Thomas Efferth

List of Publications by Year
in descending order

702 papers	31,090 citations	4658 85 h-index	12946 131 g-index
714 all docs	714 docs citations	714 times ranked	29649 citing authors

#	Article	IF	Citations
1	From traditional Chinese medicine to rational cancer therapy. Trends in Molecular Medicine, 2007, 13, 353-361.	6.7	470
2	The Antiviral Activities of Artemisinin and Artesunate. Clinical Infectious Diseases, 2008, 47, 804-811.	5.8	425
3	From ancient herb to modern drug: Artemisia annua and artemisinin for cancer therapy. Seminars in Cancer Biology, 2017, 46, 65-83.	9.6	416
4	The role of p53 in cancer drug resistance and targeted chemotherapy. Oncotarget, 2017, 8, 8921-8946.	1.8	407
5	Molecular Modes of Action of Artesunate in Tumor Cell Lines. Molecular Pharmacology, 2003, 64, 382-394.	2.3	400
6	Complex Interactions between Phytochemicals. The Multi-Target Therapeutic Concept of Phytotherapy. Current Drug Targets, 2011, 12, 122-132.	2.1	390
7	Best practice in research â€“ Overcoming common challenges in phytopharmacological research. Journal of Ethnopharmacology, 2020, 246, 112230.	4.1	341
8	Antimicrobial activity of clove and rosemary essential oils alone and in combination. Phytotherapy Research, 2007, 21, 989-994.	5.8	303
9	Artemisinin derivatives induce iron-dependent cell death (ferroptosis) in tumor cells. Phytomedicine, 2015, 22, 1045-1054.	5.3	297
10	Tumor microenvironment and epithelial mesenchymal transition as targets to overcome tumor multidrug resistance. Drug Resistance Updates, 2020, 53, 100715.	14.4	275
11	Willmar Schwabe Award 2006: Antiplasmodial and Antitumor Activity of Artemisinin - From Bench to Bedside. Planta Medica, 2007, 73, 299-309.	1.3	263
12	Molecular Pharmacology and Pharmacogenomics of Artemisinin and its Derivatives in Cancer Cells. Current Drug Targets, 2006, 7, 407-421.	2.1	243
13	Enhancement of cytotoxicity of artemisinins toward cancer cells by ferrous iron. Free Radical Biology and Medicine, 2004, 37, 998-1009.	2.9	233
14	Activities of Ten Essential Oils towards Propionibacterium acnes and PC-3, A-549 and MCF-7 Cancer Cells. Molecules, 2010, 15, 3200-3210.	3.8	229
15	Rapid microwave-assisted transesterification of yellow horn oil to biodiesel using a heteropolyacid solid catalyst. Bioresource Technology, 2010, 101, 931-936.	9.6	216
16	Inhibition of angiogenesis in vivo and growth of Kaposi's sarcoma xenograft tumors by the anti-malarial artesunate. Biochemical Pharmacology, 2004, 68, 2359-2366.	4.4	214
17	Artesunate Induces ROS-Mediated Apoptosis in Doxorubicin-Resistant T Leukemia Cells. PLoS ONE, 2007, 2, e693.	2.5	211
18	Microarray-based Detection of Multidrug Resistance in Human Tumor Cells by Expression Profiling of ATP-binding Cassette Transporter Genes. Cancer Research, 2004, 64, 8987-8993.	0.9	207

#	Article	IF	Citations
19	Cameroonian Medicinal Plants: Pharmacology and Derived Natural Products. Frontiers in Pharmacology, 2010, 1, 123.	3.5	202
20	Artesunate Activates Mitochondrial Apoptosis in Breast Cancer Cells via Iron-catalyzed Lysosomal Reactive Oxygen Species Production. Journal of Biological Chemistry, 2011, 286, 6587-6601.	3.4	201
21	Effect of artemisinin/artesunate as inhibitors of hepatitis B virus production in an â€œin vitroâ€• replicative system. Antiviral Research, 2005, 68, 75-83.	4.1	198
22	Toxicity of the antimalarial artemisinin and its dervatives. Critical Reviews in Toxicology, 2010, 40, 405-421.	3.9	195
23	Phytochemicals as inhibitors of NF-ÎºB for treatment of Alzheimerâ€™s disease. Pharmacological Research, 2018, 129, 262-273.	7.1	192
24	Activity of Drugs from Traditional Chinese Medicine toward Sensitive and MDR1- or MRP1-Overexpressing Multidrug-Resistant Human CCRF-CEM Leukemia Cells. Blood Cells, Molecules, and Diseases, 2002, 28, 160-168.	1.4	190
25	Antibacterial Activity and Anticancer Activity of Rosmarinus officinalis L. Essential Oil Compared to That of Its Main Components. Molecules, 2012, 17, 2704-2713.	3.8	187
26	Artesunate Derived from Traditional Chinese Medicine Induces DNA Damage and Repair. Cancer Research, 2008, 68, 4347-4351.	0.9	180
27	Chemotherapy-induced resistance by ATP-binding cassette transporter genes. Biochimica Et Biophysica Acta: Reviews on Cancer, 2007, 1775, 237-262.	7.4	177
28	Modulation of human BCRP (ABCG2) activity by anti-HIV drugs. Journal of Antimicrobial Chemotherapy, 2006, 59, 238-245.	3.0	173
29	Kaempferol Derivatives as Antiviral Drugs against the 3a Channel Protein of Coronavirus. Planta Medica, 2014, 80, 177-182.	1.3	172
30	Prediction of Broad Spectrum Resistance of Tumors towards Anticancer Drugs. Clinical Cancer Research, 2008, 14, 2405-2412.	7.0	158
31	Antiviral activity of artesunate towards wild-type, recombinant, and ganciclovir-resistant human cytomegaloviruses. Journal of Molecular Medicine, 2002, 80, 233-242.	3.9	157
32	Network pharmacology of cancer: From understanding of complex interactomes to the design of multi-target specific therapeutics from nature. Pharmacological Research, 2016, 111, 290-302.	7.1	156
33	Evolution of the adaptogenic concept from traditional use to medical systems: Pharmacology of stressâ€•and agingâ€•related diseases. Medicinal Research Reviews, 2021, 41, 630-703.	10.5	156
34	Traditionally used Thai medicinal plants: In vitro anti-inflammatory, anticancer and antioxidant activities. Journal of Ethnopharmacology, 2010, 130, 196-207.	4.1	155
35	A Randomised, Double Blind, Placebo-Controlled Pilot Study of Oral Artesunate Therapy for Colorectal Cancer. EBioMedicine, 2015, 2, 82-90.	6.1	155
36	Optimization of luteolin separation from pigeonpea [Cajanus cajan (L.) Millsp.] leaves by macroporous resins. Journal of Chromatography A, 2006, 1137, 145-152.	3.7	152

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37	A conceptually new treatment approach for relapsed glioblastoma: Coordinated undermining of survival paths with nine repurposed drugs (CUSP9) by the International Initiative for Accelerated Improvement of Glioblastoma Care. Oncotarget, 2013, 4, 502-530.	1.8	152
38	African Flora Has the Potential to Fight Multidrug Resistance of Cancer. BioMed Research International, 2015, 2015, 1-24.	1.9	151
39	Artesunate as a Potent Antiviral Agent in a Patient with Late Drugâ€Resistant Cytomegalovirus Infection after Hematopoietic Stem Cell Transplantation. Clinical Infectious Diseases, 2008, 46, 1455-1457.	5.8	148
40	Cytotoxicity of some Cameroonian spices and selected medicinal plant extracts. Journal of Ethnopharmacology, 2011, 134, 803-812.	4.1	148
41	Mechanistic perspectives for 1,2,4-trioxanes in anti-cancer therapy. Drug Resistance Updates, 2005, 8, 85-97.	14.4	144
42	Molecular principles of cancer invasion and metastasis (Review). International Journal of Oncology, 2009, 34, 881-95.	3.3	142
43	Toxicities by Herbal Medicines with Emphasis to Traditional Chinese Medicine. Current Drug Metabolism, 2011, 12, 989-996.	1.2	142
44	Artesunate Induces Oxidative DNA Damage, Sustained DNA Double-Strand Breaks, and the ATM/ATR Damage Response in Cancer Cells. Molecular Cancer Therapeutics, 2011, 10, 2224-2233.	4.1	142
45	Evidence-based Chinese medicine for cancer therapy. Journal of Ethnopharmacology, 2008, 116, 207-210.	4.1	137
46	Pharmacogenetics for individualized cancer chemotherapy. , 2005, 107, 155-176.		136
47	The Human ATP-Binding Cassette Transporter Genes From the Bench to the Bedside. Current Molecular Medicine, 2001, 1, 45-65.	1.3	135
48	The anti-malaria drug artesunate inhibits replication of cytomegalovirus in vitro and in vivo. Antiviral Research, 2006, 69, 60-69.	4.1	134
49	Shikonin derivatives for cancer prevention and therapy. Cancer Letters, 2019, 459, 248-267.	7.2	132
50	Molecular Target-Guided Tumor Therapy with Natural Products Derived from Traditional Chinese Medicine. Current Medicinal Chemistry, 2007, 14, 2024-2032.	2.4	128
51	Enzyme assisted extraction of luteolin and apigenin from pigeonpea [Cajanuscajan (L.) Millsp.] leaves. Food Chemistry, 2008, 111, 508-512.	8.2	127
52	Artesunate in the treatment of metastatic uveal melanoma–first experiences. Oncology Reports, 2005, 14, 1599-603.	2.6	125
53	Antiviral Effect of Artemisinin from Artemisia annua against a Model Member of the Flaviviridae Family, the Bovine Viral Diarrhoea Virus (BVDV). Planta Medica, 2006, 72, 1169-1174.	1.3	124
54	Traditional Chinese herbal medicine at the forefront battle against COVID-19: Clinical experience and scientific basis. Phytomedicine, 2021, 80, 153337.	5.3	123

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55	Review of current and â€œomicsâ€•methods for assessing the toxicity (genotoxicity, teratogenicity and) Tj ETQq1 1 0.784314 rgBT /Ov	4.1	120
56	mRNA expression profiles for the response of human tumor cell lines to the antimalarial drugs artesunate, arteether, and artemether. Biochemical Pharmacology, 2002, 64, 617-623.	4.4	115
57	Phytochemistry and pharmacogenomics of natural products derived from traditional chinese medicine and chinese materia medica with activity against tumor cells. Molecular Cancer Therapeutics, 2008, 7, 152-161.	4.1	115
58	Beyond malaria: The inhibition of viruses by artemisinin-type compounds. Biotechnology Advances, 2018, 36, 1730-1737.	11.7	114
59	ABCA3 as a Possible Cause of Drug Resistance in Childhood Acute Myeloid Leukemia. Clinical Cancer Research, 2006, 12, 4357-4363.	7.0	111
60	Oxidative stress response of tumor cells: microarray-based comparison between artemisinins and anthracyclines. Biochemical Pharmacology, 2004, 68, 3-10.	4.4	110
61	Antioxidant Activities and Xanthine Oxidase Inhibitory Effects of Extracts and Main Polyphenolic Compounds Obtained from Geranium sibiricum L.. Journal of Agricultural and Food Chemistry, 2010, 58, 4737-4743.	5.2	108
62	Prevention from radiation damage by natural products. Phytomedicine, 2018, 47, 192-200.	5.3	108
63	Cytotoxicity and modes of action of four Cameroonian dietary spices ethno-medically used to treat Cancers: Echinops giganteus, Xylopia aethiopica, Imperata cylindrica and Piper capense. Journal of Ethnopharmacology, 2013, 149, 245-253.	4.1	107
64	Identification of novel compounds against three targets of SARS CoV-2 coronavirus by combined virtual screening and supervised machine learning. Computers in Biology and Medicine, 2021, 133, 104359.	7.0	107
65	First evidence that the antimalarial drug artesunate inhibits invasion and in vivo metastasis in lung cancer by targeting essential extracellular proteases. International Journal of Cancer, 2010, 127, 1475-1485.	5.1	106
66	Supercritical carbon dioxide extraction of seed oil from yellow horn (Xanthoceras sorbifolia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	9.6	106
67	Cytotoxic activity of secondary metabolites derived from Artemisia annua L. towards cancer cells in comparison to its designated active constituent artemisinin. Phytomedicine, 2011, 18, 959-969.	5.3	105
68	New efficient artemisinin derived agents against human leukemia cells, human cytomegalovirus and Plasmodium falciparum: 2nd generation 1,2,4-trioxane-ferrocene hybrids. European Journal of Medicinal Chemistry, 2015, 97, 164-172.	5.5	104
69	P-glycoprotein and its inhibition in tumors by phytochemicals derived from Chinese herbs. Journal of Ethnopharmacology, 2012, 141, 557-570.	4.1	100
70	Cytotoxicity of seven naturally occurring phenolic compounds towards multi-factorial drug-resistant cancer cells. Phytomedicine, 2016, 23, 856-863.	5.3	100
71	In silico drug discovery of major metabolites from spices as SARS-CoV-2 main protease inhibitors. Computers in Biology and Medicine, 2020, 126, 104046.	7.0	98
72	Highly potent artemisinin-derived dimers and trimers: Synthesis and evaluation of their antimalarial, antileukemia and antiviral activities. Bioorganic and Medicinal Chemistry, 2015, 23, 5452-5458.	3.0	97

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73	Cajanol, a novel anticancer agent from Pigeonpea [Cajanus cajan (L.) Millsp.] roots, induces apoptosis in human breast cancer cells through a ROS-mediated mitochondrial pathway. Chemico-Biological Interactions, 2010, 188, 151-160.	4.0	96
74	Potential of Central, Eastern and Western Africa Medicinal Plants for Cancer Therapy: Spotlight on Resistant Cells and Molecular Targets. Frontiers in Pharmacology, 2017, 8, 343.	3.5	95
75	Collateral sensitivity of natural products in drug-resistant cancer cells. Biotechnology Advances, 2020, 38, 107342.	11.7	95
76	Therapeutic and Diagnostic Applications of Nanoparticles. Current Drug Targets, 2011, 12, 357-365.	2.1	95
77	Molecular modes of action of cantharidin in tumor cells. Biochemical Pharmacology, 2005, 69, 811-818.	4.4	94
78	Cytotoxicity and modes of action of three naturally occurring xanthones (8-hydroxycudraxanthone) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Phytomedicine, 2014, 21, 315-322.	5.3	93
79	Dihydroquercetin (DHQ) Induced HO-1 and NQO1 Expression against Oxidative Stress through the Nrf2-Dependent Antioxidant Pathway. Journal of Agricultural and Food Chemistry, 2013, 61, 2755-2761.	5.2	92
80	Role of Transferrin Receptor and the ABC Transporters ABCB6 and ABCB7 for Resistance and Differentiation of Tumor Cells towards Artesunate. PLoS ONE, 2007, 2, e798.	2.5	91
81	Tumor Heterogeneity, Single-Cell Sequencing, and Drug Resistance. Pharmaceuticals, 2016, 9, 33.	3.8	91
82	Prospective open uncontrolled phase I study to define a well-tolerated dose of oral artesunate as add-on therapy in patients with metastatic breast cancer (ARTIC M33/2). Breast Cancer Research and Treatment, 2017, 164, 359-369.	2.5	91
83	Chemoresistance and chemosensitization in cholangiocarcinoma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1444-1453.	3.8	91
84	Anticancer Activities of Six Selected Natural Compounds of Some Cameroonian Medicinal Plants. PLoS ONE, 2011, 6, e21762.	2.5	91
85	Cancer combination therapies with artemisinin-type drugs. Biochemical Pharmacology, 2017, 139, 56-70.	4.4	90
86	A naturally occuring triterpene saponin ardisiacrispin B displayed cytotoxic effects in multi-factorial drug resistant cancer cells via ferroptotic and apoptotic cell death. Phytomedicine, 2018, 43, 78-85.	5.3	90
87	Fighting Cancer with Red Wine? Molecular Mechanisms of Resveratrol. Critical Reviews in Food Science and Nutrition, 2009, 49, 782-799.	10.3	88
88	Cytotoxicity and modes of action of four naturally occuring benzophenones: 2,2â€²,5,6â€²-Tetrahydroxybenzophenone, guttiferone E, isogarcinol and isoxanthochymol. Phytomedicine, 2013, 20, 528-536.	5.3	88
89	Cytotoxicity and modes of action of five Cameroonian medicinal plants against multi-factorial drug resistance of tumor cells. Journal of Ethnopharmacology, 2014, 153, 207-219.	4.1	86
90	Gene expression profiling identifies novel key players involved in the cytotoxic effect of Artesunate on pancreatic cancer cells. Biochemical Pharmacology, 2009, 78, 273-283.	4.4	85

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91	Cytotoxic flavonoids and isoflavonoids from Erythrina sigmoidea towards multi-factorial drug resistant cancer cells. Investigational New Drugs, 2014, 32, 1053-1062.	2.6	85
92	Effect of artemisinins and other endoperoxides on nitric oxide-related signaling pathway in RAW 264.7 mouse macrophage cells. Nitric Oxide - Biology and Chemistry, 2008, 19, 184-191.	2.7	84
93	Cytotoxicity of ungeremine towards multi-factorial drug resistant cancer cells and induction of apoptosis, ferroptosis, necroptosis and autophagy. Phytomedicine, 2019, 60, 152832.	5.3	83
94	Antischistosomal activity of artemisinin derivatives in vivo and in patients. Pharmacological Research, 2016, 110, 216-226.	7.1	82
95	Combination treatment of glioblastoma multiforme cell lines with the anti-malarial artesunate and the epidermal growth factor receptor tyrosine kinase inhibitor OSI-774. Biochemical Pharmacology, 2004, 67, 1689-1700.	4.4	81
96	Pharmacogenomics of Cameroonian traditional herbal medicine for cancer therapy. Journal of Ethnopharmacology, 2011, 137, 752-766.	4.1	81
97	Mode of Cell Death Induction by Pharmacological Vacuolar H+-ATPase (V-ATPase) Inhibition. Journal of Biological Chemistry, 2013, 288, 1385-1396.	3.4	81
98	Activity of the dietary flavonoid, apigenin, against multidrug-resistant tumor cells as determined by pharmacogenomics and molecular docking. Journal of Nutritional Biochemistry, 2015, 26, 44-56.	4.2	81
99	The emergence of drug resistance to targeted cancer therapies: Clinical evidence. Drug Resistance Updates, 2019, 47, 100646.	14.4	81
100	Chemotherapeutic efficacy of curcumin and resveratrol against cancer: Chemoprevention, chemoprotection, drug synergism and clinical pharmacokinetics. Seminars in Cancer Biology, 2021, 73, 310-320.	9.6	81
101	Molecular biology of cantharidin in cancer cells. Chinese Medicine, 2007, 2, 8.	4.0	79
102	The immunosuppressive activity of artemisininâ€type drugs towards inflammatory and autoimmune diseases. Medicinal Research Reviews, 2021, 41, 3023-3061.	10.5	79
103	Prediction of Cancer Drug Resistance and Implications for Personalized Medicine. Frontiers in Oncology, 2015, 5, 282.	2.8	77
104	Novel molecular mechanisms for the adaptogenic effects of herbal extracts on isolated brain cells using systems biology. Phytomedicine, 2018, 50, 257-284.	5.3	77
105	Therapeutic potential of polyphenols in cardiovascular diseases: Regulation of mTOR signaling pathway. Pharmacological Research, 2020, 152, 104626.	7.1	77
106	Negative-pressure cavitation extraction for the determination of flavonoids in pigeon pea leaves by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2009, 1216, 3841-3850.	3.7	76
107	Shikonin Directly Targets Mitochondria and Causes Mitochondrial Dysfunction in Cancer Cells. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-15.	1.2	76
108	Cytotoxicity of epunctanone and four other phytochemicals isolated from the medicinal plants Garcinia epunctata and Ptycholobium contortum towards multi-factorial drug resistant cancer cells. Phytomedicine, 2018, 48, 112-119.	5.3	76

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109	Cytotoxicity of Artesunic Acid Homo- and Heterodimer Molecules toward Sensitive and Multidrug-Resistant CCRF-CEM Leukemia Cells. Journal of Medicinal Chemistry, 2010, 53, 4842-4848.	6.4	74
110	Novel artemisinin derivatives with potential usefulness against liver/colon cancer and viral hepatitis. Bioorganic and Medicinal Chemistry, 2013, 21, 4432-4441.	3.0	74
111	Synthesis and study of cytotoxic activity of 1,2,4-trioxane- and egonol-derived hybrid molecules against Plasmodium falciparum andÂmultidrug-resistant human leukemia cells. European Journal of Medicinal Chemistry, 2014, 75, 403-412.	5.5	74
112	Anti-inflammatory and anti-cancer activities of frankincense: Targets, treatments and toxicities. Seminars in Cancer Biology, 2022, 80, 39-57.	9.6	74
113	Cytotoxicity and Mode of Action of Four Naturally Occuring Flavonoids from the GenusDorstenia: Gancaonin Q, 4-Hydroxylonchocarpin, 6-Prenylapigenin, and 6,8-Diprenyleriodictyol. Planta Medica, 2011, 77, 1984-1989.	1.3	73
114	Aqueous enzymatic process assisted by microwave extraction of oil from yellow horn (Xanthoceras) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.2	73
115	Shikonin and its derivatives inhibit the epidermal growth factor receptor signaling and synergistically kill glioblastoma cells in combination with erlotinib. International Journal of Cancer, 2015, 137, 1446-1456.	5.1	73
116	Dietary polyphenols in chemoprevention and synergistic effect in cancer: Clinical evidences and molecular mechanisms of action. Phytomedicine, 2021, 90, 153554.	5.3	73
117	Integration of phytochemicals and phytotherapy into cancer precision medicine. Oncotarget, 2017, 8, 50284-50304.	1.8	72
118	Traditional Chinese medicine research in the post-genomic era: Good practice, priorities, challenges and opportunities. Journal of Ethnopharmacology, 2012, 140, 458-468.	4.1	71
119	Can Medical Herbs Stimulate Regeneration or Neuroprotection and Treat Neuropathic Pain in Chemotherapy-Induced Peripheral Neuropathy?. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-18.	1.2	71
120	Activity of Artemisia annua and artemisinin derivatives, in prostate carcinoma. Phytomedicine, 2015, 22, 1223-1231.	5.3	71
121	Natural products as promising drug candidates for the treatment of hepatitis B and C. Acta Pharmacologica Sinica, 2009, 30, 25-30.	6.1	70
122	Synthesis of Novel Hybrids of Quinazoline and Artemisinin with High Activities against Plasmodium falciparum, Human Cytomegalovirus, and Leukemia Cells. ACS Omega, 2017, 2, 2422-2431.	3.5	70
123	Synthesis of Thymoquinoneâ€“Artemisinin Hybrids: New Potent Antileukemia, Antiviral, and Antimalarial Agents. ACS Medicinal Chemistry Letters, 2018, 9, 534-539.	2.8	70
124	Inhibition of c-MYC with involvement of ERK/JNK/MAPK and AKT pathways as a novel mechanism for shikonin and its derivatives in killing leukemia cells. Oncotarget, 2015, 6, 38934-38951.	1.8	70
125	Development of Resistance towards Artesunate in MDA-MB-231 Human Breast Cancer Cells. PLoS ONE, 2011, 6, e20550.	2.5	69
126	Gems from traditional north-African medicine: medicinal and aromatic plants from Sudan. Natural Products and Bioprospecting, 2012, 2, 92-103.	4.3	69

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127	Multiple resistance to carcinogens and xenobiotics: P-glycoproteins as universal detoxifiers. Archives of Toxicology, 2017, 91, 2515-2538.	4.2	69
128	Indole and carbazole alkaloids from Glycosmis montana with weak anti-HIV and cytotoxic activities. Phytochemistry, 2005, 66, 697-701.	2.9	68
129	Cytotoxicity and modes of action of 4â€²-hydroxy-2â€²,6â€²-dimethoxychalcone and other flavonoids toward drug-sensitive and multidrug-resistant cancer cell lines. Phytomedicine, 2014, 21, 1651-1657.	5.3	68
130	Ethylene increases accumulation of compatible solutes and decreases oxidative stress to improve plant tolerance to water stress in Arabidopsis. Journal of Plant Biology, 2015, 58, 193-201.	2.1	68
131	MicroRNA targeting by quercetin in cancer treatment and chemoprotection. Pharmacological Research, 2019, 147, 104346.	7.1	68
132	First study of oral Artenimol-R in advanced cervical cancer: clinical benefit, tolerability and tumor markers. Anticancer Research, 2011, 31, 4417-22.	1.1	68
133	Expression profiling of ATP-binding cassette transporters in childhood T-cell acute lymphoblastic leukemia. Molecular Cancer Therapeutics, 2006, 5, 1986-1994.	4.1	67
134	Mechanism of action of Rhodiola, salidroside, tyrosol and triandrin in isolated neuroglial cells: An interactive pathway analysis of the downstream effects using RNA microarray data. Phytomedicine, 2014, 21, 1325-1348.	5.3	67
135	North African Medicinal Plants Traditionally Used in Cancer Therapy. Frontiers in Pharmacology, 2017, 8, 383.	3.5	67
136	Cytotoxicity and mode of action of a naturally occurring naphthoquinone, 2-acetyl-7-methoxynaphtho[2,3-b]furan-4,9-quinone towards multi-factorial drug-resistant cancer cells. Phytomedicine, 2017, 33, 62-68.	5.3	66
137	Human cytomegalovirus kinetics following institution of artesunate after hematopoietic stem cell transplantation. Antiviral Research, 2011, 90, 183-186.	4.1	65
138	Dryofragin, a phloroglucinol derivative, induces apoptosis in human breast cancer MCF-7 cells through ROS-mediated mitochondrial pathway. Chemico-Biological Interactions, 2012, 199, 129-136.	4.0	65
139	Hepatoprotective and anti-inflammatory effects of total flavonoids of Qu Zhi Ke (peel of Citrus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Phytomedicine, 2019, 64, 153082.	5.3	65
140	Antibacterial Activity and Cytotoxicity of Selected Egyptian Medicinal Plants. Planta Medica, 2012, 78, 193-199.	1.3	64
141	Cytotoxicity and Modes of Action of the Methanol Extracts of Six Cameroonian Medicinal Plants against Multidrug-Resistant Tumor Cells. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-10.	1.2	64
142	Molecular modes of action of cephalotaxine and homoharringtonine from the coniferous tree Cephalotaxus hainanensis in human tumor cell lines. Naunyn-Schmiedeberg's Archives of Pharmacology, 2003, 367, 56-67.	3.0	63
143	Antibacterial activities and structureâ€“activity relationships of a panel of 48 compounds from Kenyan plants against multidrug resistant phenotypes. SpringerPlus, 2016, 5, 901.	1.2	63
144	Artesunate Impairs Growth in Cisplatin-Resistant Bladder Cancer Cells by Cell Cycle Arrest, Apoptosis and Autophagy Induction. Cells, 2020, 9, 2643.	4.1	63

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145	A novel copper complex induces ROS generation in doxorubicin resistant Ehrlich ascitis carcinoma cells and increases activity of antioxidant enzymes in vital organs in vivo. BMC Cancer, 2006, 6, 267.	2.6	62
146	Drug Resistance in Plasmodium: Natural Products in the Fight Against Malaria. Mini-Reviews in Medicinal Chemistry, 2009, 9, 206-214.	2.4	62
147	Cytotoxicity of the indole alkaloid reserpine from Rauwolfia serpentina against drug-resistant tumor cells. Phytomedicine, 2015, 22, 308-318.	5.3	62
148	Dioncophyllines C₂, D₂, and F and Related Naphthylisoquinoline Alkaloids from the Congolese Liana Ancistrocladus ileboensis with Potent Activities against Plasmodium falciparum and against Multiple Myeloma and Leukemia Cell Lines. Journal of Natural Products, 2017, 80, 443-458.	3.0	62
149	Medicinal Plants from Near East for Cancer Therapy. Frontiers in Pharmacology, 2018, 9, 56.	3.5	62
150	Molecular interaction of artemisinin with translationally controlled tumor protein (TCTP) of Plasmodium falciparum. Biochemical Pharmacology, 2013, 85, 38-45.	4.4	61
151	Pinolenic acid ameliorates oleic acid-induced lipogenesis and oxidative stress via AMPK/SIRT1 signaling pathway in HepG2 cells. European Journal of Pharmacology, 2019, 861, 172618.	3.5	61
152	Artesunate Inhibits Growth of Sunitinib-Resistant Renal Cell Carcinoma Cells through Cell Cycle Arrest and Induction of Ferroptosis. Cancers, 2020, 12, 3150.	3.7	61
153	Separation of 7-xylosyl-10-deacetyl paclitaxel and 10-deacetylbaccatin III from the remainder extracts free of paclitaxel using macroporous resins. Journal of Chromatography A, 2008, 1177, 77-86.	3.7	60
154	Negative-pressure cavitation extraction of cajaninstilbene acid and pinostrobin from pigeon pea [Cajanus cajan (L.) Millsp.] leaves and evaluation of antioxidant activity. Food Chemistry, 2011, 128, 596-605.	8.2	60
155	Activity of three cytotoxic isoflavonoids from Erythrina excelsa and Erythrina senegalensis (neobavaisoflavone, sigmoidin H and isoneorautenol) toward multi-factorial drug resistant cancer cells. Phytomedicine, 2014, 21, 682-688.	5.3	60
156	Molecular bases of the poor response of liver cancer to chemotherapy. Clinics and Research in Hepatology and Gastroenterology, 2018, 42, 182-192.	1.5	60
157	Resveratrol mediated cancer cell apoptosis, and modulation of multidrug resistance proteins and metabolic enzymes. Phytomedicine, 2019, 55, 269-281.	5.3	60
158	Repurposing old drugs to fight multidrug resistant cancers. Drug Resistance Updates, 2020, 52, 100713.	14.4	60
159	Multiple cell death modalities and their key features (Review). World Academy of Sciences Journal, 0, , .	0.6	59
160	Inverse correlation of epidermal growth factor receptor messenger RNA induction and suppression of anchorage-independent growth by OSI-774, an epidermal growth factor receptor tyrosine kinase inhibitor, in glioblastoma multiforme cell lines. Journal of Neurosurgery, 2004, 100, 523-533.	1.6	58
161	Chemical composition and biological activity of the essential oil obtained from Bupleurum marginatum (Apiaceae). Journal of Pharmacy and Pharmacology, 2010, 61, 1079-1087.	2.4	58
162	Toxicogenomics for the Prediction of Toxicity Related to Herbs from Traditional Chinese Medicine. Planta Medica, 2010, 76, 2019-2025.	1.3	58

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163	In Vitro Antioxidant Properties, DNA Damage Protective Activity, and Xanthine Oxidase Inhibitory Effect of Cajaninstilbene Acid, a Stilbene Compound Derived from Pigeon Pea [Cajanus cajan (L.) Millsp.] Leaves. Journal of Agricultural and Food Chemistry, 2011, 59, 437-443.	5.2	58
164	Cytotoxicity of three naturally occurring flavonoid derived compounds (artocarpesin,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (cyc Phytomedicine, 2015, 22, 1096-1102.	5.3	58
165	Inhibition of human monoamine oxidase A and B by flavonoids isolated from two Algerian medicinal plants. Phytomedicine, 2018, 40, 27-36.	5.3	58
166	Molecular Mechanisms Underlying St. Johns Wort Drug Interactions. Current Drug Metabolism, 2008, 9, 1027-1037.	1.2	57
167	The ability of molecular docking to unravel the controversy and challenges related to P-glycoproteinâ€"a well-known, yet poorly understood drug transporter. Investigational New Drugs, 2014, 32, 618-625.	2.6	57
168	Evaluating ancient Egyptian prescriptions today: Anti-inflammatory activity of Ziziphus spina-christi. Phytomedicine, 2016, 23, 293-306.	5.3	57
169	Ca²⁺ signalling plays a role in celastrolâ€mediated suppression of synovial fibroblasts of rheumatoid arthritis patients and experimental arthritis in rats. British Journal of Pharmacology, 2019, 176, 2922-2944.	5.4	57
170	Cytotoxicity of methanol extracts of Annona muricata, Passiflora edulis and nine other Cameroonian medicinal plants towards multi-factorial drug-resistant cancer cell lines. SpringerPlus, 2016, 5, 1666.	1.2	56
171	Pharmacological and chemical features of Nepeta L. genus: Its importance as a therapeutic agent. Phytotherapy Research, 2018, 32, 185-198.	5.8	56
172	Novel secondary metabolites from endophytic fungi: synthesis and biological properties. Phytochemistry Reviews, 2020, 19, 425-448.	6.5	56
173	Pharmacogenomics of cantharidin in tumor cells. Biochemical Pharmacology, 2014, 87, 399-409.	4.4	55
174	Use of CpG island microarrays to identify colorectal tumors with a high degree of concurrent methylation. Methods, 2002, 27, 162-169.	3.8	53
175	Cytotoxicity and P-Glycoprotein Modulating Effects of Quinolones and Indoloquinazolines from the Chinese Herb Evodia rutaecarpa. Planta Medica, 2007, 73, 1554-1557.	1.3	53
176	Anti-Infectious Bronchitis Virus (IBV) Activity of 1,8-cineole: Effect on Nucleocapsid (N) Protein. Journal of Biomolecular Structure and Dynamics, 2010, 28, 323-330.	3.5	53
177	The activity of Artemisia spp. and their constituents against Trypanosomiasis. Phytomedicine, 2018, 47, 184-191.	5.3	53
178	Homozygous deletions ofCDKN2A caused by alternative mechanisms in various human cancer cell lines. Genes Chromosomes and Cancer, 2005, 42, 58-67.	2.8	52
179	Cytotoxicity of apigenin toward multiple myeloma cell lines and suppression of iNOS and COX-2 expression in STAT1-transfected HEK293 cells. Phytomedicine, 2021, 80, 153371.	5.3	52
180	The neuroprotective potential of carotenoids in vitro and in vivo. Phytomedicine, 2021, 91, 153676.	5.3	52

#	Article	IF	Citations
181	Production of rosmarinic acid and salvianolic acid B from callus culture of Salvia miltiorrhiza with cytotoxicity towards acute lymphoblastic leukemia cells. Food Chemistry, 2016, 201, 292-297.	8.2	51
182	Screening for natural and derived bio-active compounds in preclinical and clinical studies: One of the frontlines of fighting the coronaviruses pandemic. Phytomedicine, 2021, 85, 153311.	5.3	51
183	Synergy and Antagonism of Active Constituents of ADAPT-232 on Transcriptional Level of Metabolic Regulation of Isolated Neuroglial Cells. Frontiers in Neuroscience, 2013, 7, 16.	2.8	50
184	Cytotoxicity of 18 Cameroonian medicinal plants against drug sensitive and multi-factorial drug resistant cancer cells. Journal of Ethnopharmacology, 2018, 222, 21-33.	4.1	50
185	Aloe-emodin as drug candidate for cancer therapy. Oncotarget, 2018, 9, 17770-17796.	1.8	50
186	Kaempferol Is an Anti-Inflammatory Compound with Activity towards NF-Î¹B Pathway Proteins. Anticancer Research, 2015, 35, 2645-50.	1.1	50
187	Immunohistochemical Detection of P Glycoprotein, Glutathione S Transferase and DNATopoisomerase II in Human Tumors. Oncology, 1992, 49, 368-375.	1.9	49
188	Design of novel artemisinin-like derivatives with cytotoxic and anti-angiogenic properties. Journal of Cellular and Molecular Medicine, 2011, 15, 1122-1135.	3.6	49
189	Hormesis: Decoding Two Sides of the Same Coin. Pharmaceuticals, 2015, 8, 865-883.	3.8	49
190	Repurposing of plant alkaloids for cancer therapy: Pharmacology and toxicology. Seminars in Cancer Biology, 2021, 68, 143-163.	9.6	49
191	New artesunic acid homodimers: Potent reversal agents of multidrug resistance in leukemia cells. Bioorganic and Medicinal Chemistry, 2012, 20, 5637-5641.	3.0	48
192	The broad-spectrum antiinfective drug artesunate interferes with theÂcanonical nuclear factor kappa B (NF-Î¹B) pathway by targeting RelA/p65. Antiviral Research, 2015, 124, 101-109.	4.1	48
193	Chemical composition and biological activity of the essential oil obtained from <I>Bupleurum marginatum</I> (Apiaceae). Journal of Pharmacy and Pharmacology, 2009, 61, 1079-1087.	2.4	48
194	Activity-Guided Isolation of Scopoletin and Isoscopoletin, the Inhibitory Active Principles towards CCRF-CEM Leukaemia Cells and Multi-Drug Resistant CEM/ADR5000 Cells, fromArtemisia argyi. Planta Medica, 2006, 72, 862-864.	1.3	47
195	Antimicrobial activity and cytotoxicity towards cancer cells of Melaleuca alternifolia (tea tree) oil. European Food Research and Technology, 2009, 229, 247-253.	3.3	47
196	Cytotoxicity of compounds from Xylopia aethiopica towards multi-factorial drug-resistant cancer cells. Phytomedicine, 2015, 22, 1247-1254.	5.3	47
197	Cryptochlorogenic acid attenuates LPS-induced inflammatory response and oxidative stress via upregulation of the Nrf2/HO-1 signaling pathway in RAW 264.7 macrophages. International Immunopharmacology, 2020, 83, 106436.	3.8	47
198	A radiosensitizing effect of artesunate in glioblastoma cells is associated with a diminished expression of the inhibitor of apoptosis protein survivin. Radiotherapy and Oncology, 2012, 103, 394-401.	0.6	46

#	Article	IF	Citations
199	Coptis chinensis Franch. exhibits neuroprotective properties against oxidative stress in human neuroblastoma cells. Journal of Ethnopharmacology, 2014, 155, 607-615.	4.1	46
200	Long-term add-on therapy (compassionate use) with oral artesunate in patients with metastatic breast cancer after participating in a phase I study (ARTIC M33/2). Phytomedicine, 2019, 54, 140-148.	5.3	46
201	Determination and quantification of astragalosides in Radix Astragali and its medicinal products using LCâ€“MS. Journal of Separation Science, 2009, 32, 517-525.	2.5	45
202	Negative pressure cavitation extraction and antioxidant activity of genistein and genistin from the roots of pigeon pea [Cajanus cajan (L.) Millsp.]. Separation and Purification Technology, 2010, 74, 261-270.	7.9	45
203	Enzymatic water extraction of taxifolin from wood sawdust of Larix gmelini (Rupr.) Rupr. and evaluation of its antioxidant activity. Food Chemistry, 2011, 126, 1178-1185.	8.2	45
204	In Vitro Antioxidant and Antimicrobial Activity of Extracts from Morus alba L. Leaves, Stems and Fruits. The American Journal of Chinese Medicine, 2012, 40, 349-356.	3.8	45
205	Hepatotoxicity by combination treatment of temozolomide, artesunate and Chinese herbs in a glioblastoma multiforme patient: case report review of the literature. Archives of Toxicology, 2017, 91, 1833-1846.	4.2	45
206	Cytotoxicity of isoflavones and biflavonoids from Ormocarpum kirkii towards multi-factorial drug resistant cancer. Phytomedicine, 2019, 58, 152853.	5.3	45
207	N-acetylglycoside of oleanolic acid (aridanin) displays promising cytotoxicity towards human and animal cancer cells, inducing apoptotic, ferroptotic and necroptotic cell death. Phytomedicine, 2020, 76, 153261.	5.3	45
208	Ginkgolic acids inhibit migration in breast cancer cells by inhibition of NEMO sumoylation and NF-Î¹B activity. Oncotarget, 2017, 8, 35103-35115.	1.8	44
209	Phytochemical and pharmacological properties of essential oils from Cedrus species. Natural Product Research, 2018, 32, 1415-1427.	1.8	44
210	Pharmacogenomic Identification of c-Myc/Max-Regulated Genes Associated with Cytotoxicity of Artesunate towards Human Colon, Ovarian and Lung Cancer Cell Lines. Molecules, 2010, 15, 2886-2910.	3.8	43
211	Cytotoxicity of four Aframomum species (A. arundinaceum, A. alboviolaceum, A. kayserianum and A.) Tj ETQq1 1 0.784314 rgBT /Ove Alternative Medicine, 2014, 14, 340.	3.7	43
212	Cytotoxic Benzophenanthridine and Furoquinoline Alkaloids from Zanthoxylum buesgenii(Rutaceae). Chemistry Central Journal, 2014, 8, 61.	2.6	43
213	Molecular mechanisms of rosmarinic acid from Salvia miltiorrhiza in acute lymphoblastic leukemia cells. Journal of Ethnopharmacology, 2015, 176, 55-68.	4.1	43
214	Interactions of human P-glycoprotein transport substrates and inhibitors at the drug binding domain: Functional and molecular docking analyses. Biochemical Pharmacology, 2016, 104, 42-51.	4.4	43
215	Pharmacogenomic Characterization and Isobologram Analysis of the Combination of Ascorbic Acid and Curcuminâ€”Two Main Metabolites of Curcuma longaâ€”in Cancer Cells. Frontiers in Pharmacology, 2017, 8, 38.	3.5	43
216	Theabrownin Inhibits Cell Cycle Progression and Tumor Growth of Lung Carcinoma through c-myc-Related Mechanism. Frontiers in Pharmacology, 2017, 8, 75.	3.5	43

#	ARTICLE	IF	CITATIONS
217	Cardenolides: Insights from chemical structure and pharmacological utility. Pharmacological Research, 2019, 141, 123-175.	7.1	43
218	Adenosine triphosphate-binding cassette transporter genes in ageing and age-related diseases. Ageing Research Reviews, 2003, 2, 11-24.	10.9	42
219	The Role of Downstream Signaling Pathways of the Epidermal Growth Factor Receptor for Artesunates Activity in Cancer Cells. Current Cancer Drug Targets, 2009, 9, 72-80.	1.6	42
220	Phytochemical Analysis and Cytotoxicity Towards Multidrug-Resistant Leukemia Cells of Essential Oils Derived from Lebanese Medicinal Plants. Planta Medica, 2012, 78, 1927-1931.	1.3	42
221	Antioxidant properties, superoxide dismutase and glutathione reductase activities in HepG2 cells with a fungal endophyte producing apigenin from pigeon pea [Cajanus cajan (L.) Millsp.]. Food Research International, 2012, 49, 147-152.	6.2	42
222	The eucalyptus oil ingredient 1,8-cineol induces oxidative DNA damage. Archives of Toxicology, 2015, 89, 797-805.	4.2	42
223	The Combined Effects of Ethylene and MeJA on Metabolic Profiling of Phenolic Compounds in Catharanthus roseus Revealed by Metabolomics Analysis. Frontiers in Physiology, 2016, 7, 217.	2.8	42
224	Cytotoxicity of methanol extracts of 10 Cameroonian medicinal plants towards multi-factorial drug-resistant cancer cell lines. BMC Complementary and Alternative Medicine, 2016, 16, 267.	3.7	42
225	Systematic Review on Post-Traumatic Stress Disorder Among Survivors of the Wenchuan Earthquake. Trauma, Violence, and Abuse, 2016, 17, 542-561.	6.2	42
226	Mode of Action Analyses of Neferine, a Bisbenzylisoquinoline Alkaloid of Lotus (Nelumbo nucifera) against Multidrug-Resistant Tumor Cells. Frontiers in Pharmacology, 2017, 8, 238.	3.5	42
227	Cytotoxicity of cucurbitacin E from Citrullus colocynthis against multidrug-resistant cancer cells. Phytomedicine, 2019, 62, 152945.	5.3	42
228	Investigation of Antibacterial Activity of Rosemary Essential Oil against Propionibacterium acnes with Atomic Force Microscopy. Planta Medica, 2007, 73, 1275-1280.	1.3	41
229	Berberine Inhibits Cell Growth and Mediates Caspase-Independent Cell Death in Human Pancreatic Cancer Cells. Planta Medica, 2010, 76, 1155-1161.	1.3	41
230	Activity investigation of pinostrobin towards herpes simplex virus-1 as determined by atomic force microscopy. Phytomedicine, 2011, 18, 110-118.	5.3	41
231	Cytotoxicity of selected Cameroonian medicinal plants and Nauclea pobeguinii towards multi-factorial drug-resistant cancer cells. BMC Complementary and Alternative Medicine, 2015, 15, 309.	3.7	41
232	Cytotoxicity of the Sesquiterpene Lactones Neoambrosin and Damsin from Ambrosia maritima Against Multidrug-Resistant Cancer Cells. Frontiers in Pharmacology, 2015, 6, 267.	3.5	41
233	Genomic and transcriptomic profiling of resistant CEM/ADR-5000 and sensitive CCRF-CEM leukaemia cells for unravelling the full complexity of multi-factorial multidrug resistance. Scientific Reports, 2016, 6, 36754.	3.3	41
234	Biopiracy of natural products and good bioprospecting practice. Phytomedicine, 2016, 23, 166-173.	5.3	41

#	Article	IF	Citations
235	Cytotoxicity of cardiotonic steroids in sensitive and multidrug-resistant leukemia cells and the link with Na+/K+-ATPase. Journal of Steroid Biochemistry and Molecular Biology, 2015, 150, 97-111.	2.5	40
236	Cell cycle arrest and induction of apoptosis by cajanin stilbene acid from Cajanus cajan in breast cancer cells. Phytomedicine, 2015, 22, 462-468.	5.3	40
237	Efficient extraction and preparative separation of four main isoflavonoids from Dalbergia odorifera T. Chen leaves by deep eutectic solvents-based negative pressure cavitation extraction followed by macroporous resin column chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1033-1034, 40-48.	2.3	40
238	Furoquinolines and dihydrooxazole alkaloids with cytotoxic activity from the stem bark of Araliopsis soyauxii. FÃ¬toterapÃ¬Ã¢, 2019, 133, 193-199.	2.2	40
239	Breaking the spores of the fungus Ganoderma lucidum by supercritical CO2. Food Chemistry, 2009, 112, 71-76.	8.2	39
240	A Survey of Chinese Medicinal Herbal Treatment for Chemotherapy-Induced Oral Mucositis. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-16.	1.2	39
241	Recent Advances in Kaempferia Phytochemistry and Biological Activity: A Comprehensive Review. Nutrients, 2019, 11, 2396.	4.1	39
242	In Silico Mining of Terpenes from Red-Sea Invertebrates for SARS-CoV-2 Main Protease (Mpro) Inhibitors. Molecules, 2021, 26, 2082.	3.8	39
243	A petrol ether extract of the roots of Onosma paniculatum induces cell death in a caspase dependent manner. Journal of Ethnopharmacology, 2010, 129, 182-188.	4.1	38
244	Preparation and antioxidant activity of Radix Astragali residues extracts rich in calycosin and formononetin. Biochemical Engineering Journal, 2011, 56, 84-93.	3.6	38
245	Stem Cells, Cancer Stem-Like Cells, and Natural Products. Planta Medica, 2012, 78, 935-942.	1.3	38
246	Cytotoxicity of anthraquinones from the roots of Pentas schimperi towards multi-factorial drug-resistant cancer cells. Investigational New Drugs, 2015, 33, 861-869.	2.6	38
247	Cytotoxicity of 35 medicinal plants from Sudan towards sensitive and multidrug-resistant cancer cells. Journal of Ethnopharmacology, 2015, 174, 644-658.	4.1	38
248	Cytotoxicity of a naturally occurring furoquinoline alkaloid and four acridone alkaloids towards multi-factorial drug-resistant cancer cells. Phytomedicine, 2015, 22, 946-951.	5.3	38
249	Cytotoxicity of South-African medicinal plants towards sensitive and multidrug-resistant cancer cells. Journal of Ethnopharmacology, 2016, 186, 209-223.	4.1	38
250	Reversal of multidrug resistance by Marsdenia tenacissima and its main active ingredients polyoxypregnanes. Journal of Ethnopharmacology, 2017, 203, 110-119.	4.1	38
251	Drug Repurposing of the Anthelmintic Niclosamide to Treat Multidrug-Resistant Leukemia. Frontiers in Pharmacology, 2017, 8, 110.	3.5	38
252	Targeting epigenetics in cancer: therapeutic potential of flavonoids. Critical Reviews in Food Science and Nutrition, 2021, 61, 1616-1639.	10.3	38

#	ARTICLE	IF	CITATIONS
253	Factors determining sensitivity or resistance of tumor cell lines towards artesunate. Chemico-Biological Interactions, 2010, 185, 42-52.	4.0	37
254	Traditional Chinese Medicines (TCMs) for Molecular Targeted Therapies of Tumours. Current Drug Discovery Technologies, 2010, 7, 37-45.	1.2	37
255	Molecular docking and pharmacogenomics of Vinca alkaloids and their monomeric precursors, vindoline and catharanthine. Biochemical Pharmacology, 2011, 81, 723-735.	4.4	37
256	Biofilm blocking sesquiterpenes from Teucrium polium. Phytochemistry, 2014, 103, 107-113.	2.9	37
257	Cytotoxicity of 91 Kenyan indigenous medicinal plants towards human CCRF-CEM leukemia cells. Journal of Ethnopharmacology, 2016, 179, 177-196.	4.1	37
258	Mbandakamine-Type Naphthylisoquinoline Dimers and Related Alkaloids from the Central African Liana Ancistrocladus ealaensis with Antiparasitic and Antileukemic Activities. Journal of Natural Products, 2018, 81, 918-933.	3.0	37
259	Access to new highly potent antileukemia, antiviral and antimalarial agents via hybridization of natural products (homo)egonol, thymoquinone and artemisinin. Bioorganic and Medicinal Chemistry, 2018, 26, 3610-3618.	3.0	37
260	Inhibition of epidermal growth factor receptor over-expressing cancer cells by the aphorphine-type isoquinoline alkaloid, dicentrine. Biochemical Pharmacology, 2010, 79, 1092-1099.	4.4	36
261	Self-medication with nutritional supplements and herbal over-thecounter products. Natural Products and Bioprospecting, 2011, 1, 62-70.	4.3	36
262	Polyhydroxylated Steroidal Glycosides from Paris polyphylla. Journal of Natural Products, 2012, 75, 1201-1205.	3.0	36
263	Cytotoxicity of natural products and derivatives toward MCF-7 cell monolayers and cancer stem-like mammospheres. Phytomedicine, 2015, 22, 438-443.	5.3	36
264	Anti-Proliferative and Apoptosis-Inducing Effect of Theabrownin against Non-small Cell Lung Adenocarcinoma A549 Cells. Frontiers in Pharmacology, 2016, 7, 465.	3.5	36
265	Theabrownin triggers <scp>DNA</scp> damage to suppress human osteosarcoma U2<scp>OS</scp> cells by activating p53 signalling pathway. Journal of Cellular and Molecular Medicine, 2018, 22, 4423-4436.	3.6	36
266	Cytotoxicity of 40 Egyptian plant extracts targeting mechanisms of drug-resistant cancer cells. Phytomedicine, 2019, 59, 152771.	5.3	36
267	Sesquiterpene lactones from Algerian Artemisia herba-alba. Phytochemistry Letters, 2008, 1, 85-88.	1.2	35
268	Cytotoxicity, mode of action and antibacterial activities of selected Saudi Arabian medicinal plants. BMC Complementary and Alternative Medicine, 2013, 13, 354.	3.7	35
269	Pharmacogenomics of Scopoletin in Tumor Cells. Molecules, 2016, 21, 496.	3.8	35
270	Betulinic Acid Exerts Cytotoxic Activity Against Multidrug-Resistant Tumor Cells via Targeting Autocrine Motility Factor Receptor (AMFR). Frontiers in Pharmacology, 2018, 9, 481.	3.5	35

#	Article	IF	Citations
271	Target Identification of Active Constituents of Shen Qi Wan to Treat Kidney Yang Deficiency Using Computational Target Fishing and Network Pharmacology. Frontiers in Pharmacology, 2019, 10, 650.	3.5	35
272	Shikonin Reduces Growth of Docetaxel-Resistant Prostate Cancer Cells Mainly through Necroptosis. Cancers, 2021, 13, 882.	3.7	35
273	Cytotoxicity of a naturally occuring spirostanol saponin, progenin III, towards a broad range of cancer cell lines by induction of apoptosis, autophagy and necroptosis. Chemico-Biological Interactions, 2020, 326, 109141.	4.0	35
274	Overcoming Drug-Resistant Cancer by a Newly Developed Copper Chelate through Host-Protective Cytokine-Mediated Apoptosis. Clinical Cancer Research, 2006, 12, 4339-4349.	7.0	34
275	Determination of vitexin and isovitexin in pigeonpea using ultrasonic extraction followed by LCâ€MS. Journal of Separation Science, 2008, 31, 268-275.	2.5	34
276	Anti-Cancer Natural Product Library from Traditional Chinese Medicine. Combinatorial Chemistry and High Throughput Screening, 2008, 11, 7-15.	1.1	34
277	Cytotoxic Activity of Curcumin towards CCRF-CEM Leukemia Cells and Its Effect on DNA Damage. Molecules, 2009, 14, 5328-5338.	3.8	34
278	Cancer Therapy with Natural Products and Medicinal Plants. Planta Medica, 2010, 76, 1035-1036.	1.3	34
279	UV-Induced Changes of Active Components and Antioxidant Activity in Postharvest Pigeon Pea [Cajanus cajan (L.) Millsp.] Leaves. Journal of Agricultural and Food Chemistry, 2013, 61, 1165-1171.	5.2	34
280	Cancer combination therapy of the sesquiterpenoid artesunate and the selective EGFR-tyrosine kinase inhibitor erlotinib. Phytomedicine, 2017, 37, 58-61.	5.3	34
281	Total Synthesis and Biological Investigation of (â^')â€Artemisinin: The Antimalarial Activity of Artemisinin Is not Stereospecific. Angewandte Chemie - International Edition, 2018, 57, 8293-8296.	13.8	34
282	Cytotoxicity of the crude extract and constituents of the bark of Fagara tessmannii towards multi-factorial drug resistant cancer cells. Journal of Ethnopharmacology, 2019, 235, 28-37.	4.1	34
283	Development of artemisinin resistance in malaria therapy. Pharmacological Research, 2019, 146, 104275.	7.1	34
284	Effects of anti-inflammatory and adaptogenic herbal extracts on gene expression of eicosanoids signaling pathways in isolated brain cells. Phytomedicine, 2019, 60, 152881.	5.3	34
285	8,8-bis-(Dihydroconiferyl)-diferulate displayed impressive cytotoxicity towards a panel of human and animal cancer cells. Phytomedicine, 2020, 70, 153215.	5.3	34
286	Effect of Cantharidin, Cephalotaxine and Homoharringtonine on â€in vitroâ€•Models of Hepatitis B Virus (HBV) and Bovine Viral Diarrhoea Virus (BVDV) Replication. Planta Medica, 2007, 73, 552-558.	1.3	33
287	Enhanced extraction of isoflavonoids from Radix Astragali by incubation pretreatment combined with negative pressure cavitation and its antioxidant activity. Innovative Food Science and Emerging Technologies, 2011, 12, 577-585.	5.6	33
288	Animal plant warfare and secondary metabolite evolution. Natural Products and Bioprospecting, 2013, 3, 1-7.	4.3	33

#	Article	IF	Citations
289	Cajaninstilbene acid (CSA) exerts cytoprotective effects against oxidative stress through the Nrf2-dependent antioxidant pathway. Toxicology Letters, 2013, 219, 254-261.	0.8	33
290	Nitensidine A, a guanidine alkaloid from Pterogyne nitens, is a novel substrate for human ABC transporter ABCB1. Phytomedicine, 2014, 21, 323-332.	5.3	33
291	Identification of new P-glycoprotein inhibitors derived from cardiotonic steroids. Biochemical Pharmacology, 2015, 93, 11-24.	4.4	33
292	Cytotoxicity of 15 Cameroonian medicinal plants against drug sensitive and multi-drug resistant cancer cells. Journal of Ethnopharmacology, 2016, 186, 196-204.	4.1	33
293	Plants mentioned in the Islamic Scriptures (Holy Qur'Ã¢n and Ahadith): Traditional uses and medicinal importance in contemporary times. Journal of Ethnopharmacology, 2019, 243, 112007.	4.1	33
294	Safety and efficacy field study of artesunate for dogs with non-resectable tumours. Anticancer Research, 2013, 33, 1819-27.	1.1	33
295	Determination of paclitaxel and its analogues in the needles of Taxus species by using negative pressure cavitation extraction followed by HPLCâ€MSâ€MS. Journal of Separation Science, 2009, 32, 3958-3966.	2.5	32
296	Determination of paclitaxel and other six taxoids in Taxus species by high-performance liquid chromatographyâ€“tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2009, 49, 81-89.	2.8	32
297	Diversity of Pharmacological Properties in Chinese and European Medicinal Plants: Cytotoxicity, Antiviral and Antitrypanosomal Screening of 82 Herbal Drugs. Diversity, 2011, 3, 547-580.	1.7	32
298	Threats to human health by great ocean garbage patches. Lancet Planetary Health, The, 2017, 1, e301-e303.	11.4	32
299	Medicinal plants and phytochemicals against multidrug-resistant tumor cells expressing ABCB1, ABCG2, or ABCB5: a synopsis of 2Âdecades. Phytochemistry Reviews, 2021, 20, 7-53.	6.5	32
300	Rapid microwave-assisted transesterification for the preparation of fatty acid methyl esters from the oil of yellow horn (Xanthoceras sorbifolia Bunge.). European Food Research and Technology, 2009, 229, 43-49.	3.3	31
301	Personalized Cancer Medicine: From Molecular Diagnostics to Targeted Therapy with Natural Products. Planta Medica, 2010, 76, 1143-1154.	1.3	31
302	Effects of Scrophularia ningpoensis Hemsl. on Inhibition of Proliferation, Apoptosis Induction and NF-Î°B Signaling of Immortalized and Cancer Cell Lines. Pharmaceuticals, 2012, 5, 189-208.	3.8	31
303	Modulation of P-glycoprotein activity by novel synthetic curcumin derivatives in sensitive and multidrug-resistant T-cell acute lymphoblastic leukemia cell lines. Toxicology and Applied Pharmacology, 2016, 305, 216-233.	2.8	31
304	Kaemgalangol A: Unusual seco-isopimarane diterpenoid from aromatic ginger Kaempferia galanga. FÃ¬toterapÃ¬Ã¢, 2018, 129, 47-53.	2.2	31
305	Molecular Determinants of Sensitivity or Resistance of Cancer Cells Toward Sanguinarine. Frontiers in Pharmacology, 2018, 9, 136.	3.5	31
306	Antimicrobial and Antioxidant Activities of Natural Compounds. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-3.	1.2	31

#	Article	IF	Citations
307	Prevention of carcinogenesis and metastasis by Artemisinin-type drugs. Cancer Letters, 2018, 429, 11-18.	7.2	31
308	Free radical scavenging capability, antioxidant activity and chemical constituents of Pyrola incarnata Fisch. leaves. Industrial Crops and Products, 2013, 49, 247-255.	5.2	30
309	Treatment of Iron-Loaded Veterinary Sarcoma by Artemisia annua. Natural Products and Bioprospecting, 2014, 4, 113-118.	4.3	30
310	Synergy assessment of fixed combinations of Herba Andrographidis and Radix Eleutherococci extracts by transcriptome-wide microarray profiling. Phytomedicine, 2015, 22, 981-992.	5.3	30
311	Anticancer activity of cryptotanshinone on acute lymphoblastic leukemia cells. Archives of Toxicology, 2016, 90, 2275-2286.	4.2	30
312	Genetic Mouse Models with Intestinal-Specific Tight Junction Deletion Resemble an Ulcerative Colitis Phenotype. Journal of Crohn's and Colitis, 2017, 11, 1247-1257.	1.3	30
313	The pharmacology of the genus Sophora (Fabaceae): An updated review. Phytomedicine, 2019, 64, 153070.	5.3	30
314	Collateral Sensitivity of Parthenolide via NF-Î²B and HIF-Î± Inhibition and Epigenetic Changes in Drug-Resistant Cancer Cell Lines. Frontiers in Pharmacology, 2019, 10, 542.	3.5	30
315	Isopetasin and S-isopetasin as novel P-glycoprotein inhibitors against multidrug-resistant cancer cells. Phytomedicine, 2021, 86, 153196.	5.3	30
316	The alkaloid, soyauxinium chloride, displays remarkable cytotoxic effects towards a panel of cancer cells, inducing apoptosis, ferroptosis and necroptosis. Chemico-Biological Interactions, 2021, 333, 109334.	4.0	30
317	Identification of gene expression profiles predicting tumor cell response to l-alanosine. Biochemical Pharmacology, 2003, 66, 613-621.	4.4	29
318	Effect of artesunate on immune cells in ret-transgenic mouse melanoma model. Anti-Cancer Drugs, 2009, 20, 910-917.	1.4	29
319	Cytotoxicity of Elaoephorbia drupifera and other Cameroonian medicinal plants against drug sensitive and multidrug resistant cancer cells. BMC Complementary and Alternative Medicine, 2013, 13, 250.	3.7	29
320	Efficient Production of Isoflavonoids by Astragalus membranaceus Hairy Root Cultures and Evaluation of Antioxidant Activities of Extracts. Journal of Agricultural and Food Chemistry, 2014, 62, 12649-12658.	5.2	29
321	Negative pressure cavitation-microwave assisted preparation of extract of Pyrola incarnata Fisch. rich in hyperin, 2â€²-O-galloylhyperin and chimaphilin and evaluation of its antioxidant activity. Food Chemistry, 2015, 169, 270-276.	8.2	29
322	Pharmacogenomic Characterization of Cytotoxic Compounds from Salvia officinalis in Cancer Cells. Journal of Natural Products, 2015, 78, 762-775.	3.0	29
323	Cytotoxic benzylbenzofuran derivatives from Dorstenia kameruniana. FÃ¬toterapÃ¬Ã¢, 2018, 128, 26-30.	2.2	29
324	Curcumin downregulates expression of opioid-related nociceptin receptor gene (OPRL1) in isolated neuroglia cells. Phytomedicine, 2018, 50, 285-299.	5.3	29

#	Article	IF	Citations
325	Comparison between tumors in plants and human beings: Mechanisms of tumor development and therapy with secondary plant metabolites. Phytomedicine, 2019, 64, 153081.	5.3	29
326	Antiulcer activity of Cyperus alternifolius in relation to its UPLC-MS metabolite fingerprint: A mechanistic study. Phytomedicine, 2019, 62, 152970.	5.3	29
327	Organoids of human airways to study infectivity and cytopathy of SARS-CoV-2. Lancet Respiratory Medicine,the, 2020, 8, e55-e56.	10.7	29
328	SERCA and P-glycoprotein inhibition and ATP depletion are necessary for celastrol-induced autophagic cell death and collateral sensitivity in multidrug-resistant tumor cells. Pharmacological Research, 2020, 153, 104660.	7.1	29
329	Negative pressure cavitation accelerated processing for extraction of main bioactive flavonoids from Radix Scutellariae. Chemical Engineering and Processing: Process Intensification, 2011, 50, 780-789.	3.6	28
330	Establishment and comparative characterization of novel squamous cell non-small cell lung cancer cell lines and their corresponding tumor tissue. Lung Cancer, 2012, 75, 45-57.	2.0	28
331	Variation in Contents of Main Active Components and Antioxidant Activity in Leaves of Different Pigeon Pea Cultivars during Growth. Journal of Agricultural and Food Chemistry, 2013, 61, 10002-10009.	5.2	28
332	Synergistic Inhibition of Angiogenesis by Artesunate and CaptoprilIn VitroandIn Vivo. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-10.	1.2	28
333	2Î±-Hydroxyalantolactone from Pulicaria undulata: activity against multidrug-resistant tumor cells and modes of action. Phytomedicine, 2021, 81, 153409.	5.3	28
334	Interaction of antihistaminic drugs with human translationally controlled tumor protein (TCTP) as novel approach for differentiation therapy. Oncotarget, 2016, 7, 16818-16839.	1.8	28
335	Pharmacogenomics of a traditional Japanese herbal medicine (Kampo) for cancer therapy. Cancer Genomics and Proteomics, 2007, 4, 81-91.	2.0	28
336	In Silico and In Vitro Identification of Pan-Coronaviral Main Protease Inhibitors from a Large Natural Product Library. Pharmaceuticals, 2022, 15, 308.	3.8	28
337	Methylthioadenosine Phosphorylase as Target for Chemoselective Treatment of T-Cell Acute Lymphoblastic Leukemic Cells. Blood Cells, Molecules, and Diseases, 2002, 28, 47-56.	1.4	27
338	Antiangiogenic Activity and Pharmacogenomics of Medicinal Plants from Traditional Korean Medicine. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-13.	1.2	27
339	Cytotoxic activity of medicinal plants of the Kakamega County (Kenya) against drug-sensitive and multidrug-resistant cancer cells. Journal of Ethnopharmacology, 2018, 215, 233-240.	4.1	27
340	Cytotoxicity of nimbolide towards multidrug-resistant tumor cells and hypersensitivity via cellular metabolic modulation. Oncotarget, 2018, 9, 35762-35779.	1.8	27
341	MCC1019, a selective inhibitor of the Polo-box domain of Polo-like kinase 1 as novel, potent anticancer candidate. Acta Pharmaceutica Sinica B, 2019, 9, 1021-1034.	12.0	27
342	The intestinal 3M (microbiota, metabolism, metabolome) zeitgeist â€“ from fundamentals to future challenges. Free Radical Biology and Medicine, 2021, 176, 265-285.	2.9	27

#	Article	IF	Citations
343	Plasma pharmacokinetics and tissue distribution study of cajaninstilbene acid in rats by liquid chromatography with tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2010, 52, 273-279.	2.8	26
344	Perspectives for Globalized Natural Medicines. Chinese Journal of Natural Medicines, 2011, 9, 1-6.	1.3	26
345	Resin adsorption as a means to enrich rare stilbenes and coumarin from pigeon pea leaves extracts. Chemical Engineering Journal, 2011, 172, 864-871.	12.7	26
346	Enzyme pretreatment and negative pressure cavitation extraction of genistein and apigenin from the roots of pigeon pea [Cajanus cajan (L.) Millsp.] and the evaluation of antioxidant activity. Industrial Crops and Products, 2012, 37, 311-320.	5.2	26
347	Miltirone Induces G2/M Cell Cycle Arrest and Apoptosis in CCRF-CEM Acute Lymphoblastic Leukemia Cells. Journal of Natural Products, 2015, 78, 1339-1347.	3.0	26
348	Synthesis and cytotoxic activity of new artemisinin hybrid molecules against human leukemia cells. Bioorganic and Medicinal Chemistry, 2017, 25, 3357-3367.	3.0	26
349	Synthesis and in vitro biological evaluation of novel diaminothiophene scaffolds as antitumor and anti-influenza virus agents. Part 2. RSC Advances, 2017, 7, 31417-31427.	3.6	26
350	Lawsone derivatives target the Wnt/Î²-catenin signaling pathway in multidrug-resistant acute lymphoblastic leukemia cells. Biochemical Pharmacology, 2017, 146, 63-73.	4.4	26
351	The Chinese herbal formula Free and Easy Wanderer ameliorates oxidative stress through KEAP1-NRF2/HO-1 pathway. Scientific Reports, 2017, 7, 11551.	3.3	26
352	Antileukemic ancistrobenomine B and related 5,1â€²-coupled naphthylisoquinoline alkaloids from the Chinese liana Ancistrocladus tectorius. FÃ¬toterapÃ¬Ã¢, 2017, 121, 76-85.	2.2	26
353	Induction of Apoptosis, Autophagy and Ferroptosis by Thymus vulgaris and Arctium lappa Extract in Leukemia and Multiple Myeloma Cell Lines. Molecules, 2020, 25, 5016.	3.8	26
354	Organophosphate ester tri-o-cresyl phosphate interacts with estrogen receptor Î± in MCF-7 breast cancer cells promoting cancer growth. Toxicology and Applied Pharmacology, 2020, 395, 114977.	2.8	26
355	Genomic Imbalances in Drug-Resistant T-Cell Acute Lymphoblastic CEM Leukemia Cell Lines. Blood Cells, Molecules, and Diseases, 2002, 29, 1-13.	1.4	25
356	Cytotoxicity and inhibition of P-glycoprotein by selected medicinal plants from Thailand. Journal of Ethnopharmacology, 2014, 155, 633-641.	4.1	25
357	Antiproliferative activity against leukemia cells of sesquiterpene lactones from the Turkish endemic plant Centaurea drabifolia subsp. detonsa. FÃ¬toterapÃ¬Ã¢, 2017, 120, 98-102.	2.2	25
358	Phytochemical inhibitors of the NLRP3 inflammasome for the treatment of inflammatory diseases. Pharmacological Research, 2021, 170, 105710.	7.1	25
359	Botanicals and phytochemicals from the bark of Hypericum roeperianum (Hypericaceae) had strong antibacterial activity and showed synergistic effects with antibiotics against multidrug-resistant bacteria expressing active efflux pumps. Journal of Ethnopharmacology, 2021, 277, 114257.	4.1	25
360	The Impact of Artificial Intelligence on Traditional Chinese Medicine. The American Journal of Chinese Medicine, 2021, 49, 1297-1314.	3.8	25

#	Article	IF	Citations
361	Role of medicinal plants in inhibiting SARS-CoV-2 and in the management of post-COVID-19 complications. Phytomedicine, 2022, 98, 153930.	5.3	25
362	5-Azacytidine Modulates the Response of Sensitive and Multidrug-Resistant K562 Leukemic Cells to Cytostatic Drugs. Blood Cells, Molecules, and Diseases, 2001, 27, 637-648.	1.4	24
363	Cytotoxic and New Tetralone Derivatives fromBerchemia floribunda (Wall.)Brongn.. Chemistry and Biodiversity, 2006, 3, 646-653.	2.1	24
364	New Glycosides fromTetracentron sinense and Their Cytotoxic Activity. Chemistry and Biodiversity, 2006, 3, 1023-1030.	2.1	24
365	Daedalea gibbosa substances inhibit LPS-induced expression of iNOS by suppression of NF-Î²B and MAPK activities in RAW 264.7 macrophage cells. International Journal of Molecular Medicine, 2010, 25, 421-32.	4.0	24
366	Evaluation of drug transporters' significance for multidrug resistance in head and neck squamous cell carcinoma. Head and Neck, 2011, 33, 959-968.	2.0	24
367	Integration of Different â€œ-omicsâ€•Technologies Identifies Inhibition of the IGF1R-Akt-mTOR Signaling Cascade Involved in the Cytotoxic Effect of Shikonin against Leukemia Cells. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-11.	1.2	24
368	Cytotoxicity of the bisphenolic honokiol from Magnolia officinalis against multiple drug-resistant tumor cells as determined by pharmacogenomics and molecular docking. Phytomedicine, 2014, 21, 1525-1533.	5.3	24
369	Aptamers as a novel tool for diagnostics and therapy. Investigational New Drugs, 2015, 33, 513-520.	2.6	24
370	Fatal Liver and Bone Marrow Toxicity by Combination Treatment of Dichloroacetate and Artesunate in a Glioblastoma Multiforme Patient: Case Report and Review of the Literature. Frontiers in Oncology, 2016, 6, 204.	2.8	24
371	Ancistectorine D, a naphthylisoquinoline alkaloid with antiprotozoal and antileukemic activities, and further 5,8'- and 7,1'-linked metabolites from the Chinese liana Ancistrocladus tectorius. FÃ¬toterapÃ¬Ã¢, 2016, 115, 1-8.	2.2	24
372	Treatment of Multidrug-Resistant Leukemia Cells by Novel Artemisinin-, Egonol-, and Thymoquinone-Derived Hybrid Compounds. Molecules, 2018, 23, 841.	3.8	24
373	Cytotoxicity of Crude Extract and Isolated Constituents of theDichrostachys cinereaBark towards Multifactorial Drug-Resistant Cancer Cells. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-11.	1.2	24
374	Chondroprotective effects of platelet lysate towards monoiodoacetate-induced arthritis by suppression of TNF-Î±-induced activation of NF-Ä¸B pathway in chondrocytes. Aging, 2019, 11, 2797-2811.	3.1	24
375	A Machine Learning-Based Prediction Platform for P-Glycoprotein Modulators and Its Validation by Molecular Docking. Cells, 2019, 8, 1286.	4.1	24
376	Comprehensive Overview on Multiple Strategies Fighting COVID-19. International Journal of Environmental Research and Public Health, 2020, 17, 5813.	2.6	24
377	Bioactivity of fractions and constituents of Piper capense fruits towards a broad panel of cancer cells. Journal of Ethnopharmacology, 2021, 271, 113884.	4.1	24
378	Detection of the multidrug resistant phenotype in human tumours by monoclonal antibodies and the streptavidin-biotinylated phycoerythrin complex method. European Journal of Cancer & Clinical Oncology, 1989, 25, 743-749.	0.7	23

#	ARTICLE	IF	CITATIONS
379	The Antibacterial Activity of Clove Essential Oil Against Propionibacterium acnes and Its Mechanism of Action. Archives of Dermatology, 2009, 145, 86-8.	1.4	23
380	Transcript profiling identifies novel key players mediating the growth inhibitory effect of NS-398 on human pancreatic cancer cells. European Journal of Pharmacology, 2011, 650, 170-177.	3.5	23
381	Glycyrrhizic acid nanoparticles inhibit LPS-induced inflammatory mediators in 264.7 mouse macrophages compared with unprocessed glycyrrhizic acid. International Journal of Nanomedicine, 2013, 8, 1377.	6.7	23
382	Exploring natural products-based cancer therapeutics derived from egyptian flora. Journal of Ethnopharmacology, 2021, 269, 113626.	4.1	23
383	Induced multidrug resistance in murine leukemia L1210 and associated changes in a surface-membrane glycoprotein. Journal of Cancer Research and Clinical Oncology, 1989, 115, 17-24.	2.5	22
384	Genomic gain of the epidermal growth factor receptor harboring band 7p12 is part of a complex pattern of genomic imbalances in oral squamous cell carcinomas. Archives of Medical Research, 2004, 35, 385-394.	3.3	22
385	Hydrogenation of the Câ€“C double bond of maleimides with cultured plant cells. Journal of Molecular Catalysis B: Enzymatic, 2005, 32, 131-134.	1.8	22
386	Asymmetric hydrogenation of the Câ€“C double bond of 1- and 1,2-methylated maleimides with cultured suspension cells of Marchantia polymorpha. Tetrahedron: Asymmetry, 2006, 17, 1859-1862.	1.8	22
387	Factors Determining Sensitivity and Resistance of Tumor Cells to Arsenic Trioxide. PLoS ONE, 2012, 7, e35584.	2.5	22
388	Effects of Acupuncture on Leucopenia, Neutropenia, NK, and B Cells in Cancer Patients: A Randomized Pilot Study. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-9.	1.2	22
389	Cytotoxic Compounds from the Fruits of Uapaca togoensis towards Multifactorial Drug-Resistant Cancer Cells. Planta Medica, 2014, 81, 32-38.	1.3	22
390	The lignan, (â˜)-sesamin reveals cytotoxicity toward cancer cells: Pharmacogenomic determination of genes associated with sensitivity or resistance. Phytomedicine, 2014, 21, 689-696.	5.3	22
391	Cytotoxicity of two naturally occurring flavonoids (dorsmanin F and poinsettifolin B) towards multi-factorial drug-resistant cancer cells. Phytomedicine, 2015, 22, 737-743.	5.3	22
392	Pharmacogenomic and molecular docking studies on the cytotoxicity of the natural steroid wortmannin against multidrug-resistant tumor cells. Phytomedicine, 2015, 22, 120-127.	5.3	22
393	Repurposing of Bromocriptine for Cancer Therapy. Frontiers in Pharmacology, 2018, 9, 1030.	3.5	22
394	In Vitro Study of the Cytotoxic, Cytostatic, and Antigenotoxic Profile of Hemidesmus indicus (L.) R.Br. (Apocynaceae) Crude Drug Extract on T Lymphoblastic Cells. Toxins, 2018, 10, 70.	3.4	22
395	Application of integrative cloud point extraction and concentration for the analysis of polyphenols and alkaloids in mulberry leaves. Journal of Pharmaceutical and Biomedical Analysis, 2019, 167, 132-139.	2.8	22
396	Adaptogens in chemobrain (Part I): Plant extracts attenuate cancer chemotherapy-induced cognitive impairment â€“ Transcriptome-wide microarray profiles of neuroglia cells. Phytomedicine, 2019, 55, 80-91.	5.3	22

#	Article	IF	Citations
397	Cytotoxic flavonoids from two Lonchocarpus species. Natural Product Research, 2019, 33, 2609-2617.	1.8	22
398	Growth factors-based beneficial effects of platelet lysate on umbilical cord-derived stem cells and their synergistic use in osteoarthritis treatment. Cell Death and Disease, 2020, 11, 857.	6.3	22
399	Blue Biotechnology: Computational Screening of Sarcophyton Cembranoid Diterpenes for SARS-CoV-2 Main Protease Inhibition. Marine Drugs, 2021, 19, 391.	4.6	22
400	Immunogenicity of mammary tumor cells can be induced by shikonin via direct binding-interference with hnRNPA1. Oncotarget, 2016, 7, 43629-43653.	1.8	22
401	In vitro Cytotoxicity and P-Glycoprotein Modulating Effects of Geranylated Furocoumarins from Tetradium daniellii. Planta Medica, 2007, 73, 1475-1478.	1.3	21
402	Simultaneous determination of main taxoids in Taxus needles extracts by solidâ€phase extractionâ€highâ€performance liquid chromatography with pentafluorophenyl column. Biomedical Chromatography, 2009, 23, 63-70.	1.7	21
403	Cytotoxicity, anti-angiogenic, apoptotic effects and transcript profiling of a naturally occurring naphthyl butenone, guieranone A. Cell Division, 2012, 7, 16.	2.4	21
404	Up-regulation of cholesterol associated genes as novel resistance mechanism in glioblastoma cells in response to archazolid B. Toxicology and Applied Pharmacology, 2014, 281, 78-86.	2.8	21
405	Phytochemical profile and bioactivity of traditional ayurvedic decoctions and hydro-alcoholic macerations ofBoerhaavia diffusaL. andCurculigo orchioidesGaertn.. Natural Product Research, 2015, 29, 2071-2079.	1.8	21
406	Synthesis and biological evaluation of a D-ring-contracted analogue of lamellarin D. Bioorganic and Medicinal Chemistry, 2017, 25, 6137-6148.	3.0	21
407	Artemisinin Derivatives Target Topoisomerase 1 and Cause DNA Damage in Silico and in Vitro. Frontiers in Pharmacology, 2017, 8, 711.	3.5	21
408	Polyacanthoside A, a new oleanane-type triterpenoid saponin with cytotoxic effects from the leaves of Acacia polyacantha (Fabaceae). Natural Product Research, 2019, 33, 3521-3526.	1.8	21
409	Interactions between artemisinin derivatives and P-glycoprotein. Phytomedicine, 2019, 60, 152998.	5.3	21
410	Broad-spectrum Cross-resistance to Anticancer Drugs Mediated by Epidermal Growth Factor Receptor. Anticancer Research, 2019, 39, 3585-3593.	1.1	21
411	Effect of ABC transporter expression and mutational status on survival rates of cancer patients. Biomedicine and Pharmacotherapy, 2020, 131, 110718.	5.6	21
412	Investigation of cancer drug resistance mechanisms by phosphoproteomics. Pharmacological Research, 2020, 160, 105091.	7.1	21
413	Cytotoxicity of fagaramide derivative and canthin-6-one from Zanthoxylum (Rutaceae) species against multidrug resistant leukemia cells. Natural Product Research, 2021, 35, 579-586.	1.8	21
414	Dendrobium officinale Polysaccharide Alleviates Intestinal Inflammation by Promoting Small Extracellular Vesicle Packaging of miR-433-3p. Journal of Agricultural and Food Chemistry, 2021, 69, 13510-13523.	5.2	21

#	Article	IF	Citations
415	Immunohistochemical detection of the multi-drug-resistance marker P-glycoprotein in uterine cervical carcinomas and normal cervical tissue. American Journal of Obstetrics and Gynecology, 1992, 166, 825-829.	1.3	20
416	Combination treatment of malignant B cells using the anti-CD20 antibody rituximab and the anti-malarial artesunate. International Journal of Oncology, 2009, 35, 149-58.	3.3	20
417	Sensitivity and resistance towards isoliquiritigenin, doxorubicin and methotrexate in T cell acute lymphoblastic leukaemia cell lines by pharmacogenomics. Naunyn-Schmiedeberg's Archives of Pharmacology, 2010, 382, 221-234.	3.0	20
418	Natural Products in Structure-Assisted Design of Molecular Cancer Therapeutics. Current Pharmaceutical Design, 2010, 16, 1718-1741.	1.9	20
419	The endoperoxide ascaridol shows strong differential cytotoxicity in nucleotide excision repair-deficient cells. Toxicology and Applied Pharmacology, 2012, 259, 302-310.	2.8	20
420	Microwave-Assisted Synthesis of New Selenazole Derivatives with Antiproliferative Activity. Molecules, 2013, 18, 4679-4688.	3.8	20
421	GPR84 and TREM-1 Signaling Contribute to the Pathogenesis of Reflux Esophagitis. Molecular Medicine, 2015, 21, 1011-1024.	4.4	20
422	Both Phenolic and Non-phenolic Green Tea Fractions Inhibit Migration of Cancer Cells. Frontiers in Pharmacology, 2016, 7, 398.	3.5	20
423	In Vivo Cardiotoxicity Induced by Sodium Aescinate in Zebrafish Larvae. Molecules, 2016, 21, 190.	3.8	20
424	Synthetic cajanin stilbene acid derivatives inhibit c-MYC in breast cancer cells. Archives of Toxicology, 2016, 90, 575-588.	4.2	20
425	Cytotoxicity of an unprecedented brominated oleanolide and a new furoceramide from the Cameroonian spice, Echinops giganteus. Natural Product Research, 2016, 30, 2529-2537.	1.8	20
426	Euphosantianane Aâ€“D: Antiproliferative Premyrsinane Diterpenoids from the Endemic Egyptian Plant Euphorbia Sanctae-Catharinae. Molecules, 2018, 23, 2221.	3.8	20
427	Ancistrolikokine I and further 5,8â€²-coupled naphthylisoquinoline alkaloids from the Congolese liana Ancistrocladus likoko and their cytotoxic activities against drug-sensitive and multidrug resistant human leukemia cells. FÃ¬toterapÃ¬Ã¢, 2018, 129, 114-125.	2.2	20
428	Repurposing of artemisinin-type drugs for the treatment of acute leukemia. Seminars in Cancer Biology, 2021, 68, 291-312.	9.6	20
429	Antibody-directed therapy of multidrug-resistant tumor cells. Medical Oncology and Tumor Pharmacotherapy, 1992, 9, 11-19.	1.1	20
430	Anti-Fas/Apo-1 Monoclonal Antibody CH-11 Depletes Glutathione and Kills Multidrug-Resistant Human Leukemic Cells. Blood Cells, Molecules, and Diseases, 1996, 22, 2-9.	1.4	19
431	Protein expression profile of primary human squamous cell lung carcinomas indicative of the incidence of metastases. Clinical and Experimental Metastasis, 2002, 19, 385-390.	3.3	19
432	Diagnosis and therapy of oral squamous cell carcinoma. Expert Review of Anticancer Therapy, 2007, 7, 317-329.	2.4	19

#	Article	IF	Citations
433	Cajanol Inhibits the Growth ofEscherichia coliandStaphylococcus aureusby Acting on Membrane and DNA Damage. Planta Medica, 2011, 77, 158-163.	1.3	19
434	Phytomedicine in Otorhinolaryngology and Pulmonology: Clinical Trials with Herbal Remedies. Pharmaceuticals, 2012, 5, 853-874.	3.8	19
435	Aspidin PB, a phloroglucinol derivative, induces apoptosis in human hepatocarcinoma HepG2 cells by modulating PI3K/Akt/GSK3Î² pathway. Chemico-Biological Interactions, 2013, 201, 1-8.	4.0	19
436	Quinones and Benzophenones from the Medicinal Plants of Africa. , 2013, , 351-391.		19
437	Activity of the antiestrogenic cajanin stilbene acid towards breast cancer. Journal of Nutritional Biochemistry, 2015, 26, 1273-1282.	4.2	19
438	Targeting epidermal growth factor receptors and downstream signaling pathways in cancer by phytochemicals. Targeted Oncology, 2015, 10, 337-353.	3.6	19
439	Effects of qigong on performance-related anxiety and physiological stress functions in transverse flute music schoolchildren: a feasibility study. Zhong Xi Yi Jie He Xue Bao, 2012, 10, 858-865.	0.7	19
440	An effective negative pressure cavitation-microwave assisted extraction for determination of phenolic compounds in P. calliantha H. Andr.. Analyst, The, 2013, 138, 4631.	3.5	18
441	Anti-inflammatory Effects of Herbal Preparations STW5 and STW5-II in Cytokine-Challenged Normal Human Colon Cells. Frontiers in Pharmacology, 2016, 7, 393.	3.5	18
442	Peptide aptamer identified by molecular docking targeting translationally controlled tumor protein in leukemia cells. Investigational New Drugs, 2016, 34, 515-521.	2.6	18
443	Introduction: Novel hybrid combinations containing synthetic or antibiotic drugs with plant-derived phenolic or terpenoid compounds. Phytomedicine, 2017, 37, 1-3.	5.3	18
444	Oridonin Targets Multiple Drug-Resistant Tumor Cells as Determined by in Silico and in Vitro Analyses. Frontiers in Pharmacology, 2018, 9, 355.	3.5	18
445	Cytotoxicity of abietane diterpenoids from Salvia multicaulis towards multidrug-resistant cancer cells. FÃ¬toterapÃ¬Ã¢, 2018, 130, 54-60.	2.2	18
446	Collateral sensitivity of drug-resistant ABCB5- and mutation-activated EGFR overexpressing cells towards resveratrol due to modulation of SIRT1 expression. Phytomedicine, 2019, 59, 152890.	5.3	18
447	Multiple modes of cell death in neuroendocrine tumors induced by artesunate. Phytomedicine, 2020, 79, 153332.	5.3	18
448	Cytotoxic phytochemicals from the crude extract of Tetrapleura tetraptera fruits towards multi-factorial drug resistant cancer cells. Journal of Ethnopharmacology, 2021, 267, 113632.	4.1	18
449	Multi-omics approaches to improve malaria therapy. Pharmacological Research, 2021, 167, 105570.	7.1	18
450	Antiproliferative Potential of African Medicinal Plants. , 2013, , 711-724.		17

#	Article	IF	Citations
451	Bacteria-Derived Compatible Solutes Ectoine and 5Î±-Hydroxyectoine Act as Intestinal Barrier Stabilizers to Ameliorate Experimental Inflammatory Bowel Disease. Journal of Natural Products, 2015, 78, 1309-1315.	3.0	17
452	Cytotoxicity ofSalvia miltiorrhizaAgainst Multidrug-Resistant Cancer Cells. The American Journal of Chinese Medicine, 2016, 44, 871-894.	3.8	17
453	Identification of NF-ÎºB as Determinant of Posttraumatic Stress Disorder and Its Inhibition by the Chinese Herbal Remedy Free and Easy Wanderer. Frontiers in Pharmacology, 2017, 8, 181.	3.5	17
454	Natural Products as a Source for New Leads in Cancer Research and Treatment. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-2.	1.2	17
455	Multifactorial Modes of Action of Arsenic Trioxide in Cancer Cells as Analyzed by Classical and Network Pharmacology. Frontiers in Pharmacology, 2018, 9, 143.	3.5	17
456	Glucose-6-phosphate dehydrogenase (G6PD) deficiencyâ€“type Zurich: a splice site mutation as an uncommon mechanism producing enzyme deficiency. Blood, 2004, 104, 2608-2608.	1.4	16
457	Enhanced extraction of astragalosides from Radix Astragali by negative pressure cavitation-accelerated enzyme pretreatment. Bioresource Technology, 2010, 101, 7462-7471.	9.6	16
458	Cytotoxicity and Pharmacogenomics of Medicinal Plants from Traditional Korean Medicine. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-14.	1.2	16
459	Identification of cellular and molecular factors determining the response of cancer cells to six ergot alkaloids. Investigational New Drugs, 2015, 33, 32-44.	2.6	16
460	Negative-pressure cavitation coupled with aqueous two-phase extraction and enrichment of flavonoids and stilbenes from the pigeon pea leaves and the evaluation of antioxidant activities. Separation and Purification Technology, 2015, 156, 116-123.	7.9	16
461	Cryptotanshinone deregulates unfolded protein response and eukaryotic initiation factor signaling in acute lymphoblastic leukemia cells. Phytomedicine, 2016, 23, 174-180.	5.3	16
462	Total coumarins of Hedyotis diffusa induces apoptosis of myelodysplastic syndrome SKM-1 cells by activation of caspases and inhibition of PI3K/Akt pathway proteins. Journal of Ethnopharmacology, 2017, 196, 253-260.	4.1	16
463	Cytotoxicity and antimitotic activity of Rhinella schneideri and Rhinella marina venoms. Journal of Ethnopharmacology, 2019, 242, 112049.	4.1	16
464	A selective inhibitor of the Polo-box domain of Polo-like kinase 1 identified by virtual screening. Journal of Advanced Research, 2019, 16, 145-156.	9.5	16
465	Screening of potent phytochemical inhibitors against SARS-CoV-2 protease and its two Asian mutants. Computers in Biology and Medicine, 2021, 133, 104362.	7.0	16
466	Anti-inflammatory and tight junction protective activity of the herbal preparation STW 5-II on mouse intestinal organoids. Phytomedicine, 2021, 88, 153589.	5.3	16
467	Chemoprevention and therapeutic role of essential oils and phenolic compounds: Modeling tumor microenvironment in glioblastoma. Pharmacological Research, 2021, 169, 105638.	7.1	16
468	Phytochemicals with activity against methicillin-resistant Staphylococcus aureus. Phytomedicine, 2022, 100, 154073.	5.3	16

#	Article	IF	Citations
469	Relationship of DNA ploidy to chemoresistance of tumors as measured by in vitro tests. Cytometry, 1990, 11, 406-410.	1.8	15
470	Characterization of Five Fungal Endophytes Producing Cajaninstilbene Acid Isolated from Pigeon Pea [Cajanus cajan (L.) Millsp.]. PLoS ONE, 2011, 6, e27589.	2.5	15
471	Targeting the mitochondrial pathway to induce apoptosis/necrosis through ROS by a newly developed Schiffâ€™s base to overcome MDR in cancer. Biochimie, 2012, 94, 166-183.	2.6	15
472	Pharmacogenomic determination of genes associated with sensitivity or resistance of tumor cells to curcumin and curcumin derivatives. Journal of Nutritional Biochemistry, 2012, 23, 875-884.	4.2	15
473	Differential interactions of the broad spectrum drugs artemisinin, dihydroartemisinin and artesunate with serum albumin. Phytomedicine, 2013, 20, 969-974.	5.3	15
474	Unprecedented new nonadecylpara-hydroperoxycinnamate isolated fromErythrina excelsaand its cytotoxic activity. Natural Product Research, 2015, 29, 921-925.	1.8	15
475	Cytotoxic bufadienolides from the leaves of a medicinal plant Melianthus comosus collected in South Africa. Bioorganic Chemistry, 2020, 102, 104102.	4.1	15
476	In vivo acute toxicity of detoxified Fuzi (lateral root of Aconitum carmichaeli) after a traditional detoxification process. EXCLI Journal, 2018, 17, 889-899.	0.7	15
477	Green tea-derived theabrownin suppresses human non-small cell lung carcinoma in xenograft model through activation of not only p53 signaling but also MAPK/JNK signaling pathway. Journal of Ethnopharmacology, 2022, 291, 115167.	4.1	15
478	Broken heart, tako-tsubo or stress cardiomyopathy? Metaphors, meanings and their medical impact. International Journal of Cardiology, 2017, 230, 262-268.	1.7	14
479	Bisphenolic compounds alter gene expression in MCF-7 cells through interaction with estrogen receptor Î±. Toxicology and Applied Pharmacology, 2020, 399, 115030.	2.8	14
480	Putative molecular determinants mediating sensitivity or resistance towards carnosic acid tumor cell responses. Phytomedicine, 2020, 77, 153271.	5.3	14
481	Cytotoxicity and apoptosis induction by Fumaria officinalis extracts in leukemia and multiple myeloma cell lines. Journal of Ethnopharmacology, 2021, 266, 113458.	4.1	14
482	Pyrrolizidine alkaloids cause cell cycle and DNA damage repair defects as analyzed by transcriptomics in cytochrome P450 3A4-overexpressing HepG2 clone 9 cells. Cell Biology and Toxicology, 2022, 38, 325-345.	5.3	14
483	Polyoxypregnanes as safe, potent, and specific ABCB1-inhibitory pro-drugs to overcome multidrug resistance in cancer chemotherapy inÂvitro and inÂvivo. Acta Pharmaceutica Sinica B, 2021, 11, 1885-1902.	12.0	14
484	Epigenetic Alterations Upstream and Downstream of p53 Signaling in Colorectal Carcinoma. Cancers, 2021, 13, 4072.	3.7	14
485	Quantitative structure-activity relationship and molecular docking of artemisinin derivatives to vascular endothelial growth factor receptor 1. Anticancer Research, 2015, 35, 1929-34.	1.1	14
486	In Silico and In Vitro Screening of 50 Curcumin Compounds as EGFR and NF-ÎºB Inhibitors. International Journal of Molecular Sciences, 2022, 23, 3966.	4.1	14

#	Article	IF	Citations
487	Heterocycles 44. Synthesis, characterization and anticancer activity of new thiazole ortho-hydroxychalcones. Medicinal Chemistry Research, 2018, 27, 1396-1407.	2.4	13
488	Phytochemical constituents and chemosystematic significance of Pulicaria jaubertii E.Gamal-Eldin (Asteraceae). Phytochemistry Letters, 2018, 24, 105-109.	1.2	13
489	Synergy assessments of plant extracts used in the treatment of stress and aging-related disorders. Synergy, 2018, 7, 39-48.	1.1	13
490	Biopiracy versus One-World Medicineâ€"From colonial relicts to global collaborative concepts. Phytomedicine, 2019, 53, 319-331.	5.3	13
491	Relationship between EGFR expression and subcellular localization with cancer development and clinical outcome. Oncotarget, 2019, 10, 1918-1931.	1.8	13
492	Small molecule inhibitors and stimulators of inducible nitric oxide synthase in cancer cells from natural origin (phytochemicals, marine compounds, antibiotics). Biochemical Pharmacology, 2020, 176, 113792.	4.4	13
493	Inhibition of cell migration and induction of apoptosis by a novel class II histone deacetylase inhibitor, MCC2344. Pharmacological Research, 2020, 160, 105076.	7.1	13
494	The triterpenoid ursolic acid ameliorates stress in Caenorhabditis elegans by affecting the depression-associated genes skn-1 and prdx2. Phytomedicine, 2021, 88, 153598.	5.3	13
495	Qigong therapy for physiotherapists suffering from burnout: a preliminary study. Zhong Xi Yi Jie He Xue Bao, 2012, 10, 1233-1239.	0.7	13
496	Inhibition of epidermal growth factor receptor-overexpressing cancer cells by camptothecin, 20-(N,N-diethyl) glycinate. Biochemical Pharmacology, 2010, 80, 39-49.	4.4	12
497	Molecular Determinants of the Response of Tumor Cells to Boswellic Acids. Pharmaceuticals, 2011, 4, 1171-1182.	3.8	12
498	In Vitro Antioxidant and Cytotoxic Activities of 18 Plants from the Erkowit Region, Eastern Sudan. Natural Products and Bioprospecting, 2018, 8, 97-105.	4.3	12
499	Cytotoxicity of sesquiterpene alkaloids from Nuphar plants toward sensitive and drug-resistant cell lines. Food and Function, 2018, 9, 6279-6286.	4.6	12
500	Adaptogens in chemobrain (Part III): Antitoxic effects of plant extracts towards cancer chemotherapy-induced toxicity - transcriptome-wide microarray analysis of neuroglia cells. Phytomedicine, 2019, 56, 246-260.	5.3	12
501	Steroidal saponins from Raphia vinifera and their cytotoxic activity. Steroids, 2020, 163, 108724.	1.8	12
502	Cytotoxic alkaloids from the root of Zanthoxylum paracanthum (mildbr) Kokwaro. Natural Product Research, 2022, 36, 2518-2525.	1.8	12
503	Three-Dimensional Modeling of Glucose-6-phosphate Dehydrogenase-Deficient Variants from German Ancestry. PLoS ONE, 2007, 2, e625.	2.5	12
504	Can heat and cold be parameterized? Clinical data of a preliminary study. Zhong Xi Yi Jie He Xue Bao, 2012, 10, 532-537.	0.7	12

#	Article	IF	Citations
505	Green tea-derived theabrownin induces cellular senescence and apoptosis of hepatocellular carcinoma through p53 signaling activation and bypassed JNK signaling suppression. Cancer Cell International, 2022, 22, 39.	4.1	12
506	A Five-year Survey of Cancer Prevalence in Sudan. Anticancer Research, 2016, 36, 279-86.	1.1	12
507	Investigation of the influence of chirality and halogen atoms on the anticancer activity of enantiopure palladium(<scp>ii</scp>) complexes derived from chiral amino-alcohol Schiff bases and 2-picolylamine. New Journal of Chemistry, 2022, 46, 6470-6483.	2.8	12
508	Transport processes of radiopharmaceuticals and -modulators. Radiation Oncology, 2011, 6, 59.	2.7	11
509	Fighting mycobacterial infections by antibiotics, phytochemicals and vaccines. Microbes and Infection, 2011, 13, 613-623.	1.9	11
510	Coronaviral Ion Channels as Target for Chinese Herbal Medicine. Forum on Immunopathological Diseases and Therapeutics, 2012, 3, 1-13.	0.1	11
511	Objectifying Acupuncture Effects by Lung Function and Numeric Rating Scale in Patients Undergoing Heart Surgery. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-7.	1.2	11
512	Elatumic Acid: A New Ursolic Acid Congener from Omphalocarpum elatum Miers (Sapotaceae). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2014, 69, 276-282.	1.4	11
513	Phytochemicals for the treatment of inflammatory bowel diseases. Phytochemistry Reviews, 2014, 13, 629-642.	6.5	11
514	Novel sequential stress model for functional dyspepsia: Efficacy of the herbal preparation STW5. Phytomedicine, 2015, 22, 588-595.	5.3	11
515	Selective inhibition of P-gp transporter by goniothalamin derivatives sensitizes resistant cancer cells to chemotherapy. Journal of Natural Medicines, 2019, 73, 226-235.	2.3	11
516	Vitamin K3 chloro derivative (VKT-2) inhibits HDAC6, activates autophagy and apoptosis, and inhibits aggresome formation in hepatocellular carcinoma cells. Biochemical Pharmacology, 2020, 180, 114176.	4.4	11
517	Cytotoxicity of botanicals and isolated phytochemicals from Araliopsis soyauxii Engl. (Rutaceae) towards a panel of human cancer cells. Journal of Ethnopharmacology, 2021, 267, 113535.	4.1	11
518	Ursolic acid ameliorates stress and reactive oxygen species in C. elegans knockout mutants by the dopamine Dop1 and Dop3 receptors. Phytomedicine, 2021, 81, 153439.	5.3	11
519	A novel moniliformin derivative as pan-inhibitor of histone deacetylases triggering apoptosis of leukemia cells. Biochemical Pharmacology, 2021, 194, 114677.	4.4	11
520	Identification of novel drug resistance mechanisms by genomic and transcriptomic profiling of glioblastoma cells with mutation-activated EGFR. Life Sciences, 2021, 284, 119601.	4.3	11
521	Synthesis, computational docking and biological evaluation of celastrol derivatives as dual inhibitors of SERCA and P-glycoprotein in cancer therapy. European Journal of Medicinal Chemistry, 2021, 224, 113676.	5.5	11
522	Ursolic acid enhances stress resistance, reduces ROS accumulation and prolongs life span in C. elegans serotonin-deficient mutants. Food and Function, 2021, 12, 2242-2256.	4.6	11

#	Article	IF	Citations
523	Network Pharmacology of Ginseng (Part II): The Differential Effects of Red Ginseng and Ginsenoside Rg5 in Cancer and Heart Diseases as Determined by Transcriptomics. Pharmaceuticals, 2021, 14, 1010.	3.8	11
524	Repurposing of the ALK Inhibitor Crizotinib for Acute Leukemia and Multiple Myeloma Cells. Pharmaceuticals, 2021, 14, 1126.	3.8	11
525	Tanshinol suppresses osteosarcoma by specifically inducing apoptosis of U2-OS cells through p53-mediated mechanism. Journal of Ethnopharmacology, 2022, 292, 115214.	4.1	11
526	Medicinal plants and their secondary metabolites in alleviating knee osteoarthritis: A systematic review. Phytomedicine, 2022, 105, 154347.	5.3	11
527	Biotransformation of sesquiterpenoids having Î±,Î²-unsaturated carbonyl groups with cultured plant cells of Marchantia polymorpha. Journal of Molecular Catalysis B: Enzymatic, 2006, 39, 13-17.	1.8	10
528	Cytotoxic Activity of Isoliquiritigenin towards CCRFâ€CEM Leukemia Cells and its Effect on DNA Damage. Planta Medica, 2009, 75, 1134-1140.	1.3	10
529	Inhibition of inducible nitric oxide synthase by bis(helenalinyl)glutarate in RAW264.7 macrophages. Biochemical Pharmacology, 2010, 79, 1573-1580.	4.4	10
530	Efficient Lewis Acid Ionic Liquid-Catalyzed Synthesis of the Key Intermediate of Coenzyme Q10 under Microwave Irradiation. Molecules, 2010, 15, 9486-9495.	3.8	10
531	Utilizing inherent fluorescence of therapeutics to analyze real-time uptake and multi-parametric effector kinetics. Methods, 2012, 57, 376-382.	3.8	10
532	Inhibition of P-glycoprotein by two artemisinin derivatives. Natural Products and Bioprospecting, 2012, 2, 59-64.	4.3	10
533	Laurus nobilis L. Seed Extract Reveals Collateral Sensitivity in Multidrug-Resistant P-Glycoprotein-Expressing Tumor Cells. Nutrition and Cancer, 2015, 67, 664-675.	2.0	10
534	Extract of Caragana sinica as a potential therapeutic option for increasing alpha-secretase gene expression. Phytomedicine, 2015, 22, 1027-1036.	5.3	10
535	Role of TCTP for Cellular Differentiation and Cancer Therapy. Results and Problems in Cell Differentiation, 2017, 64, 263-281.	0.7	10
536	Cytotoxicity of Endoperoxides from the Caribbean Sponge Plakortis halichondrioides towards Sensitive and Multidrug-Resistant Leukemia Cells: Acids vs. Esters Activity Evaluation. Marine Drugs, 2017, 15, 63.	4.6	10
537	Ancistrocyclinones A and B, unprecedented pentacyclic N,C-coupled naphthylisoquinoline alkaloids, from the Chinese liana Ancistrocladus tectorius. Organic and Biomolecular Chemistry, 2018, 16, 1581-1590.	2.8	10
538	Prospecting for cytotoxic and antiprotozoal 4â€arylâ€4Hâ€chromenes and 10â€aryldihydropyrano[2,3â€f]chromenes. Archiv Der Pharmazie, 2018, 351, e1800100.	4.1	10
539	2â€²O-galloylhyperin attenuates LPS-induced acute lung injury via up-regulation antioxidation and inhibition of inflammatory responses in vivo. Chemico-Biological Interactions, 2019, 304, 20-27.	4.0	10
540	Agkistrodon ameliorates pain response and prevents cartilage degradation in monosodium iodoacetate-induced osteoarthritic rats by inhibiting chondrocyte hypertrophy and apoptosis. Journal of Ethnopharmacology, 2019, 231, 545-554.	4.1	10

#	Article	IF	Citations
541	Gastroprotective effects of ursolic acid isolated from Ochrosia elliptica on ethanol-induced gastric ulcer in rats. Medicinal Chemistry Research, 2020, 29, 113-125.	2.4	10
542	Cytotoxic polyoxygenated isopimarane diterpenoids from the edible rhizomes of Kaempferia galanga (kencur). Industrial Crops and Products, 2020, 158, 112965.	5.2	10
543	Cytotoxic Bufadienolides from the Leaves of Melianthus major. Journal of Natural Products, 2020, 83, 2122-2128.	3.0	10
544	Antiproliferative Properties of a Few Auranofin-Related Gold(I) and Silver(I) Complexes in Leukemia Cells and their Interferences with the Ubiquitin Proteasome System. Molecules, 2020, 25, 4454.	3.8	10
545	Molecular docking-based virtual drug screening revealing an oxofluorenyl benzamide and a bromonaphthalene sulfonamido hydroxybenzoic acid as HDAC6 inhibitors with cytotoxicity against leukemia cells. Biomedicine and Pharmacotherapy, 2020, 129, 110454.	5.6	10
546	Chemopreventive Property of Sencha Tea Extracts towards Sensitive and Multidrug-Resistant Leukemia and Multiple Myeloma Cells. Biomolecules, 2020, 10, 1000.	4.0	10
547	Cardiotoxicity and Cardioprotection by Artesunate in Larval Zebrafish. Dose-Response, 2020, 18, 155932581989718.	1.6	10
548	Anti-poliovirus activity of Nerium oleander aqueous extract. Natural Product Research, 2021, 35, 633-636.	1.8	10
549	Phytochemical characterization and biological activities of green tea (Camellia sinensis) produced in the Azores, Portugal. Phytomedicine Plus, 2021, 1, 100001.	2.0	10
550	Cytotoxic and chemotaxonomic study of isolated metabolites from Centaurea aegyptiaca. Journal of the Chinese Chemical Society, 2021, 68, 159-168.	1.4	10
551	Role of Levo-tetrahydropalmatine and its metabolites for management of chronic pain and opioid use disorders. Phytomedicine, 2021, 90, 153594.	5.3	10
552	The European directive on traditional herbal medicinal products: friend or foe for plant-based therapies?. Zhong Xi Yi Jie He Xue Bao, 2012, 10, 357-361.	0.7	10
553	Regulation of endoplasmic reticulum stress by hesperetin: Focus on antitumor and cytoprotective effects. Phytomedicine, 2022, 100, 153985.	5.3	10
554	Resistance mechanisms of cancer cells to the novel vacuolar H+-ATPase inhibitor archazolid B. Investigational New Drugs, 2014, 32, 893-903.	2.6	9
555	Role of P-Glycoprotein for Resistance of Tumors to Anticancer Drugs: From Bench to Bedside. Resistance To Targeted Anti-cancer Therapeutics, 2015, , 1-26.	0.1	9
556	Synthesis and Cytotoxicity of 1,4â€Ðihydropyridines and an Unexpected 1,3â€Oxazinâ€6â€one. Helvetica Chimica Acta, 2016, 99, 310-314.	1.6	9
557	Correlation of cultivation time of Panax ginseng with metabolic profiles of nine ginsenosides and mRNA expression of genes encoding major biosynthetic enzymes. Acta Physiologiae Plantarum, 2016, 38, 1.	2.1	9
558	Cell Harvesting Methods Affect Cellular Integrity of Adherent Cells During Apoptosis Detection. Anticancer Research, 2018, 38, 6669-6672.	1.1	9

#	Article	IF	Citations
559	Epimagnolin A, a tetrahydrofurofuranoid lignan from Magnolia fargesii, reverses ABCB1-mediated drug resistance. Phytomedicine, 2018, 51, 112-119.	5.3	9
560	Vitamin K3 thio-derivative: a novel specific apoptotic inducer in the doxorubicin-sensitive and -resistant cancer cells. Investigational New Drugs, 2020, 38, 650-661.	2.6	9
561	Induction of stress resistance and extension of lifespan in Chaenorhabditis elegans serotonin-receptor knockout strains by withanolide A. Phytomedicine, 2021, 84, 153482.	5.3	9
562	West meets east: open up a dialogue on phytomedicine. Chinese Medicine, 2021, 16, 57.	4.0	9
563	Pharmacogenetics and Pharmacotherapy of Military Personnel Suffering from Post-traumatic Stress Disorder. Current Neuropharmacology, 2017, 15, 831-860.	2.9	9
564	Retrospective study of small pet tumors treated with Artemisia annua and iron. International Journal of Oncology, 2020, 56, 123-138.	3.3	9
565	Nimbolide inhibits 2D and 3D prostate cancer cells migration, affects microtubules and angiogenesis and suppresses B-RAF/p.ERK-mediated in vivo tumor growth. Phytomedicine, 2022, 94, 153826.	5.3	9
566	Shikonin Inhibits Cell Growth of Sunitinib-Resistant Renal Cell Carcinoma by Activating the Necrosome Complex and Inhibiting the AKT/mTOR Signaling Pathway. Cancers, 2022, 14, 1114.	3.7	9
567	Naphthoquinone derivatives as P-glycoprotein inducers in inflammatory bowel disease: 2D monolayers, 3D spheroids, and in vivo models. Pharmacological Research, 2022, 179, 106233.	7.1	9
568	Molecular Characterization of a German Variant of Glucose-6-phosphate Dehydrogenase Deficiency (G6PD Aachen). Blood Cells, Molecules, and Diseases, 2000, 26, 101-104.	1.4	8
569	Synergism between rViscumin and cisplatin is not dependent on ERCC-1 expression. Cancer Letters, 2002, 187, 143-151.	7.2	8
570	Natural Products Derived from Traditional Chinese Medicine as Novel Inhibitors of the Epidermal Growth Factor Receptor. Combinatorial Chemistry and High Throughput Screening, 2010, 13, 849-854.	1.1	8
571	Growth inhibition of human acute lymphoblastic CCRF-CEM leukemia cells by medicinal plants of the West-Canadian Gwichâ€™in Native Americans. Natural Products and Bioprospecting, 2012, 2, 35-40.	4.3	8
572	Overcoming of P-glycoprotein-mediated multidrug resistance of tumors in vivo by drug combinations. Synergy, 2014, 1, 44-58.	1.1	8
573	Identification of fatal outcome in a childhood nasopharyngeal carcinoma patient by protein expression profiling. International Journal of Oncology, 2018, 53, 1721-1731.	3.3	8
574	Biopiracy of medicinal plants: Finding fair solutions for the use of natural resources. Phytomedicine, 2019, 53, 294-295.	5.3	8
575	Ruthenium(<scp>ii</scp>) and palladium(<scp>ii</scp>) homo- and heterobimetallic complexes: synthesis, crystal structures, theoretical calculations and biological studies. Dalton Transactions, 2019, 48, 15869-15887.	3.3	8
576	Adaptogens in chemobrain (Part II): Effect of plant extracts on chemotherapy-induced cytotoxicity in neuroglia cells. Phytomedicine, 2019, 58, 152743.	5.3	8

#	ARTICLE	IF	CITATIONS
577	Daphne striata Tratt. and D. mezereum L.: a study of anti-proliferative activity towards human cancer cells and antioxidant properties. Natural Product Research, 2019, 33, 1809-1812.	1.8	8
578	Terpenoid bio-transformations and applications via cell/organ cultures: a systematic review. Critical Reviews in Biotechnology, 2020, 40, 64-82.	9.0	8
579	Toxicity as prime selection criterion among SARS-active herbal medications. Phytomedicine, 2021, 85, 153476.	5.3	8
580	Anti-Inflammatory and Anti-Cancer Activity of Boswellic Acids from Frankincense (Boswellia serrata) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 303-313.	0.1	8
581	Cardioprotective effects of phytopigments via multiple signaling pathways. Phytomedicine, 2022, 95, 153859.	5.3	8
582	Inhibition inÂvivo of the activity of botulinum neurotoxin A by small molecules selected by virtual screening. Toxicon, 2012, 60, 1180-1190.	1.6	7
583	A phenolic ester from Aglaia loheri leaves reveals cytotoxicity towards sensitive and multidrug-resistant cancer cells. BMC Complementary and Alternative Medicine, 2013, 13, 286.	3.7	7
584	Alkamides from Echinacea angustifolia Interact with P-Glycoprotein of Primary Brain Capillary Endothelial Cells Isolated from Porcine Brain Blood Vessels. Planta Medica, 2013, 79, 214-218.	1.3	7
585	Contributions from emerging transcriptomics technologies and computational strategies for drug discovery. Investigational New Drugs, 2014, 32, 1316-1319.	2.6	7
586	Anti-leukemia activity of semi-synthetic phenolic derivatives from Polygonum limbatum Meisn.. Chemistry Central Journal, 2015, 9, 40.	2.6	7
587	Cytotoxicity of medicinal plants of the West-Canadian Gwich×³in Native Americans towards sensitive and multidrug-resistant cancer cells. Journal of Ethnopharmacology, 2015, 168, 191-200.	4.1	7
588	Editorial: Chemoprevention of cancer by natural products. Cancer Letters, 2019, 459, 13-14.	7.2	7
589	Chemometric and Transcriptomic Profiling, Microtubule Disruption and Cell Death Induction by Secalonic Acid in Tumor Cells. Molecules, 2020, 25, 3224.	3.8	7
590	Evaluation of Long-Time Decoction-Detoxicated Hei-Shun-Pian (Processed Aconitum carmichaeli) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 Induced Osteoarthritis. Frontiers in Pharmacology, 2020, 11, 1053.	3.5	7
591	AMG900 as novel inhibitor of the translationally controlled tumor protein. Chemico-Biological Interactions, 2021, 334, 109349.	4.0	7
592	Health(care) in the Crisis: Reflections in Science and Society on Opioid Addiction. International Journal of Environmental Research and Public Health, 2021, 18, 341.	2.6	7
593	Network pharmacology of triptolide in cancer cells: implications for transcription factor binding. Investigational New Drugs, 2021, 39, 1523-1537.	2.6	7
594	Cytotoxicity, acute and sub-chronic toxicities of the fruit extract of Tetrapleura tetraptera (Schumm.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.7	7

#	Article	IF	Citations
595	E-Learning in Pharmacology and Pharmacy. Education Sciences, 2011, 1, 4-14.	2.6	6
596	Steroidal Metabolites Transformed by Marchantia polymorpha Cultures Block Breast Cancer Estrogen Biosynthesis. Cell Biochemistry and Biophysics, 2012, 63, 85-96.	1.8	6
597	Diagnosis and objective pain assessment of traditional Chinese medicine may be useful to demonstrate specific effects of acupuncture in low back pain: A prospective, randomized, controlled and single blinded pre-study. Journal of Acupuncture and Tuina Science, 2013, 11, 155-159.	0.3	6
598	Ten Yearsâ€™ Experience with an E-Learning Lecture Series on Cancer Biology and Pharmacology. Education Sciences, 2013, 3, 1-16.	2.6	6
599	Human ABCB1 confers cells resistance to cytotoxic guanidine alkaloids from Pterogyne nitens. Bio-Medical Materials and Engineering, 2015, 25, 249-256.	0.6	6
600	Modulation of P-Glycoprotein-Mediated Multidrug Resistance by Synthetic and Phytochemical Small Molecules, Monoclonal Antibodies, and Therapeutic Nucleic Acids. Resistance To Targeted Anti-cancer Therapeutics, 2015, , 153-181.	0.1	6
601	Pharmaceutical care as narrative practice? Rethinking patient-centered care through a pharmacistâ€™s perspective. International Journal of Clinical Pharmacy, 2016, 38, 1346-1349.	2.1	6
602	Identification of inhibitors of the polo-box domain of polo-like kinase 1 from natural and semisynthetic compounds. Investigational New Drugs, 2020, 38, 1-9.	2.6	6
603	Indeno[1,2,3-cd]pyrene and picene mediate actions via estrogen receptor Î± signaling pathway in in vitro cell systems, altering gene expression. Toxicology and Applied Pharmacology, 2020, 396, 114995.	2.8	6
604	Drug repurposing using transcriptome sequencing and virtual drug screening in a patient with glioblastoma. Investigational New Drugs, 2021, 39, 670-685.	2.6	6
605	Identification of potential novel drug resistance mechanisms by genomic and transcriptomic profiling of colon cancer cells with p53 deletion. Archives of Toxicology, 2021, 95, 959-974.	4.2	6
606	A novel ligand of the translationally controlled tumor protein (TCTP) identified by virtual drug screening for cancer differentiation therapy. Investigational New Drugs, 2021, 39, 914-927.	2.6	6
607	Network Pharmacology of Red Ginseng (Part I): Effects of Ginsenoside Rg5 at Physiological and Sub-Physiological Concentrations. Pharmaceuticals, 2021, 14, 999.	3.8	6
608	In Silico Analysis of Microarray-Based Gene Expression Profiles Predicts Tumor Cell Response to Withanolides. Microarrays (Basel, Switzerland), 2012, 1, 44-63.	1.4	5
609	Synthesis and Anti-Tumor Activity of Novel Aminomethylated Derivatives of Isoliquiritigenin. Molecules, 2014, 19, 17715-17726.	3.8	5
610	Acupuncture and Herbal Medicine for Cancer Patients 2014. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-2.	1.2	5
611	Nitensidine A, a guanidine alkaloid from Pterogyne nitens, induces osteoclastic cell death. Cytotechnology, 2015, 67, 585-592.	1.6	5
612	Intra-Articular Injection of Fructus Ligustri Lucidi Extract Attenuates Pain Behavior and Cartilage Degeneration in Mono-Iodoacetate Induced Osteoarthritic Rats. Frontiers in Pharmacology, 2018, 9, 1360.	3.5	5

#	ARTICLE	IF	CITATIONS
613	The antioxidant 2,3â€dichloro,5,8â€dihydroxy,1,4â€naphthoquinone inhibits acetylâ€cholinesterase activity and amyloid Î²₄₂ aggregation: A dual target therapeutic candidate compound for the treatment of Alzheimer's disease. Biotechnology and Applied Biochemistry, 2020, 67, 983-990.	3.1	5
614	Salvia ceratophylla L. from South of Jordan: new insights on chemical composition and biological activities. Natural Products and Bioprospecting, 2020, 10, 307-316.	4.3	5
615	Increased Stress Resistance and Lifespan in Chaenorhabditis elegans Wildtype and Knockout Mutantsâ€"Implications for Depression Treatment by Medicinal Herbs. Molecules, 2021, 26, 1827.	3.8	5
616	Selection of safe artemisinin derivatives using a machine learning-based cardiotoxicity platform and in vitro and in vivo validation. Archives of Toxicology, 2021, 95, 2485-2495.	4.2	5
617	Cytotoxicity of 4-hydroxy-N-(naphthalen-1-yl)-2-oxo-2H-chromene-3-carboxamide in multidrug-resistant cancer cells through activation of PERK/eIF2Î±/ATF4 pathway. Biochemical Pharmacology, 2021, 193, 114788.	4.4	5
618	Fuzi decoction ameliorates pain and cartilage degeneration of osteoarthritic rats through PI3K-Akt signaling pathway and its clinical retrospective evidence. Phytomedicine, 2022, 100, 154071.	5.3	5
619	Identification of active components in Andrographis paniculata targeting on CD81 in esophageal cancer in vitro and in vivo. Phytomedicine, 2022, 102, 154183.	5.3	5
620	Untapping the protective role of carotenoids against respiratory diseases. Phytomedicine, 2022, 104, 154286.	5.3	5
621	Editorial [Hot Topic: SMALL MOLECULES OF NATURAL ORIGIN FOR CANCER THERAPY AND CHEMOPREVENTION Part I: Pharmacognosy and Molecular Pharmacology of Small Molecules of Natural Origin for Cancer Therapy and Chemoprevention (Guest Editor: Thomas Efferth)]. Current Drug Targets, 2006, 7, 237-238.	2.1	4
622	Natural products pave their way in cancer therapy. Cancer Biology and Therapy, 2009, 8, 1869-1870.	3.4	4
623	Biotransformation of Progesterone by Cultured Cells of Marchantia polymorpha. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2010, 65, 599-602.	1.4	4
624	Potential of â€˜Omicsâ€™ Technologies for Implementation in Research on Phytotherapeutical Toxicology. Advances in Botanical Research, 2012, , 343-363.	1.1	4
625	Posttraumatic stress disorder among earthquake survivors of the Wenchuan area (Sichuan, China). HÃ¶gre Utbildning, 2014, 5, 26531.	3.0	4
626	Life Sciencesâ€"Life Writing: PTSD as a Transdisciplinary Entity between Biomedical Explanation and Lived Experience. Humanities, 2016, 5, 4.	0.2	4
627	2â€²-O-Galloylhyperin Isolated From Pyrola incarnata Fisch. Attenuates LPS-Induced Inflammatory Response by Activation of SIRT1/Nrf2 and Inhibition of the NF-ÎºB Pathways in Vitro and Vivo. Frontiers in Pharmacology, 2018, 9, 679.	3.5	4
628	Identification of metastasis-related genes by genomic and transcriptomic studies in murine melanoma. Life Sciences, 2021, 267, 118922.	4.3	4
629	Cytotoxic flavonoids from the seeds of Dracaena steudneri Engl against leukemia cancer cell lines. Phytomedicine Plus, 2022, 2, 100234.	2.0	4
630	Biflavonoids from Ginkgo biloba leaves as a novel anti-atherosclerotic candidate: Inhibition potency and mechanistic analysis. Phytomedicine, 2022, 102, 154053.	5.3	4

#	Article	IF	Citations
631	Plant cell cultures: An enzymatic tool for polyphenolic and flavonoid transformations. Phytomedicine, 2022, 100, 154019.	5.3	4
632	Flavanols from Tetrapleura tetraptera with cytotoxic activities. FÃ¬toterapÃ¬Ã¢, 2022, 160, 105206.	2.2	4
633	Phytochemistry and bioactivities of the main constituents of Polyporus umbellatus (Pers.) Fries. Phytomedicine, 2022, 103, 154196.	5.3	4
634	Multidrug-Resistenz von Tumoren. Biologie in Unserer Zeit, 1990, 20, 149-153.	0.2	3
635	Relationship between Molecular Variants and Clinical Manifestions in Twelve Glucose-6-Phosphate Dehydrogenase-Deficient Patients in Jordan. Acta Haematologica, 2005, 114, 125-126.	1.4	3
636	Neuroprotection and antioxidative effects of Sijunzi Tang Decoction in the nematode Caenorhabditis elegans. European Journal of Integrative Medicine, 2016, 8, 526-532.	1.7	3
637	Cytochrome P450 reaction phenotyping and inhibition and induction studies of pinostrobin in human liver microsomes and hepatocytes. Biomedical Chromatography, 2017, 31, e3888.	1.7	3
638	The hydrolysis of 6-phosphogluconolactone in the second step of pentose phosphate pathway occurs via a two-water mechanism. Biophysical Chemistry, 2018, 240, 98-106.	2.8	3
639	Genomic landscape analyses in cervical carcinoma and consequences for treatment. Current Opinion in Pharmacology, 2020, 54, 142-157.	3.5	3
640	Identification of potential inhibitors targeting BRAF-V600E mutant melanoma cells. Journal of the American Academy of Dermatology, 2021, 84, 1086-1089.	1.2	3
641	Activity of Cordycepin From Cordyceps sinensis Against Drug-Resistant Tumor Cells as Determined by Gene Expression and Drug Sensitivity Profiling. Natural Product Communications, 2021, 16, 1934578X2199335.	0.5	3
642	Xylochemical Synthesis and Biological Evaluation of Shancigusin C and Bletistrin G. Molecules, 2021, 26, 3224.	3.8	3
643	High TCTP expression as prognostic factor in different cancer types. World Academy of Sciences Journal, 2020, 3, 1-1.	0.6	3
644	Transcriptomics, molecular docking, and cross-resistance profiling of nobiletin in cancer cells and synergistic interaction with doxorubicin upon SOX5 transfection. Phytomedicine, 2022, 100, 154064.	5.3	3
645	Phytochemistry, structural diversity, biological activities and pharmacokinetics of iridoids isolated from various genera of the family Scrophulariaceae Juss.. Phytomedicine Plus, 2022, 2, 100287.	2.0	3
646	Phytochemical Study and Antiglioblastoma Activity Assessment of Plectranthus hadiensis (Forssk.) Schweinf. ex Sprenger var. hadiensis Stems. Molecules, 2022, 27, 3813.	3.8	3
647	Sister chromatid exchange-inducing DNA lesions and depression of activation markers on the surface of cultured peripheral blood mononuclear cells after the addition of streptococcal pyrogenic exotoxins A and C. Medical Microbiology and Immunology, 1995, 184, 87-96.	4.8	2
648	Research Highlights: Broken dreams or time to test? Chemoselective treatment of MTAP-deficient tumors with <scp>L</scp>-alanosine. Personalized Medicine, 2009, 6, 373-375.	1.5	2

#	Article	IF	Citations
649	Natural Products as Inhibitors of Epidermal Growth Factor Receptor. Forum on Immunopathological Diseases and Therapeutics, 2011, 2, 281-301.	0.1	2
650	Answer to the comment of Hai Lu et al. regarding â€œHepatotoxicity by combination treatment of temozolomide, artesunate and Chinese herbs in a glioblastoma multiforme patient: case report and review of the literature. Arch Toxicol (2016)â€• Archives of Toxicology, 2017, 91, 2491-2492.	4.2	2
651	Teratogenicity and Developmental Toxicity of Herbal Products. , 2017, , 217-235.		2
652	Insights into apoptotic proteins in chemotherapy: quantification techniques and informing therapy choice. Expert Review of Proteomics, 2018, 15, 413-429.	3.0	2
653	New isopimaradiene diterpenoids from kaempulchraol E via Rhizopus oryzae fungal transformation. Phytochemistry Letters, 2020, 38, 107-111.	1.2	2
654	Identification and characterization of deschloro-chlorothricin obtained from a large natural product library targeting aurora A kinase in multiple myeloma. Investigational New Drugs, 2021, 39, 348-361.	2.6	2
655	Can eastern wisdom resolve western epidemics? Traditional Chinese medicine therapies and the opioid crisis. Journal of Integrative Medicine, 2021, 19, 295-299.	3.1	2
656	Two new diterpenoids from kencur (Kaempferia galanga): Structure elucidation and chemosystematic significance. Phytochemistry Letters, 2021, 44, 185-189.	1.2	2
657	Activity of Artemisinin-Type Compounds Against Cancer Cells. , 2013, , 333-362.		2
658	Novel Developments on Artemisinin and Its Derivatives for Cancer Therapy. , 2010, , 227-251.		2
659	Identification of Novel Anthracycline Resistance Genes and Their Inhibitors. Pharmaceuticals, 2021, 14, 1051.	3.8	2
660	Nanoscale delivery of phytochemicals targeting CRISPR/Cas9 for cancer therapy. Phytomedicine, 2021, 94, 153830.	5.3	2
661	Substituted steroidal compounds containing amino and amido groups reverse multidrug resistance of mouse T-lymphoma and two human prostate cancer cell lines in vitro. Anticancer Research, 2015, 35, 2105-12.	1.1	2
662	Protein Expression Profiles Indicative for Drug Resistance of Kidney Carcinoma. Cancer Genomics and Proteomics, 2004, 1, 17-22.	2.0	2
663	Microarray-based Prediction of Cytotoxicity of Tumor Cells to Arsenic Trioxide. Cancer Genomics and Proteomics, 2004, 1, 363-370.	2.0	2
664	A saponin from astragalus promotes pancreatic ductal organoids differentiation into insulin-producing cells. Phytomedicine, 2022, 102, 154190.	5.3	2
665	Catalytic Synthesis of Î±-Oxoketene S,S-Acetals in a Wet Ionic Liquid [Bmim]Cl/H2O Homogeneous System. Molecules, 2011, 16, 4500-4510.	3.8	1
666	Inhibition of ATP-Binding Cassette Transporters by Chinese Herbs and Phytochemicals. , 2013, , 283-331.		1

#	ARTICLE	IF	CITATIONS
667	Established Anticancer Drugs from Natural Origin. , 2014, , 343-389.		1
668	Therapeutic Intervention of Post-traumatic Stress Disorder by Chinese Medicine: Perspectives for Transdisciplinary Cooperation Between Life Sciences and Humanities. Medicine Studies: an International Journal for History, Philosophy, and Ethics of Medicine and Allied Sciences, 2014, 4, 71-89.	0.1	1
669	Substrate Specificity of Aglaia loheri Active Isolate towards P-glycoprotein in Multidrug-Resistant Cancer Cells. Natural Product Communications, 2016, 11, 1934578X1601101.	0.5	1
670	Acute hepatotoxicity induced by quetiapine fumarate in larval zebrafish. Fundamental Toxicological Sciences, 2016, 3, 127-135.	0.6	1
671	The road in front of us: Phytomedical research for the years to come. Phytomedicine, 2017, 25, A1.	5.3	1
672	Professor Hildebert Wagner celebrates his 90th birthday. Phytomedicine, 2019, 60, 153034.	5.3	1
673	Identification of Novel Rare ABCC1 Transporter Mutations in Tumor Biopsies of Cancer Patients. Cells, 2020, 9, 299.	4.1	1
674	Butyl octyl phthalate interacts with estrogen receptor Î± in MCFâ€‘7 breast cancer cells to promote cancer development. World Academy of Sciences Journal, 2021, 3, .	0.6	1
675	In vitro and in silico studies of two 1,4-naphthoquinones and their topical formulation in bigels. Current Drug Delivery, 2021, 18, .	1.6	1
676	Activation of Mitochondria-Driven Pathways by Artemisinin and Its Derivatives. , 2014, , 135-150.		1
677	Anticancer Activity of Salvia miltiorrhiza and Its Secondary Metabolites. , 2017, , 179-207.		1
678	Integration of Phytochemicals and Phytotherapy into Cancer Precision Medicine. Human Perspectives in Health Sciences and Technology, 2020, , 355-392.	0.4	1
679	Ethnopharmacology, phytochemistry, chemical ecology and invasion biology of Acanthus mollis L.. Journal of Ethnopharmacology, 2022, 285, 114833.	4.1	1
680	Phytomedicine mourns the death of its founding editor Professor Hildebert Wagner. Phytomedicine, 2022, 95, 153896.	5.3	1
681	Kinome-Wide Profiling Identifies Human WNK3 as a Target of Cajanin Stilbene Acid from Cajanus cajan (L.) Millsp.. International Journal of Molecular Sciences, 2022, 23, 1506.	4.1	1
682	Editorial [Hot Topic: Small Molecules of Natural Origin for Cancer Therapy and Chemoprevention Part II: Pharmacogenomics and Biotechnological Applications of Small Molecules of Natural Origin for Cancer Therapy and Chemoprevention]. Current Drug Targets, 2006, 7, 385-386.	2.1	0
683	Editorial [Hot Topic:Molecular Mechanisms of and Clinical Evidence for Interactions Between Natural Products and Drugs (Guest Editor: Thomas Efferth)]. Current Drug Metabolism, 2008, 9, 995-995.	1.2	0
684	Chemical-Biology of Natural Products from Medicinal Plants for Cancer Therapy. , 2010, , 557-582.		0

#	Article	IF	Citations
685	Preface: Approaches of Chinese Medicine to Oncology. Forum on Immunopathological Diseases and Therapeutics, 2011, 2, v-vii.	0.1	0
686	Anti-Infective and Antiproliferative Potential of African Medicinal Plants. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-2.	1.2	0
687	Preface: Molecular Approaches of Chinese Medicine. Forum on Immunopathological Diseases and Therapeutics, 2012, 3, i-iii.	0.1	0
688	Synthesis, Antibacterial and Cytotoxic Activities of Cyanoenonebenzenesulfonamide, Acetamide and Pyridine-3-carbonitrile Derivatives. Asian Journal of Chemistry, 2014, 26, 8505-8510.	0.3	0
689	Marine Compounds. , 2014, , 209-250.		0
690	Chemical Ecology of Marine Organisms. , 2014, , 107-146.		0
691	Contribution of African Flora in a Global Fight against Cancer. , 2014, , 289-305.		0
692	Herbal Medicines: Boon or Bane for the Human Liver?. , 2016, , 469-491.		0
693	Withanone Ameliorates Stress Symptoms in Caenorhabditis Elegans by Acting through Serotonin Receptors. Pharmacopsychiatry, 2021, 54, 215-223.	3.3	0
694	Expression Profiling of ABC-Transporters in Childhood AML Reveals ABCA3 as a Potential Cause of Drug Resistance.. Blood, 2004, 104, 1177-1177.	1.4	0
695	COMMENTARY. Biochemistry and Gene regulation of YY1. Forum on Immunopathological Diseases and Therapeutics, 2010, 1, 141-143.	0.1	0
696	From Molecular Tumor Diagnostics to Individualized Treatment with Phytochemicals Derived from Chinese Herbs. Forum on Immunopathological Diseases and Therapeutics, 2011, 2, 323-340.	0.1	0
697	Microarray-Based Determination of Response of Tumor Cells to Cycloshikonin. Forum on Immunopathological Diseases and Therapeutics, 2011, 2, 315-322.	0.1	0
698	Molecular Mechanism of Opioid Analgesia. Forum on Immunopathological Diseases and Therapeutics, 2012, 3, 59-70.	0.1	0
699	Individualized Tumor Therapy: Biomarkers and Possibilities for Targeted Therapy with Natural Products. AAPS Advances in the Pharmaceutical Sciences Series, 2014, , 275-294.	0.6	0
700	First Nations Healing: From Traditional Medicine to Experimental Ethnopharmacology. Zeitschrift Fur Anglistik Und Amerikanistik, 2020, 68, 159-175.	0.1	0
701	Molecular Docking Analysis of Steroid-based Copper Transporter 1 Inhibitors. Anticancer Research, 2015, 35, 6505-8.	1.1	0
702	Effect of Extraction Methodology on the Phytochemical Composition for Camelia sinensis â€œPowdered Tea Extractsâ€•from Different Provenances. Beverages, 2022, 8, 13.	2.8	0