therapy. <i>Molecules</i> , 2021, 26, 18.	1.7	7
333	Cross-resistance of cisplatin selected cells to anti-microtubule agents: Role of general survival mechanisms. <i>Translational Oncology</i> , 2021, 14, 100917.	1.7	8
334	Nanobody-displaying porous silicon nanoparticles for the co-delivery of siRNA and doxorubicin. <i>Biomaterials Science</i> , 2021, 9, 133-147.	2.6	29
335	Selective inhibition of aldo-keto reductase 1C3: a novel mechanism involved in midostaurin and daunorubicin synergism. <i>Archives of Toxicology</i> , 2021, 95, 67-78.	1.9	5
336	A guide to plasma membrane solute carrier proteins. <i>FEBS Journal</i> , 2021, 288, 2784-2835.	2.2	168
337	Exosomal lncRNA UCA1 from cancer-associated fibroblasts enhances chemoresistance in vulvar squamous cell carcinoma cells. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 73-87.	0.6	25
338	Metabolomics analysis of multidrug resistance in colorectal cancer cell and multidrug resistance reversal effect of verapamil. <i>Biomedical Chromatography</i> , 2021, 35, e4976.	0.8	9
339	Approaching sites of action of drugs in clinical pharmacology: New analytical options and their challenges. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 858-874.	1.1	9
340	ATP-responsive hollow nanocapsules for DOX/GOx delivery to enable tumor inhibition with suppressed P-glycoprotein. <i>Nano Research</i> , 2021, 14, 222-231.	5.8	15
341	Drug Distribution. , 2021, , 1-9.		0
343	iTRAQ-based quantitative proteomic analysis of the antimicrobial mechanism of lactobionic acid against <i>Staphylococcus aureus</i> . <i>Food and Function</i> , 2021, 12, 1349-1360.	2.1	7
344	Targeting tumor resistance mechanisms. <i>Faculty Reviews</i> , 2021, 10, 6.	1.7	0

#	ARTICLE	IF	CITATIONS
345	Heat Shock Protein Inhibitor 17-Allyl-aminocaproic acid, a Potent Inductor of Apoptosis in Human Glioma Tumor Cell Lines, Is a Weak Substrate for ABCB1 and ABCG2 Transporters. <i>Pharmaceuticals</i> , 2021, 14, 107.	1.7	4
346	Degradable and Excretable Ultrasmall Transition Metal Selenide Nanodots for High-Performance Computed Tomography Bioimaging-Guided Photonic Tumor Nanomedicine in NIR-II Biowindow. <i>Advanced Functional Materials</i> , 2021, 31, 2008591.	7.8	23
347	Ameliorative effect of recombinant human lactoferrin on the premature ovarian failure in rats after cyclophosphamide treatments. <i>Journal of Ovarian Research</i> , 2021, 14, 17.	1.3	16
348	Circ_0003998 Regulates the Progression and Docetaxel Sensitivity of DTX-Resistant Non-Small Cell Lung Cancer Cells by the miR-136-5p/CORO1C Axis. <i>Technology in Cancer Research and Treatment</i> , 2021, 20, 153303382199004.	0.8	14
349	Mechanisms of chemoresistance and approaches to overcome its impact in gynecologic cancers. , 2021, , 77-126.		1
350	Functional Genomics Approaches to Elucidate Vulnerabilities of Intrinsic and Acquired Chemotherapy Resistance. <i>Cells</i> , 2021, 10, 260.	1.8	4
351	Perspectives of nano-carrier drug delivery systems to overcome cancer drug resistance in the clinics. , 2021, 4, 44-68.		23
352	FOXA1 is a determinant of drug resistance in breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2021, 186, 317-326.	1.1	12
353	Cancer stem cells, epithelial-mesenchymal transition, ATP and their roles in drug resistance in cancer. , 2021, 4, 684-709.		9
354	Advances in understanding and in multi-disciplinary methodology used to assess lipid regulation of signalling cascades from the cancer cell plasma membrane. <i>Progress in Lipid Research</i> , 2021, 81, 101080.	5.3	10
355	Circ_0031242 Silencing Mitigates the Progression and Drug Resistance in DDP-Resistant Hepatoma Cells by the miR-924/POU3F2 Axis. <i>Cancer Management and Research</i> , 2021, Volume 13, 743-755.	0.9	13
356	Circular RNAs: new biomarkers of chemoresistance in cancer. <i>Cancer Biology and Medicine</i> , 2021, 18, 421-436.	1.4	23
357	Star polyester-based folate acid-targeting nanoparticles for doxorubicin and curcumin co-delivery to combat multidrug-resistant breast cancer. <i>Drug Delivery</i> , 2021, 28, 1709-1721.	2.5	15
358	From barriers to bridges; glycans in nonparenteral nanomedicines. , 2021, , 467-487.		0
359	Overview of mechanisms of chemoresistance in ovarian cancer. , 2021, , 25-42.		1
360	Notch signaling in female cancers: a multifaceted node to overcome drug resistance. , 2021, 4, 805-836.		2
361	Targeting the CtBP1-FOXO1 transcriptional complex with small molecules to overcome MDR1-mediated chemoresistance in osteosarcoma cancer stem cells. <i>Journal of Cancer</i> , 2021, 12, 482-497.	1.2	15
362	Nano-formulations for Different Treatment Modalities to Overcome Multi Drug Resistance in Hepatocellular Carcinoma. <i>Records of Pharmaceutical and Biomedical Sciences</i> , 2021, 5, 65-77.	0.1	0

#	ARTICLE	IF	CITATIONS
363	Physiology of the biological barriers. , 2021, , 79-95.		3
364	Evaluation of novel paclitaxel-loaded NO-donating polymeric micelles for an improved therapy for gastrointestinal tumor. <i>New Journal of Chemistry</i> , 2021, 45, 13763-13774.	1.4	2
365	Extracellular Vesicles in Colorectal Cancer Progression, Metastasis, Diagnosis, and Therapy. , 2021, , 401-420.		0
366	Understanding signal transduction pathways to overcome targeted therapy resistance in glioblastoma. , 2021, , 547-585.		0
367	Single-cell molecular profiling of all three components of the HPA axis reveals adrenal ABCB1 as a regulator of stress adaptation. <i>Science Advances</i> , 2021, 7, .	4.7	42
368	Nanoparticle-based drug delivery systems with platinum drugs for overcoming cancer drug resistance. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5173-5194.	2.9	42
369	Scaffold fragmentation and substructure hopping reveal potential, robustness, and limits of computer-aided pattern analysis (C@PA). <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 3269-3283.	1.9	12
370	NIR-II light triggered nitric oxide release nanoplatform combined chemo-photothermal therapy for overcoming multidrug resistant cancer. <i>Journal of Materials Chemistry B</i> , 2021, 9, 1698-1706.	2.9	35
371	Mechanistic basis of breast cancer resistance protein inhibition by new indeno[1,2-b]indoles. <i>Scientific Reports</i> , 2021, 11, 1788.	1.6	17
372	Pygo2 as a novel biomarker in gastric cancer for monitoring drug resistance by upregulating MDR1. <i>Journal of Cancer</i> , 2021, 12, 2952-2959.	1.2	4
373	The Pharmacology of Xenobiotics after Intracerebro Spinal Fluid Administration: Implications for the Treatment of Brain Tumors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1281.	1.8	3
374	ATP-binding cassette transporters at the zebrafish blood-brain barrier and the potential utility of the zebrafish as an in vivo model. , 2021, 4, 620-633.		3
375	Structural dynamics of ABC transporters: molecular simulation studies. <i>Biochemical Society Transactions</i> , 2021, 49, 405-414.	1.6	14
376	Establishment and Characterization of an Irinotecan-Resistant Human Colon Cancer Cell Line. <i>Frontiers in Oncology</i> , 2020, 10, 624954.	1.3	13
377	The role of non-coding RNAs in ABC transporters regulation and their clinical implications of multidrug resistance in cancer. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021, 17, 291-306.	1.5	67
378	Conserved amino acids in the region connecting membrane spanning domain 1 to nucleotide binding domain 1 are essential for expression of the MRP1 (ABCC1) transporter. <i>PLoS ONE</i> , 2021, 16, e0246727.	1.1	2
379	Human drug efflux transporter ABCC5 confers acquired resistance to pemetrexed in breast cancer. <i>Cancer Cell International</i> , 2021, 21, 136.	1.8	18
380	HDAC11 Regulates Glycolysis through the LKB1/AMPK Signaling Pathway to Maintain Hepatocellular Carcinoma Stemness. <i>Cancer Research</i> , 2021, 81, 2015-2028.	0.4	60

#	ARTICLE	IF	CITATIONS
381	ABCB1 and ABCG2 restricts the efficacy of gedatolisib (PF-05212384), a PI3K inhibitor in colorectal cancer cells. <i>Cancer Cell International</i> , 2021, 21, 108.	1.8	10
382	ABC transporter superfamily. An updated overview, relevance in cancer multidrug resistance and perspectives with personalized medicine. <i>Molecular Biology Reports</i> , 2021, 48, 1883-1901.	1.0	42
383	The Novel Benzamide Derivative, VKNG-2, Restores the Efficacy of Chemotherapeutic Drugs in Colon Cancer Cell Lines by Inhibiting the ABCG2 Transporter. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2463.	1.8	10
384	The mitotic checkpoint is a targetable vulnerability of carboplatin-resistant triple negative breast cancers. <i>Scientific Reports</i> , 2021, 11, 3176.	1.6	17
385	Computational Model for Membrane Transporters. Potential Implications for Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 642665.	1.8	2
386	Mechanisms of Resistance to Conventional Therapies for Osteosarcoma. <i>Cancers</i> , 2021, 13, 683.	1.7	71
387	Does the ATP-bound EQ mutant reflect the pre- or post-ATP hydrolysis state in the catalytic cycle of human P-glycoprotein (ABCB1)? <i>FEBS Letters</i> , 2021, 595, 750-762.	1.3	6
389	Surface plasmon resonance biosensor combined with lentiviral particle stabilization strategy for rapid and specific screening of P-Glycoprotein ligands. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2021-2031.	1.9	6
390	Clinical utility of ABCB1 and ABCG2 genotyping for assessing the clinical and pathological response to FAC therapy in Mexican breast cancer patients. <i>Cancer Chemotherapy and Pharmacology</i> , 2021, 87, 843-853.	1.1	4
391	Synergistic Combination of Bioactive Hydroxyapatite Nanoparticles and the Chemotherapeutic Doxorubicin to Overcome Tumor Multidrug Resistance. <i>Small</i> , 2021, 17, e2007672.	5.2	42
392	Pleiotropic Roles of ABC Transporters in Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3199.	1.8	29
393	miRNAs mediated drug resistance in hematological malignancies. <i>Seminars in Cancer Biology</i> , 2022, 83, 283-302.	4.3	17
394	Medically Important Alterations in Transport Function and Trafficking of ABCG2. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2786.	1.8	17
395	C@PA: Computer-Aided Pattern Analysis to Predict Multitarget ABC Transporter Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3350-3366.	2.9	18
396	Supramolecular nanofibers increase the efficacy of 10-hydroxycamptothecin by enhancing nuclear accumulation and depleting cellular ATP. <i>Acta Biomaterialia</i> , 2021, 122, 343-353.	4.1	9
397	Pan-Cancer Analysis of NOS3 Identifies Its Expression and Clinical Relevance in Gastric Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 592761.	1.3	15
398	Computational guided approach for drug repurposing against SARS-CoV-2. <i>Future Virology</i> , 2021, 16, 211-243.	0.9	5
399	The effects and mechanisms of aloëmodin on reversing adriamycin-induced resistance of MCF-7/ADR cells. <i>Phytotherapy Research</i> , 2021, 35, 3886-3897.	2.8	10

#	ARTICLE	IF	CITATIONS
400	Therapeutic strategies to overcome taxane resistance in cancer. <i>Drug Resistance Updates</i> , 2021, 55, 100754.	6.5	103
401	Periprostatic adipose tissue promotes prostate cancer resistance to docetaxel by paracrine IGF-1 upregulation of TUBB2B beta-tubulin isoform. <i>Prostate</i> , 2021, 81, 407-417.	1.2	30
402	A Fifteen-Gene Classifier to Predict Neoadjuvant Chemotherapy Responses in Patients with Stage IB to IIB Squamous Cervical Cancer. <i>Advanced Science</i> , 2021, 8, 2001978.	5.6	11
403	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.	1.8	9
404	Hypoxia-Induced Cancer Cell Responses Driving Radioresistance of Hypoxic Tumors: Approaches to Targeting and Radiosensitizing. <i>Cancers</i> , 2021, 13, 1102.	1.7	56
405	Updates on Genes and Genetic Mechanisms Implicated in Primary Angle-Closure Glaucoma. <i>The Application of Clinical Genetics</i> , 2021, Volume 14, 89-112.	1.4	17
406	A genome-wide CRISPR/Cas9 screen in acute myeloid leukemia cells identifies regulators of TAK-243 sensitivity. <i>JCI Insight</i> , 2021, 6, .	2.3	22
407	Bioinspired Brønsted Acid-Promoted Regioselective Tryptophan Isoprenylations. <i>ACS Omega</i> , 2021, 6, 10840-10858.	1.6	10
408	Role of ATP-binding Cassette Transporters in Sorafenib Therapy for Hepatocellular Carcinoma: An Overview. <i>Current Drug Targets</i> , 2022, 23, 21-32.	1.0	7
409	Clinically-Relevant ABC Transporter for Anti-Cancer Drug Resistance. <i>Frontiers in Pharmacology</i> , 2021, 12, 648407.	1.6	106
410	USP24 promotes drug resistance during cancer therapy. <i>Cell Death and Differentiation</i> , 2021, 28, 2690-2707.	5.0	12
411	Update on drug transporter proteins in acute myeloid leukemia: Pathological implication and clinical setting. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 160, 103281.	2.0	19
412	The Program Cell Death (Apoptosis) and the Therapy of Cancer. , 0, , .		1
413	Dual Inhibition of P-gp and BCRP Improves Oral Topotecan Bioavailability in Rodents. <i>Pharmaceutics</i> , 2021, 13, 559.	2.0	14
414	The APEX1/miRNA-27a-5p axis plays key roles in progression, metastasis and targeted chemotherapy of gastric cancer. <i>International Journal of Pharmaceutics</i> , 2021, 599, 120446.	2.6	11
415	An insight into the structure of 5-spiro aromatic derivatives of imidazolidine-2,4-dione, a new group of very potent inhibitors of tumor multidrug resistance in T-lymphoma cells. <i>Bioorganic Chemistry</i> , 2021, 109, 104735.	2.0	9
416	Current perspectives on exosomes in the diagnosis and treatment of hepatocellular carcinoma (review). <i>Cancer Biology and Therapy</i> , 2021, 22, 279-290.	1.5	11
417	The function of LncRNAs and their role in the prediction, diagnosis, and prognosis of lung cancer. <i>Clinical and Translational Medicine</i> , 2021, 11, e367.	1.7	61

#	ARTICLE	IF	CITATIONS
418	Predicting tumor response to drugs based on gene-expression biomarkers of sensitivity learned from cancer cell lines. <i>BMC Genomics</i> , 2021, 22, 272.	1.2	25
419	Pyxinol bearing amino acid residues: Easily achievable and promising modulators of P-glycoprotein-mediated multidrug resistance. <i>European Journal of Medicinal Chemistry</i> , 2021, 216, 113317.	2.6	11
420	Overexpression of human ATP-binding cassette transporter ABCG2 contributes to reducing the cytotoxicity of GSK1070916 in cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2021, 136, 111223.	2.5	12
421	Cyclodextrin-Based Hybrid Polymeric Complex to Overcome Dual Drug Resistance Mechanisms for Cancer Therapy. <i>Polymers</i> , 2021, 13, 1254.	2.0	12
422	Understanding the implications of co-delivering therapeutic agents in a nanocarrier to combat multidrug resistance (MDR) in breast cancer. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 62, 102405.	1.4	15
423	Combination of HGF/MET-targeting agents and other therapeutic strategies in cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 160, 103234.	2.0	27
424	Effect and mechanisms of LINC00152 knockdown on chemotherapy resistance in mitomycin-resistant gastric cancer NCI-N87/MMC cells. <i>World Chinese Journal of Digestology</i> , 2021, 29, 332-339.	0.0	0
425	Therapeutic drug monitoring of docetaxel by pharmacokinetics and pharmacogenetics: A randomized clinical trial of AUC-guided dosing in nonsmall cell lung cancer. <i>Clinical and Translational Medicine</i> , 2021, 11, e354.	1.7	5
426	Sildenafil in Combination Therapy against Cancer: A Literature Review. <i>Current Medicinal Chemistry</i> , 2021, 28, 2248-2259.	1.2	9
427	Polymorphisms in the CYP2A6 and ABCC4 genes are associated with a protective effect on chronic myeloid leukemia in the Brazilian Amazon population. <i>Molecular Genetics & Genomic Medicine</i> , 2021, 9, e1694.	0.6	0
428	Prospective Drug Candidates as Human Multidrug Transporter ABCG2 Inhibitors: an In Silico Drug Discovery Study. <i>Cell Biochemistry and Biophysics</i> , 2021, 79, 189-200.	0.9	16
429	Involvement of ABC transporters in the detoxification of non-substrate nanoparticles in lung and cervical cancer cells. <i>Toxicology</i> , 2021, 455, 152762.	2.0	12
430	Crizotinib and Doxorubicin Cooperatively Reduces Drug Resistance by Mitigating MDR1 to Increase Hepatocellular Carcinoma Cells Death. <i>Frontiers in Oncology</i> , 2021, 11, 650052.	1.3	6
431	CXCR4 blockade sensitizes osteosarcoma to doxorubicin by inducing autophagic cell death via PI3K-Akt-mTOR pathway inhibition. <i>International Journal of Oncology</i> , 2021, 59, .	1.4	9
432	Î³-Tocotrienol reverses multidrug resistance of breast cancer cells through the regulation of the Î³-Tocotrienol-NF-Î²B-P-gp axis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 209, 105835.	1.2	19
433	Mdivi-1 induces spindle abnormalities and augments taxol cytotoxicity in MDA-MB-231 cells. <i>Cell Death Discovery</i> , 2021, 7, 118.	2.0	13
434	PD-1/PD-L1 enhanced cisplatin resistance in gastric cancer through PI3K/AKT mediated P-gp expression. <i>International Immunopharmacology</i> , 2021, 94, 107443.	1.7	27
435	SENP1 participates in Irinotecan resistance in human colon cancer cells. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 1277-1294.	1.2	17

#	ARTICLE	IF	CITATIONS
436	Multiple roles of ABC transporters in yeast. <i>Fungal Genetics and Biology</i> , 2021, 150, 103550.	0.9	32
437	Decrease of ABCB1 protein expression and increase of G1 phase arrest induced by oleanolic acid in human multidrug-resistant cancer cells. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 735.	0.8	2
438	Aspects of the Tumor Microenvironment Involved in Immune Resistance and Drug Resistance. <i>Frontiers in Immunology</i> , 2021, 12, 656364.	2.2	175
439	Identification of molecular fingerprints of natural products for the inhibition of breast cancer resistance protein (BCRP). <i>Phytomedicine</i> , 2021, 85, 153523.	2.3	9
440	The Role of Snail-1 in Thyroid Cancer—What We Know So Far. <i>Journal of Clinical Medicine</i> , 2021, 10, 2324.	1.0	4
441	Tetrahydroquinoline/4,5-dihydroisoxazole Molecular Hybrids as Inhibitors of Breast Cancer Resistance Protein (BCRP/ABCG2). <i>ChemMedChem</i> , 2021, 16, 2686-2694.	1.6	6
442	Mitochondrial ATP fuels ABC transporter-mediated drug efflux in cancer chemoresistance. <i>Nature Communications</i> , 2021, 12, 2804.	5.8	77
443	Novel Symmetrical Cage Compounds as Inhibitors of the Symmetrical MRP4-Efflux Pump for Anticancer Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5098.	1.8	1
444	A KLF4/PiHL/EZH2/HMGA2 regulatory axis and its function in promoting oxaliplatin-resistance of colorectal cancer. <i>Cell Death and Disease</i> , 2021, 12, 485.	2.7	39
445	Roles of CYP3A4, CYP3A5 and CYP2C8 drug-metabolizing enzymes in cellular cytostatic resistance. <i>Chemico-Biological Interactions</i> , 2021, 340, 109448.	1.7	16
446	Evaluation of personalized cancer therapies based on comprehensive genomic profiling in a middle-sized oncologic center in Austria, the University Clinic Krems. <i>Translational Oncology</i> , 2021, 14, 101021.	1.7	1
447	HOXA13, Negatively Regulated by miR-139-5p, Decreases the Sensitivity of Gastric Cancer to 5-Fluorouracil Possibly by Targeting ABCC4. <i>Frontiers in Oncology</i> , 2021, 11, 645979.	1.3	3
448	QTMP, a Novel Thiourea Polymer, Causes DNA Damage to Exert Anticancer Activity and Overcome Multidrug Resistance in Colorectal Cancer Cells. <i>Frontiers in Oncology</i> , 2021, 11, 667689.	1.3	1
449	KRAS and EGFR Mutations Differentially Alter ABC Drug Transporter Expression in Cisplatin-Resistant Non-Small Cell Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5384.	1.8	9
450	Transferrin Coated γ -penicillamine-Au-Cu Nanocluster PLGA Nanocomposite Reverses Hypoxia-Induced EMT and MDR of Triple-Negative Breast Cancers. <i>ACS Applied Bio Materials</i> , 2021, 4, 5033-5048.	2.3	8
451	Structure-Based Discovery of Pyrimidine Aminobenzene Derivatives as Potent Oral Reversal Agents against P-gp- and BCRP-Mediated Multidrug Resistance. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6179-6197.	2.9	18
452	Kinase drug discovery 20 years after imatinib: progress and future directions. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 551-569.	21.5	497
453	Oncolytic virotherapy reverses chemoresistance in osteosarcoma by suppressing MDR1 expression. <i>Cancer Chemotherapy and Pharmacology</i> , 2021, 88, 513-524.	1.1	6

#	ARTICLE	IF	CITATIONS
454	Computer-Aided Search for 5-arylideneimidazolone Anticancer Agents Able To Overcome ABCB1-Based Multidrug Resistance. <i>ChemMedChem</i> , 2021, 16, 2386-2401.	1.6	4
455	Van der Waals force-driven indomethacin-ss-paclitaxel nanodrugs for reversing multidrug resistance and enhancing NSCLC therapy. <i>International Journal of Pharmaceutics</i> , 2021, 603, 120691.	2.6	11
456	Sugar-originated carbon nanodots selectively damage the tumor and enhance the sensitivity of chemotherapy. <i>Nano Today</i> , 2021, 38, 101200.	6.2	10
457	Chalcone Derivatives: Role in Anticancer Therapy. <i>Biomolecules</i> , 2021, 11, 894.	1.8	138
458	Discovery of new pyrimidopyrrolizine/indolizine-based derivatives as P-glycoprotein inhibitors: Design, synthesis, cytotoxicity, and MDR reversal activities. <i>European Journal of Medicinal Chemistry</i> , 2021, 218, 113403.	2.6	21
459	Antimicrobial Activity of a Library of Thioxanthenes and Their Potential as Efflux Pump Inhibitors. <i>Pharmaceutics</i> , 2021, 14, 572.	1.7	11
460	Effect of Voacamine upon inhibition of hypoxia induced fatty acid synthesis in a rat model of methyl-nitrosourea induced mammary gland carcinoma. <i>BMC Molecular and Cell Biology</i> , 2021, 22, 33.	1.0	9
461	Uncurtaining the pivotal role of ABC transporters in diabetes mellitus. <i>Environmental Science and Pollution Research</i> , 2021, 28, 41533-41551.	2.7	8
462	Drug resistance reversal by intervening cancer bioenergetics with spherical helical polypeptide-potentiated gene silencing. <i>Chemical Engineering Journal</i> , 2021, 414, 128545.	6.6	13
463	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.	2.0	21
464	The Impact of Extracellular Ca ²⁺ and Nanosecond Electric Pulses on Sensitive and Drug-Resistant Human Breast and Colon Cancer Cells. <i>Cancers</i> , 2021, 13, 3216.	1.7	11
465	ABCB1 and ABCG2 Together Limit the Distribution of ABCB1/ABCG2 Substrates to the Human Retina and the ABCG2 Single Nucleotide Polymorphism Q141K (c.421C>A) May Lead to Increased Drug Exposure. <i>Frontiers in Pharmacology</i> , 2021, 12, 698966.	1.6	6
466	Naphtho- β -pyrone Dimers from an Endozoic <i>Aspergillus niger</i> and the Effects of Coisolated Monomers in Combination with Cisplatin on a Cisplatin-Resistant A549 Cell Line. <i>Journal of Natural Products</i> , 2021, 84, 1889-1897.	1.5	1
467	Recent advances in phytochemical-based Nano-formulation for drug-resistant Cancer. <i>Medicine in Drug Discovery</i> , 2021, 10, 100082.	2.3	40
468	Acquired ABC-transporter overexpression in cancer cells: transcriptional induction or Darwinian selection?. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 1621-1632.	1.4	17
469	Overcoming P-Glycoprotein-Mediated Doxorubicin Resistance. , 0, , .		2
470	Ca ²⁺ -activated K ⁺ channel K _{Ca} 1.1 as a therapeutic target to overcome chemoresistance in three-dimensional sarcoma spheroid models. <i>Cancer Science</i> , 2021, 112, 3769-3783.	1.7	12
471	BMI1 activates P-glycoprotein via transcription repression of miR-3682-3p and enhances chemoresistance of bladder cancer cell. <i>Aging</i> , 2021, 13, 18310-18330.	1.4	13

#	ARTICLE	IF	CITATIONS
472	Analysis of Ferroptosis-Mediated Modification Patterns and Tumor Immune Microenvironment Characterization in Uveal Melanoma. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 685120.	1.8	20
473	Imidazoles as Potential Anticancer Agents: An Update on Recent Studies. <i>Molecules</i> , 2021, 26, 4213.	1.7	69
474	DNA-EPKc inhibition overcomes taxane resistance by promoting taxane-induced DNA damage in prostate cancer cells. <i>Prostate</i> , 2021, 81, 1032-1048.	1.2	7
475	Development of the PARP inhibitor talazoparib for the treatment of advanced BRCA1 and BRCA2 mutated breast cancer. <i>Expert Opinion on Pharmacotherapy</i> , 2021, 22, 1825-1837.	0.9	11
476	VLA-4 Induces Chemoresistance of T Cell Acute Lymphoblastic Leukemia Cells via PYK2-Mediated Drug Efflux. <i>Cancers</i> , 2021, 13, 3512.	1.7	4
477	Is Curcumin the Answer to Future Chemotherapy Cocktail?. <i>Molecules</i> , 2021, 26, 4329.	1.7	19
478	Nonviral siRNA delivery systems for pancreatic cancer therapy. <i>Biotechnology and Bioengineering</i> , 2021, 118, 3669-3690.	1.7	13
479	Molecular insights into the human ABCB6 transporter. <i>Cell Discovery</i> , 2021, 7, 55.	3.1	18
480	Profile of Membrane Cargo Trafficking Proteins and Transporters Expressed under N Source Derepressing Conditions in <i>Aspergillus nidulans</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 560.	1.5	7
481	Crystallographic studies of piperazine derivatives of 3-methyl-5-spirofluorenehydantoin in search of structural features of P-gp inhibitors. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2021, 77, 467-478.	0.2	4
482	Breast cancer brain metastasis: insight into molecular mechanisms and therapeutic strategies. <i>British Journal of Cancer</i> , 2021, 125, 1056-1067.	2.9	50
483	Elevated cellular PpIX potentiates sonodynamic therapy in a mouse glioma stem cell-bearing glioma model by downregulating the Akt/NF- κ B/MDR1 pathway. <i>Scientific Reports</i> , 2021, 11, 15105.	1.6	9
484	CDK7 and MITF repress a transcription program involved in survival and drug tolerance in melanoma. <i>EMBO Reports</i> , 2021, 22, e51683.	2.0	10
485	Use of photoimmunoconjugates to characterize ABCB1 in cancer cells. <i>Nanophotonics</i> , 2021, 10, 3049-3061.	2.9	4
486	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.	1.8	3
487	ETV7 regulates breast cancer stem-like cell features by repressing IFN-response genes. <i>Cell Death and Disease</i> , 2021, 12, 742.	2.7	16
488	Chemoresistance and Metastasis in Breast Cancer Molecular Mechanisms and Novel Clinical Strategies. <i>Frontiers in Oncology</i> , 2021, 11, 658552.	1.3	30
489	Exploring the Monoterpene Indole Alkaloid Scaffold for Reversing P-Glycoprotein-Mediated Multidrug Resistance in Cancer. <i>Pharmaceutics</i> , 2021, 14, 862.	1.7	8

#	ARTICLE	IF	CITATIONS
490	Nanomedicine Applications in Treatment of Primary Central Nervous System Lymphoma: Current State of the Art. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 1459-1485.	0.5	3
491	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.	1.8	3
492	Assessing the Functional Redundancy between P-gp and BCRP in Controlling the Brain Distribution and Biliary Excretion of Dual Substrates with PET Imaging in Mice. <i>Pharmaceutics</i> , 2021, 13, 1286.	2.0	7
493	Reveals of candidate active ingredients in <i>Justicia</i> and its anti-thrombotic action of mechanism based on network pharmacology approach and experimental validation. <i>Scientific Reports</i> , 2021, 11, 17187.	1.6	7
494	ABC Transporters in T Cell-Mediated Physiological and Pathological Immune Responses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9186.	1.8	18
495	Nanoparticles of cisplatin augment drug accumulations and inhibit multidrug resistance transporters in human glioblastoma cells. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 857-873.	1.2	13
496	LightSpot [®] -FL-1 Fluorescent Probe: An Innovative Tool for Cancer Drug Resistance Analysis by Direct Detection and Quantification of the P-glycoprotein (P-gp) on Monolayer Culture and Spheroid Triple Negative Breast Cancer Models. <i>Cancers</i> , 2021, 13, 4050.	1.7	2
497	ABCB1 Does Not Require the Side-Chain Hydrogen-Bond Donors Gln347, Gln725, Gln990 to Confer Cellular Resistance to the Anticancer Drug Taxol. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8561.	1.8	5
498	S-Adenosylmethionine Increases the Sensitivity of Human Colorectal Cancer Cells to 5-Fluorouracil by Inhibiting P-Glycoprotein Expression and NF- κ B Activation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9286.	1.8	16
499	Immune Microenvironment Landscape in CNS Tumors and Role in Responses to Immunotherapy. <i>Cells</i> , 2021, 10, 2032.	1.8	12
500	Recent Updates on Mechanisms of Resistance to 5-Fluorouracil and Reversal Strategies in Colon Cancer Treatment. <i>Biology</i> , 2021, 10, 854.	1.3	44
501	Genetic Heterogeneity, Therapeutic Hurdle Confronting Sorafenib and Immune Checkpoint Inhibitors in Hepatocellular Carcinoma. <i>Cancers</i> , 2021, 13, 4343.	1.7	8
502	Let-7i miRNA and platinum loaded nano-graphene oxide platform for detection/reversion of drug resistance and synergetic chemical-photothermal inhibition of cancer cell. <i>Chinese Chemical Letters</i> , 2022, 33, 767-772.	4.8	23
503	Analogues of a Natural Peptaibol Exert Anticancer Activity in Both Cisplatin- and Doxorubicin-Resistant Cells and in Multicellular Tumor Spheroids. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8362.	1.8	13
504	Co-Delivery of Doxorubicin and Chloroquine by Polyglycerol Functionalized MoS ₂ Nanosheets for Efficient Multidrug-Resistant Cancer Therapy. <i>Macromolecular Bioscience</i> , 2021, 21, e2100233.	2.1	7
505	Gather wisdom to overcome barriers: Well-designed nano-drug delivery systems for treating gliomas. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1100-1125.	5.7	20
506	Nanotherapeutic approach to tackle chemotherapeutic resistance of cancer stem cells. <i>Life Sciences</i> , 2021, 279, 119667.	2.0	9
507	Toxicity-attenuated mesoporous silica Schiff-base bonded anticancer drug complexes for chemotherapy of drug resistant cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111839.	2.5	13

#	ARTICLE	IF	CITATIONS
508	Rutaecarpine Increases Anticancer Drug Sensitivity in Drug-Resistant Cells through MARCH8-Dependent ABCB1 Degradation. <i>Biomedicines</i> , 2021, 9, 1143.	1.4	12
509	Precise targeting of osteopontin in non-small cell lung cancer spinal metastasis to promote chemosensitivity via a smart hollow nano-platform. <i>Chemical Engineering Journal</i> , 2022, 436, 132131.	6.6	8
510	Precision Oncology with Drugs Targeting the Replication Stress, ATR, and Schlafen 11. <i>Cancers</i> , 2021, 13, 4601.	1.7	19
511	The Cytotoxicity of Doxorubicin Can Be Accelerated by a Combination of Hyperthermia and 5-Aminolevulinic Acid. <i>Antioxidants</i> , 2021, 10, 1531.	2.2	2
512	Gene copy-number changes and chromosomal instability induced by aneuploidy confer resistance to chemotherapy. <i>Developmental Cell</i> , 2021, 56, 2440-2454.e6.	3.1	87
513	CP100356 Hydrochloride, a P-Glycoprotein Inhibitor, Inhibits Lassa Virus Entry: Implication of a Candidate Pan-Mammarenavirus Entry Inhibitor. <i>Viruses</i> , 2021, 13, 1763.	1.5	2
514	Research Progress on the Functions and Mechanism of circRNA in Cisplatin Resistance in Tumors. <i>Frontiers in Pharmacology</i> , 2021, 12, 709324.	1.6	20
515	Generation of Antibody-Drug Conjugate Resistant Models. <i>Cancers</i> , 2021, 13, 4631.	1.7	6
516	Impact of ABC Transporters in Osteosarcoma and Ewing's Sarcoma: Which Are Involved in Chemoresistance and Which Are Not?. <i>Cells</i> , 2021, 10, 2461.	1.8	9
517	Discovery of New 4-Indolyl Quinazoline Derivatives as Highly Potent and Orally Bioavailable P-Glycoprotein Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14895-14911.	2.9	27
518	Mitochondrial metabolism as a potential therapeutic target in myeloid leukaemia. <i>Leukemia</i> , 2022, 36, 1-12.	3.3	54
519	Identification of circ_0058357 as a regulator in non-small cell lung cancer cells resistant to cisplatin by miR-361-3p/ABCC1 axis. <i>Thoracic Cancer</i> , 2021, 12, 2894-2906.	0.8	9
520	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.	1.5	7
521	Mitochondrial Breast Cancer Resistant Protein Sustains the Proliferation and Survival of Drug-Resistant Breast Cancer Cells by Regulating Intracellular Reactive Oxygen Species. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 719209.	1.8	4
522	Small molecule kinase inhibitors enhance aminolevulinic acid-mediated protoporphyrin IX fluorescence and PDT response in triple negative breast cancer cell lines. <i>Journal of Biomedical Optics</i> , 2021, 26, .	1.4	8
523	The phenothiazine, trifluoperazine, is selectively lethal to ABCB1-expressing multidrug resistant cells. <i>Biochemical and Biophysical Research Communications</i> , 2021, 570, 148-153.	1.0	4
524	Arise of MDR Inhibitors for Anticancer Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, .	0.9	1
525	AANG: A natural compound formula for overcoming multidrug resistance via synergistic rebalancing the TGF β /Smad signalling in hepatocellular carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 9805-9813.	1.6	16

#	ARTICLE	IF	CITATIONS
526	Tumor-targeting pH/redox dual-responsive nanosystem epigenetically reverses cancer drug resistance by co-delivering doxorubicin and GCN5 siRNA. <i>Acta Biomaterialia</i> , 2021, 135, 556-566.	4.1	30
527	Islet Co-Expression of CD133 and ABCB5 in Human Retinoblastoma Specimens. <i>Klinische Monatsblätter Fur Augenheilkunde</i> , 2023, 240, 878-886.	0.3	2
528	Piceatannol, a Structural Analog of Resveratrol, Is an Apoptosis Inducer and a Multidrug Resistance Modulator in HL-60 Human Acute Myeloid Leukemia Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10597.	1.8	5
529	Glioblastoma multiforme (GBM): An overview of current therapies and mechanisms of resistance. <i>Pharmacological Research</i> , 2021, 171, 105780.	3.1	196
530	Mechanistic Insights into Photodynamic Regulation of Adenosine 5â€²-Triphosphate-Binding Cassette Drug Transporters. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1578-1587.	2.5	5
531	Metal- and metalloid-based compounds to target and reverse cancer multidrug resistance. <i>Drug Resistance Updates</i> , 2021, 58, 100778.	6.5	45
532	A mean-field approach for modeling the propagation of perturbations in biochemical reaction networks. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 165, 105919.	1.9	1
533	ABCB1 and ABCG2, but not CYP3A4 limit oral availability and brain accumulation of the RET inhibitor pralsetinib. <i>Pharmacological Research</i> , 2021, 172, 105850.	3.1	6
534	Evolutionary dynamics of cancer multidrug resistance in response to olaparib and photodynamic therapy. <i>Translational Oncology</i> , 2021, 14, 101198.	1.7	6
535	Anticancer potential of indirubins in medicinal chemistry: Biological activity, structural modification, and structure-activity relationship. <i>European Journal of Medicinal Chemistry</i> , 2021, 223, 113652.	2.6	29
536	The roles of the human ATP-binding cassette transporters P-glycoprotein and ABCG2 in multidrug resistance in cancer and at endogenous sites: future opportunities for structure-based drug design of inhibitors. , 2021, 4, 784-804.		22
537	The Breast Cancer Stem Cells Traits and Drug Resistance. <i>Frontiers in Pharmacology</i> , 2020, 11, 599965.	1.6	40
538	Drug Repurposing Screen for Compounds Inhibiting the Cytopathic Effect of SARS-CoV-2. <i>Frontiers in Pharmacology</i> , 2020, 11, 592737.	1.6	69
539	The Great Escape: The Power of Cancer Stem Cells to Evade Programmed Cell Death. <i>Cancers</i> , 2021, 13, 328.	1.7	23
540	Sirtuins in hematopoiesis and blood malignancies. , 2021, , 373-391.		2
541	Carbonic anhydrase XII inhibition overcomes P-glycoprotein-mediated drug resistance: a potential new combination therapy in cancer. , 2021, 4, 343-355.		6
542	Conformers, Properties of the Anticancer Drug Plocabulin, and its Binding Mechanism with p-Glycoprotein: DFT and MD Studies. <i>Australian Journal of Chemistry</i> , 2021, 74, 529.	0.5	0
543	MicroRNAs Involved in Small-cell Lung Cancer as Possible Agents for Treatment and Identification of New Targets. <i>Cancer Genomics and Proteomics</i> , 2021, 18, 591-603.	1.0	1

#	ARTICLE	IF	CITATIONS
544	Self-delivery nanomedicine to overcome drug resistance for synergistic chemotherapy. <i>Biomaterials Science</i> , 2021, 9, 3445-3452.	2.6	17
545	Epigenetic biomarkers of disease. , 2021, , 117-141.		0
546	OUP accepted manuscript. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, , .	1.3	3
547	The roles of exosomes in cancer drug resistance and its therapeutic application. <i>Clinical and Translational Medicine</i> , 2020, 10, e257.	1.7	47
548	Pharmacokinetics and Bioavailability Enhancement of Natural Products. , 2020, , 109-141.		2
549	Grape seed proanthocyanidin extract reverses multidrug resistance in HL-60/ADR cells via inhibition of the PI3K/Akt signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 109885.	2.5	19
550	Distinct Mechanisms of Resistance to a CENP-E Inhibitor Emerge in Near-Haploid and Diploid Cancer Cells. <i>Cell Chemical Biology</i> , 2020, 27, 850-857.e6.	2.5	6
551	Genetic biomarkers of drug resistance: A compass of prognosis and targeted therapy in acute myeloid leukemia. <i>Drug Resistance Updates</i> , 2020, 52, 100703.	6.5	25
552	Pyrimidine: A promising scaffold for optimization to develop the inhibitors of ABC transporters. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112458.	2.6	31
553	In Vitro and In Vivo Electrochemical Measurement of Reactive Oxygen Species After Treatment with Anticancer Drugs. <i>Analytical Chemistry</i> , 2020, 92, 8010-8014.	3.2	58
554	ATP-dependent thermostabilization of human P-glycoprotein (ABCB1) is blocked by modulators. <i>Biochemical Journal</i> , 2019, 476, 3737-3750.	1.7	20
555	Reversal of EGFR inhibitorsâ€™ resistance by co-delivering EGFR and integrin Î±vÎ²3 inhibitors with nanoparticles in non-small cell lung cancer. <i>Bioscience Reports</i> , 2019, 39, .	1.1	11
556	ABCG2 requires a single aromatic amino acid to â€œclampâ€ substrates and inhibitors into the binding pocket. <i>FASEB Journal</i> , 2020, 34, 4890-4903.	0.2	30
559	Taxane resistance in prostate cancer is mediated by decreased drug-target engagement. <i>Journal of Clinical Investigation</i> , 2020, 130, 3287-3298.	3.9	31
560	Multidrug transporters: recent insights from cryo-electron microscopy-derived atomic structures and animal models. <i>F1000Research</i> , 2020, 9, 17.	0.8	25
561	Pharmacokinetic interaction between mitotane and etoposide in adrenal carcinoma: a pilot study. <i>Endocrine Connections</i> , 2018, 7, 1409-1414.	0.8	5
562	Resistance to drugs and cell death in cancer stem cells (CSCs). <i>Journal of Translational Science</i> , 2020, 6, .	0.2	13
563	Drug-adapted cancer cell lines as preclinical models of acquired resistance. , 2019, 2, 447-456.		16

#	ARTICLE	IF	CITATIONS
564	The effects of growth hormone on therapy resistance in cancer. , 2019, 2, 827-846.		16
565	MicroRNAs and cancer drug resistance: over two thousand characters in search of a role. , 2019, 2, 618-633.		3
566	State of the art of overcoming efflux transporter mediated multidrug resistance of breast cancer. Translational Cancer Research, 2019, 8, 319-329.	0.4	10
567	Wnt- β -catenin Signaling Pathway, the Achilles' Heels of Cancer Multidrug Resistance. Current Pharmaceutical Design, 2019, 25, 4192-4207.	0.9	13
568	Role of ATP-Binding Cassette Transporter Proteins in CNS Tumors: Resistance- Based Perspectives and Clinical Updates. Current Pharmaceutical Design, 2020, 26, 4747-4763.	0.9	7
569	Drug Development for Central Nervous System Diseases Using In vitro Blood-brain Barrier Models and Drug Repositioning. Current Pharmaceutical Design, 2020, 26, 1466-1485.	0.9	35
570	Inhibition of Polo-Like Kinase 1 by BI2536 Reverses the Multidrug Resistance of Human Hepatoma Cells In Vitro and In Vivo. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 740-749.	0.9	2
571	Therapeutic Potentials and Mechanisms of Artemisinin and its Derivatives for Tumorigenesis and Metastasis. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 520-535.	0.9	15
572	UBE2L6 is Involved in Cisplatin Resistance by Regulating the Transcription of ABCB6. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 1487-1496.	0.9	11
573	Paired-related homeobox 1 overexpression promotes multidrug resistance via PTEN/PI3K/AKT signaling in MCF7 breast cancer cells. Molecular Medicine Reports, 2020, 22, 3183-3190.	1.1	7
574	Curcumin increases the sensitivity of K562/DOX cells to doxorubicin by targeting S100 calcium-binding protein A8 and P-glycoprotein. Oncology Letters, 2020, 19, 83-92.	0.8	15
575	Synergistic antitumor effect of dual PI3K and mTOR inhibitor NVP-BEZ235 in combination with cisplatin on drug-resistant non-small cell lung cancer cell. Oncology Letters, 2020, 20, 326.	0.8	9
576	Osteopontin's isoform inhibition modulates ovarian cancer cell cisplatin resistance, viability and plasticity. Oncology Reports, 2020, 45, 652-664.	1.2	8
577	In vitro and ex vivo anti-tumor effect and mechanism of Tucatinib in leukemia stem cells and ABCG2-overexpressing leukemia cells. Oncology Reports, 2020, 45, 1142-1152.	1.2	4
578	β 1,4-Galactosyltransferase V Modulates Breast Cancer Stem Cells through Wnt/ β -catenin Signaling Pathway. Cancer Research and Treatment, 2020, 52, 1084-1102.	1.3	14
579	An Assay to Assess Gap Junction Communication in Cell Lines. Journal of Biomolecular Techniques, 2019, 30, 1-6.	0.8	4
580	A single power stroke by ATP binding drives substrate translocation in a heterodimeric ABC transporter. ELife, 2020, 9, .	2.8	30
581	Polycaprolactone Electrospun Scaffolds Produce an Enrichment of Lung Cancer Stem Cells in Sensitive and Resistant EGFRm Lung Adenocarcinoma. Cancers, 2021, 13, 5320.	1.7	4

#	ARTICLE	IF	CITATIONS
582	Generation of Two Paclitaxel-Resistant High-Grade Serous Carcinoma Cell Lines With Increased Expression of P-Glycoprotein. <i>Frontiers in Oncology</i> , 2021, 11, 752127.	1.3	9
583	A network pharmacological approach to reveal the multidrug resistance reversal and associated mechanisms of acetogenins against colorectal cancer. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 13527-13546.	2.0	2
584	New Therapeutic Strategy for Overcoming Multidrug Resistance in Cancer Cells with Pyrazolo[3,4-d]pyrimidine Tyrosine Kinase Inhibitors. <i>Cancers</i> , 2021, 13, 5308.	1.7	6
585	DNA Origami Frameworks Enabled Self-Protective siRNA Delivery for Dual Enhancement of Chemo-Photothermal Combination Therapy. <i>Small</i> , 2021, 17, e2101780.	5.2	23
586	Innovative nanochemotherapy for overcoming cancer multidrug resistance. <i>Nanotechnology</i> , 2021, 33, .	1.3	6
587	Do Lipid-based Nanoparticles Hold Promise for Advancing the Clinical Translation of Anticancer Alkaloids?. <i>Cancers</i> , 2021, 13, 5346.	1.7	11
588	High expression levels and the C3435T SNP of the ABCB1 gene are associated with lower survival in adult patients with acute myeloblastic leukemia in Mexico City. <i>BMC Medical Genomics</i> , 2021, 14, 251.	0.7	1
589	Identification of Novel Anthracycline Resistance Genes and Their Inhibitors. <i>Pharmaceuticals</i> , 2021, 14, 1051.	1.7	2
590	New Insight to Overcome Tumor Resistance: An Overview from Cellular to Clinical Therapies. <i>Life</i> , 2021, 11, 1131.	1.1	3
591	P-glycoprotein suppression by photothermal-responsive nitric oxide releasing nanoplatform for triple-combination therapy of multidrug resistant cancer. <i>Materials and Design</i> , 2021, 211, 110160.	3.3	17
592	Mechanisms of induction of tumors by cholesterol and potential therapeutic prospects. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112277.	2.5	12
596	The role of P-glycoprotein transporters in drug resistance to bortezomib in multiple myeloma. <i>Uspehi Molekularnoj Onkologii</i> , 2019, 6, 49-56.	0.1	1
600	Amphiregulin promotes cisplatin chemoresistance by upregulating ABCB1 expression in human chondrosarcoma. <i>Aging</i> , 2020, 12, 9475-9488.	1.4	5
602	Jadomycins: A potential chemotherapy for multi-drug resistant metastatic breast cancer. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00886.	1.1	8
603	Novel Inhibitor-Based Therapies for Thyroid Cancer—An Update. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11829.	1.8	25
604	A Non-Nutritive Feeding Intervention Alters the Expression of Efflux Transporters in the Gastrointestinal Tract. <i>Pharmaceutics</i> , 2021, 13, 1789.	2.0	2
605	Carbon Dots: An Innovative Tool for Drug Delivery in Brain Tumors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11783.	1.8	54
606	The Dichloromethane Fraction of <i>Vernonia cinerea</i> Impart Pro-Apoptotic, Genotoxic, Cell Cycle Arrest, and Drug Efflux Inhibitory Effects on Human Adenocarcinoma Cells. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2020, 15, 239-256.	0.8	4

#	ARTICLE	IF	CITATIONS
607	Revisiting chemoresistance in ovarian cancer: Mechanism, biomarkers, and precision medicine. <i>Genes and Diseases</i> , 2022, 9, 668-681.	1.5	12
608	Exploring near-infrared absorbing nanocarriers to overcome cancer drug resistance. , 2020, 3, 302-333.		4
609	Nanocarrier drug resistant tumor interactions: novel approaches to fight drug resistance in cancer. , 2021, 4, 264-297.		5
610	Genomic stability at the coding regions of the multidrug transporter gene ABCB1: insights into the development of alternative drug resistance mechanisms in human leukemia cells. , 2020, 3, 959-979.		1
611	Functionalized niosomes as a smart delivery device in cancer and fungal infection. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 168, 106052.	1.9	60
612	Tepotinib Inhibits Several Drug Efflux Transporters and Biotransformation Enzymes: The Role in Drug-Drug Interactions and Targeting Cytostatic Resistance In Vitro and Ex Vivo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11936.	1.8	7
613	Mitochondrial temperature-responsive drug delivery reverses drug resistance in lung cancer. <i>Bioactive Materials</i> , 2022, 13, 191-199.	8.6	24
615	Overcoming anticancer resistance by photodynamic therapy-related efflux pump deactivation and ultrasound-mediated improved drug delivery efficiency. <i>Nano Convergence</i> , 2020, 7, 30.	6.3	14
617	Therapeutic efficacy and safety of Kangfuxin in combination with rabeprazole in the treatment of peptic ulcer. <i>Medicine (United States)</i> , 2020, 99, e23103.	0.4	3
618	Design, Synthesis and Biological Evaluation of Dimethyl Cardamonin (DMC) Derivatives as P-glycoprotein-mediated Multidrug Resistance Reversal Agents. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 1270-1282.	0.4	0
619	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
620	Pharmacokinetic Effect of Gene Polymorphism rs2032582 on the Therapeutic Response in Iraqi Patients with Acute Myeloid Leukemia. <i>Avicenna Journal of Medical Biotechnology</i> , 2020, 12, 241-245.	0.2	0
621	KD025, an anti-adipocyte differentiation drug, enhances the efficacy of conventional chemotherapeutic drugs in ABCG2-overexpressing leukemia cells. <i>Oncology Letters</i> , 2020, 20, 309.	0.8	1
622	CHOP overexpression sensitizes human non-small cell lung cancer cells to cisplatin treatment by Bcl-2/JNK pathway. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 6279-6287.	0.0	2
623	ABC Transporters are Hub Genes in Response of Resistant E. Coli ST131 to Ciprofloxacin. <i>Archives of Pharmacy Practice</i> , 2021, 12, 82-88.	0.2	1
624	Dabrafenib inhibits ABCG2 and cytochrome P450 isoenzymes; potential implications for combination anticancer therapy. <i>Toxicology and Applied Pharmacology</i> , 2022, 434, 115797.	1.3	4
625	Towards controlled drug delivery in brain tumors with microbubble-enhanced focused ultrasound. <i>Advanced Drug Delivery Reviews</i> , 2022, 180, 114043.	6.6	41
626	Cyclometalated Ru(II)-isoquinoline complexes overcome cisplatin resistance of A549/DDP cells by downregulation of Nrf2 via Akt/GSK-3 β /Fyn pathway. <i>Bioorganic Chemistry</i> , 2022, 119, 105516.	2.0	8

#	ARTICLE	IF	CITATIONS
627	Nanotherapeutics approaches to overcome P-glycoprotein-mediated multi-drug resistance in cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 40, 102494.	1.7	28
628	Clinical Significance and Prognostic Value of Human Soluble Resistance-Related Calcium-Binding Protein: A Pan-Cancer Analysis. <i>Frontiers in Medicine</i> , 2021, 8, 752619.	1.2	1
629	MsbA: an ABC transporter paradigm. <i>Biochemical Society Transactions</i> , 2021, 49, 2917-2927.	1.6	9
630	Phenotypic Consequences of SLC25A40-ABCB1 Fusions beyond Drug Resistance in High-Grade Serous Ovarian Cancer. <i>Cancers</i> , 2021, 13, 5644.	1.7	1
632	Molecular Alterations Associated with Acquired Drug Resistance during Combined Treatment with Encorafenib and Binimetinib in Melanoma Cell Lines. <i>Cancers</i> , 2021, 13, 6058.	1.7	7
633	ATP binding cassette transporters and cancer: revisiting their controversial role. <i>Pharmacogenomics</i> , 2021, 22, 1211-1235.	0.6	12
634	Exosomal microRNA-107 reverses chemotherapeutic drug resistance of gastric cancer cells through HMGA2/mTOR/P-gp pathway. <i>BMC Cancer</i> , 2021, 21, 1290.	1.1	26
635	Modulating undruggable targets to overcome cancer therapy resistance. <i>Drug Resistance Updates</i> , 2022, 60, 100788.	6.5	15
636	Resensitizing resistant Escherichia Coli ST131 to Macrolide using Fluoroquinolones. <i>Journal of Advanced Pharmacy Education and Research</i> , 2021, 11, 29-34.	0.2	0
637	KD025, an anti-adipocyte differentiation drug, enhances the efficacy of conventional chemotherapeutic drugs in ABCG2-overexpressing leukemia cells. <i>Oncology Letters</i> , 2020, 20, 1-1.	0.8	4
638	Nanomedicine in Pancreatic Cancer: Current Status and Future Opportunities for Overcoming Therapy Resistance. <i>Cancers</i> , 2021, 13, 6175.	1.7	20
639	Long Non-Coding RNA in Gastric Cancer: Mechanisms and Clinical Implications for Drug Resistance. <i>Frontiers in Oncology</i> , 2022, 12, 841411.	1.3	37
640	Inhibition of NPC1L1 disrupts adaptive responses of drug-tolerant persister cells to chemotherapy. <i>EMBO Molecular Medicine</i> , 2022, 14, e14903.	3.3	46
641	Systemic Mobilization of Breast Cancer Resistance Protein in Response to Oncogenic Stress. <i>Cancers</i> , 2022, 14, 313.	1.7	3
642	Alisertib shows negligible potential for perpetrating pharmacokinetic drug-drug interactions on ABCB1, ABCG2 and cytochromes P450, but acts as dual-activity resistance modulator through the inhibition of ABCC1 transporter. <i>Toxicology and Applied Pharmacology</i> , 2022, 434, 115823.	1.3	9
643	Bruceine D Identified as a Drug Candidate against Breast Cancer by a Novel Drug Selection Pipeline and Cell Viability Assay. <i>Pharmaceuticals</i> , 2022, 15, 179.	1.7	3
644	Interaction of A3 adenosine receptor ligands with the human multidrug transporter ABCG2. <i>European Journal of Medicinal Chemistry</i> , 2022, 231, 114103.	2.6	3
645	Emerging actionable targets to treat therapy-resistant colorectal cancers. <i>Cancer Drug Resistance (Alhambra, Calif)</i> , 2022, 5, 36-63.	0.9	6

#	ARTICLE	IF	CITATIONS
646	FOXMI Promotes Drug Resistance in Cervical Cancer Cells by Regulating ABCC5 Gene Transcription. <i>BioMed Research International</i> , 2022, 2022, 1-13.	0.9	6
647	Targeted disruption of mitochondria potently reverses multidrug resistance in cancer therapy. <i>British Journal of Pharmacology</i> , 2022, 179, 3346-3362.	2.7	5
648	Multidrug Resistance (MDR): A Widespread Phenomenon in Pharmacological Therapies. <i>Molecules</i> , 2022, 27, 616.	1.7	155
649	Caveolae-Associated Molecules, Tumor Stroma, and Cancer Drug Resistance: Current Findings and Future Perspectives. <i>Cancers</i> , 2022, 14, 589.	1.7	8
650	GSH facilitates the binding and inhibitory activity of novel multidrug resistance protein 1 (MRP1) modulators. <i>FEBS Journal</i> , 2022, 289, 3854-3875.	2.2	6
651	Enhanced Intracellular Reactive Oxygen Species by Photodynamic Therapy Effectively Promotes Chemoresistant Cell Death. <i>International Journal of Biological Sciences</i> , 2022, 18, 374-385.	2.6	10
652	Extracellular Vesicles as Mediators of Therapy Resistance in the Breast Cancer Microenvironment. <i>Biomolecules</i> , 2022, 12, 132.	1.8	7
653	Research advances in the role and pharmaceuticals of ATP-binding cassette transporters in autoimmune diseases. <i>Molecular and Cellular Biochemistry</i> , 2022, , 1.	1.4	1
654	Pharmacogenomics of soft tissue sarcomas: New horizons to understand efficacy and toxicity. <i>Cancer Treatment and Research Communications</i> , 2022, 31, 100528.	0.7	1
655	Methods to Measure the Inhibition of ABCG2 Transporter and Ferrochelatase Activity to Enhance Aminolevulinic Acid-Protoporphyrin IX Fluorescence-Guided Tumor Detection and Resection. <i>Methods in Molecular Biology</i> , 2022, 2394, 823-835.	0.4	1
656	Emerging Therapeutic Strategies for Parkinson's Disease and Future Prospects: A 2021 Update. <i>Biomedicines</i> , 2022, 10, 371.	1.4	29
657	Treatment-driven tumour heterogeneity and drug resistance: Lessons from solid tumours. <i>Cancer Treatment Reviews</i> , 2022, 104, 102340.	3.4	21
658	Lipid metabolism of cancer stem cells (Review). <i>Oncology Letters</i> , 2022, 23, 119.	0.8	18
659	Momordica balsamina: phytochemistry and pharmacological potential of a gifted species. <i>Phytochemistry Reviews</i> , 2022, 21, 617-646.	3.1	9
660	Anticancer drug resistance: An update and perspective. <i>Drug Resistance Updates</i> , 2021, 59, 100796.	6.5	122
661	Emerging Nano-Based Strategies Against Drug Resistance in Tumor Chemotherapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 798882.	2.0	23
662	Membranes. , 2022, , 233-279.		0
663	Development of prospective non-toxic inhibitors of ABCB1 activity and expression in a series of selenophenoquinolinones. <i>New Journal of Chemistry</i> , 2022, 46, 7424-7432.	1.4	2

#	ARTICLE	IF	CITATIONS
664	Mechanisms of chemotherapy resistance in ovarian cancer. <i>Cancer Drug Resistance (Alhambra, Calif)</i> , 0, , .	0.9	17
665	Design of a novel Pt(II) complex to reverse cisplatin-induced resistance in lung cancer via a multi-mechanism. <i>Dalton Transactions</i> , 2022, 51, 5257-5270.	1.6	4
666	Curcumin as an Enhancer of Therapeutic Efficiency of Chemotherapy Drugs in Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2144.	1.8	40
667	Small Molecule Compounds of Natural Origin Target Cellular Receptors to Inhibit Cancer Development and Progression. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2672.	1.8	8
668	High expression of nuclear NRF2 combined with NFE2L2 alterations predicts poor prognosis in esophageal squamous cell carcinoma patients. <i>Modern Pathology</i> , 2022, 35, 929-937.	2.9	12
669	Lemon-Derived Extracellular Vesicles Nanodrugs Enable to Efficiently Overcome Cancer Multidrug Resistance by Endocytosis-Triggered Energy Dissipation and Energy Production Reduction. <i>Advanced Science</i> , 2022, 9, e2105274.	5.6	40
670	Post-Transplantation Cyclophosphamide Uniquely Restrains Alloreactive CD4+ T-Cell Proliferation and Differentiation After Murine MHC-Haploidentical Hematopoietic Cell Transplantation. <i>Frontiers in Immunology</i> , 2022, 13, 796349.	2.2	12
671	Doxorubicin-NO Releaser Molecular Hybrid Activatable by Green Light to Overcome Resistance in Breast Cancer Cells. <i>ACS Omega</i> , 2022, 7, 7452-7459.	1.6	5
672	Effective Delivery of siRNA-Loaded Nanoparticles for Overcoming Oxaliplatin Resistance in Colorectal Cancer. <i>Frontiers in Oncology</i> , 2022, 12, 827891.	1.3	2
674	Overexpression of ABCB1 Associated With the Resistance to the KRAS-G12C Specific Inhibitor ARS-1620 in Cancer Cells. <i>Frontiers in Pharmacology</i> , 2022, 13, 843829.	1.6	5
675	Adenosine triphosphate-binding cassette subfamily C members in liver hepatocellular carcinoma. <i>Medicine (United States)</i> , 2022, 101, e28869.	0.4	4
676	The Roles of microRNAs in Cancer Multidrug Resistance. <i>Cancers</i> , 2022, 14, 1090.	1.7	22
677	Integrating Gemcitabine-Based Therapy With AdipoRon Enhances Growth Inhibition in Human PDAC Cell Lines. <i>Frontiers in Pharmacology</i> , 2022, 13, 837503.	1.6	11
678	Copper-Based Metal-Organic Framework Overcomes Cancer Chemoresistance through Systemically Disrupting Dynamically Balanced Cellular Redox Homeostasis. <i>Journal of the American Chemical Society</i> , 2022, 144, 4799-4809.	6.6	77
679	An engineered abcb4 expression model reveals the central role of NF- κ B in the regulation of drug resistance in zebrafish. <i>Drug Development Research</i> , 2022, , .	1.4	1
680	Targeting Multidrug Resistance With Antimicrobial Peptide-Decorated Nanoparticles and Polymers. <i>Frontiers in Microbiology</i> , 2022, 13, 831655.	1.5	6
681	C1QTNF6 is a Prognostic Biomarker and Related to Immune Infiltration and Drug Sensitivity: A Pan-Cancer Analysis. <i>Frontiers in Pharmacology</i> , 2022, 13, 855485.	1.6	3
682	Natural Phaeosphaeride A Derivatives Overcome Drug Resistance of Tumor Cells and Modulate Signaling Pathways. <i>Pharmaceuticals</i> , 2022, 15, 395.	1.7	2

#	ARTICLE	IF	CITATIONS
683	The Resistance of Cancer Cells to Palbociclib, a Cyclin-Dependent Kinase 4/6 Inhibitor, is Mediated by the ABCB1 Transporter. <i>Frontiers in Pharmacology</i> , 2022, 13, 861642.	1.6	7
684	Brain Vascular Microenvironments in Cancer Metastasis. <i>Biomolecules</i> , 2022, 12, 401.	1.8	7
685	Antagonism of the transient receptor potential melastatinâ€2 channel leads to targeted antitumor effects in primary human malignant melanoma cells. <i>International Journal of Oncology</i> , 2022, 60, .	1.4	4
686	Utilization of Photoaffinity Labeling to Investigate Binding of Microtubule Stabilizing Agents to P-Glycoprotein and Î²-Tubulin. <i>Journal of Natural Products</i> , 2022, 85, 720-728.	1.5	0
687	Clinical Significance and Potential Mechanisms of ATP Binding Cassette Subfamily C Genes in Hepatocellular Carcinoma. <i>Frontiers in Genetics</i> , 2022, 13, 805961.	1.1	5
688	Radix ranunculus temate saponins sensitizes ovarian cancer to Taxol via upregulation of miRâ€™letâ€™7b. <i>Experimental and Therapeutic Medicine</i> , 2022, 23, 315.	0.8	3
689	Inhibition of the drug efflux activity of Ptch1 as a promising strategy to overcome chemotherapy resistance in cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2022, 236, 114306.	2.6	2
690	Tumor microenvironment manipulates chemoresistance in ovarian cancer (Review). <i>Oncology Reports</i> , 2022, 47, .	1.2	10
691	BAG family proteins contributes to autophagy-mediated multidrug resistance of tumor. <i>Clinical and Translational Oncology</i> , 2022, 24, 1492-1500.	1.2	3
692	Downregulation of ATP binding cassette subfamily a member 10 acts as a prognostic factor associated with immune infiltration in breast cancer. <i>Aging</i> , 2022, 14, 2252-2267.	1.4	8
693	Epigenetic repression of gonadotropin gene expression via a GnRH-mediated DNA delivery system. <i>Gene Therapy</i> , 2022, , .	2.3	0
694	Mesenchymal Epithelial Transition (MET): A Key Player in Chemotherapy Resistance and an Emerging Target for Potentiating Cancer Immunotherapy. <i>Current Cancer Drug Targets</i> , 2022, 22, 269-285.	0.8	6
695	Phytol and Heptacosane Are Possible Tools to Overcome Multidrug Resistance in an In Vitro Model of Acute Myeloid Leukemia. <i>Pharmaceuticals</i> , 2022, 15, 356.	1.7	8
696	Infigratinib (BGJ 398), a Pan-FGFR Inhibitor, Targets P-Glycoprotein and Increases Chemotherapeutic-Induced Mortality of Multidrug-Resistant Tumor Cells. <i>Biomedicines</i> , 2022, 10, 601.	1.4	17
697	Preclinical studies of the triazolo[1,5-a]pyrimidine derivative WS-716 as a highly potent, specific and orally active P-glycoprotein (P-gp) inhibitor. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 3263-3280.	5.7	11
698	Contribution of MicroRNAs in Chemoresistance to Cisplatin in the Top Five Deadliest Cancer: An Updated Review. <i>Frontiers in Pharmacology</i> , 2022, 13, 831099.	1.6	6
701	Targeting breast cancer resistance protein (BCRP/ABCG2): Functional inhibitors and expression modulators. <i>European Journal of Medicinal Chemistry</i> , 2022, 237, 114346.	2.6	22
704	Lapatinib Suppresses HER2-Overexpressed Cholangiocarcinoma and Overcomes ABCB1â€™ Mediated Gemcitabine Chemoresistance. <i>Frontiers in Oncology</i> , 2022, 12, 860339.	1.3	6

#	ARTICLE	IF	CITATIONS
705	Exploration of novel phthalazinone derivatives as potential efflux transporter inhibitors for reversing multidrug resistance and improving the oral absorption of paclitaxel. <i>European Journal of Medicinal Chemistry</i> , 2022, 233, 114231.	2.6	7
706	Harnessing the power of sphingolipids: Prospects for acute myeloid leukemia. <i>Blood Reviews</i> , 2022, 55, 100950.	2.8	9
707	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.	2.5	4
708	Transcriptomics, molecular docking, and cross-resistance profiling of nobiletin in cancer cells and synergistic interaction with doxorubicin upon SOX5 transfection. <i>Phytomedicine</i> , 2022, 100, 154064.	2.3	3
709	Inhibition of ABCG2 transporter by lapatinib enhances 5-aminolevulinic acid-mediated protoporphyrin IX fluorescence and photodynamic therapy response in human glioma cell lines. <i>Biochemical Pharmacology</i> , 2022, 200, 115031.	2.0	12
710	Combination microRNA-based cellular reprogramming with paclitaxel enhances therapeutic efficacy in a relapsed and multidrug-resistant model of epithelial ovarian cancer. <i>Molecular Therapy - Oncolytics</i> , 2022, 25, 57-68.	2.0	11
711	Characterization and tissue localization of zebrafish homologs of the human ABCB1 multidrug transporter. <i>Scientific Reports</i> , 2021, 11, 24150.	1.6	15
712	Elevated N-Glycosylation Contributes to the Cisplatin Resistance of Non-Small Cell Lung Cancer Cells Revealed by Membrane Proteomic and Glycoproteomic Analysis. <i>Frontiers in Pharmacology</i> , 2021, 12, 805499.	1.6	16
713	Novel ADCs and Strategies to Overcome Resistance to Anti-HER2 ADCs. <i>Cancers</i> , 2022, 14, 154.	1.7	30
714	Asymmetric drug binding in an ATP-loaded inward-facing state of an ABC transporter. <i>Nature Chemical Biology</i> , 2022, 18, 226-235.	3.9	15
715	Natural Peptides Inducing Cancer Cell Death: Mechanisms and Properties of Specific Candidates for Cancer Therapeutics. <i>Molecules</i> , 2021, 26, 7453.	1.7	19
716	Near-infrared light-triggered nano-prodrug for cancer gas therapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 443.	4.2	31
717	Chalcones against the hallmarks of cancer: a mini-review. <i>Natural Product Research</i> , 2022, 36, 4803-4820.	1.0	7
718	Comparison of Anticancer Drug Toxicities: Paradigm Shift in Adverse Effect Profile. <i>Life</i> , 2022, 12, 48.	1.1	49
719	Polyoxovanadates as new P-glycoprotein inhibitors: insights into the mechanism of inhibition. <i>FEBS Letters</i> , 2022, 596, 381-399.	1.3	3
720	Isoflavones in Soybean as a Daily Nutrient: The Mechanisms of Action and How They Alter the Pharmacokinetics of Drugs. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2021, 18, 799-810.	0.6	5
721	MET inhibitor tepotinib antagonizes multidrug resistance mediated by ABCG2 transporter: In vitro and in vivo study. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2609-2618.	5.7	7
722	Crystal structure of CmABCB1 multi-drug exporter in lipidic mesophase revealed by LCP-SFX. <i>IUCr</i> , 2022, 9, 134-145.	1.0	2

#	ARTICLE	IF	CITATIONS
723	Understanding Drug Sensitivity and Tackling Resistance in Cancer. <i>Cancer Research</i> , 2022, 82, 1448-1460.	0.4	24
724	Overcoming Multidrug Resistance (MDR): Design, Biological Evaluation and Molecular Modelling Studies of 2,4-Substituted Quinazoline Derivatives. <i>ChemMedChem</i> , 2022, 17, .	1.6	6
725	New Genetic Bomb Trigger: Design, Synthesis, Molecular Dynamics Simulation, and Biological Evaluation of Novel BIBR1532-Related Analogs Targeting Telomerase against Non-Small Cell Lung Cancer. <i>Pharmaceutics</i> , 2022, 15, 481.	1.7	10
740	ABCB1 as a potential beneficial target of midostaurin in acute myeloid leukemia. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 112962.	2.5	4
741	Tailored protein-conjugated DNA nanoplatfor for synergistic cancer therapy. <i>Journal of Controlled Release</i> , 2022, 346, 250-259.	4.8	8
742	Nanocarrier-based co-delivery approaches of chemotherapeutics with natural P-glycoprotein inhibitors in the improvement of multidrug resistance cancer therapy. <i>Journal of Drug Targeting</i> , 2022, 30, 801-818.	2.1	3
743	Inhibitory effect of PI3KÎ inhibitor idelalisib on proliferation of human myeloid leukemia cells and the reversal effect on drug resistance to adriamycin. <i>Journal of Central South University (Medical) Tj ETQq0 0 0 rgBT /Overlock 10Tf 50 497</i>		
744	Strategies to gain novel Alzheimer's disease diagnostics and therapeutics using modulators of ABCA transporters.. <i>Free Neuropathology</i> , 2021, 2, .	2.4	9
745	Apatinib inhibits paclitaxel resistance of gastric carcinoma cells through VEGFR2 pathway.. <i>American Journal of Translational Research (discontinued)</i> , 2022, 14, 421-431.	0.0	0
746	ÂÂÂ-Wine-Processed Chuanxiong Rhizoma Combined with Aumolertinib for the Treatment of Brain Metastasis in Non-Small Cell Lung Cancer. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
747	Natural Products and Their Bioactive Compounds as Chemotherapeutics. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2022, , 187-213.	0.1	0
748	RCCS Bioreactor-Based Modeled Microgravity Affects Gastric Cancer Cells and Improves the Chemotherapeutic Effect. <i>Membranes</i> , 2022, 12, 448.	1.4	5
750	New and Emerging Research on Solute Carrier and ATP Binding Cassette Transporters in Drug Discovery and Development: Outlook From the International Transporter Consortium. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 112, 540-561.	2.3	16
751	Association of P-glycoprotein expression and response to anthracycline-based neoadjuvant chemotherapy in locally advanced breast cancer. <i>Medical Journal of Indonesia</i> , 2022, 31, 62-9.	0.2	0
752	Targeting Sphingolipid Metabolism as a Therapeutic Strategy in Cancer Treatment. <i>Cancers</i> , 2022, 14, 2183.	1.7	27
753	DNA Copy Number Aberrations and Expression of ABC Transporter Genes in Breast Tumour: Correlation with the Effect of Neoadjuvant Chemotherapy and Prognosis of the Disease. <i>Pharmaceutics</i> , 2022, 14, 948.	2.0	3
754	Current Strategies to Enhance Delivery of Drugs across the Bloodâ€“Brain Barrier. <i>Pharmaceutics</i> , 2022, 14, 987.	2.0	44
755	Role of the Pro-Inflammatory Tumor Microenvironment in Extracellular Vesicle-Mediated Transfer of Therapy Resistance. <i>Frontiers in Oncology</i> , 2022, 12, .	1.3	7

#	ARTICLE	IF	CITATIONS
756	Drug resistance in cancer therapy: the Pandora's Box of cancer stem cells. <i>Stem Cell Research and Therapy</i> , 2022, 13, 181.	2.4	33
757	Clinical Implications of Altered Drug Transporter Abundance/Function and <scp>PBPK</scp> Modeling in Specific Populations: An <scp>ITC</scp> Perspective. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 112, 501-526.	2.3	21
758	Exploring Natural Product Activity and Species Source Candidates for Hunting ABCB1 Transporter Inhibitors: An In Silico Drug Discovery Study. <i>Molecules</i> , 2022, 27, 3104.	1.7	12
759	Persistent Properties of a Subpopulation of Cancer Cells Overexpressing the Hedgehog Receptor Patched. <i>Pharmaceutics</i> , 2022, 14, 988.	2.0	2
760	The V-ATPases in cancer and cell death. <i>Cancer Gene Therapy</i> , 2022, 29, 1529-1541.	2.2	26
761	P-glycoprotein Mediates Resistance to the Anaplastic Lymphoma Kinase Inhibitor Ensartinib in Cancer Cells. <i>Cancers</i> , 2022, 14, 2341.	1.7	6
762	Ordered micropattern arrays fabricated by lung-derived dECM hydrogels for chemotherapeutic drug screening. <i>Materials Today Bio</i> , 2022, 15, 100274.	2.6	9
763	Advances in designing of polymeric micelles for biomedical application in brain related diseases. <i>Chemico-Biological Interactions</i> , 2022, 361, 109960.	1.7	21
764	Biotransformation of graphene oxide within lung fluids could intensify its synergistic biotoxicity effect with cadmium by inhibiting cellular efflux of cadmium. <i>Environmental Pollution</i> , 2022, 306, 119421.	3.7	2
765	FOXO3a in cancer drug resistance. <i>Cancer Letters</i> , 2022, 540, 215724.	3.2	37
766	Stepwise responsive carboxymethyl chitosan-based nanoplatform for effective drug-resistant breast cancer suppression. <i>Carbohydrate Polymers</i> , 2022, 291, 119554.	5.1	16
768	Targeted delivery and enhanced uptake of chemo-photodynamic nanomedicine for melanoma treatment. <i>Acta Biomaterialia</i> , 2022, 147, 356-365.	4.1	18
769	Laser-responsive multi-functional nanoparticles for efficient combinational chemo-photodynamic therapy against breast cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, , 112574.	2.5	8
770	Exosomes and their roles in the chemoresistance of pancreatic cancer. <i>Cancer Medicine</i> , 2022, 11, 4979-4988.	1.3	11
771	The role of ATP-binding cassette transporter genes in the metastatic process of epithelial thyroid carcinoma with aggressive behavior. , 2022, , 265-275.		0
773	Development of Simple and Accurate in Silico Ligand-Based Models for Predicting ABCG2 Inhibition. <i>Frontiers in Chemistry</i> , 2022, 10, .	1.8	0
774	Structure-Activity Relationships of 8-Hydroxyquinoline-Derived Mannich Bases with Tertiary Amines Targeting Multidrug-Resistant Cancer. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7729-7745.	2.9	19
775	Fucoxanthin Is a Potential Therapeutic Agent for the Treatment of Breast Cancer. <i>Marine Drugs</i> , 2022, 20, 370.	2.2	12

#	ARTICLE	IF	CITATIONS
776	Fatty acid oxidation protects cancer cells from apoptosis by increasing mitochondrial membrane lipids. <i>Cell Reports</i> , 2022, 39, 110870.	2.9	31
777	Synthesis and Anticancer Properties of New 3-Methylidene-1-sulfonyl-2,3-dihydroquinolin-4(1H)-ones. <i>Molecules</i> , 2022, 27, 3597.	1.7	1
778	The human ATP-binding cassette (ABC) transporter superfamily. <i>Human Mutation</i> , 2022, 43, 1162-1182.	1.1	45
779	Itraconazole Reverts ABCB1-Mediated Docetaxel Resistance in Prostate Cancer. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	8
780	Clioquinol as an inhibitor of JmjC-histone demethylase exhibits common and unique histone methylation and transcriptome between clioquinol and hypoxia. <i>IScience</i> , 2022, , 104517.	1.9	1
781	Interaction of crown ethers with the ABCG2 transporter and their implication for multidrug resistance reversal. <i>Histochemistry and Cell Biology</i> , 0, , .	0.8	3
782	A New Twist in ABC Transporter Mediated Multidrug Resistance – Pdr5 is a Drug/proton Co-transporter. <i>Journal of Molecular Biology</i> , 2022, 434, 167669.	2.0	6
783	Hypercholesterolemia reduces the expression and function of hepatic drug metabolizing enzymes and transporters in rats. <i>Toxicology Letters</i> , 2022, 364, 1-11.	0.4	4
784	Silencing PLOD2 attenuates cancer stem cell-like characteristics and cisplatin-resistant through Integrin β 1 in laryngeal cancer. <i>Translational Oncology</i> , 2022, 22, 101460.	1.7	6
785	LncRNA <i>SNHG16</i> promotes colorectal cancer proliferation by regulating ABCB1 expression through sponging miR-214-3p. <i>Journal of Biomedical Research</i> , 2022, 36, 231.	0.7	3
786	Drug Distribution. , 2022, , 349-356.		0
788	<i>In silico</i> screening of c-Met tyrosine kinase inhibitors targeting nucleotide and drug-substrate binding sites of ABCB1 as potential MDR reversal agents. <i>Journal of Receptor and Signal Transduction Research</i> , 2022, 42, 549-561.	1.3	4
789	Identification and verification of the role of crucial genes through which methionine restriction inhibits the progression of colon cancer cells. <i>Oncology Letters</i> , 2022, 24, .	0.8	1
790	Ezrin gone rogue in cancer progression and metastasis: An enticing therapeutic target. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2022, 1877, 188753.	3.3	10
791	Addressing Doxorubicin Resistance in Bone Sarcomas Using Novel Drug-Resistant Models. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6425.	1.8	5
792	Ruthenium(II)-Cyclopentadienyl-Derived Complexes as New Emerging Anti-Colorectal Cancer Drugs. <i>Pharmaceutics</i> , 2022, 14, 1293.	2.0	9
793	Generation of a homozygous mutant drug transporter (ABCB1) knockout line in the sea urchin <i>Lytechinus pictus</i> . <i>Development (Cambridge)</i> , 2022, 149, .	1.2	13
794	An Oral 3D Printed PLGA-Tocopherol PEG Succinate Nanocomposite Hydrogel for High-Dose Methotrexate Delivery in Maintenance Chemotherapy. <i>Biomedicines</i> , 2022, 10, 1470.	1.4	7

#	ARTICLE	IF	CITATIONS
795	Calcium-chelated nanosystem reversing cancer chemoresistance via replenishing intracellular calcium ions. <i>Chemical Engineering Journal</i> , 2022, 448, 137500.	6.6	6
796	Cancer multidrug-resistance reversal by ABCB1 inhibition: A recent update. <i>European Journal of Medicinal Chemistry</i> , 2022, 239, 114542.	2.6	60
797	Predicting Hearing Loss in Testicular Cancer Patients after Cisplatin-Based Chemotherapy. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
798	Target-Agnostic P-Glycoprotein Assessment Yields Strategies to Evade Efflux, Leading to a BRAF Inhibitor with Intracranial Efficacy. <i>Journal of the American Chemical Society</i> , 2022, 144, 12367-12380.	6.6	6
799	Solid-State NMR Reveals Asymmetric ATP Hydrolysis in the Multidrug ABC Transporter BmrA. <i>Journal of the American Chemical Society</i> , 2022, 144, 12431-12442.	6.6	13
800	A 3D Osteosarcoma Model with Bone-Mimicking Cues Reveals a Critical Role of Bone Mineral and Informs Drug Discovery. <i>Advanced Healthcare Materials</i> , 2022, 11, .	3.9	6
801	Drug Resistance Mechanisms of Acute Myeloid Leukemia Stem Cells. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	14
802	Identification and pharmacological modification of resistance mechanisms to protoporphyrin-mediated photodynamic therapy in human cutaneous squamous cell carcinoma cell lines. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 39, 103004.	1.3	4
803	Chemophototherapeutic Ablation of Doxorubicin-Resistant Human Ovarian Tumor Cells. <i>Photochemistry and Photobiology</i> , 2023, 99, 844-849.	1.3	1
804	Integrated Bioinformatics Analysis of the Hub Genes Involved in Irinotecan Resistance in Colorectal Cancer. <i>Biomedicines</i> , 2022, 10, 1720.	1.4	3
805	Reticulocalbin 3: A Ca ²⁺ homeostasis regulator that promotes esophageal squamous cell carcinoma progression and cisplatin resistance. <i>Cancer Science</i> , 2022, 113, 3593-3607.	1.7	6
806	Insight into the potential candidate genes and signaling pathways involved in lymphoma disease in dogs using a comprehensive whole blood transcriptome analysis. <i>Gene</i> , 2022, 838, 146735.	1.0	2
807	Nanoparticles-Based Strategies to Improve the Delivery of Therapeutic Small Interfering RNA in Precision Oncology. <i>Pharmaceutics</i> , 2022, 14, 1586.	2.0	12
808	Drug Repurposing, a Fast-Track Approach to Develop Effective Treatments for Glioblastoma. <i>Cancers</i> , 2022, 14, 3705.	1.7	6
809	The emergence of the calvarial hematopoietic niche in health and disease. <i>Immunological Reviews</i> , 2022, 311, 26-38.	2.8	6
810	Assessment of mechanism involved in the apoptotic and anti-cancer activity of Quercetin and Quercetin-loaded chitosan nanoparticles. , 2022, 39, .		9
811	Non-coding RNA in cancer drug resistance: Underlying mechanisms and clinical applications. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	31
812	Reducing Chemo-/Radioresistance to Boost the Therapeutic Efficacy against Temozolomide-Resistant Glioblastoma. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 38617-38630.	4.0	10

#	ARTICLE	IF	CITATIONS
813	Loss of VOPP1 Contributes to BET Inhibitor Acquired Resistance in Non-“Small Cell Lung Cancer Cells. <i>Molecular Cancer Research</i> , 2022, 20, 1785-1798.	1.5	2
814	Augmented Therapeutic Potential of EC-Synthetic Retinoids in Caco-2 Cancer Cells Using an In Vitro Approach. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9442.	1.8	2
815	Screening of co-pathogenic genes of non-alcoholic fatty liver disease and hepatocellular carcinoma. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	0
816	The role of hypoxia-inducible factor-1 alpha in multidrug-resistant breast cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	21
817	Biomimetic Total Synthesis of (+)-Nocardiozine B and Analogs. <i>Journal of Organic Chemistry</i> , 2022, 87, 11519-11533.	1.7	5
818	Real-life second-line epirubicin-paclitaxel regimen as treatment of relapsed small-cell lung cancer: EpiTax study. <i>Cancer Medicine</i> , 2023, 12, 2658-2665.	1.3	5
819	In Vitro Cytotoxic Activity of African Plants: A Review. <i>Molecules</i> , 2022, 27, 4989.	1.7	12
820	Combinatorial delivery of Ribociclib and green tea extract mediated nanostructured lipid carrier for oral delivery for the treatment of breast cancer synchronising <i>in silico</i> , <i>in vitro</i> , and <i>in vivo</i> studies. <i>Journal of Drug Targeting</i> , 0, , 1-22.	2.1	4
821	Isocitrate dehydrogenase 2 inhibitor enasidenib synergizes daunorubicin cytotoxicity by targeting aldo-keto reductase 1C3 and ATP-binding cassette transporters. <i>Archives of Toxicology</i> , 2022, 96, 3265-3277.	1.9	3
822	Overcoming multidrug resistance through targeting ABC transporters: lessons for drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2022, 17, 1013-1027.	2.5	8
823	Unblinding the watchmaker: cancer treatment and drug design in the face of evolutionary pressure. <i>Expert Opinion on Drug Discovery</i> , 2022, 17, 1081-1094.	2.5	1
824	Updated chemical scaffolds of ABCG2 inhibitors and their structure-inhibition relationships for future development. <i>European Journal of Medicinal Chemistry</i> , 2022, 241, 114628.	2.6	12
825	3D-printed surgical wound dressing for prolonged 5-fluorouracil delivery from pluronic blending composites. <i>Materials Today Communications</i> , 2022, 33, 104284.	0.9	2
826	Development of fullerene nanospherical miRNA and application in overcoming resistant breast cancer. <i>Materials Today Chemistry</i> , 2022, 26, 101019.	1.7	5
827	Association of a genetic variant in the ATP-binding cassette sub-family B member 1 with risk of cervical cancer. , 2022, 34, 201097.		0
828	Heat-Generating Mn _{0.5} Zn _{0.5} Fe ₂ O ₄ /MWCNTs nanocomposites for enhancing hyperthermia efficacy in magnetic hyperthermia applications. <i>Journal of Alloys and Compounds</i> , 2022, 926, 166806.	2.8	8
829	The WD repeat-containing protein 5 (WDR5) antagonist WDR5-0103 restores the efficacy of cytotoxic drugs in multidrug-resistant cancer cells overexpressing ABCB1 or ABCG2. <i>Biomedicine and Pharmacotherapy</i> , 2022, 154, 113663.	2.5	5
830	Erythrocyte membrane camouflaged siRNA/chemodrug nanoassemblies for cancer combination therapy. <i>Biomaterials Science</i> , 2022, 10, 6601-6613.	2.6	9

#	ARTICLE	IF	CITATIONS
831	Extract of <i>Codiaeum luzonicum</i> Merr. overcomes multidrug resistance in human colon cancer cells by modulating P-glycoprotein. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2022, 12, 400.	0.5	0
832	Drug and apoptosis resistance in cancer stem cells (CSCs): A puzzle with many pieces. <i>Cancer Drug Resistance (Alhambra, Calif)</i> , 2022, 5, 850-72.	0.9	14
833	Nanoparticle-induced chemoresistance: the emerging modulatory effects of engineered nanomaterials on human intestinal cancer cell redox metabolic adaptation. <i>Nanoscale</i> , 2022, 14, 14491-14507.	2.8	4
834	Anti-cancer Nanotechnology. <i>Micro/Nano Technologies</i> , 2022, , 1-50.	0.1	0
835	Publication trends and hotspots of drug resistance in colorectal cancer during 2002-2021: A bibliometric and visualized analysis. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	4
836	CC Chemokine Ligand-2: A Promising Target for Overcoming Anticancer Drug Resistance. <i>Cancers</i> , 2022, 14, 4251.	1.7	4
837	Expression and Function of ABC Transporters in Human Alveolar Epithelial Cells. <i>Biomolecules</i> , 2022, 12, 1260.	1.8	4
839	In vitro bioactivity and gene silencing effect of shRNA-VEGF loaded chitosan nanoparticles. <i>T̂¼rk Fen Ve SaĀk Dergisi</i> , 0, , .	0.0	0
840	ABCC1 transporter exports the immunostimulatory cyclic dinucleotide cGAMP. <i>Immunity</i> , 2022, 55, 1799-1812.e4.	6.6	39
841	Inhibition of EGFR Overcomes Acquired Lenvatinib Resistance Driven by STAT3â€ABCB1 Signaling in Hepatocellular Carcinoma. <i>Cancer Research</i> , 2022, 82, 3845-3857.	0.4	26
842	Managing Cancer Drug Resistance from the Perspective of Inflammation. <i>Journal of Oncology</i> , 2022, 2022, 1-13.	0.6	3
843	Protein tyrosine kinase inhibitor resistance in malignant tumors: molecular mechanisms and future perspective. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	51
844	Molecular design, synthesis and biological evaluation of novel 1,2,5-trisubstituted benzimidazole derivatives as cytotoxic agents endowed with ABCB1 inhibitory action to overcome multidrug resistance in cancer cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 2710-2724.	2.5	1
845	Targeting JWA for Cancer Therapy: Functions, Mechanisms and Drug Discovery. <i>Cancers</i> , 2022, 14, 4655.	1.7	4
846	Atom engineering-regulated in situ transition of Cu(I)-Cu(II) for efficiently overcoming cancer drug resistance. <i>Science China Chemistry</i> , 2022, 65, 1879-1884.	4.2	8
847	Advances in Pharmacokinetic Mechanisms of Transporter-Mediated Herb-Drug Interactions. <i>Pharmaceuticals</i> , 2022, 15, 1126.	1.7	3
848	<i>In silico</i> drug repurposing and lipid bilayer molecular dynamics puzzled out potential breast cancer resistance protein (BCRP/ABCG2) inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 0, , 1-14.	2.0	2
849	Mechanism underlying circRNA dysregulation in the TME of digestive system cancer. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	5

#	ARTICLE	IF	CITATIONS
850	Cancer-type organic anion transporting polypeptide 1B3 (Ct-OATP1B3) is localized in lysosomes and mediates resistance against kinase inhibitors. Molecular Pharmacology, 0, , MOLPHARM-AR-2022-000539.	1.0	3
852	Adagrasib, a KRAS G12C inhibitor, reverses the multidrug resistance mediated by ABCB1 in vitro and in vivo. Cell Communication and Signaling, 2022, 20, .	2.7	8
853	Chemoresistance-Related Stem Cell Signaling in Osteosarcoma and Its Plausible Contribution to Poor Therapeutic Response: A Discussion That Still Matters. International Journal of Molecular Sciences, 2022, 23, 11416.	1.8	6
854	Co-administration of MDR1 and BCRP or EGFR/PI3K inhibitors overcomes lenvatinib resistance in hepatocellular carcinoma. Frontiers in Oncology, 0, 12, .	1.3	8
855	FGF1 protects FGFR1-overexpressing cancer cells against drugs targeting tubulin polymerization by activating AKT via two independent mechanisms. Frontiers in Oncology, 0, 12, .	1.3	5
856	Enhanced antitumor effect of doxorubicin through active-targeted nanoparticles in doxorubicin-resistant triple-negative breast cancer. Journal of Drug Delivery Science and Technology, 2022, 77, 103845.	1.4	2
857	<scp>ERBB</scp> and P-glycoprotein inhibitors break resistance in relapsed neuroblastoma models through P-glycoprotein. Molecular Oncology, 0, , .	2.1	0
858	Discovery of a novel highly potent and low-toxic jatrophone derivative enhancing the P-glycoprotein-mediated doxorubicin sensitivity of MCF-7/ADR cells. European Journal of Medicinal Chemistry, 2022, 244, 114822.	2.6	2
859	Surface engineered AuNPs for paclitaxel-loaded bleomycin delivery as a supplementation therapy. Applied Nanoscience (Switzerland), 0, , .	1.6	0
860	PI3K/AKT signaling pathway as a critical regulator of Cisplatin response in tumor cells. Oncology Research, 2021, 29, 235-250.	0.6	15
861	A pH-responsive, endosomolytic liposome functionalized with membrane-anchoring, comb-like pseudopeptides for enhanced intracellular delivery and cancer treatment. Biomaterials Science, 2022, 10, 6718-6730.	2.6	6
862	Differential ABC transporter expression during hematopoiesis contributes to neutrophil-biased toxicity of Aurora kinase inhibitors. Nature Communications, 2022, 13, .	5.8	2
863	The synthetic lethality of targeting cell cycle checkpoints and PARPs in cancer treatment. Journal of Hematology and Oncology, 2022, 15, .	6.9	20
864	An Insight into Molecular Targets of Breast Cancer Brain Metastasis. International Journal of Molecular Sciences, 2022, 23, 11687.	1.8	5
865	Flavonoids for the Treatment of Breast Cancer, Present Status and Future Prospective. Anti-Cancer Agents in Medicinal Chemistry, 2023, 23, 658-675.	0.9	4
866	DRESIS: the first comprehensive landscape of drug resistance information. Nucleic Acids Research, 2023, 51, D1263-D1275.	6.5	28
868	Effect of Genotype on the Pharmacokinetics and Bleeding Events of Direct Oral Anticoagulants: A Systematic Review and Meta-analysis. Journal of Clinical Pharmacology, 0, , .	1.0	0
869	Hydroxygenkwanin Improves the Efficacy of Cytotoxic Drugs in ABCG2-Overexpressing Multidrug-Resistant Cancer Cells. International Journal of Molecular Sciences, 2022, 23, 12763.	1.8	0

#	ARTICLE	IF	CITATIONS
870	Application of synthetic biology in bladder cancer. Chinese Medical Journal, 0, Publish Ahead of Print, .	0.9	0
871	Rosmarinic Acid and Related Dietary Supplements: Potential Applications in the Prevention and Treatment of Cancer. Biomolecules, 2022, 12, 1410.	1.8	15
872	Role of natural P-gp inhibitor in the effective delivery for chemotherapeutic agents. Journal of Cancer Research and Clinical Oncology, 2023, 149, 367-391.	1.2	11
873	The Role of MARCKS in Metastasis and Treatment Resistance of Solid Tumors. Cancers, 2022, 14, 4925.	1.7	6
874	Targeted coâ€delivery of paclitaxel and anti Pâ€gp <sc>shRNA</sc> by low molecular weight <sc>PEI</sc> decorated with Lâ€3,4â€dihydroxyphenylalanine. Biotechnology Progress, 2023, 39, .	1.3	1
875	Characterization of EGFR-reprogrammable temozolomide-resistant cells in a model of glioblastoma. Cell Death Discovery, 2022, 8, .	2.0	7
876	Metformin Improves Ovarian Cancer Sensitivity to Paclitaxel and Platinum-Based Drugs: A Review of In Vitro Findings. International Journal of Molecular Sciences, 2022, 23, 12893.	1.8	37
877	COVID-19 drugs: potential interaction with ATP-binding cassette transporters P-glycoprotein and breast cancer resistance protein. Journal of Pharmaceutical Investigation, 0, , .	2.7	1
878	Label-Free Quantitative Proteomics Analysis of Adriamycin Selected Multidrug Resistant Human Lung Cancer Cells. Biomolecules, 2022, 12, 1401.	1.8	4
879	New Dual P-Glycoprotein (P-gp) and Human Carbonic Anhydrase XII (hCA XII) Inhibitors as Multidrug Resistance (MDR) Reversers in Cancer Cells. Journal of Medicinal Chemistry, 2022, 65, 14655-14672.	2.9	9
880	Nanoengineering a Zeolitic Imidazolate Frameworkâ€8 Capable of Manipulating Energy Metabolism against Cancer Chemoâ€Phototherapy Resistance. Small, 2022, 18, .	5.2	18
881	Role of Nanotechnology in Overcoming the Multidrug Resistance in Cancer Therapy: A Review. Molecules, 2022, 27, 6608.	1.7	7
882	The potential effects and mechanisms of Gegen Qinlian Decoction in oxaliplatin-resistant colorectal cancer based on network pharmacology. Heliyon, 2022, 8, e11305.	1.4	2
883	Synthesis, characterization, and radiosynthesis of fluorine-18-AVT-011 as a Pgp chemoresistance imaging marker. Scientific Reports, 2022, 12, .	1.6	1
884	Dual tumor- and subcellular-targeted photodynamic therapy using glucose-functionalized MoS2 nanoflakes for multidrug-resistant tumor ablation. Biomaterials, 2022, 290, 121844.	5.7	13
885	Reciprocal interplays between MicroRNAs and pluripotency transcription factors in dictating stemness features in human cancers. Seminars in Cancer Biology, 2022, 87, 1-16.	4.3	6
886	Optimization of Physicochemical Properties of Polymeric Nanoparticles for Targeting Solid Tumors. Environmental Chemistry for A Sustainable World, 2022, , 103-125.	0.3	0
887	Convergent synthesis of tetrahydropyranyl side chain of verucopeptin, an antitumor antibiotic active against multidrug-resistant cancers. Chemical Communications, 2022, 58, 13447-13450.	2.2	2

#	ARTICLE	IF	CITATIONS
888	Identification of a novel prognostic ADME-related signature associated with tumor immunity for aiding therapy in head and neck squamous cell carcinoma. <i>Cancer Gene Therapy</i> , 0, , .	2.2	0
889	Multidimensional Quantitative Measurement of Cancer Chemoresistance through Differential ZIF-8 Nanoparticle Cellular Retention. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 51798-51807.	4.0	1
890	Curcumin: A Novel Way to Improve Quality of Life for Colorectal Cancer Patients?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14058.	1.8	2
891	Glutathione Transferase P1: Potential Therapeutic Target in Ovarian Cancer. <i>Medicina (Lithuania)</i> , 2022, 58, 1660.	0.8	2
893	A highly potent small-molecule antagonist of exportin-1 selectively eliminates CD44+CD24- enriched breast cancer stem-like cells. <i>Drug Resistance Updates</i> , 2023, 66, 100903.	6.5	7
894	The c-MYC-WDR43 signalling axis promotes chemoresistance and tumour growth in colorectal cancer by inhibiting p53 activity. <i>Drug Resistance Updates</i> , 2023, 66, 100909.	6.5	9
895	CCT251545 enhances drug delivery and potentiates chemotherapy in multidrug-resistant cancers by Rac1-mediated macropinocytosis. <i>Drug Resistance Updates</i> , 2023, 66, 100906.	6.5	7
896	Clinical Research on Drug Combination Based on Elemene. , 2023, , 215-242.		0
897	Synthesis, biological evaluation and molecular docking studies of novel pyrrolo[2,3-d]pyrimidin-2-amine derivatives as EGFR inhibitors. <i>Journal of Molecular Structure</i> , 2023, 1275, 134728.	1.8	6
898	Nanoelectropulse delivery for cell membrane perturbation and oxidation in human colon adenocarcinoma cells with drug resistance. <i>Bioelectrochemistry</i> , 2023, 150, 108356.	2.4	2
899	Comprehensive Analysis of Circular RNA Expression Profiles in Gefitinib-Resistant Lung Adenocarcinoma Patients. <i>Technology in Cancer Research and Treatment</i> , 2022, 21, 153303382211391.	0.8	1
900	Encorafenib Acts as a Dual-Activity Chemosensitizer through Its Inhibitory Effect on ABCC1 Transporter In Vitro and Ex Vivo. <i>Pharmaceutics</i> , 2022, 14, 2595.	2.0	2
901	Olaparib Conjugates with Selenopheno[3,2-c]quinolinone Inhibit PARP1 and Reverse ABCB1-Related Multidrug Resistance. <i>Pharmaceutics</i> , 2022, 14, 2571.	2.0	2
902	A Novel Protocol for the Synthesis of 1,2,4-Oxadiazoles Active against Trypanosomatids and Drug-Resistant Leukemia Cell Lines. <i>Tropical Medicine and Infectious Disease</i> , 2022, 7, 403.	0.9	2
903	Biological role of matrix stiffness in tumor growth and treatment. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	39
904	Prognostic and Predictive Significance of mRNA Expression of ABC-transporter Genes in Patients with Non-small Cell Lung Cancer. <i>Drug Development and Registration</i> , 2022, 11, 253-260.	0.2	0
905	ATP Mimetic Attack on the Nucleotide-Binding Domain to Overcome ABC Transporter Mediated Chemoresistance. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 1848-1855.	1.3	3
906	Expression heterogeneity of ABC-transporter family genes and chemosensitivity genes in gastric tumor, carcinomatosis and lymph node metastases. <i>Uspehi Molekularnoj Onkologii</i> , 2022, 9, 78-88.	0.1	0

#	ARTICLE	IF	CITATIONS
907	A Pan-Cancer Landscape of ABCG2 across Human Cancers: Friend or Foe?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15955.	1.8	2
908	Clusterbody Enables Flow Sorting-Assisted Single-Cell Mass Spectrometry Analysis for Identifying Reversal Agent of Chemoresistance. <i>Analytical Chemistry</i> , 0, , .	3.2	1
909	Untargeted metabolomics and lipidomics identified four subtypes of small cell lung cancer. <i>Metabolomics</i> , 2023, 19, .	1.4	2
910	Niclosamide as a Promising Therapeutic Player in Human Cancer and Other Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 16116.	1.8	8
911	Drug Resistance: The Role of Exosomal miRNA in the Microenvironment of Hematopoietic Tumors. <i>Molecules</i> , 2023, 28, 116.	1.7	5
912	Dual LSD1 and HDAC6 Inhibition Induces Doxorubicin Sensitivity in Acute Myeloid Leukemia Cells. <i>Cancers</i> , 2022, 14, 6014.	1.7	9
913	Shikonin enhances chemosensitivity of oral cancer through β -catenin pathway. <i>Oral Diseases</i> , 0, , .	1.5	1
914	Mechanisms of Drug Resistance in Ovarian Cancer and Associated Gene Targets. <i>Cancers</i> , 2022, 14, 6246.	1.7	17
915	The rise of viperin: the emerging role of viperin in cancer progression. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	3
916	Osteopontin and Cancer: Insights into Its Role in Drug Resistance. <i>Biomedicines</i> , 2023, 11, 197.	1.4	7
917	Interaction of a Homologous Series of Amphiphiles with P-glycoprotein in a Membrane Environment—Contributions of Polar and Non-Polar Interactions. <i>Pharmaceutics</i> , 2023, 15, 174.	2.0	3
918	A New ABCB1 Inhibitor Enhances the Anticancer Effect of Doxorubicin in Both In Vitro and In Vivo Models of NSCLC. <i>International Journal of Molecular Sciences</i> , 2023, 24, 989.	1.8	4
919	Anti-cancer Nanotechnology. <i>Micro/Nano Technologies</i> , 2023, , 389-438.	0.1	0
920	The More the Better—Investigation of Polymethoxylated N-Carboranyl Quinazolines as Novel Hybrid Breast Cancer Resistance Protein Inhibitors. <i>Pharmaceutics</i> , 2023, 15, 241.	2.0	4
921	The potential of using circulating tumour cells and their gene expression to predict docetaxel response in metastatic prostate cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	6
922	Interferon gamma regulates a complex pro-survival signal network in chronic lymphocytic leukemia. <i>European Journal of Haematology</i> , 2023, 110, 435-443.	1.1	0
923	Discovery of novel enasidenib analogues targeting inhibition of mutant isocitrate dehydrogenase 2 as antileukaemic agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2023, 38, .	2.5	5
924	Review on Bortezomib Resistance in Multiple Myeloma and Potential Role of Emerging Technologies. <i>Pharmaceutics</i> , 2023, 16, 111.	1.7	7

#	ARTICLE	IF	CITATIONS
925	Dual Nicotinamide Phosphoribosyltransferase (NAMPT) and Indoleamine 2,3-Dioxygenase 1 (IDO1) Inhibitors for the Treatment of Drug-Resistant Non-small-Cell Lung Cancer. <i>Journal of Medicinal Chemistry</i> , 2023, 66, 1027-1047.	2.9	10
926	Nanocracker capable of simultaneously reversing both P-glycoprotein and tumor microenvironment. <i>Journal of Controlled Release</i> , 2023, 354, 268-278.	4.8	1
927	The multimodal effect of Photothermal/Photodynamic/Chemo therapies mediated by Au-CoFe ₂ O ₄ @Spiky nanostructure adjacent to mitoxantrone on breast cancer cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2023, 41, 103269.	1.3	5
928	Secosteroid-quinoline hybrids as new anticancer agents. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2023, 228, 106245.	1.2	8
929	Synthesis and bioactivity evaluation of pachymic acid derivatives as potential cytotoxic agents. <i>Medicinal Chemistry Research</i> , 2023, 32, 342-354.	1.1	1
930	Screening Multidrug Resistance Reversal Agents in Traditional Chinese Medicines by Efflux Kinetics of D-Luciferin in MCF-7/DOX ^{Fluc} Cells. <i>ACS Omega</i> , 2023, 8, 4853-4861.	1.6	0
931	Combination Modality Using Quercetin to Enhance the Efficacy of Docetaxel in Prostate Cancer Cells. <i>Cancers</i> , 2023, 15, 902.	1.7	3
932	TPX2 enhances the transcription factor activation of PXR and enhances the resistance of hepatocellular carcinoma cells to antitumor drugs. <i>Cell Death and Disease</i> , 2023, 14, .	2.7	0
933	Upregulation of miR-101-3p Overcomes Ibrutinib Resistance by Targeting ABCC5 in Diffuse Large B-Cell Lymphoma (DLBCL). <i>Journal of Hard Tissue Biology</i> , 2023, 32, 11-20.	0.2	1
934	Pinostrobin and Tectochrysin Conquer Multidrug-Resistant Cancer Cells via Inhibiting P-Glycoprotein ATPase. <i>Pharmaceutics</i> , 2023, 16, 205.	1.7	4
935	The Role of Solute Carrier Transporters in Efficient Anticancer Drug Delivery and Therapy. <i>Pharmaceutics</i> , 2023, 15, 364.	2.0	5
936	Nanotheranostic Approach for Cancer Treatment. , 2023, , 1-32.		0
937	Protein degradation: expanding the toolbox to restrain cancer drug resistance. <i>Journal of Hematology and Oncology</i> , 2023, 16, .	6.9	11
938	The Mystery of Cancer Resistance: A Revelation Within Nature. <i>Journal of Molecular Evolution</i> , 2023, 91, 133-155.	0.8	3
939	Targeting epigenetic regulators to overcome drug resistance in cancers. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	42
940	Advancement in transporter-oriented nanoplatfoms for cancer therapy. <i>Journal of Drug Targeting</i> , 2023, 31, 456-470.	2.1	0
941	On-target inhibition of <i>Cryptosporidium parvum</i> by nitazoxanide (NTZ) and paclitaxel (PTX) validated using a novel MDR1-transgenic host cell model and algorithms to quantify the effect on the parasite target. <i>PLoS Neglected Tropical Diseases</i> , 2023, 17, e0011217.	1.3	0
942	ATP-binding cassette efflux transporters and MDR in cancer. <i>Drug Discovery Today</i> , 2023, 28, 103537.	3.2	24

#	ARTICLE	IF	CITATIONS
943	Overcoming Cancer Multi-drug Resistance (MDR): Reasons, mechanisms, nanotherapeutic solutions, and challenges. <i>Biomedicine and Pharmacotherapy</i> , 2023, 162, 114643.	2.5	26
944	5-Oxohexahydroquinolines bearing 4-pyridyl methyl carboxylate as P-glycoprotein inhibitors and multidrug resistance reversal agents in cancer cells. <i>Journal of Molecular Structure</i> , 2023, 1285, 135427.	1.8	1
945	Overcoming ABCB1-mediated multidrug resistance by transcription factor BHLHE40. <i>Neoplasia</i> , 2023, 39, 100891.	2.3	7
946	P-glycoprotein (ABCB1) - weak dipolar interactions provide the key to understanding allocrite recognition, binding, and transport. <i>Cancer Drug Resistance (Alhambra, Calif)</i> , 2022, 6, 1-29.	0.9	5
947	Effect of Cellular and Microenvironmental Multidrug Resistance on Tumor-Targeted Drug Delivery in Triple-Negative Breast cancer. <i>Journal of Controlled Release</i> , 2023, 354, 784-793.	4.8	4
949	Recent Advances in Supramolecular-Macrocyclic-Based Nanomaterials in Cancer Treatment. <i>Molecules</i> , 2023, 28, 1241.	1.7	2
950	OGG1 competitive inhibitors show important off-target effects by directly inhibiting efflux pumps and disturbing mitotic progression. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	3
951	Engineered Biosensors for Diagnosing Multidrug Resistance in Microbial and Malignant Cells. <i>Biosensors</i> , 2023, 13, 235.	2.3	6
952	Synergistic Combination of the Total Steroidal Saponins from the Berries of Black Nightshade and Adriamycin to Overcome Leukemia Multidrug Resistance. <i>Journal of Agricultural and Food Chemistry</i> , 2023, 71, 3315-3324.	2.4	3
953	Semi-Synthetic Dihydrotestosterone Derivatives Modulate Inherent Multidrug Resistance and Sensitize Colon Cancer Cells to Chemotherapy. <i>Pharmaceutics</i> , 2023, 15, 584.	2.0	0
955	Understanding common key indicators of successful and unsuccessful cancer drug trials using a contrast mining framework on ClinicalTrials.gov. <i>Journal of Biomedical Informatics</i> , 2023, 139, 104321.	2.5	3
956	ABC Transporters and CYP3A4 Mediate Drug Interactions between Enrofloxacin and Salinomycin Leading to Increased Risk of Drug Residues and Resistance. <i>Antibiotics</i> , 2023, 12, 403.	1.5	1
957	Natural Inhibitors of P-glycoprotein in Acute Myeloid Leukemia. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4140.	1.8	6
958	Current therapeutic approaches and promising perspectives of using bioengineered peptides in fighting chemoresistance in triple-negative breast cancer. <i>Biochemical Pharmacology</i> , 2023, 210, 115459.	2.0	7
959	Design, synthesis and biological evaluation of seco-DSP/DCK derivatives reversing P-glycoprotein-mediated paclitaxel resistance in A2780/T cells. <i>European Journal of Medicinal Chemistry</i> , 2023, 250, 115218.	2.6	3
960	Lipid environment determines the drug-stimulated ATPase activity of P-glycoprotein. <i>Frontiers in Molecular Biosciences</i> , 0, 10, .	1.6	2
961	Transcriptional Regulation of Liver-Type OATP1B3 (Lt-OATP1B3) and Cancer-Type OATP1B3 (Ct-OATP1B3) Studied in Hepatocyte-Derived and Colon Cancer-Derived Cell Lines. <i>Pharmaceutics</i> , 2023, 15, 738.	2.0	0
962	Relationship between bloodâ€‘brain barrier changes and drug metabolism under high-altitude hypoxia: obstacle or opportunity for drug transport?. <i>Drug Metabolism Reviews</i> , 2023, 55, 107-125.	1.5	1

#	ARTICLE	IF	CITATIONS
963	Simple monocyclic pyrimidine analogs as microtubule targeting agents binding to the colchicine site. <i>Bioorganic and Medicinal Chemistry</i> , 2023, 82, 117217.	1.4	4
964	Targeting p53 pathways: mechanisms, structures, and advances in therapy. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	62
965	Memory of stochastic single-cell apoptotic signaling promotes chemoresistance in neuroblastoma. <i>Science Advances</i> , 2023, 9, .	4.7	2
967	Circular RNAs in eukaryotic cells: origin, characteristics, mechanisms of molecular functioning in human malignant diseases. <i>Reviews on Clinical Pharmacology and Drug Therapy</i> , 2023, 20, 335-384.	0.2	2
968	Shc3 facilitates breast cancer drug resistance by interacting with <scp>ErbB2</scp> to initiate <scp>ErbB2</scp>/<scp>COX2</scp>/<scp>MDR1</scp> axis. <i>Cancer Medicine</i> , 2023, 12, 10768-10780.	1.3	3
969	Saikosaponin D reverses the epinephrine- and norepinephrine-induced gemcitabine resistance in intrahepatic cholangiocarcinoma by downregulating ADRB2/glycolysis signaling. <i>Acta Biochimica Et Biophysica Sinica</i> , 2023, , .	0.9	0
970	U-shaped association between serum <scp>IGF2BP3</scp> and <scp>T2DM</scp>: A cross-sectional study in Chinese population. <i>Journal of Diabetes</i> , 2023, 15, 349-361.	0.8	6
971	Unfolding Individual Domains of BmrA, a Bacterial ABC Transporter Involved in Multidrug Resistance. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5239.	1.8	1
972	Simplified Derivatives of Tetrandrine as Potent and Specific P-gp Inhibitors to Reverse Multidrug Resistance in Cancer Chemotherapy. <i>Journal of Medicinal Chemistry</i> , 2023, 66, 4086-4105.	2.9	6
973	Identification and Empiric Evaluation of New Inhibitors of the Multidrug Transporter P-Glycoprotein (ABCB1). <i>International Journal of Molecular Sciences</i> , 2023, 24, 5298.	1.8	5
974	Effectiveness of ALK inhibitors in treatment of CNS metastases in NSCLC patients. <i>Annals of Medicine</i> , 2023, 55, 1018-1028.	1.5	1
975	Research progress of traditional Chinese medicine as sensitizer in reversing chemoresistance of colorectal cancer. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	4
977	Toad venom-derived bufadienolides and their therapeutic application in prostate cancers: Current status and future directions. <i>Frontiers in Chemistry</i> , 0, 11, .	1.8	0
978	Assessment of verdinexor as a canine P-glycoprotein substrate. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2023, 46, 264-267.	0.6	2
979	Mucosal-associated invariant T cells in hematological malignancies: Current knowledge, pending questions. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	1
980	Estrogen Receptor β 4 Regulates Chemotherapy Resistance and Induces Cancer Stem Cells in Triple Negative Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5867.	1.8	5
981	Germline genetic variations in methotrexate pathway are associated with pharmacokinetics, outcome, and toxicity in patients with primary central nervous system lymphoma. <i>Expert Review of Clinical Pharmacology</i> , 2023, 16, 371-381.	1.3	2
982	DNA Repair and Therapeutic Strategies in Cancer Stem Cells. <i>Cancers</i> , 2023, 15, 1897.	1.7	6

#	ARTICLE	IF	CITATIONS
983	Development of a Novel Tool to Demystify Drug Distribution at Tissueâ€Blood Barriers. <i>ChemBioChem</i> , 0, , .	1.3	0
984	An Overview of In Vitro Assays of ⁶⁴ Cu-, ⁶⁸ Ga-, ¹²⁵ I-, and ^{99m} Tc-Labelled Radiopharmaceuticals Using Radiometric Counters in the Era of Radiotheranostics. <i>Diagnostics</i> , 2023, 13, 1210.	1.3	4
985	Research Progress of Nanomedicine-Based Mild Photothermal Therapy in Tumor. <i>International Journal of Nanomedicine</i> , 0, Volume 18, 1433-1468.	3.3	9
986	The Battlefield of Chemotherapy in Pediatric Cancers. <i>Cancers</i> , 2023, 15, 1963.	1.7	4
987	Natural Products as a Tool to Modulate the Activity and Expression of Multidrug Resistance Proteins of Intestinal Barrier. <i>Journal of Xenobiotics</i> , 2023, 13, 172-192.	2.9	5
988	Smart Nanosystems for Overcoming Multiple Biological Barriers in Cancer Nanomedicines Transport: Design Principles, Progress, and Challenges. <i>Small</i> , 2023, 19, .	5.2	4
989	ABCB1 and ABCG2 Regulation at the Blood-Brain Barrier: Potential New Targets to Improve Brain Drug Delivery. <i>Pharmacological Reviews</i> , 2023, 75, 815-853.	7.1	7
990	Paclitaxel resistance and nucleostemin upregulation in metastatic mouse breast cancer cells. <i>Minerva Biotechnology and Biomolecular Research</i> , 2023, 35, .	0.3	0
991	Near-infrared fluorescence imaging of hepatocellular carcinoma cells regulated by β -catenin signaling pathway. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	0
992	Application of nanotechnology in reversing therapeutic resistance and controlling metastasis of colorectal cancer. <i>World Journal of Gastroenterology</i> , 0, 29, 1911-1941.	1.4	0
993	Regulation of ABC transporters by sex steroids may explain differences in drug resistance between sexes. <i>Journal of Physiology and Biochemistry</i> , 2023, 79, 467-487.	1.3	1
994	ABCB1 and ABCG2 Overexpression Mediates Resistance to the Phosphatidylinositol 3-Kinase Inhibitor HS-173 in Cancer Cell Lines. <i>Cells</i> , 2023, 12, 1056.	1.8	3
995	New progress in the role of microRNAs in the diagnosis and prognosis of triple negative breast cancer. <i>Frontiers in Molecular Biosciences</i> , 0, 10, .	1.6	4
996	Pomiferin targets SERCA, mTOR, and P-gp to induce autophagic cell death in apoptosis-resistant cancer cells, and reverses the MDR phenotype in cisplatin-resistant tumors in vivo. <i>Pharmacological Research</i> , 2023, 191, 106769.	3.1	3
997	microRNA-660 Enhances Cisplatin Sensitivity via Decreasing SATB2 Expression in Lung Adenocarcinoma. <i>Genes</i> , 2023, 14, 911.	1.0	1
998	Characterization of Potent ABCG2 Inhibitor Derived from Chromone: From the Mechanism of Inhibition to Human Extracellular Vesicles for Drug Delivery. <i>Pharmaceutics</i> , 2023, 15, 1259.	2.0	0
999	The landscape of exosomal non-coding RNAs in breast cancer drug resistance, focusing on underlying molecular mechanisms. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	11
1000	NFR2/ABC transporter axis in drug resistance of breast cancer cells. <i>Molecular Biology Reports</i> , 2023, 50, 5407-5414.	1.0	5

#	ARTICLE	IF	CITATIONS
1001	Knockdown of BAP31 Overcomes Hepatocellular Carcinoma Doxorubicin Resistance through Downregulation of Survivin. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7622.	1.8	0
1002	5-Aminolevulinic Acid as a Theranostic Agent for Tumor Fluorescence Imaging and Photodynamic Therapy. <i>Bioengineering</i> , 2023, 10, 496.	1.6	5
1003	Deciphering STAT3 signaling potential in hepatocellular carcinoma: tumorigenesis, treatment resistance, and pharmacological significance. <i>Cellular and Molecular Biology Letters</i> , 2023, 28, .	2.7	8
1004	The influence of BCL2, BAX, and ABCB1 gene expression on prognosis of adult de novo acute myeloid leukemia with normal karyotype patients. <i>Radiology and Oncology</i> , 2023, 57, 239-248.	0.6	1
1005	Therapeutic vulnerabilities of cancer stem cells and effects of natural products. <i>Natural Product Reports</i> , 2023, 40, 1432-1456.	5.2	2
1009	Cell Microarray: An Approach to Evaluate Drug-Induced Alterations in Protein Expression. , 0, , 133-144.		0
1038	Molecular Pathways in Breast Cancer Chemoresistance. , 2023, , 1-24.		0
1039	Role of EGFR and FASN in breast cancer progression. <i>Journal of Cell Communication and Signaling</i> , 2023, 17, 1249-1282.	1.8	3
1059	Advances in the structure, mechanism and targeting of chemoresistance-linked ABC transporters. <i>Nature Reviews Cancer</i> , 2023, 23, 762-779.	12.8	12
1068	Cell plasticity modulation by flavonoids in resistant breast carcinoma targeting the nuclear factor kappa B signaling. <i>Cancer and Metastasis Reviews</i> , 0, , .	2.7	1
1084	Potential Pathways for Chemotherapy-Induced Cognitive Decline. , 2023, , 1-18.		0
1110	Role of cancer stem cells in maintenance of tumor heterogeneity in brain tumors. , 2024, , 165-184.		0
1111	Role of cancer stem cells in developing chemoresistance of solid tumor. , 2024, , 119-133.		0
1112	Signaling mechanisms of chemoresistance in breast cancer stem cells for therapeutics. , 2024, , 609-629.		0
1137	Role of Membrane Transporters in Pharmacogenomics. , 2023, , 61-75.		0
1141	Genetic polymorphisms as potential pharmacogenetic biomarkers for platinum-based chemotherapy in non-small cell lung cancer. <i>Molecular Biology Reports</i> , 2024, 51, .	1.0	0
1162	Cadmium transport by mammalian ATP-binding cassette transporters. <i>BioMetals</i> , 0, , .	1.8	1
1164	Targeting M2-like tumor-associated macrophages is a potential therapeutic approach to overcome antitumor drug resistance. <i>Npj Precision Oncology</i> , 2024, 8, .	2.3	0

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