

Thomas Efferth

List of Publications by Year in Descending Order

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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	Green tea-derived theabrownin induces cellular senescence and apoptosis of hepatocellular carcinoma through p53 signaling activation and bypassed JNK signaling suppression.. <i>Cancer Cell International</i> , 2022 , 22, 39	6.4	2
673	Regulation of endoplasmic reticulum stress by hesperetin: Focus on antitumor and cytoprotective effects.. <i>Phytomedicine</i> , 2022 , 100, 153985	6.5	3
672	Cytotoxic flavonoids from the seeds of <i>Dracaena steudneri</i> Engl against leukemia cancer cell lines. <i>Phytomedicine Plus</i> , 2022 , 2, 100234		1
671	Role of medicinal plants in inhibiting SARS-CoV-2 and in the management of post-COVID-19 complications.. <i>Phytomedicine</i> , 2022 , 98, 153930	6.5	2
670	Nanoscale delivery of phytochemicals targeting CRISPR/Cas9 for cancer therapy. <i>Phytomedicine</i> , 2022 , 94, 153830	6.5	0
669	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> , 2022 , 94, 153826	6.5	0
668	Investigation of the influence of chirality and halogen atoms on the anticancer activity of enantiopure palladium(ii) complexes derived from chiral amino-alcohol Schiff bases and 2-picolyamine. <i>New Journal of Chemistry</i> , 2022 , 46, 6470-6483	3.6	1
667	Effect of Extraction Methodology on the Phytochemical Composition for <i>Camelia sinensis</i> Powdered Tea Extracts from Different Provenances. <i>Beverages</i> , 2022 , 8, 13	3.4	
666	Biflavonoids from <i>Ginkgo biloba</i> leaves as a novel anti-atherosclerotic candidate: Inhibition potency and mechanistic analysis.. <i>Phytomedicine</i> , 2022 , 102, 154053	6.5	2
665	Transcriptomics, molecular docking, and cross-resistance profiling of nobiletin in cancer cells and synergistic interaction with doxorubicin upon SOX5 transfection.. <i>Phytomedicine</i> , 2022 , 100, 154064	6.5	
664	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.. <i>Journal of Ethnopharmacology</i> , 2022 , 115167	5	3
663	Plant cell cultures: An enzymatic tool for polyphenolic and flavonoid transformations.. <i>Phytomedicine</i> , 2022 , 100, 154019	6.5	0
662	Tanshinol suppresses osteosarcoma by specifically inducing apoptosis of U2-OS cells through p53-mediated mechanism.. <i>Journal of Ethnopharmacology</i> , 2022 , 292, 115214	5	0
661	Phytochemicals with activity against methicillin-resistant <i>Staphylococcus aureus</i> .. <i>Phytomedicine</i> , 2022 , 100, 154073	6.5	1
660	Fuzi decoction ameliorates pain and cartilage degeneration of osteoarthritic rats through PI3K-Akt signaling pathway and its clinical retrospective evidence.. <i>Phytomedicine</i> , 2022 , 100, 154071	6.5	0
659	Naphthoquinone derivatives as P-glycoprotein inducers in inflammatory bowel disease: 2D monolayers, 3D spheroids, and in vivo models.. <i>Pharmacological Research</i> , 2022 , 106233	10.2	0
658	Flavanols from <i>Tetrapleura tetraptera</i> with cytotoxic activities.. <i>Phytotherapy</i> , 2022 , 160, 105206	3.2	0

657	Phytochemistry, structural diversity, biological activities and pharmacokinetics of iridoids isolated from various genera of the family Scrophulariaceae Juss.. <i>Phytomedicine Plus</i> , 2022 , 2, 100287		1
656	Identification of active components in <i>Andrographis paniculata</i> targeting on CD81 in esophageal cancer in vitro and in vivo. <i>Phytomedicine</i> , 2022 , 102, 154183	6.5	0
655	A saponin from astragalus promotes pancreatic ductal organoids differentiation into insulin-producing cells. <i>Phytomedicine</i> , 2022 , 102, 154190	6.5	
654	Phytochemistry and bioactivities of the main constituents of <i>Polyporus umbellatus</i> (Pers.) Fries. <i>Phytomedicine</i> , 2022 , 103, 154196	6.5	0
653	Polysaccharide Alleviates Intestinal Inflammation by Promoting Small Extracellular Vesicle Packaging of miR-433-3p. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 13510-13523	5.7	2
652	Cardioprotective effects of phytopigments via multiple signaling pathways. <i>Phytomedicine</i> , 2021 , 95, 153859	6.5	0
651	Ethnopharmacology, phytochemistry, chemical ecology and invasion biology of <i>Acanthus mollis</i> L. <i>Journal of Ethnopharmacology</i> , 2021 , 285, 114833	5	
650	Phytomedicine mourns the death of its founding editor Professor Hildebert Wagner.. <i>Phytomedicine</i> , 2021 , 95, 153896	6.5	0
649	Network Pharmacology of Ginseng (Part II): The Differential Effects of Red Ginseng and Ginsenoside Rg5 in Cancer and Heart Diseases as Determined by Transcriptomics. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	3
648	The intestinal 3M (microbiota, metabolism, metabolome) zeitgeist - from fundamentals to future challenges. <i>Free Radical Biology and Medicine</i> , 2021 , 176, 265-285	7.8	3
647	Increased Stress Resistance and Lifespan in Wildtype and Knockout Mutants-Implications for Depression Treatment by Medicinal Herbs. <i>Molecules</i> , 2021 , 26,	4.8	3
646	Pyrrolizidine alkaloids cause cell cycle and DNA damage repair defects as analyzed by transcriptomics in cytochrome P450 3A4-overexpressing HepG2 clone 9 cells. <i>Cell Biology and Toxicology</i> , 2021 , 1	7.4	1
645	In Silico Mining of Terpenes from Red-Sea Invertebrates for SARS-CoV-2 Main Protease (M) Inhibitors. <i>Molecules</i> , 2021 , 26,	4.8	24
644	Induction of stress resistance and extension of lifespan in <i>Chaenorhabditis elegans</i> serotonin-receptor knockout strains by withanolide A. <i>Phytomedicine</i> , 2021 , 84, 153482	6.5	4
643	Bioactivity of fractions and constituents of <i>Piper capense</i> fruits towards a broad panel of cancer cells. <i>Journal of Ethnopharmacology</i> , 2021 , 271, 113884	5	4
642	Toxicity as prime selection criterion among SARS-active herbal medications. <i>Phytomedicine</i> , 2021 , 85, 153476	6.5	3
641	Multi-omics approaches to improve malaria therapy. <i>Pharmacological Research</i> , 2021 , 167, 105570	10.2	4
640	Cytotoxic alkaloids from the root of (mildbr) Kokwaro. <i>Natural Product Research</i> , 2021 , 1-8	2.3	4

639	Selection of safe artemisinin derivatives using a machine learning-based cardiotoxicity platform and in vitro and in vivo validation. <i>Archives of Toxicology</i> , 2021 , 95, 2485-2495	5.8	0
638	Xylochemical Synthesis and Biological Evaluation of Shancigusin C and Bletistrin G. <i>Molecules</i> , 2021 , 26,	4.8	1
637	Withanone Ameliorates Stress Symptoms in <i>Caenorhabditis Elegans</i> by Acting through Serotonin Receptors. <i>Pharmacopsychiatry</i> , 2021 , 54, 215-223	2	
636	Screening of potent phytochemical inhibitors against SARS-CoV-2 protease and its two Asian mutants. <i>Computers in Biology and Medicine</i> , 2021 , 133, 104362	7	8
635	Identification of novel compounds against three targets of SARS CoV-2 coronavirus by combined virtual screening and supervised machine learning. <i>Computers in Biology and Medicine</i> , 2021 , 133, 104359	7	42
634	A novel moniliformin derivative as pan-inhibitor of histone deacetylases triggering apoptosis of leukemia cells. <i>Biochemical Pharmacology</i> , 2021 , 194, 114677	6	2
633	Anti-inflammatory and tight junction protective activity of the herbal preparation STW 5-II on mouse intestinal organoids. <i>Phytomedicine</i> , 2021 , 88, 153589	6.5	6
632	Network pharmacology of triptolide in cancer cells: implications for transcription factor binding. <i>Investigational New Drugs</i> , 2021 , 39, 1523-1537	4.3	3
631	Polyoxypregnanes as safe, potent, and specific ABCB1-inhibitory pro-drugs to overcome multidrug resistance in cancer chemotherapy and. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 1885-1902	15.5	1
630	West meets east: open up a dialogue on phytomedicine. <i>Chinese Medicine</i> , 2021 , 16, 57	4.7	4
629	Isopetasin and S-isopetasin as novel P-glycoprotein inhibitors against multidrug-resistant cancer cells. <i>Phytomedicine</i> , 2021 , 86, 153196	6.5	12
628	Repurposing of artemisinin-type drugs for the treatment of acute leukemia. <i>Seminars in Cancer Biology</i> , 2021 , 68, 291-312	12.7	4
627	Targeting epigenetics in cancer: therapeutic potential of flavonoids. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 61, 1616-1639	11.5	17
626	Anti-poliovirus activity of aqueous extract. <i>Natural Product Research</i> , 2021 , 35, 633-636	2.3	5
625	Cytotoxicity of fagaramide derivative and canthin-6-one from (Rutaceae) species against multidrug resistant leukemia cells. <i>Natural Product Research</i> , 2021 , 35, 579-586	2.3	8
624	Chemotherapeutic efficacy of curcumin and resveratrol against cancer: Chemoprevention, chemoprotection, drug synergism and clinical pharmacokinetics. <i>Seminars in Cancer Biology</i> , 2021 , 73, 310-320	12.7	34
623	Medicinal plants and phytochemicals against multidrug-resistant tumor cells expressing ABCB1, ABCG2, or ABCB5: a synopsis of 2 decades. <i>Phytochemistry Reviews</i> , 2021 , 20, 7-53	7.7	5
622	Identification of potential inhibitors targeting BRAF-V600E mutant melanoma cells. <i>Journal of the American Academy of Dermatology</i> , 2021 , 84, 1086-1089	4.5	2

621	Screening for natural and derived bio-active compounds in preclinical and clinical studies: One of the frontlines of fighting the coronaviruses pandemic. <i>Phytomedicine</i> , 2021 , 85, 153311	6.5	25
620	Traditional Chinese herbal medicine at the forefront battle against COVID-19: Clinical experience and scientific basis. <i>Phytomedicine</i> , 2021 , 80, 153337	6.5	47
619	Cytotoxicity and apoptosis induction by <i>Fumaria officinalis</i> extracts in leukemia and multiple myeloma cell lines. <i>Journal of Ethnopharmacology</i> , 2021 , 266, 113458	5	8
618	Identification and characterization of deschloro-chlorothricin obtained from a large natural product library targeting aurora A kinase in multiple myeloma. <i>Investigational New Drugs</i> , 2021 , 39, 348-361	4.3	2
617	Cytotoxicity of apigenin toward multiple myeloma cell lines and suppression of iNOS and COX-2 expression in STAT1-transfected HEK293 cells. <i>Phytomedicine</i> , 2021 , 80, 153371	6.5	20
616	The alkaloid, soyauxinium chloride, displays remarkable cytotoxic effects towards a panel of cancer cells, inducing apoptosis, ferroptosis and necroptosis. <i>Chemico-Biological Interactions</i> , 2021 , 333, 109334 ⁵		2
615	Exploring natural products-based cancer therapeutics derived from egyptian flora. <i>Journal of Ethnopharmacology</i> , 2021 , 269, 113626	5	8
614	Cytotoxic phytochemicals from the crude extract of <i>Tetrapleura tetraptera</i> fruits towards multi-factorial drug resistant cancer cells. <i>Journal of Ethnopharmacology</i> , 2021 , 267, 113632	5	3
613	AMG900 as novel inhibitor of the translationally controlled tumor protein. <i>Chemico-Biological Interactions</i> , 2021 , 334, 109349	5	0
612	Cytotoxicity of botanicals and isolated phytochemicals from <i>Araliopsis soyauxii</i> Engl. (Rutaceae) towards a panel of human cancer cells. <i>Journal of Ethnopharmacology</i> , 2021 , 267, 113535	5	2
611	Ursolic acid ameliorates stress and reactive oxygen species in <i>C. elegans</i> knockout mutants by the dopamine Dop1 and Dop3 receptors. <i>Phytomedicine</i> , 2021 , 81, 153439	6.5	8
610	Phytochemical characterization and biological activities of green tea (<i>Camellia sinensis</i>) produced in the Azores, Portugal. <i>Phytomedicine Plus</i> , 2021 , 1, 100001		2
609	2-Hydroxyalantolactone from <i>Pulicaria undulata</i> : activity against multidrug-resistant tumor cells and modes of action. <i>Phytomedicine</i> , 2021 , 81, 153409	6.5	7
608	Drug repurposing using transcriptome sequencing and virtual drug screening in a patient with glioblastoma. <i>Investigational New Drugs</i> , 2021 , 39, 670-685	4.3	3
607	Evolution of the adaptogenic concept from traditional use to medical systems: Pharmacology of stress- and aging-related diseases. <i>Medicinal Research Reviews</i> , 2021 , 41, 630-703	14.4	53
606	Cytotoxic and chemotaxonomic study of isolated metabolites from <i>Centaurea aegyptiaca</i> . <i>Journal of the Chinese Chemical Society</i> , 2021 , 68, 159-168	1.5	5
605	Repurposing of plant alkaloids for cancer therapy: Pharmacology and toxicology. <i>Seminars in Cancer Biology</i> , 2021 , 68, 143-163	12.7	21
604	Identification of potential novel drug resistance mechanisms by genomic and transcriptomic profiling of colon cancer cells with p53 deletion. <i>Archives of Toxicology</i> , 2021 , 95, 959-974	5.8	1

603	A novel ligand of the translationally controlled tumor protein (TCTP) identified by virtual drug screening for cancer differentiation therapy. <i>Investigational New Drugs</i> , 2021 , 39, 914-927	4.3	1
602	Health(care) in the Crisis: Reflections in Science and Society on Opioid Addiction. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	3
601	Butyl octyl phthalate interacts with estrogen receptor in MCF-7 breast cancer cells to promote cancer development. <i>World Academy of Sciences Journal</i> , 2021 , 3,	1.4	1
600	Identification of metastasis-related genes by genomic and transcriptomic studies in murine melanoma. <i>Life Sciences</i> , 2021 , 267, 118922	6.8	2
599	Activity of Cordycepin From <i>Cordyceps sinensis</i> Against Drug-Resistant Tumor Cells as Determined by Gene Expression and Drug Sensitivity Profiling. <i>Natural Product Communications</i> , 2021 , 16, 1934578X2199335	0.9	1
598	Shikonin Reduces Growth of Docetaxel-Resistant Prostate Cancer Cells Mainly through Necroptosis. <i>Cancers</i> , 2021 , 13,	6.6	11
597	Chemoprevention and therapeutic role of essential oils and phenolic compounds: Modeling tumor microenvironment in glioblastoma. <i>Pharmacological Research</i> , 2021 , 169, 105638	10.2	3
596	Can eastern wisdom resolve western epidemics? Traditional Chinese medicine therapies and the opioid crisis. <i>Journal of Integrative Medicine</i> , 2021 , 19, 295-299	4	
595	The immunosuppressive activity of artemisinin-type drugs towards inflammatory and autoimmune diseases. <i>Medicinal Research Reviews</i> , 2021 , 41, 3023-3061	14.4	15
594	The triterpenoid ursolic acid ameliorates stress in <i>Caenorhabditis elegans</i> by affecting the depression-associated genes <i>skn-1</i> and <i>prdx2</i> . <i>Phytomedicine</i> , 2021 , 88, 153598	6.5	4
593	Blue Biotechnology: Computational Screening of Cembranoid Diterpenes for SARS-CoV-2 Main Protease Inhibition. <i>Marine Drugs</i> , 2021 , 19,	6	12
592	Two new diterpenoids from kencur (<i>Kaempferia galanga</i>): Structure elucidation and chemosystematic significance. <i>Phytochemistry Letters</i> , 2021 , 44, 185-189	1.9	0
591	Phytochemical inhibitors of the NLRP3 inflammasome for the treatment of inflammatory diseases. <i>Pharmacological Research</i> , 2021 , 170, 105710	10.2	9
590	Botanicals and phytochemicals from the bark of <i>Hypericum roeperianum</i> (Hypericaceae) had strong antibacterial activity and showed synergistic effects with antibiotics against multidrug-resistant bacteria expressing active efflux pumps. <i>Journal of Ethnopharmacology</i> , 2021 , 277, 114257	5	7
589	Dietary polyphenols in chemoprevention and synergistic effect in cancer: Clinical evidences and molecular mechanisms of action. <i>Phytomedicine</i> , 2021 , 90, 153554	6.5	19
588	Role of Levo-tetrahydropalmatine and its metabolites for management of chronic pain and opioid use disorders. <i>Phytomedicine</i> , 2021 , 90, 153594	6.5	2
587	Network Pharmacology of Red Ginseng (Part I): Effects of Ginsenoside Rg5 at Physiological and Sub-Physiological Concentrations. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
586	Cytotoxicity of 4-hydroxy-N-(naphthalen-1-yl)-2-oxo-2H-chromene-3-carboxamide in multidrug-resistant cancer cells through activation of PERK/eIF2 β /ATF4 pathway. <i>Biochemical Pharmacology</i> , 2021 , 193, 114788	6	0

585	The neuroprotective potential of carotenoids in vitro and in vivo. <i>Phytomedicine</i> , 2021 , 91, 153676	6.5	7
584	Identification of novel drug resistance mechanisms by genomic and transcriptomic profiling of glioblastoma cells with mutation-activated EGFR. <i>Life Sciences</i> , 2021 , 284, 119601	6.8	6
583	Synthesis, computational docking and biological evaluation of celastrol derivatives as dual inhibitors of SERCA and P-glycoprotein in cancer therapy. <i>European Journal of Medicinal Chemistry</i> , 2021 , 224, 113676	6.8	1
582	Ursolic acid enhances stress resistance, reduces ROS accumulation and prolongs life span in <i>C. elegans</i> serotonin-deficient mutants. <i>Food and Function</i> , 2021 , 12, 2242-2256	6.1	4
581	The Impact of Artificial Intelligence on Traditional Chinese Medicine. <i>The American Journal of Chinese Medicine</i> , 2021 , 49, 1297-1314	6	8
580	Artesunate Impairs Growth in Cisplatin-Resistant Bladder Cancer Cells by Cell Cycle Arrest, Apoptosis and Autophagy Induction. <i>Cells</i> , 2020 , 9,	7.9	25
579	Induction of Apoptosis, Autophagy and Ferroptosis by and Extract in Leukemia and Multiple Myeloma Cell Lines. <i>Molecules</i> , 2020 , 25,	4.8	11
578	Bisphenolic compounds alter gene expression in MCF-7 cells through interaction with estrogen receptor β <i>Toxicology and Applied Pharmacology</i> , 2020 , 399, 115030	4.6	7
577	New isopimaradiene diterpenoids from kaempulchraol E via <i>Rhizopus oryzae</i> fungal transformation. <i>Phytochemistry Letters</i> , 2020 , 38, 107-111	1.9	1
576	Organoids of human airways to study infectivity and cytopathy of SARS-CoV-2. <i>Lancet Respiratory Medicine</i> , 2020 , 8, e55-e56	35.1	18
575	N-acetylglycoside of oleanolic acid (aridanin) displays promising cytotoxicity towards human and animal cancer cells, inducing apoptotic, ferroptotic and necroptotic cell death. <i>Phytomedicine</i> , 2020 , 76, 153261	6.5	16
574	Repurposing old drugs to fight multidrug resistant cancers. <i>Drug Resistance Updates</i> , 2020 , 52, 100713	23.2	29
573	Putative molecular determinants mediating sensitivity or resistance towards carnosic acid tumor cell responses. <i>Phytomedicine</i> , 2020 , 77, 153271	6.5	10
572	Molecular docking-based virtual drug screening revealing an oxofluorenyl benzamide and a bromonaphthalene sulfonamido hydroxybenzoic acid as HDAC6 inhibitors with cytotoxicity against leukemia cells. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 129, 110454	7.5	4
571	Chemopreventive Property of Sencha Tea Extracts towards Sensitive and Multidrug-Resistant Leukemia and Multiple Myeloma Cells. <i>Biomolecules</i> , 2020 , 10,	5.9	5
570	Tumor microenvironment and epithelial mesenchymal transition as targets to overcome tumor multidrug resistance. <i>Drug Resistance Updates</i> , 2020 , 53, 100715	23.2	89
569	Cardiotoxicity and Cardioprotection by Artesunate in Larval Zebrafish. <i>Dose-Response</i> , 2020 , 18, 1559325819897180	5.8	180
568	SERCA and P-glycoprotein inhibition and ATP depletion are necessary for celastrol-induced autophagic cell death and collateral sensitivity in multidrug-resistant tumor cells. <i>Pharmacological Research</i> , 2020 , 153, 104660	10.2	12

567	Anti-inflammatory and anti-cancer activities of frankincense: Targets, treatments and toxicities. <i>Seminars in Cancer Biology</i> , 2020 , 80, 39-39	12.7	27
566	Indeno[1,2,3-cd]pyrene and picene mediate actions via estrogen receptor signaling pathway in in vitro cell systems, altering gene expression. <i>Toxicology and Applied Pharmacology</i> , 2020 , 396, 114995	4.6	3
565	Cryptochlorogenic acid attenuates LPS-induced inflammatory response and oxidative stress via upregulation of the Nrf2/HO-1 signaling pathway in RAW 264.7 macrophages. <i>International Immunopharmacology</i> , 2020 , 83, 106436	5.8	17
564	8,8-bis-(Dihydroconiferyl)-diferulate displayed impressive cytotoxicity towards a panel of human and animal cancer cells. <i>Phytomedicine</i> , 2020 , 70, 153215	6.5	16
563	High TCTP expression as prognostic factor in different cancer types. <i>World Academy of Sciences Journal</i> , 2020 , 3, 1-1	1.4	2
562	Retrospective study of small pet tumors treated with <i>Artemisia annua</i> and iron. <i>International Journal of Oncology</i> , 2020 , 56, 123-138	4.4	4
561	Integration of Phytochemicals and Phytotherapy into Cancer Precision Medicine. <i>Human Perspectives in Health Sciences and Technology</i> , 2020 , 355-392	0.3	1
560	First Nations Healing: From Traditional Medicine to Experimental Ethnopharmacology. <i>Zeitschrift Fur Anglistik Und Amerikanistik</i> , 2020 , 68, 159-175	0.1	
559	Cytotoxicity of a naturally occurring spirostanol saponin, progenin III, towards a broad range of cancer cell lines by induction of apoptosis, autophagy and necroptosis. <i>Chemico-Biological Interactions</i> , 2020 , 326, 109141	5	14
558	Terpenoid bio-transformations and applications via cell/organ cultures: a systematic review. <i>Critical Reviews in Biotechnology</i> , 2020 , 40, 64-82	9.4	5
557	Gastroprotective effects of ursolic acid isolated from <i>Ochrosia elliptica</i> on ethanol-induced gastric ulcer in rats. <i>Medicinal Chemistry Research</i> , 2020 , 29, 113-125	2.2	4
556	Small molecule inhibitors and stimulators of inducible nitric oxide synthase in cancer cells from natural origin (phytochemicals, marine compounds, antibiotics). <i>Biochemical Pharmacology</i> , 2020 , 176, 113792	6	7
555	The antioxidant 2,3-dichloro,5,8-dihydroxy,1,4-naphthoquinone inhibits acetyl-cholinesterase activity and amyloid aggregation: A dual target therapeutic candidate compound for the treatment of Alzheimer's disease. <i>Biotechnology and Applied Biochemistry</i> , 2020 , 67, 983-990	2.8	2
554	Therapeutic potential of polyphenols in cardiovascular diseases: Regulation of mTOR signaling pathway. <i>Pharmacological Research</i> , 2020 , 152, 104626	10.2	47
553	Growth factors-based beneficial effects of platelet lysate on umbilical cord-derived stem cells and their synergistic use in osteoarthritis treatment. <i>Cell Death and Disease</i> , 2020 , 11, 857	9.8	9
552	Effect of ABC transporter expression and mutational status on survival rates of cancer patients. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 131, 110718	7.5	7
551	In silico drug discovery of major metabolites from spices as SARS-CoV-2 main protease inhibitors. <i>Computers in Biology and Medicine</i> , 2020 , 126, 104046	7	64
550	Cytotoxic polyoxygenated isopimarane diterpenoids from the edible rhizomes of <i>Kaempferia galanga</i> (kencur). <i>Industrial Crops and Products</i> , 2020 , 158, 112965	5.9	4

549	Multiple modes of cell death in neuroendocrine tumors induced by artesunate. <i>Phytomedicine</i> , 2020 , 79, 153332	6.5	8
548	Steroidal saponins from <i>Raphia vinifera</i> and their cytotoxic activity. <i>Steroids</i> , 2020 , 163, 108724	2.8	1
547	Cytotoxic Bufadienolides from the Leaves of. <i>Journal of Natural Products</i> , 2020 , 83, 2122-2128	4.9	6
546	Inhibition of cell migration and induction of apoptosis by a novel class II histone deacetylase inhibitor, MCC2344. <i>Pharmacological Research</i> , 2020 , 160, 105076	10.2	5
545	Genomic landscape analyses in cervical carcinoma and consequences for treatment. <i>Current Opinion in Pharmacology</i> , 2020 , 54, 142-157	5.1	1
544	Cytotoxic bufadienolides from the leaves of a medicinal plant <i>Melianthus comosus</i> collected in South Africa. <i>Bioorganic Chemistry</i> , 2020 , 102, 104102	5.1	4
543	Chemometric and Transcriptomic Profiling, Microtubule Disruption and Cell Death Induction by Secalonic Acid in Tumor Cells. <i>Molecules</i> , 2020 , 25,	4.8	3
542	Vitamin K chloro derivative (VKT-2) inhibits HDAC6, activates autophagy and apoptosis, and inhibits aggresome formation in hepatocellular carcinoma cells. <i>Biochemical Pharmacology</i> , 2020 , 180, 114176	6	3
541	Investigation of cancer drug resistance mechanisms by phosphoproteomics. <i>Pharmacological Research</i> , 2020 , 160, 105091	10.2	6
540	Evaluation of Long-Time Decoction-Detoxicated (Processed Debeaux Lateral Root With Peel) for Its Acute Toxicity and Therapeutic Effect on Mono-Iodoacetate Induced Osteoarthritis. <i>Frontiers in Pharmacology</i> , 2020 , 11, 1053	5.6	2
539	Comprehensive Overview on Multiple Strategies Fighting COVID-19. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	12
538	Antiproliferative Properties of a Few Auranofin-Related Gold(I) and Silver(I) Complexes in Leukemia Cells and their Interferences with the Ubiquitin Proteasome System. <i>Molecules</i> , 2020 , 25,	4.8	4
537	Artesunate Inhibits Growth of Sunitinib-Resistant Renal Cell Carcinoma Cells through Cell Cycle Arrest and Induction of Ferroptosis. <i>Cancers</i> , 2020 , 12,	6.6	23
536	<i>Salvia ceratophylla</i> L. from South of Jordan: new insights on chemical composition and biological activities. <i>Natural Products and Bioprospecting</i> , 2020 , 10, 307-316	4.9	2
535	Collateral sensitivity of natural products in drug-resistant cancer cells. <i>Biotechnology Advances</i> , 2020 , 38, 107342	17.8	48
534	Identification of inhibitors of the polo-box domain of polo-like kinase 1 from natural and semisynthetic compounds. <i>Investigational New Drugs</i> , 2020 , 38, 1-9	4.3	3
533	Best practice in research - Overcoming common challenges in phytopharmacological research. <i>Journal of Ethnopharmacology</i> , 2020 , 246, 112230	5	189
532	Vitamin K thio-derivative: a novel specific apoptotic inducer in the doxorubicin-sensitive and -resistant cancer cells. <i>Investigational New Drugs</i> , 2020 , 38, 650-661	4.3	5

531	Novel secondary metabolites from endophytic fungi: synthesis and biological properties. <i>Phytochemistry Reviews</i> , 2020 , 19, 425-448	7.7	23
530	Organophosphate ester tri-o-cresyl phosphate interacts with estrogen receptor β in MCF-7 breast cancer cells promoting cancer growth. <i>Toxicology and Applied Pharmacology</i> , 2020 , 395, 114977	4.6	12
529	Pinolenic acid ameliorates oleic acid-induced lipogenesis and oxidative stress via AMPK/SIRT1 signaling pathway in HepG2 cells. <i>European Journal of Pharmacology</i> , 2019 , 861, 172618	5.3	32
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236	An effective negative pressure cavitation-microwave assisted extraction for determination of phenolic compounds in <i>P. calliantha</i> H. Andr. <i>Analyst, The</i> , 2013 , 138, 4631-41	5	18
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224	Cytotoxicity and pharmacogenomics of medicinal plants from traditional Korean medicine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 341724	2.3	14
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