

# Thomas Efferth

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

674  
papers

22,364  
citations

73  
h-index

114  
g-index

714  
ext. papers

26,228  
ext. citations

5.2  
avg, IF

7.63  
L-index

#	Paper	IF	Citations
674	From traditional Chinese medicine to rational cancer therapy. <i>Trends in Molecular Medicine</i> , <b>2007</b> , 13, 353-61	11.5	402
673	Molecular modes of action of artesunate in tumor cell lines. <i>Molecular Pharmacology</i> , <b>2003</b> , 64, 382-94	4.3	362
672	The antiviral activities of artemisinin and artesunate. <i>Clinical Infectious Diseases</i> , <b>2008</b> , 47, 804-11	11.6	354
671	Complex interactions between phytochemicals. The multi-target therapeutic concept of phytotherapy. <i>Current Drug Targets</i> , <b>2011</b> , 12, 122-32	3	294
670	The role of p53 in cancer drug resistance and targeted chemotherapy. <i>Oncotarget</i> , <b>2017</b> , 8, 8921-8946	3.3	285
669	From ancient herb to modern drug: Artemisia annua and artemisinin for cancer therapy. <i>Seminars in Cancer Biology</i> , <b>2017</b> , 46, 65-83	12.7	264
668	Antimicrobial activity of clove and rosemary essential oils alone and in combination. <i>Phytotherapy Research</i> , <b>2007</b> , 21, 989-94	6.7	230
667	Willmar Schwabe Award 2006: antiplasmodial and antitumor activity of artemisinin--from bench to bedside. <i>Planta Medica</i> , <b>2007</b> , 73, 299-309	3.1	226
666	Molecular pharmacology and pharmacogenomics of artemisinin and its derivatives in cancer cells. <i>Current Drug Targets</i> , <b>2006</b> , 7, 407-21	3	218
665	Enhancement of cytotoxicity of artemisinins toward cancer cells by ferrous iron. <i>Free Radical Biology and Medicine</i> , <b>2004</b> , 37, 998-1009	7.8	205
664	Inhibition of angiogenesis in vivo and growth of Kaposi's sarcoma xenograft tumors by the anti-malarial artesunate. <i>Biochemical Pharmacology</i> , <b>2004</b> , 68, 2359-66	6	194
663	Artemisinin derivatives induce iron-dependent cell death (ferroptosis) in tumor cells. <i>Phytomedicine</i> , <b>2015</b> , 22, 1045-54	6.5	192
662	Microarray-based detection of multidrug resistance in human tumor cells by expression profiling of ATP-binding cassette transporter genes. <i>Cancer Research</i> , <b>2004</b> , 64, 8987-93	10.1	190
661	Best practice in research - Overcoming common challenges in phytopharmacological research. <i>Journal of Ethnopharmacology</i> , <b>2020</b> , 246, 112230	5	189
660	Rapid microwave-assisted transesterification of yellow horn oil to biodiesel using a heteropolyacid solid catalyst. <i>Bioresource Technology</i> , <b>2010</b> , 101, 931-6	11	186
659	Artesunate induces ROS-mediated apoptosis in doxorubicin-resistant T leukemia cells. <i>PLoS ONE</i> , <b>2007</b> , 2, e693	3.7	181
658	Artesunate activates mitochondrial apoptosis in breast cancer cells via iron-catalyzed lysosomal reactive oxygen species production. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 6587-601	5.4	174

657	Activities of ten essential oils towards <i>Propionibacterium acnes</i> and PC-3, A-549 and MCF-7 cancer cells. <i>Molecules</i> , <b>2010</b> , 15, 3200-10	4.8	167
656	Activity of drugs from traditional Chinese medicine toward sensitive and MDR1- or MRP1-overexpressing multidrug-resistant human CCRF-CEM leukemia cells. <i>Blood Cells, Molecules, and Diseases</i> , <b>2002</b> , 28, 160-8	2.1	166
655	Cameroonian medicinal plants: pharmacology and derived natural products. <i>Frontiers in Pharmacology</i> , <b>2010</b> , 1, 123	5.6	164
654	Modulation of human BCRP (ABCG2) activity by anti-HIV drugs. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2007</b> , 59, 238-45	5.1	162
653	Effect of artemisinin/artesunate as inhibitors of hepatitis B virus production in an "in vitro" replicative system. <i>Antiviral Research</i> , <b>2005</b> , 68, 75-83	10.8	161
652	Toxicity of the antimalarial artemisinin and its derivatives. <i>Critical Reviews in Toxicology</i> , <b>2010</b> , 40, 405-215:7	15.7	155
651	Artesunate derived from traditional Chinese medicine induces DNA damage and repair. <i>Cancer Research</i> , <b>2008</b> , 68, 4347-51	10.1	154
650	Chemotherapy-induced resistance by ATP-binding cassette transporter genes. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2007</b> , 1775, 237-62	11.2	142
649	Optimization of luteolin separation from pigeonpea [ <i>Cajanus cajan</i> (L.) Millsp.] leaves by macroporous resins. <i>Journal of Chromatography A</i> , <b>2006</b> , 1137, 145-52	4.5	140
648	Antibacterial activity and anticancer activity of <i>Rosmarinus officinalis</i> L. essential oil compared to that of its main components. <i>Molecules</i> , <b>2012</b> , 17, 2704-13	4.8	138
647	Prediction of broad spectrum resistance of tumors towards anticancer drugs. <i>Clinical Cancer Research</i> , <b>2008</b> , 14, 2405-12	12.9	132
646	A conceptually new treatment approach for relapsed glioblastoma: coordinated undermining of survival paths with nine repurposed drugs (CUSP9) by the International Initiative for Accelerated Improvement of Glioblastoma Care. <i>Oncotarget</i> , <b>2013</b> , 4, 502-30	3.3	131
645	Antiviral activity of artesunate towards wild-type, recombinant, and ganciclovir-resistant human cytomegaloviruses. <i>Journal of Molecular Medicine</i> , <b>2002</b> , 80, 233-42	5.5	129
644	Artesunate as a potent antiviral agent in a patient with late drug-resistant cytomegalovirus infection after hematopoietic stem cell transplantation. <i>Clinical Infectious Diseases</i> , <b>2008</b> , 46, 1455-7	11.6	128
643	Cytotoxicity of some Cameroonian spices and selected medicinal plant extracts. <i>Journal of Ethnopharmacology</i> , <b>2011</b> , 134, 803-12	5	123
642	Traditionally used Thai medicinal plants: in vitro anti-inflammatory, anticancer and antioxidant activities. <i>Journal of Ethnopharmacology</i> , <b>2010</b> , 130, 196-207	5	122
641	Mechanistic perspectives for 1,2,4-trioxanes in anti-cancer therapy. <i>Drug Resistance Updates</i> , <b>2005</b> , 8, 85-97	23.2	122
640	The human ATP-binding cassette transporter genes: from the bench to the bedside. <i>Current Molecular Medicine</i> , <b>2001</b> , 1, 45-65	2.5	121

639	Phytochemicals as inhibitors of NF- $\kappa$ B for treatment of Alzheimer's disease. <i>Pharmacological Research</i> , <b>2018</b> , 129, 262-273	10.2	121
638	Evidence-based Chinese medicine for cancer therapy. <i>Journal of Ethnopharmacology</i> , <b>2008</b> , 116, 207-10	5	116
637	Artesunate in the treatment of metastatic uveal melanoma--first experiences. <i>Oncology Reports</i> , <b>2005</b> , 14, 1599-603	3.5	116
636	The anti-malaria drug artesunate inhibits replication of cytomegalovirus in vitro and in vivo. <i>Antiviral Research</i> , <b>2006</b> , 69, 60-9	10.8	115
635	Artesunate induces oxidative DNA damage, sustained DNA double-strand breaks, and the ATM/ATR damage response in cancer cells. <i>Molecular Cancer Therapeutics</i> , <b>2011</b> , 10, 2224-33	6.1	114
634	Pharmacogenetics for individualized cancer chemotherapy <b>2005</b> , 107, 155-76		114
633	A Randomised, Double Blind, Placebo-Controlled Pilot Study of Oral Artesunate Therapy for Colorectal Cancer. <i>EBioMedicine</i> , <b>2015</b> , 2, 82-90	8.8	111
632	Toxicities by herbal medicines with emphasis to traditional Chinese medicine. <i>Current Drug Metabolism</i> , <b>2011</b> , 12, 989-96	3.5	111
631	mRNA expression profiles for the response of human tumor cell lines to the antimalarial drugs artesunate, arteether, and artemether. <i>Biochemical Pharmacology</i> , <b>2002</b> , 64, 617-23	6	110
630	Enzyme assisted extraction of luteolin and apigenin from pigeonpea [ <i>Cajanuscajan</i> (L.) Millsp.] leaves. <i>Food Chemistry</i> , <b>2008</b> , 111, 508-12	8.5	109
629	Antiviral effect of artemisinin from <i>Artemisia annua</i> against a model member of the Flaviviridae family, the bovine viral diarrhoea virus (BVDV). <i>Planta Medica</i> , <b>2006</b> , 72, 1169-74	3.1	109
628	Molecular principles of cancer invasion and metastasis (review). <i>International Journal of Oncology</i> , <b>2009</b> , 34, 881-95	1	108
627	Kaempferol derivatives as antiviral drugs against the 3a channel protein of coronavirus. <i>Planta Medica</i> , <b>2014</b> , 80, 177-82	3.1	105
626	African flora has the potential to fight multidrug resistance of cancer. <i>BioMed Research International</i> , <b>2015</b> , 2015, 914813	3	102
625	Molecular target-guided tumor therapy with natural products derived from traditional Chinese medicine. <i>Current Medicinal Chemistry</i> , <b>2007</b> , 14, 2024-32	4.3	102
624	Oxidative stress response of tumor cells: microarray-based comparison between artemisinins and anthracyclines. <i>Biochemical Pharmacology</i> , <b>2004</b> , 68, 3-10	6	102
623	Phytochemistry and pharmacogenomics of natural products derived from traditional Chinese medicine and Chinese materia medica with activity against tumor cells. <i>Molecular Cancer Therapeutics</i> , <b>2008</b> , 7, 152-61	6.1	101
622	Review of current and "omics" methods for assessing the toxicity (genotoxicity, teratogenicity and nephrotoxicity) of herbal medicines and mushrooms. <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 140, 492-512	5	99

621	New efficient artemisinin derived agents against human leukemia cells, human cytomegalovirus and Plasmodium falciparum: 2nd generation 1,2,4-trioxane-ferrocene hybrids. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 97, 164-72	6.8	93
620	Network pharmacology of cancer: From understanding of complex interactomes to the design of multi-target specific therapeutics from nature. <i>Pharmacological Research</i> , <b>2016</b> , 111, 290-302	10.2	93
619	ABCA3 as a possible cause of drug resistance in childhood acute myeloid leukemia. <i>Clinical Cancer Research</i> , <b>2006</b> , 12, 4357-63	12.9	92
618	P-glycoprotein and its inhibition in tumors by phytochemicals derived from Chinese herbs. <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 141, 557-70	5	90
617	Tumor microenvironment and epithelial mesenchymal transition as targets to overcome tumor multidrug resistance. <i>Drug Resistance Updates</i> , <b>2020</b> , 53, 100715	23.2	89
616	Cytotoxicity and modes of action of four Cameroonian dietary spices ethno-medically used to treat cancers: <i>Echinops giganteus</i> , <i>Xylopiya aethiopyca</i> , <i>Imperata cylindrica</i> and <i>Piper capense</i> . <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 149, 245-53	5	88
615	Antioxidant activities and xanthine oxidase inhibitory effects of extracts and main polyphenolic compounds obtained from <i>Geranium sibiricum</i> L. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 4737-43	5.7	88
614	First evidence that the antimalarial drug artesunate inhibits invasion and in vivo metastasis in lung cancer by targeting essential extracellular proteases. <i>International Journal of Cancer</i> , <b>2010</b> , 127, 1475-85	7.5	88
613	Supercritical carbon dioxide extraction of seed oil from yellow horn ( <i>Xanthoceras sorbifolia</i> Bunge.) and its anti-oxidant activity. <i>Bioresource Technology</i> , <b>2010</b> , 101, 2537-44	11	86
612	Molecular modes of action of cantharidin in tumor cells. <i>Biochemical Pharmacology</i> , <b>2005</b> , 69, 811-8	6	84
611	Cytotoxic activity of secondary metabolites derived from <i>Artemisia annua</i> L. towards cancer cells in comparison to its designated active constituent artemisinin. <i>Phytomedicine</i> , <b>2011</b> , 18, 959-69	6.5	83
610	Gene expression profiling identifies novel key players involved in the cytotoxic effect of Artesunate on pancreatic cancer cells. <i>Biochemical Pharmacology</i> , <b>2009</b> , 78, 273-83	6	79
609	Role of transferrin receptor and the ABC transporters ABCB6 and ABCB7 for resistance and differentiation of tumor cells towards artesunate. <i>PLoS ONE</i> , <b>2007</b> , 2, e798	3.7	78
608	Therapeutic and diagnostic applications of nanoparticles. <i>Current Drug Targets</i> , <b>2011</b> , 12, 357-65	3	78
607	Highly potent artemisinin-derived dimers and trimers: Synthesis and evaluation of their antimalarial, antileukemia and antiviral activities. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 5452-8	3.4	76
606	Dihydroquercetin (DHQ) induced HO-1 and NQO1 expression against oxidative stress through the Nrf2-dependent antioxidant pathway. <i>Journal of Agricultural and Food Chemistry</i> , <b>2013</b> , 61, 2755-61	5.7	75
605	Fighting cancer with red wine? Molecular mechanisms of resveratrol. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2009</b> , 49, 782-99	11.5	75
604	Effect of artemisinins and other endoperoxides on nitric oxide-related signaling pathway in RAW 264.7 mouse macrophage cells. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2008</b> , 19, 184-91	5	75

603	Mode of cell death induction by pharmacological vacuolar H <sup>+</sup> -ATPase (V-ATPase) inhibition. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 1385-96	5.4	74
602	Combination treatment of glioblastoma multiforme cell lines with the anti-malarial artesunate and the epidermal growth factor receptor tyrosine kinase inhibitor OSI-774. <i>Biochemical Pharmacology</i> , <b>2004</b> , 67, 1689-700	6	73
601	Anticancer activities of six selected natural compounds of some Cameroonian medicinal plants. <i>PLoS ONE</i> , <b>2011</b> , 6, e21762	3.7	72
600	Cytotoxicity and modes of action of three naturally occurring xanthenes (8-hydroxycudraxanthone G, morusignin I and cudraxanthone I) against sensitive and multidrug-resistant cancer cell lines. <i>Phytomedicine</i> , <b>2014</b> , 21, 315-22	6.5	71
599	Cajanol, a novel anticancer agent from Pigeonpea [ <i>Cajanus cajan</i> (L.) Millsp.] roots, induces apoptosis in human breast cancer cells through a ROS-mediated mitochondrial pathway. <i>Chemico-Biological Interactions</i> , <b>2010</b> , 188, 151-60	5	71
598	Cancer combination therapies with artemisinin-type drugs. <i>Biochemical Pharmacology</i> , <b>2017</b> , 139, 56-70	6	70
597	Beyond malaria: The inhibition of viruses by artemisinin-type compounds. <i>Biotechnology Advances</i> , <b>2018</b> , 36, 1730-1737	17.8	70
596	Cytotoxicity of seven naturally occurring phenolic compounds towards multi-factorial drug-resistant cancer cells. <i>Phytomedicine</i> , <b>2016</b> , 23, 856-63	6.5	70
595	Tumor Heterogeneity, Single-Cell Sequencing, and Drug Resistance. <i>Pharmaceuticals</i> , <b>2016</b> , 9,	5.2	70
594	Activity of the dietary flavonoid, apigenin, against multidrug-resistant tumor cells as determined by pharmacogenomics and molecular docking. <i>Journal of Nutritional Biochemistry</i> , <b>2015</b> , 26, 44-56	6.3	69
593	Molecular biology of cantharidin in cancer cells. <i>Chinese Medicine</i> , <b>2007</b> , 2, 8	4.7	69
592	Synthesis and study of cytotoxic activity of 1,2,4-trioxane- and egonol-derived hybrid molecules against <i>Plasmodium falciparum</i> and multidrug-resistant human leukemia cells. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 75, 403-12	6.8	68
591	Cytotoxicity and modes of action of four naturally occurring benzophenones: 2,2',5,6'-tetrahydroxybenzophenone, guttiferone E, isogarcinol and isoxanthochymol. <i>Phytomedicine</i> , <b>2013</b> , 20, 528-36	6.5	68
590	Cytotoxicity of artesunic acid homo- and heterodimer molecules toward sensitive and multidrug-resistant CCRF-CEM leukemia cells. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 4842-8	8.3	68
589	Cytotoxicity and modes of action of five Cameroonian medicinal plants against multi-factorial drug resistance of tumor cells. <i>Journal of Ethnopharmacology</i> , <b>2014</b> , 153, 207-19	5	66
588	Negative-pressure cavitation extraction for the determination of flavonoids in pigeon pea leaves by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 3841-50	4.5	65
587	Prevention from radiation damage by natural products. <i>Phytomedicine</i> , <b>2018</b> , 47, 192-200	6.5	65
586	In silico drug discovery of major metabolites from spices as SARS-CoV-2 main protease inhibitors. <i>Computers in Biology and Medicine</i> , <b>2020</b> , 126, 104046	7	64

585	Cytotoxic flavonoids and isoflavonoids from <i>Erythrina sigmoidea</i> towards multi-factorial drug resistant cancer cells. <i>Investigational New Drugs</i> , <b>2014</b> , 32, 1053-62	4.3	63
584	Chemoresistance and chemosensitization in cholangiocarcinoma. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2018</b> , 1864, 1444-1453	6.9	62
583	Novel artemisinin derivatives with potential usefulness against liver/colon cancer and viral hepatitis. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 4432-41	3.4	62
582	Shikonin directly targets mitochondria and causes mitochondrial dysfunction in cancer cells. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2012</b> , 2012, 726025	2.3	62
581	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). <i>Breast Cancer Research and Treatment</i> , <b>2017</b> , 164, 359-369	4.4	61
580	Antischistosomal activity of artemisinin derivatives in vivo and in patients. <i>Pharmacological Research</i> , <b>2016</b> , 110, 216-226	10.2	61
579	Pharmacogenomics of Cameroonian traditional herbal medicine for cancer therapy. <i>Journal of Ethnopharmacology</i> , <b>2011</b> , 137, 752-66	5	61
578	Natural products as promising drug candidates for the treatment of hepatitis B and C. <i>Acta Pharmacologica Sinica</i> , <b>2009</b> , 30, 25-30	8	60
577	Prediction of Cancer Drug Resistance and Implications for Personalized Medicine. <i>Frontiers in Oncology</i> , <b>2015</b> , 5, 282	5.3	59
576	Multiple resistance to carcinogens and xenobiotics: P-glycoproteins as universal detoxifiers. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 2515-2538	5.8	58
575	Indole and carbazole alkaloids from <i>Glycosmis montana</i> with weak anti-HIV and cytotoxic activities. <i>Phytochemistry</i> , <b>2005</b> , 66, 697-701	4	58
574	Development of resistance towards artesunate in MDA-MB-231 human breast cancer cells. <i>PLoS ONE</i> , <b>2011</b> , 6, e20550	3.7	57
573	Expression profiling of ATP-binding cassette transporters in childhood T-cell acute lymphoblastic leukemia. <i>Molecular Cancer Therapeutics</i> , <b>2006</b> , 5, 1986-94	6.1	57
572	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. <i>BMC Cancer</i> , <b>2006</b> , 6, 267	4.8	56
571	First study of oral Arteminol-R in advanced cervical cancer: clinical benefit, tolerability and tumor markers. <i>Anticancer Research</i> , <b>2011</b> , 31, 4417-22	2.3	56
570	Activity of <i>Artemisia annua</i> and artemisinin derivatives, in prostate carcinoma. <i>Phytomedicine</i> , <b>2015</b> , 22, 1223-31	6.5	55
569	Gems from traditional north-African medicine: medicinal and aromatic plants from Sudan. <i>Natural Products and Bioprospecting</i> , <b>2012</b> , 2, 92-103	4.9	55
568	Drug resistance in Plasmodium: natural products in the fight against malaria. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2009</b> , 9, 206-2124	3.2	55

567	Separation of 7-xylosyl-10-deacetyl paclitaxel and 10-deacetylbaecatin III from the remainder extracts free of paclitaxel using macroporous resins. <i>Journal of Chromatography A</i> , <b>2008</b> , 1177, 77-86	4.5	55
566	Molecular modes of action of cephalotaxine and homoharringtonine from the coniferous tree <i>Cephalotaxus hainanensis</i> in human tumor cell lines. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2003</b> , 367, 56-67	3.4	55
565	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. <i>Phytomedicine</i> , <b>2014</b> , 21, 1325-48	6.5	54
564	Can medical herbs stimulate regeneration or neuroprotection and treat neuropathic pain in chemotherapy-induced peripheral neuropathy?. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 423713	2.3	54
563	Synthesis of Novel Hybrids of Quinazoline and Artemisinin with High Activities against , Human Cytomegalovirus, and Leukemia Cells. <i>ACS Omega</i> , <b>2017</b> , 2, 2422-2431	3.9	53
562	Shikonin derivatives for cancer prevention and therapy. <i>Cancer Letters</i> , <b>2019</b> , 459, 248-267	9.9	53
561	Molecular interaction of artemisinin with translationally controlled tumor protein (TCTP) of <i>Plasmodium falciparum</i> . <i>Biochemical Pharmacology</i> , <b>2013</b> , 85, 38-45	6	53
560	Potential of Central, Eastern and Western Africa Medicinal Plants for Cancer Therapy: Spotlight on Resistant Cells and Molecular Targets. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 343	5.6	53
559	Traditional Chinese medicine research in the post-genomic era: good practice, priorities, challenges and opportunities. <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 140, 458-68	5	53
558	Human cytomegalovirus kinetics following institution of artesunate after hematopoietic stem cell transplantation. <i>Antiviral Research</i> , <b>2011</b> , 90, 183-6	10.8	53
557	Cytotoxicity and mode of action of four naturally occurring flavonoids from the genus <i>Dorstenia</i> : gancaonin Q, 4-hydroxyonchocarpin, 6-prenylapigenin, and 6,8-diprenylerydiol. <i>Planta Medica</i> , <b>2011</b> , 77, 1984-9	3.1	53
556	Evolution of the adaptogenic concept from traditional use to medical systems: Pharmacology of stress- and aging-related diseases. <i>Medicinal Research Reviews</i> , <b>2021</b> , 41, 630-703	14.4	53
555	Integration of phytochemicals and phytotherapy into cancer precision medicine. <i>Oncotarget</i> , <b>2017</b> , 8, 50284-50304	3.3	52
554	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. <i>Oncotarget</i> , <b>2015</b> , 6, 38934-51	3.3	52
553	A naturally occurring triterpene saponin ardisiacrispin B displayed cytotoxic effects in multi-factorial drug resistant cancer cells via ferroptotic and apoptotic cell death. <i>Phytomedicine</i> , <b>2018</b> , 43, 78-85	6.5	51
552	Dryofragin, a phloroglucinol derivative, induces apoptosis in human breast cancer MCF-7 cells through ROS-mediated mitochondrial pathway. <i>Chemico-Biological Interactions</i> , <b>2012</b> , 199, 129-36	5	51
551	Aqueous enzymatic process assisted by microwave extraction of oil from yellow horn ( <i>Xanthoceras sorbifolia</i> Bunge.) seed kernels and its quality evaluation. <i>Food Chemistry</i> , <b>2013</b> , 138, 2152-8	8.5	50
550	Molecular mechanisms underlying St. John's wort drug interactions. <i>Current Drug Metabolism</i> , <b>2008</b> , 9, 1027-37	3.5	50



549	Use of CpG island microarrays to identify colorectal tumors with a high degree of concurrent methylation. <i>Methods</i> , <b>2002</b> , 27, 162-9	4.6	50
548	Shikonin and its derivatives inhibit the epidermal growth factor receptor signaling and synergistically kill glioblastoma cells in combination with erlotinib. <i>International Journal of Cancer</i> , <b>2015</b> , 137, 1446-56	7.5	49
547	Cytotoxicity of the indole alkaloid reserpine from <i>Rauwolfia serpentina</i> against drug-resistant tumor cells. <i>Phytomedicine</i> , <b>2015</b> , 22, 308-18	6.5	48
546	Synthesis of Thymoquinone-Artemisinin Hybrids: New Potent Antileukemia, Antiviral, and Antimalarial Agents. <i>ACS Medicinal Chemistry Letters</i> , <b>2018</b> , 9, 534-539	4.3	48
545	The emergence of drug resistance to targeted cancer therapies: Clinical evidence. <i>Drug Resistance Updates</i> , <b>2019</b> , 47, 100646	23.2	48
544	Cytotoxicity and modes of action of 4'-hydroxy-2',6'-dimethoxychalcone and other flavonoids toward drug-sensitive and multidrug-resistant cancer cell lines. <i>Phytomedicine</i> , <b>2014</b> , 21, 1651-7	6.5	48
543	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. <i>Phytomedicine</i> , <b>2017</b> , 33, 62-68	6.5	48
542	Collateral sensitivity of natural products in drug-resistant cancer cells. <i>Biotechnology Advances</i> , <b>2020</b> , 38, 107342	17.8	48
541	The ability of molecular docking to unravel the controversy and challenges related to P-glycoprotein--a well-known, yet poorly understood drug transporter. <i>Investigational New Drugs</i> , <b>2014</b> , 32, 618-25	4.3	47
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136	Natural products pave their way in cancer therapy. <i>Cancer Biology and Therapy</i> , <b>2009</b> , 8, 1869-70	4.6	4

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134	Pharmacogenetics and Pharmacotherapy of Military Personnel Suffering from Post-traumatic Stress Disorder. <i>Current Neuropharmacology</i> , <b>2017</b> , 15, 831-860	7.6	4
133	Retrospective study of small pet tumors treated with <i>Artemisia annua</i> and iron. <i>International Journal of Oncology</i> , <b>2020</b> , 56, 123-138	4.4	4
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125	Cytotoxic alkaloids from the root of (mildbr) Kokwaro. <i>Natural Product Research</i> , <b>2021</b> , 1-8	2.3	4
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108	Regulation of endoplasmic reticulum stress by hesperetin: Focus on antitumor and cytoprotective effects.. <i>Phytomedicine</i> , <b>2022</b> , 100, 153985	6.5	3
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57	Novel Developments on Artemisinin and Its Derivatives for Cancer Therapy <b>2010</b> , 227-251		1
56	Activation of Mitochondria-Driven Pathways by Artemisinin and Its Derivatives <b>2014</b> , 135-150		1
55	Steroidal saponins from <i>Raphia vinifera</i> and their cytotoxic activity. <i>Steroids</i> , <b>2020</b> , 163, 108724	2.8	1
54	Genomic landscape analyses in cervical carcinoma and consequences for treatment. <i>Current Opinion in Pharmacology</i> , <b>2020</b> , 54, 142-157	5.1	1
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37	Established Anticancer Drugs from Natural Origin <b>2014</b> , 343-389		0
36	Cardioprotective effects of phytopigments via multiple signaling pathways. <i>Phytomedicine</i> , <b>2021</b> , 95, 153859	6.5	0
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33	Nimbolide inhibits 2D and 3D prostate cancer cells migration, affects microtubules and angiogenesis and suppresses B-RAF/p.ERK-mediated in vivo tumor growth. <i>Phytomedicine</i> , <b>2022</b> , 94, 153826	6.5	0
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13	Marine Compounds <b>2014</b> , 209-250		
12	Chemical-Biology of Natural Products from Medicinal Plants for Cancer Therapy <b>2010</b> , 557-582		
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4	Molecular Docking Analysis of Steroid-based Copper Transporter 1 Inhibitors. <i>Anticancer Research</i> , <b>2015</b> , 35, 6505-8	2.3
3	Effect of Extraction Methodology on the Phytochemical Composition for <i>Camelia sinensis</i> Powdered Tea Extracts from Different Provenances. <i>Beverages</i> , <b>2022</b> , 8, 13	3.4
2	Transcriptomics, molecular docking, and cross-resistance profiling of nobiletin in cancer cells and synergistic interaction with doxorubicin upon SOX5 transfection.. <i>Phytomedicine</i> , <b>2022</b> , 100, 154064	6.5
1	A saponin from <i>astragalus</i> promotes pancreatic ductal organoids differentiation into insulin-producing cells. <i>Phytomedicine</i> , <b>2022</b> , 102, 154190	6.5