Thomas Efferth

List of Publications by Year
in descending order

702 papers	31,090 citations	4641 85 h-index	12910 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.	3.5	470
2	The Antiviral Activities of Artemisinin and Artesunate. Clinical Infectious Diseases, 2008, 47, 804-811.	2.9	425
3	From ancient herb to modern drug: Artemisia annua and artemisinin for cancer therapy. Seminars in Cancer Biology, 2017, 46, 65-83.	4.3	416
4	The role of p53 in cancer drug resistance and targeted chemotherapy. Oncotarget, 2017, 8, 8921-8946.	0.8	407
5	Molecular Modes of Action of Artesunate in Tumor Cell Lines. Molecular Pharmacology, 2003, 64, 382-394.	1.0	400
6	Complex Interactions between Phytochemicals. The Multi-Target Therapeutic Concept of Phytotherapy. Current Drug Targets, 2011, 12, 122-132.	1.0	390
7	Best practice in research â€“ Overcoming common challenges in phytopharmacological research. Journal of Ethnopharmacology, 2020, 246, 112230.	2.0	341
8	Antimicrobial activity of clove and rosemary essential oils alone and in combination. Phytotherapy Research, 2007, 21, 989-994.	2.8	303
9	Artemisinin derivatives induce iron-dependent cell death (ferroptosis) in tumor cells. Phytomedicine, 2015, 22, 1045-1054.	2.3	297
10	Tumor microenvironment and epithelial mesenchymal transition as targets to overcome tumor multidrug resistance. Drug Resistance Updates, 2020, 53, 100715.	6.5	275
11	Willmar Schwabe Award 2006: Antiplasmodial and Antitumor Activity of Artemisinin - From Bench to Bedside. Planta Medica, 2007, 73, 299-309.	0.7	263
12	Molecular Pharmacology and Pharmacogenomics of Artemisinin and its Derivatives in Cancer Cells. Current Drug Targets, 2006, 7, 407-421.	1.0	243
13	Enhancement of cytotoxicity of artemisinins toward cancer cells by ferrous iron. Free Radical Biology and Medicine, 2004, 37, 998-1009.	1.3	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.	1.7	229
15	Rapid microwave-assisted transesterification of yellow horn oil to biodiesel using a heteropolyacid solid catalyst. Bioresource Technology, 2010, 101, 931-936.	4.8	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.	2.0	214
17	Artesunate Induces ROS-Mediated Apoptosis in Doxorubicin-Resistant T Leukemia Cells. PLoS ONE, 2007, 2, e693.	1.1	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.	0.4	207

#	ARTICLE	IF	CITATIONS
19	Cameroonian Medicinal Plants: Pharmacology and Derived Natural Products. Frontiers in Pharmacology, 2010, 1, 123.	1.6	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.	1.6	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.	1.9	198
22	Toxicity of the antimalarial artemisinin and its dervatives. Critical Reviews in Toxicology, 2010, 40, 405-421.	1.9	195
23	Phytochemicals as inhibitors of NF-ÎºB for treatment of Alzheimerâ€™s disease. Pharmacological Research, 2018, 129, 262-273.	3.1	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.	0.6	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.	1.7	187
26	Artesunate Derived from Traditional Chinese Medicine Induces DNA Damage and Repair. Cancer Research, 2008, 68, 4347-4351.	0.4	180
27	Chemotherapy-induced resistance by ATP-binding cassette transporter genes. Biochimica Et Biophysica Acta: Reviews on Cancer, 2007, 1775, 237-262.	3.3	177
28	Modulation of human BCRP (ABCG2) activity by anti-HIV drugs. Journal of Antimicrobial Chemotherapy, 2006, 59, 238-245.	1.3	173
29	Kaempferol Derivatives as Antiviral Drugs against the 3a Channel Protein of Coronavirus. Planta Medica, 2014, 80, 177-182.	0.7	172
30	Prediction of Broad Spectrum Resistance of Tumors towards Anticancer Drugs. Clinical Cancer Research, 2008, 14, 2405-2412.	3.2	158
31	Antiviral activity of artesunate towards wild-type, recombinant, and ganciclovir-resistant human cytomegaloviruses. Journal of Molecular Medicine, 2002, 80, 233-242.	1.7	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.	3.1	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.	5.0	156
34	Traditionally used Thai medicinal plants: In vitro anti-inflammatory, anticancer and antioxidant activities. Journal of Ethnopharmacology, 2010, 130, 196-207.	2.0	155
35	A Randomised, Double Blind, Placebo-Controlled Pilot Study of Oral Artesunate Therapy for Colorectal Cancer. EBioMedicine, 2015, 2, 82-90.	2.7	155
36	Optimization of luteolin separation from pigeonpea [Cajanus cajan (L.) Millsp.] leaves by macroporous resins. Journal of Chromatography A, 2006, 1137, 145-152.	1.8	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.	0.8	152
38	African Flora Has the Potential to Fight Multidrug Resistance of Cancer. BioMed Research International, 2015, 2015, 1-24.	0.9	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.	2.9	148
40	Cytotoxicity of some Cameroonian spices and selected medicinal plant extracts. Journal of Ethnopharmacology, 2011, 134, 803-812.	2.0	148
41	Mechanistic perspectives for 1,2,4-trioxanes in anti-cancer therapy. Drug Resistance Updates, 2005, 8, 85-97.	6.5	144
42	Molecular principles of cancer invasion and metastasis (Review). International Journal of Oncology, 2009, 34, 881-95.	1.4	142
43	Toxicities by Herbal Medicines with Emphasis to Traditional Chinese Medicine. Current Drug Metabolism, 2011, 12, 989-996.	0.7	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.	1.9	142
45	Evidence-based Chinese medicine for cancer therapy. Journal of Ethnopharmacology, 2008, 116, 207-210.	2.0	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.	0.6	135
48	The anti-malaria drug artesunate inhibits replication of cytomegalovirus in vitro and in vivo. Antiviral Research, 2006, 69, 60-69.	1.9	134
49	Shikonin derivatives for cancer prevention and therapy. Cancer Letters, 2019, 459, 248-267.	3.2	132
50	Molecular Target-Guided Tumor Therapy with Natural Products Derived from Traditional Chinese Medicine. Current Medicinal Chemistry, 2007, 14, 2024-2032.	1.2	128
51	Enzyme assisted extraction of luteolin and apigenin from pigeonpea [Cajanuscajan (L.) Millsp.] leaves. Food Chemistry, 2008, 111, 508-512.	4.2	127
52	Artesunate in the treatment of metastatic uveal melanoma–first experiences. Oncology Reports, 2005, 14, 1599-603.	1.2	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.	0.7	124
54	Traditional Chinese herbal medicine at the forefront battle against COVID-19: Clinical experience and scientific basis. Phytomedicine, 2021, 80, 153337.	2.3	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	2.0	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.	2.0	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.	1.9	115
58	Beyond malaria: The inhibition of viruses by artemisinin-type compounds. Biotechnology Advances, 2018, 36, 1730-1737.	6.0	114
59	ABCA3 as a Possible Cause of Drug Resistance in Childhood Acute Myeloid Leukemia. Clinical Cancer Research, 2006, 12, 4357-4363.	3.2	111
60	Oxidative stress response of tumor cells: microarray-based comparison between artemisinins and anthracyclines. Biochemical Pharmacology, 2004, 68, 3-10.	2.0	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.	2.4	108
62	Prevention from radiation damage by natural products. Phytomedicine, 2018, 47, 192-200.	2.3	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.	2.0	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.	3.9	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.	2.3	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	4.8	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.	2.3	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.	2.6	104
69	P-glycoprotein and its inhibition in tumors by phytochemicals derived from Chinese herbs. Journal of Ethnopharmacology, 2012, 141, 557-570.	2.0	100
70	Cytotoxicity of seven naturally occurring phenolic compounds towards multi-factorial drug-resistant cancer cells. Phytomedicine, 2016, 23, 856-863.	2.3	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.	3.9	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.	1.4	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.	1.7	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.	1.6	95
75	Collateral sensitivity of natural products in drug-resistant cancer cells. Biotechnology Advances, 2020, 38, 107342.	6.0	95
76	Therapeutic and Diagnostic Applications of Nanoparticles. Current Drug Targets, 2011, 12, 357-365.	1.0	95
77	Molecular modes of action of cantharidin in tumor cells. Biochemical Pharmacology, 2005, 69, 811-818.	2.0	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.	2.3	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.	2.4	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.	1.1	91
81	Tumor Heterogeneity, Single-Cell Sequencing, and Drug Resistance. Pharmaceuticals, 2016, 9, 33.	1.7	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.	1.1	91
83	Chemoresistance and chemosensitization in cholangiocarcinoma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1444-1453.	1.8	91
84	Anticancer Activities of Six Selected Natural Compounds of Some Cameroonian Medicinal Plants. PLoS ONE, 2011, 6, e21762.	1.1	91
85	Cancer combination therapies with artemisinin-type drugs. Biochemical Pharmacology, 2017, 139, 56-70.	2.0	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.	2.3	90
87	Fighting Cancer with Red Wine? Molecular Mechanisms of Resveratrol. Critical Reviews in Food Science and Nutrition, 2009, 49, 782-799.	5.4	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.	2.3	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.	2.0	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.	2.0	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.	1.2	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.	1.2	84
93	Cytotoxicity of ungeremine towards multi-factorial drug resistant cancer cells and induction of apoptosis, ferroptosis, necroptosis and autophagy. Phytomedicine, 2019, 60, 152832.	2.3	83
94	Antischistosomal activity of artemisinin derivatives in vivo and in patients. Pharmacological Research, 2016, 110, 216-226.	3.1	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.	2.0	81
96	Pharmacogenomics of Cameroonian traditional herbal medicine for cancer therapy. Journal of Ethnopharmacology, 2011, 137, 752-766.	2.0	81
97	Mode of Cell Death Induction by Pharmacological Vacuolar H+-ATPase (V-ATPase) Inhibition. Journal of Biological Chemistry, 2013, 288, 1385-1396.	1.6	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.	1.9	81
99	The emergence of drug resistance to targeted cancer therapies: Clinical evidence. Drug Resistance Updates, 2019, 47, 100646.	6.5	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.	4.3	81
101	Molecular biology of cantharidin in cancer cells. Chinese Medicine, 2007, 2, 8.	1.6	79
102	The immunosuppressive activity of artemisininâ€type drugs towards inflammatory and autoimmune diseases. Medicinal Research Reviews, 2021, 41, 3023-3061.	5.0	79
103	Prediction of Cancer Drug Resistance and Implications for Personalized Medicine. Frontiers in Oncology, 2015, 5, 282.	1.3	77
104	Novel molecular mechanisms for the adaptogenic effects of herbal extracts on isolated brain cells using systems biology. Phytomedicine, 2018, 50, 257-284.	2.3	77
105	Therapeutic potential of polyphenols in cardiovascular diseases: Regulation of mTOR signaling pathway. Pharmacological Research, 2020, 152, 104626.	3.1	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.	1.8	76
107	Shikonin Directly Targets Mitochondria and Causes Mitochondrial Dysfunction in Cancer Cells. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-15.	0.5	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.	2.3	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.	2.9	74
110	Novel artemisinin derivatives with potential usefulness against liver/colon cancer and viral hepatitis. Bioorganic and Medicinal Chemistry, 2013, 21, 4432-4441.	1.4	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.	2.6	74
112	Anti-inflammatory and anti-cancer activities of frankincense: Targets, treatments and toxicities. Seminars in Cancer Biology, 2022, 80, 39-57.	4.3	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.	0.7	73
114	Aqueous enzymatic process assisted by microwave extraction of oil from yellow horn (Xanthoceras) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.2	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.	2.3	73
116	Dietary polyphenols in chemoprevention and synergistic effect in cancer: Clinical evidences and molecular mechanisms of action. Phytomedicine, 2021, 90, 153554.	2.3	73
117	Integration of phytochemicals and phytotherapy into cancer precision medicine. Oncotarget, 2017, 8, 50284-50304.	0.8	72
118	Traditional Chinese medicine research in the post-genomic era: Good practice, priorities, challenges and opportunities. Journal of Ethnopharmacology, 2012, 140, 458-468.	2.0	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.	0.5	71
120	Activity of Artemisia annua and artemisinin derivatives, in prostate carcinoma. Phytomedicine, 2015, 22, 1223-1231.	2.3	71
121	Natural products as promising drug candidates for the treatment of hepatitis B and C. Acta Pharmacologica Sinica, 2009, 30, 25-30.	2.8	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.	1.6	70
123	Synthesis of Thymoquinoneâ€“Artemisinin Hybrids: New Potent Antileukemia, Antiviral, and Antimalarial Agents. ACS Medicinal Chemistry Letters, 2018, 9, 534-539.	1.3	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.	0.8	70
125	Development of Resistance towards Artesunate in MDA-MB-231 Human Breast Cancer Cells. PLoS ONE, 2011, 6, e20550.	1.1	69
126	Gems from traditional north-African medicine: medicinal and aromatic plants from Sudan. Natural Products and Bioprospecting, 2012, 2, 92-103.	2.0	69

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127	Multiple resistance to carcinogens and xenobiotics: P-glycoproteins as universal detoxifiers. Archives of Toxicology, 2017, 91, 2515-2538.	1.9	69
128	Indole and carbazole alkaloids from Glycosmis montana with weak anti-HIV and cytotoxic activities. Phytochemistry, 2005, 66, 697-701.	1.4	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.	2.3	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.	0.9	68
131	MicroRNA targeting by quercetin in cancer treatment and chemoprotection. Pharmacological Research, 2019, 147, 104346.	3.1	68
132	First study of oral Artenimol-R in advanced cervical cancer: clinical benefit, tolerability and tumor markers. Anticancer Research, 2011, 31, 4417-22.	0.5	68
133	Expression profiling of ATP-binding cassette transporters in childhood T-cell acute lymphoblastic leukemia. Molecular Cancer Therapeutics, 2006, 5, 1986-1994.	1.9	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.	2.3	67
135	North African Medicinal Plants Traditionally Used in Cancer Therapy. Frontiers in Pharmacology, 2017, 8, 383.	1.6	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.	2.3	66
137	Human cytomegalovirus kinetics following institution of artesunate after hematopoietic stem cell transplantation. Antiviral Research, 2011, 90, 183-186.	1.9	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.	1.7	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.	2.3	65
140	Antibacterial Activity and Cytotoxicity of Selected Egyptian Medicinal Plants. Planta Medica, 2012, 78, 193-199.	0.7	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.	0.5	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.	1.4	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.	1.8	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.	1.1	62
146	Drug Resistance in Plasmodium: Natural Products in the Fight Against Malaria. Mini-Reviews in Medicinal Chemistry, 2009, 9, 206-214.	1.1	62
147	Cytotoxicity of the indole alkaloid reserpine from Rauwolfia serpentina against drug-resistant tumor cells. Phytomedicine, 2015, 22, 308-318.	2.3	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.	1.5	62
149	Medicinal Plants from Near East for Cancer Therapy. Frontiers in Pharmacology, 2018, 9, 56.	1.6	62
150	Molecular interaction of artemisinin with translationally controlled tumor protein (TCTP) of Plasmodium falciparum. Biochemical Pharmacology, 2013, 85, 38-45.	2.0	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.	1.7	61
152	Artesunate Inhibits Growth of Sunitinib-Resistant Renal Cell Carcinoma Cells through Cell Cycle Arrest and Induction of Ferroptosis. Cancers, 2020, 12, 3150.	1.7	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.	1.8	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.	4.2	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.	2.3	60
156	Molecular bases of the poor response of liver cancer to chemotherapy. Clinics and Research in Hepatology and Gastroenterology, 2018, 42, 182-192.	0.7	60
157	Resveratrol mediated cancer cell apoptosis, and modulation of multidrug resistance proteins and metabolic enzymes. Phytomedicine, 2019, 55, 269-281.	2.3	60
158	Repurposing old drugs to fight multidrug resistant cancers. Drug Resistance Updates, 2020, 52, 100713.	6.5	60
159	Multiple cell death modalities and their key features (Review). World Academy of Sciences Journal, 0, , .	0.4	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.	0.9	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.	1.2	58
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