

CITATION REPORT

List of articles citing

Apoptosis as anticancer mechanism: function and dysfunction of its modulators and targeted therapeutic strate

DOI: 10.18632/aging.100934
Aging, 2016, 8, 603-19.

Source: <https://exaly.com/paper-pdf/63086105/citation-report.pdf>

Version: 2024-04-10

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
795	ZnCl ₂ sustains the adriamycin-induced cell death inhibited by high glucose. 2016 , 7, e2280		10
794	Inhibitory effects of lapachol on rat C6 glioma in vitro and in vivo by targeting DNA topoisomerase I and topoisomerase II. 2016 , 35, 178		13
793	Reactivation of mutant p53 by capsaicin, the major constituent of peppers. 2016 , 35, 136		41
792	Application of bee venom and its main constituent melittin for cancer treatment. 2016 , 78, 1113-1130		46
791	Histone deacetylase inhibitors VPA and TSA induce apoptosis and autophagy in pancreatic cancer cells. 2017 , 40, 167-180		51
790	Non-canonical roles of Bcl-2 and Bcl-xL proteins: relevance of BH4 domain. 2017 , 38, 579-587		21
789	Cathepsin L silencing increases AsO toxicity in malignantly transformed pilocytic astrocytoma MPA58 cells by activating caspases 3/7. 2017 , 356, 64-73		4
788	Indole-coumarin-thiadiazole hybrids: An appraisal of their MCF-7 cell growth inhibition, apoptotic, antimetastatic and computational Bcl-2 binding potential. 2017 , 136, 442-451		28
787	Combination therapy with doxorubicin-loaded galactosylated poly(ethyleneglycol)-lithocholic acid to suppress the tumor growth in an orthotopic mouse model of liver cancer. 2017 , 116, 130-144		32
786	Cytotoxicity of temozolomide on human glioblastoma cells is enhanced by the concomitant exposure to an extremely low-frequency electromagnetic field (100Hz, 100G). 2017 , 92, 254-264		24
785	Berberine could inhibit thyroid carcinoma cells by inducing mitochondrial apoptosis, G0/G1 cell cycle arrest and suppressing migration via PI3K-AKT and MAPK signaling pathways. 2017 , 95, 1225-1231		53
784	[Cellular senescence and colorectal cancer]. 2017 , 38, 205-210		3
783	Transcription factor p53 and skin aging. 2017 , 7, 114-119		6
782	Apoptosis in inner ear sensory hair cells. 2017 , 12, 151-164		28
781	Apoptosis in vitro in PC-12 cells induced by an organometallic Ir(III) complex through a ROS-mediated mitochondrial pathway. 2017 , 846, 312-320		4
780	sIL-24 peptide, a human interleukin-24 isoform, induces mitochondrial-mediated apoptosis in human cancer cells. 2017 , 80, 451-459		5
779	Epstein-Barr Virus Latent Membrane Protein 2A (LMP2A) enhances IL-10 production through the activation of Bruton's tyrosine kinase and STAT3. 2017 , 500, 96-102		26

778	Dual Site Phosphorylation of Caspase-7 by PAK2 Blocks Apoptotic Activity by Two Distinct Mechanisms. 2017 , 25, 27-39	26
777	Mechanism of anticancer action of novel berenil complex of platinum(II) combined with anti-MUC1 in MCF-7 breast cancer cells. 2018 , 15, 2340-2348	9
776	The Natural Antiangiogenic Compound AD0157 Induces Caspase-Dependent Apoptosis in Human Myeloid Leukemia Cells. 2017 , 8, 802	5
775	p53-Dependent PUMA to DRAM antagonistic interplay as a key molecular switch in cell-fate decision in normal/high glucose conditions. 2017 , 36, 126	22
774	Decreased expression of the augments of liver regeneration results in growth inhibition and increased chemosensitivity of acute T lymphoblastic leukemia cells. 2017 , 38, 3130-3136	
773	Histone deacetylase inhibitor ITF2357 leads to apoptosis and enhances doxorubicin cytotoxicity in preclinical models of human sarcoma. 2018 , 7, 20	13
772	Glabridin induces apoptosis and cell cycle arrest in oral cancer cells through the JNK1/2 signaling pathway. 2018 , 33, 679-685	16
771	Breast cancer amelioration by Butea monosperma in-vitro and in-vivo. 2018 , 217, 54-62	9
770	. protects against UVB induced apoptosis in human epidermal keratinocytes. 2018 , 13, 109-115	9
769	Melilotus indicus extract induces apoptosis in hepatocellular carcinoma cells via a mechanism involving mitochondria-mediated pathways. 2018 , 70, 831-842	4
768	Diepoxybutane-induced apoptosis is mediated through the ERK1/2 pathway. 2018 , 37, 1080-1091	2
767	Caspase inhibitors: a review of recently patented compounds (2013-2015). 2018 , 28, 47-59	30
766	New ferrocene-based 2-thio-imidazol-4-ones and their copper complexes. Synthesis and cytotoxicity. 2018 , 47, 17357-17366	4
765	TTB2 induces apoptosis in Ewing sarcoma cells. 2018 , 16, 1021-1025	1
764	High PGAM5 expression induces chemoresistance by enhancing Bcl-xL-mediated anti-apoptotic signaling and predicts poor prognosis in hepatocellular carcinoma patients. 2018 , 9, 991	10
763	An Apoptotic and Endosymbiotic Explanation of the Warburg and the Inverse Warburg Hypotheses. 2018 , 19,	4
762	Biomechanics for Pathology and Treatment. 2018 , 101-146	0
761	water extract induces apoptotic cell death via a ROS-dependent pathway. 2018 , 16, 4193-4200	5

760	Zeylenone Induces Mitochondrial Apoptosis and Inhibits Migration and Invasion in Gastric Cancer. 2018 , 23,	6
759	Inhibitor of apoptosis proteins (IAPs) mediate collagen type XI alpha 1-driven cisplatin resistance in ovarian cancer. 2018 , 37, 4809-4820	45
758	In vitro and in vivo anti-cancer activity of silymarin on oral cancer. 2018 , 40, 1010428318776170	18
757	STAT3 and apoptosis challenges in cancer. 2018 , 117, 993-1001	87
756	The trans-[Ru(PPh)(N,N-dimethyl-N'-thiophenylthioureato-kO,S)(bipy)]PF complex has pro-apoptotic effects on triple negative breast cancer cells and presents low toxicity in vivo. 2018 , 186, 70-84	11
755	Active fraction of clove induces apoptosis via PI3K/Akt/mTOR-mediated autophagy in human colorectal cancer HCT-116 cells. 2018 , 53, 1363-1373	16
754	Knockdown of fibrous sheath interacting protein 1 expression reduces bladder urothelial carcinoma cell proliferation and induces apoptosis via inhibition of the PI3K/AKT pathway. 2018 , 11, 1961-1971	7
753	Guidelines for evaluating myocardial cell death. 2019 , 317, H891-H922	63
752	Alleviation of Hepatic Ischemia Reperfusion Injury by Oleanolic Acid Pretreating via Reducing HMGB1 Release and Inhibiting Apoptosis and Autophagy. 2019 , 2019, 3240713	15
751	Hepatocellular Toxicity of Paris Saponins I, II, VI and VII on Two Kinds of Hepatocytes-HL-7702 and HepaRG Cells, and the Underlying Mechanisms. 2019 , 8,	8
750	Inhibition of DNA Repair Mechanisms and Induction of Apoptosis in Triple Negative Breast Cancer Cells Expressing the Human Herpesvirus 6 U94. 2019 , 11,	4
749	Ampelopsin E Reduces the Invasiveness of the Triple Negative Breast Cancer Cell Line, MDA-MB-231. 2019 , 24,	4
748	Active PKG II inhibited the growth and migration of ovarian cancer cells through blocking Raf/MEK and PI3K/Akt signaling pathways. 2019 , 39,	6
747	Costunolide induces mitochondria-mediated apoptosis in human gastric adenocarcinoma BGC-823 cells. 2019 , 19, 151	17
746	Producing the sour cherry pit oil nanoemulsion and evaluation of its anti-cancer effects on both breast cancer murine model and MCF-7 cell line. 2019 , 36, 399-409	11
745	IR-enhanced photothermal therapeutic effect of graphene magnetite nanocomposite on human liver cancer HepG2 cell model. 2019 , 14, 4397-4412	17
744	Cytotoxic effects of a sesquiterpene Elemene on THP-1 leukemia cells is mediated via crosstalk between beclin-1 mediated autophagy and caspase-dependent apoptosis. 2019 , 87, 174-178	5
743	Synthesis and potent cytotoxic activity of a novel diosgenin derivative and its phytosomes against lung cancer cells. 2019 , 10, 1933-1942	16

742	Bis(4-hydroxy-2H-chromen-2-one) Coumarin Induces Apoptosis in MCF-7 Human Breast Cancer Cells Through Aromatase Inhibition. 2019 , 39, 6107-6114	7
741	Molecular Mechanisms Underlying Autophagy-Mediated Treatment Resistance in Cancer. 2019 , 11,	41
740	The circular RNA hsa-circ-0072309 plays anti-tumour roles by sponging miR-100 through the deactivation of PI3K/AKT and mTOR pathways in the renal carcinoma cell lines. 2019 , 47, 3638-3648	30
739	Newly isolated marine bacterial exopolysaccharides enhance antitumor activity in HepG2 cells via affecting key apoptotic factors and activating toll like receptors. 2019 , 46, 6231-6241	9
738	Prediction of risk scores for colorectal cancer patients from the concentration of proteins involved in mitochondrial apoptotic pathway. 2019 , 14, e0217527	11
737	Diallyl trisulfide induces G2/M cell-cycle arrest and apoptosis in anaplastic thyroid carcinoma 8505C cells. 2019 , 10, 7253-7261	9
736	The antiproliferative effect of spectinabilins from <i>Streptomyces spectabilis</i> on hepatocellular carcinoma cells in vitro and in vivo. 2019 , 93, 103311	1
735	Synthesis and Cytotoxic Evaluation of 3-Methylidenechroman-4-ones. 2019 , 24,	0
734	Apoptotic effect of green synthesized gold nanoparticles from extract against human renal cell carcinoma A498 cells. 2019 , 14, 4091-4103	41
733	Green synthesized-zinc oxide nanoparticles, the strong apoptosis inducer as an exclusive antitumor agent in murine breast tumor model and human breast cancer cell lines (MCF7). 2019 , 120, 17984-17993	22
732	Dual effects of gossypol on human hepatocellular carcinoma via endoplasmic reticulum stress and autophagy. 2019 , 113, 48-57	4
731	Gamma-Irradiated Chrysin Improves Anticancer Activity in HT-29 Colon Cancer Cells Through Mitochondria-Related Pathway. 2019 , 22, 713-721	11
730	RAD18 may function as a predictor of response to preoperative concurrent chemoradiotherapy in patients with locally advanced rectal cancer through caspase-9-caspase-3-dependent apoptotic pathway. 2019 , 8, 3094-3104	8
729	The Cytotoxic Effects of Thymol as the Major Component of <i>Trachyspermum ammi</i> on Breast Cancer (MCF-7) Cells. 2019 , 53, 101-107	15
728	Paris saponin VII extracted from <i>Trillium tschonoskii</i> suppresses proliferation and induces apoptosis of human colorectal cancer cells. 2019 , 239, 111903	12
727	Recent advances in the development of legumain-selective chemical probes and peptide prodrugs. 2019 , 400, 1529-1550	12
726	Novel multitarget inhibitors with antiangiogenic and immunomodulator properties. 2019 , 170, 87-98	4
725	Protein Hydrolysates from Fenugreek () as Nutraceutical Molecules in Colon Cancer Treatment. 2019 , 11,	13

724	Synthesis and characterization of gold nanoparticles from aqueous leaf extract of <i>Alternanthera sessilis</i> and its anticancer activity on cervical cancer cells (HeLa). 2019 , 47, 1173-1180	28
723	Synthesis and characterization of oxygen depleted tert-amine calix[4]arene ligands and study the effect on sigma non-opioid intracellular protein receptor. 2019 , 30, 1899-1910	0
722	Synthesis and evaluation of novel naphthol diazenyl scaffold based Schiff bases as potential antimicrobial and cytotoxic agents against human colorectal carcinoma cell line (HT-29). 2019 , 13, 49	5
721	Molecular Mechanism of Matrine from in the Reversing Effect of Multi-Anticancer Drug Resistance in K562/ADR Cells. 2019 , 2019, 1269532	9
720	Apoptotic activity of alpha-mangostin in acetaldehyde- induced LX2 hepatic stellate cell lines. 2019 ,	
719	Kallistatin inhibits tumour progression and platinum resistance in high-grade serous ovarian cancer. 2019 , 12, 125	5
718	Novel Platinum(II) Complexes Selectively Induced Apoptosis and Cell Cycle Arrest of Breast Cancer Cells In Vitro. 2019 , 4, 12971-12977	1
717	Cell migration and apoptosis in human lung cancer cells by Clove (<i>Syzygium aromaticum</i>) dried flower buds extract. 2019 , 13, 1163-1174	5
716	Benzyl Isothiocyanate Induces Apoptosis via Reactive Oxygen Species-Initiated Mitochondrial Dysfunction and DR4 and DR5 Death Receptor Activation in Gastric Adenocarcinoma Cells. 2019 , 9,	13
715	MICONIDINE acetate, a new selective and cytotoxic compound with synergic potential, induces cell cycle arrest and apoptosis in leukemia cells. 2019 , 37, 912-922	3
714	Tri-arginine exosite patch of caspase-6 recruits substrates for hydrolysis. 2019 , 294, 71-88	17
713	Synthesis and anticancer activity of chalcone analogues with sulfonyl groups. 2019 , 28, 279-291	4
712	Identification of repurposed protein kinase B binders from FDA-approved drug library: a hybrid-structure activity relationship and systems modeling based approach. 2020 , 38, 660-672	
711	A phase I study of AT-101, a BH3 mimetic, in combination with paclitaxel and carboplatin in solid tumors. 2020 , 38, 855-865	8
710	Recent insights into apoptosis and toxic autophagy: The roles of MDA-7/IL-24, a multidimensional anti-cancer therapeutic. 2020 , 66, 140-154	14
709	The circular RNA-NRIP1 plays oncogenic roles by targeting microRNA-505 in the renal carcinoma cell lines. 2020 , 121, 2236-2246	18
708	Dulcitol suppresses proliferation and migration of hepatocellular carcinoma via regulating SIRT1/p53 pathway. 2020 , 66, 153112	14
707	Advance on toxicity of metal nickel nanoparticles. 2020 , 42, 2277-2286	18

706	Impact of the histone deacetylase inhibitor trichostatin A on active uptake, volume-sensitive release of taurine, and cell fate in human ovarian cancer cells. 2020 , 318, C581-C597	2
705	Mechanistic investigations on substituted benzene sulphonamides as apoptosis inducing anticancer agents. 2020 , 95, 103539	5
704	Proscillaridin A induces apoptosis and inhibits the metastasis of osteosarcoma in vitro and in vivo. 2020 , 521, 880-886	6
703	Effect of cholestasis and NeuroAid treatment on the expression of Bax, Bcl-2, Pgc-1 β and Tfam genes involved in apoptosis and mitochondrial biogenesis in the striatum of male rats. 2020 , 35, 183-192	12
702	Design and synthesis of novel tranilast analogs: Docking, antiproliferative evaluation and in-silico screening of TGF β 1 inhibitors. 2020 , 105, 104368	3
701	The interaction mechanism between autophagy and apoptosis in colon cancer. 2020 , 13, 100871	32
700	Chemopreventive Potential of Caryophyllane Sesquiterpenes: An Overview of Preliminary Evidence. 2020 , 12,	19
699	Morusin induces apoptosis and autophagy via JNK, ERK and PI3K/Akt signaling in human lung carcinoma cells. 2020 , 331, 109279	5
698	Alantolactone inhibits proliferation, metastasis and promotes apoptosis of human osteosarcoma cells by suppressing Wnt/ β -catenin and MAPKs signaling pathways.. 2022 , 9, 466-478	4
697	The emerging role of super enhancer-derived noncoding RNAs in human cancer. 2020 , 10, 11049-11062	25
696	The structure - Activity correlation in the family of dicationic imidazolium surfactants: Antimicrobial properties and cytotoxic effect. 2020 , 1864, 129728	15
695	Cyclosporin A protects JEG-3 cells against oxidative stress-induced apoptosis by inhibiting the p53 and JNK/p38 signaling pathways. 2020 , 18, 100	4
694	Melatonin and Autophagy in Aging-Related Neurodegenerative Diseases. 2020 , 21,	32
693	Lagerstroemia speciosa (L.) Pers. triggers oxidative stress mediated apoptosis via intrinsic mitochondrial pathway in HepG2 cells. 2020 , 35, 1225-1233	11
692	Effect of Ag-1031 on apoptosis in gastric cancer AGS cells and its effects on the PI3K/AKT/mTOR signaling pathway. 2020 , 42, 2447-2452	3
691	Phytochemical-Based Nanomedicine for Advanced Cancer Theranostics: Perspectives on Clinical Trials to Clinical Use. 2020 , 15, 9125-9157	13
690	Dietary probiotic and metabolites improve intestinal homeostasis and prevent colorectal cancer. 2020 , 11, 10724-10735	9
689	The Flavonol Isoquercitrin Promotes Mitochondrial-Dependent Apoptosis in SK-Mel-2 Melanoma Cell via the PI3K/AKT/mTOR Pathway. 2020 , 12,	8

688	L. Plant Extracts and Dose-Dependent Activity of Natural Sesquiterpene Ferutinin: From Antioxidant Potential to Cytotoxic Effects. 2020 , 25,	8
687	Synthesis and Characterization of Green Zinc Oxide Nanoparticles with Antiproliferative Effects through Apoptosis Induction and MicroRNA Modulation in Breast Cancer Cells. 2020 , 2020, 8817110	14
686	The impact of curcumin-graphene based nanoformulation on cellular interaction and redox-activated apoptosis: An colon cancer study. 2020 , 6, e05360	5
685	The Underlying Mechanisms of Chinese Herbal Medicine-Induced Apoptotic Cell Death in Human Cancer. 2020 ,	
684	Systematic Analysis of Autophagy-Related Signature Uncovers Prognostic Predictor for Acute Myeloid Leukemia. 2020 , 39, 1595-1605	10
683	Anticancer Attributes of Cantharidin: Involved Molecular Mechanisms and Pathways. 2020 , 25,	11
682	miR-4634 augments the anti-tumor effects of RAD001 and associates well with clinical prognosis of non-small cell lung cancer. 2020 , 10, 13079	3
681	Novel anticancer Hsp90 inhibitor disubstituted pyrazolyl 2-aminopyrimidine compound 7t induces cell cycle arrest and apoptosis via mitochondrial pathway in MCF-7 cells. 2020 , 30, 127470	3
680	Evaluation of cytotoxic, apoptotic effects and phenolic compounds of sea cucumber <i>Holothuria tubulosa</i> (Gmelin, 1791) extracts. 2020 , 44, 641-655	3
679	Reactive Oxygen Species-Mediated Mitochondrial Dysfunction Triggers Sodium Valproate-Induced Cytotoxicity in Human Colorectal Adenocarcinoma Cells. 2021 , 52, 899-906	6
678	The Natural Product Fucoidan Inhibits Proliferation and Induces Apoptosis of Human Ovarian Cancer Cells: Focus on the PI3K/Akt Signaling Pathway. 2020 , 12, 6195-6207	9
677	The Effects of Newly Synthesized Platinum(IV) Complexes on Cytotoxicity and Radiosensitization of Human Tumour Cells. 2020 , 40, 5001-5013	1
676	Design, synthesis and biological evaluation of novel 1,5-disubstituted isatin derivatives as antitumor agents. 2020 , 29, 2170-2180	0
675	The Apoptotic, Cytotoxic, and Antiangiogenic Impact of Seed Essential Oil Nanoemulsions on the Human Ovarian Cancer Cell Line A2780. 2020 , 1-9	6
674	Peptides in Colorectal Cancer: Current State of Knowledge. 2020 , 75, 467-476	7
673	Deoxypodophyllotoxin, a Lignan from , Induces Apoptosis and Cell Cycle Arrest by Inhibiting the EGFR Signaling Pathways in Esophageal Squamous Cell Carcinoma Cells. 2020 , 21,	3
672	The functional role of long non-coding RNAs and their underlying mechanisms in drug resistance of non-small cell lung cancer. 2020 , 261, 118362	11
671	RGS12 is required for the maintenance of mitochondrial function during skeletal development. 2020 , 6, 59	9

670	The effects of baicalin on piglets challenged with <i>Glaesserella parasuis</i> . 2020 , 51, 102	3
669	Carotenoids in Cancer Apoptosis-The Road and Back. 2020 , 12,	28
668	Quercetin and cervical cancer: a view of great scope. 2020 , 29, 1923-1934	1
667	The function and mechanism of ferroptosis in cancer. 2020 , 25, 786-798	38
666	<i>Stenotrophomonas maltophilia</i> outer membrane protein A induces epithelial cell apoptosis via mitochondrial pathways. 2020 , 58, 868-877	1
665	The Beneficial Effects of Morusin, an Isoprene Flavonoid Isolated from the Root Bark of. 2020 , 21,	2
664	Cutting down on lung cancer: Ecliptasaponin A is a novel therapeutic agent. 2020 , 8, 843	
663	Silver(I) complexes of 3-methoxy-4-hydroxybenzaldehyde thiosemicarbazones and triphenylphosphine: structural, cytotoxicity, and apoptotic studies. 2020 , 49, 16474-16487	6
662	Anti-Proliferative and Pro-Apoptotic Effects of (L'Her.) Methanolic Extract in Human Triple-Negative MDA-MB-231 Breast Cancer Cells. 2020 , 25, 2515690X20978391	5
661	A Broad Response to Intracellular Long-Chain Polyphosphate in Human Cells. 2020 , 33, 108318	9
660	PLGA-Based Nano-Encapsulation of Seed Essential Oil (TSEO-PNP) as a Safe, Natural, Efficient, Anticancer Compound in Human HT-29 Colon Cancer Cell Line. 2020 , 1-13	5
659	Induces Apoptosis in HL-60 Cells Through ROS-Mediated Mitochondrial Pathway. 2020 , 1-12	1
658	Effect of Harvest Age on Total Phenolic, Total Anthocyanin Content, Bioactive Antioxidant Capacity and Antiproliferation of Black and White Glutinous Rice Sprouts. 2020 , 10, 7051	1
657	LncRNAs Stand as Potent Biomarkers and Therapeutic Targets for Stroke. 2020 , 12, 594571	10
656	On the evolution of cellular senescence. 2020 , 19, e13270	15
655	Partitioned Extracts of Induce G/G Phase Arrest and Apoptosis in Human Colon Cancer Cells. 2020 , 48, 719-736	2
654	Putting the Brakes on Tumorigenesis with Natural Products of Plant Origin: Insights into the Molecular Mechanisms of Actions and Immune Targets for Bladder Cancer Treatment. 2020 , 9,	6
653	Chemical characterization, computational analysis and biological views on <i>Daphne gnidioides</i> Jaub. & Spach extracts: Can a new raw material be provided for biopharmaceutical applications?. 2020 , 87, 107273	4

- 652 Upregulation of follistatin and low apoptotic activity in intraductal oncocytic papillary neoplasm of the pancreatobiliary system. **2020**, 10, 8179 1
- 651 Antiviral Activity of Chitosan Nanoparticles Encapsulating Curcumin Against Hepatitis C Virus Genotype 4a in Human Hepatoma Cell Lines. **2020**, 15, 2699-2715 58
- 650 Synthesis and Biological Evaluation of 2-Substituted Benzyl-/Phenylethylamino-4-amino-5-arylthiazoles as Apoptosis-Inducing Anticancer Agents. **2020**, 25, 25, 2
- 649 Recent insights into eukaryotic translation initiation factors 5A1 and 5A2 and their roles in human health and disease. **2020**, 20, 142 9
- 648 Artemisiae Iwayomogii Herba Inhibits Growth, Motility, and the PI3K/AKT/mTOR Signaling Pathway in Hepatocellular Carcinoma Cells. **2020**, 86, 717-727 3
- 647 A steroidal saponin isolated from *Allium chinense* simultaneously induces apoptosis and autophagy by modulating the PI3K/Akt/mTOR signaling pathway in human gastric adenocarcinoma. **2020**, 161, 108672 8
- 646 essential oil nanoemulsion (CLEO-NE), a safe cell-dependent apoptosis inducer in human A549 lung cancer cells with anti-angiogenic activity. **2020**, 37, 394-402 12
- 645 Spermidine as a target for cancer therapy. **2020**, 159, 104943 9
- 644 Circ-APBB1P as a Prognostic Biomarker Promotes Clear Cell Renal Cell Carcinoma Progression Through The ERK1/2 Signaling Pathway. **2020**, 17, 1177-1186 6
- 643 The expression profiles of apoptosis-related genes induced usnic acid in SK-BR-3 breast cancer cell. **2020**, 39, 1497-1506 1
- 642 Interleukins in Thyroid Cancer: From Basic Researches to Applications in Clinical Practice. **2020**, 11, 1124 8
- 641 Diarylidene cyclopentanone derivatives as potent anti-inflammatory and anticancer agents. **2020**, 29, 1579-1589 2
- 640 Granular necrosis: a distinctive form of cell death in malignant tumours. **2020**, 52, 507-514 7
- 639 A pectin-like polysaccharide from *Polygala tenuifolia* inhibits pancreatic cancer cell growth in vitro and in vivo by inducing apoptosis and suppressing autophagy. **2020**, 162, 107-115 6
- 638 Citrus aurantium L. bloom essential oil nanoemulsion: Synthesis, characterization, cytotoxicity, and its potential health impacts on mice. **2020**, 44, e13181 9
- 637 Sanguinarine Induces Apoptosis in Papillary Thyroid Cancer Cells via Generation of Reactive Oxygen Species. **2020**, 25, 7
- 636 Involvement of Metabolic Lipid Mediators in the Regulation of Apoptosis. **2020**, 10, 17
- 635 Induction of apoptosis through extrinsic/intrinsic pathways and suppression of ERK/NF- κ B signalling participate in anti-glioblastoma of imipramine. **2020**, 24, 3982-4000 14

634	A novel phosphoramidate compound, DCZ0847, displays in vitro and in vivo anti-myeloma activity, alone or in combination with bortezomib. 2020 , 478, 45-55	4
633	Punicalagin promotes the apoptosis in human cervical cancer (ME-180) cells through mitochondrial pathway and by inhibiting the NF- κ B signaling pathway. 2020 , 27, 1100-1106	11
632	Parecoxib exhibits anti-inflammatory and neuroprotective effects in a rat model of transient global cerebral ischemia. 2020 , 83, 203-214	3
631	Functionalized graphene oxide against U251 glioma cells and its molecular mechanism. 2020 , 116, 111187	13
630	Evaluation of the Anticancer Activities of Novel Transition Metal Complexes with Berenil and Nitroimidazole. 2020 , 25,	4
629	Cytotoxic potential of Artemisia absinthium extract loaded polymeric nanoparticles against breast cancer cells: Insight into the protein targets. 2020 , 586, 119583	8
628	Syringic acid modulates molecular marker-involved cell proliferation, survival, apoptosis, inflammation, and angiogenesis in DMBA-induced oral squamous cell carcinoma in Syrian hamsters. 2020 , 34, e22574	4
627	Growth factor receptor bound protein-7 regulates proliferation, cell cycle, and mitochondrial apoptosis of thyroid cancer cells via MAPK/ERK signaling. 2020 , 472, 209-218	1
626	Inhibiting the inhibitors: Targeting anti-apoptotic proteins in cancer and therapy resistance. 2020 , 52, 100712	36
625	Non-Coding RNAs in Cancer Radiosensitivity: MicroRNAs and lncRNAs as Regulators of Radiation-Induced Signaling Pathways. 2020 , 12,	21
624	Nuclear factor erythroid 2 (NF-E2) p45-related factor 2 interferes with homeodomain-interacting protein kinase 2/p53 activity to impair solid tumors chemosensitivity. 2020 , 72, 1634-1639	4
623	Glycolysis is suppressed by DCZ0801-induced inactivation of the Akt/mTOR pathway in Multiple Myeloma. 2020 , 11, 4907-4916	3
622	Design, Synthesis, Molecular Docking, and Biological Evaluation of New Emodin Anthraquinone Derivatives as Potential Antitumor Substances. 2020 , 17, e2000328	2
621	Antiproliferative effect of Moringa oleifera methanolic leaf extract by down-regulation of Notch signaling in DU145 prostate cancer cells. 2020 , 19, 100619	9
620	The antioxidant and anticancer potential of Ricinus communis L. essential oil nanoemulsions. 2020 , 14, 1356-1365	11
619	P-Coumaric Acid Mitigates Doxorubicin-Induced Nephrotoxicity Through Suppression of Oxidative Stress, Inflammation and Apoptosis. 2020 , 51, 32-40	17
618	Oleandrin induces apoptosis via activating endoplasmic reticulum stress in breast cancer cells. 2020 , 124, 109852	10
617	Phosphoribosyl pyrophosphate synthetases 2 knockdown inhibits prostate cancer progression by suppressing cell cycle and inducing cell apoptosis. 2020 , 11, 1027-1037	4

616	assessment of the bioactivities of sericin protein extracted from a bacterial silk-like biopolymer.. 2020 , 10, 5098-5107	13
615	On the role of sphingolipids in cell survival and death. 2020 , 351, 149-195	18
614	Novel fusion protein NGR-sIL-24 for targetedly suppressing cancer cell growth via apoptosis. 2020 , 36, 179-193	6
613	Reactive oxygen species generation and mitochondrial dysfunction for the initiation of apoptotic cell death in human hepatocellular carcinoma HepG2 cells by a cyclic dipeptide Cyclo(-Pro-Tyr). 2020 , 47, 3347-3359	5
612	Metformin enhances the sensitivity of colorectal cancer cells to cisplatin through ROS-mediated PI3K/Akt signaling pathway. 2020 , 745, 144623	19
611	A multifunctional magnetic nanosystem based on "two strikes" effect for synergistic anticancer therapy in triple-negative breast cancer. 2020 , 322, 401-415	14
610	Cardamonin: A new player to fight cancer via multiple cancer signaling pathways. 2020 , 250, 117591	25
609	Role of Exosomes in Cancer-Related Cognitive Impairment. 2020 , 21,	9
608	The Synergistic Antitumor Effect of 5-Fluorouracil Combined with Allicin against Lung and Colorectal Carcinoma Cells. 2020 , 25,	15
607	Necroptosis in Cholangiocarcinoma. 2020 , 9,	4
606	Brevilin A induces ROS-dependent apoptosis and suppresses STAT3 activation by direct binding in human lung cancer cells. 2020 , 11, 3725-3735	14
605	Synthesis of novel spirobibenzopyrans as potent anticancer leads inducing apoptosis in HeLa cells. 2020 , 30, 127199	3
604	The Role of Exosomal microRNA in Cancer Drug Resistance. 2020 , 10, 472	16
603	Rhodium Nanoparticles as a Novel Photosensitizing Agent in Photodynamic Therapy against Cancer. 2020 , 26, 7685-7691	9
602	Polo-like kinase 1 as a promising diagnostic biomarker and potential therapeutic target for hepatocellular carcinoma. 2020 , 42, 1010428320914475	2
601	Novel Anthraquinone Compounds Inhibit Colon Cancer Cell Proliferation via the Reactive Oxygen Species/JNK Pathway. 2020 , 25,	9
600	Na-MRI as a Noninvasive Biomarker for Cancer Diagnosis and Prognosis. 2021 , 53, 995-1014	5
599	Penfluridol triggers mitochondrial-mediated apoptosis and suppresses glycolysis in colorectal cancer cells through down-regulating hexokinase-2. 2021 , 304, 520-530	4

598	Acetyl-11-keto- β -boswellic acid enhances the cisplatin sensitivity of non-small cell lung cancer cells through cell cycle arrest, apoptosis induction, and autophagy suppression via p21-dependent signaling pathway. 2021 , 37, 209-228	10
597	The Essential Oil Nanoemulsion as an Efficient Safe Apoptosis Inducer in Human Lung Cancer Cells (A549). 2021 , 73, 1059-1067	8
596	Mechanisms of enzalutamide resistance in castration-resistant prostate cancer and therapeutic strategies to overcome it. 2021 , 178, 239-261	10
595	Induction of cell cycle arrest and apoptosis by tomentosin in hepatocellular carcinoma HepG2 and Huh7 cells. 2021 , 40, 231-244	4
594	Anti-esophageal Cancer Effect of Corilagin Extracted from <i>Phyllanthus fructus</i> via the Mitochondrial and Endoplasmic Reticulum Stress Pathways. 2021 , 269, 113700	5
593	Natural compound catechol induces DNA damage, apoptosis, and G1 cell cycle arrest in breast cancer cells. 2021 , 35, 2185-2199	4
592	Myricetin: A review of the most recent research. 2021 , 134, 111017	44
591	Inhibition of ROS/NLRP3/Caspase-1 mediated pyroptosis attenuates cadmium-induced apoptosis in duck renal tubular epithelial cells. 2020 , 273, 115919	12
590	Interplay between orphan nuclear receptors and androgen receptor-dependent or-independent growth signalings in prostate cancer. 2021 , 78, 100921	3
589	Implications of nanotechnology for the treatment of cancer: Recent advances. 2021 , 69, 190-199	13
588	Cell signaling and apoptosis in animals. 2021 , 199-218	
587	Strategies to Suppress Tumor Angiogenesis and Metastasis, Overcome Multi-Drug Resistance in Cancer, Target Telomerase and Apoptosis Pathways. 2021 , 312-338	
586	Inhibitory Effect of Gallotannin on Lung Metastasis of Metastatic Colorectal Cancer Cells by Inducing Apoptosis, Cell Cycle Arrest and Autophagy. 2021 , 49, 1535-1555	2
585	Deciphering the molecular pathways of apoptosis using purified fractions from leaf extract of <i>Basella alba</i> through studying the regulation of apoptosis related genes. 2021 , 48, 85-96	
584	Unfermented Freeze-Dried Leaf Extract of (Jack.) Induced Cytotoxicity and Apoptosis in MDA-MB-231 and MCF-7 Breast Cancer Cell Lines. 2021 , 2021, 8811236	0
583	ApoM is an important potential protective factor in the pathogenesis of primary liver cancer. 2021 , 12, 4661-4671	2
582	Alternative approaches to overcome chemoresistance to apoptosis in cancer. 2021 , 126, 91-122	1
581	Circular RNA circFOXM1 triggers the tumorigenesis of non-small cell lung cancer through miR-132-3p/TMEM14A axis. 2021 , 45, 901-910	1

580	Gracillin Isolated from Induces Apoptosis of A549 Cells via the Mitochondrial Pathway. 2021 , 15, 233-243	4
579	Intrinsic and extrinsic pathways of apoptosis: Role in cancer development and prognosis. 2021 , 125, 73-120	7
578	Cellular delivery of dinucleotides by conjugation with small molecules: targeting translation initiation for anticancer applications. 2021 , 12, 10242-10251	2
577	Drug resistance-free cytotoxic nanodrugs in composites for cancer therapy. 2021 , 9, 3143-3152	3
576	Ferumoxylol- β -glucan Inhibits Melanoma Growth via Interacting with Dectin-1 to Polarize Macrophages into M1 Phenotype. 2021 , 18, 3125-3139	3
575	A doxorubicin-platinum conjugate system: impacts on PI3K/AKT actuation and apoptosis in breast cancer cells.. 2021 , 11, 4818-4828	1
574	The Crosstalk Between Long Non-Coding RNAs and Various Types of Death in Cancer Cells. 2021 , 20, 15330338211033044	2
573	Up-regulation of KLF17 expression increases the sensitivity of gastric cancer to 5-fluorouracil. 2021 , 35, 20587384211010925	1
572	Inhibition of the Ras/ERK1/2 pathway contributes to the protective effect of ginsenoside Re against intimal hyperplasia. 2021 , 12, 6755-6765	1
571	Nicotine and menthol independently exert neuroprotective effects against cisplatin- or amyloid-toxicity by upregulating Bcl-xl via JNK activation in SH-SY5Y cells. 2021 , 45, 1059-1067	4
570	Cardamonin inhibits the progression of oesophageal cancer by inhibiting the PI3K/AKT signalling pathway. 2021 , 12, 3597-3610	2
569	Functional Nucleic-Acid-Decorated Spherical Nanoparticles: Preparation Strategies and Current Applications in Cancer Therapy. 2021 , 1, 2000056	8
568	Anticancer Molecular Mechanism of Protocatechuic Acid Loaded on Folate Coated Functionalized Graphene Oxide Nanocomposite Delivery System in Human Hepatocellular Carcinoma. 2021 , 14,	3
567	Mechanisms of Oxidative Stress and Therapeutic Targets following Intracerebral Hemorrhage. 2021 , 2021, 8815441	13
566	Identifying Apoptosis-Related Transcriptomic Aberrations and Revealing Clinical Relevance as Diagnostic and Prognostic Biomarker in Hepatocellular Carcinoma. 2020 , 10, 519180	5
565	DriverSubNet: A Novel Algorithm for Identifying Cancer Driver Genes by Subnetwork Enrichment Analysis. 2020 , 11, 607798	0
564	Emerging roles of circular RNAs in non-small cell lung cancer (Review). 2021 , 45,	1
563	Phenolic compounds in Lycium berry: Composition, health benefits and industrial applications. 2021 , 77, 104340	25

562	A combinational chemo-immune therapy using an enzyme-sensitive nanoplatfrom for dual-drug delivery to specific sites by cascade targeting. 2021 , 7,	23
561	Suppression of steroid 5 β -reductase type I promotes cellular apoptosis and autophagy via PI3K/Akt/mTOR pathway in multiple myeloma. 2021 , 12, 206	5
560	Guanosine monophosphate synthase upregulation mediates cervical cancer progression by inhibiting the apoptosis of cervical cancer cells via the Stat3/P53 pathway. 2021 , 58,	1
559	s Gene Expansion in the Scallop and Their Expression Profiles After Exposure to the Toxic Dinoflagellate. 2021 , 12, 633301	2
558	Resveratrol Mediates the Apoptosis of Triple Negative Breast Cancer Cells by Reducing POLD1 Expression. 2021 , 11, 569295	7
557	Lactonic sophorolipid-induced apoptosis in human HepG2 cells through the Caspase-3 pathway. 2021 , 105, 2033-2042	2
556	Curcumin anti-tumor effects on endometrial cancer with focus on its molecular targets. 2021 , 21, 120	12
555	New Anticancer Agents: Design, Synthesis, Biological Activity, and Molecular Docking of Bicyclic Phloroglucinol Derivatives. 2021 , 6, 1453-1457	1
554	Isoflurane post-conditioning contributes to anti-apoptotic effect after cerebral ischaemia in rats through the ERK5/MEF2D signaling pathway. 2021 , 25, 3803-3815	2
553	Combination of Platycodin D with docetaxel synergistically suppressed cell growth in DU-145 by enhancing apoptosis and alleviating autophagy. 2021 , 42, 101302	0
552	Effect of Piperine in Combination with Gamma Radiation on A549 Cells. 2021 , 11, 080-086	
551	Zirconia Nanoparticles Induce HeLa Cell Death Through Mitochondrial Apoptosis and Autophagy Pathways Mediated by ROS. 2021 , 9, 522708	2
550	Increased longevity due to sexual activity in mole-rats is associated with transcriptional changes in the HPA stress axis. 2021 , 10,	7
549	ELF1 Transcription Factor Enhances the Progression of Glioma via ATF5 promoter. 2021 , 12, 1252-1261	4
548	Altered apoptotic protein expressions characterize the survival of Bcr-Abl-independent drug-resistant chronic myeloid leukemia cell line. 2021 , 5, 1-5	
547	Inhibition of Mitochondrial ATP Synthesis and Regulation of Oxidative Stress Based on {SbW O } Determined by Single-Cell Proteomics Analysis. 2021 , 60, 8344-8351	6
546	In Vitro Cytotoxic Evaluation and Apoptotic Effects of Datura innoxia Grown in Saudi Arabia and Phytochemical Analysis. 2021 , 11, 2864	4
545	Origanum vulgare extract induces apoptosis in Molt-4 leukemic cell line. 2021 , 6, 105-112	

544	Role of mitophagy in mitochondrial quality control: Mechanisms and potential implications for neurodegenerative diseases. 2021 , 165, 105433	6
543	Inhibition of Mitochondrial ATP Synthesis and Regulation of Oxidative Stress Based on {SbW8O30} Determined by Single-Cell Proteomics Analysis. 2021 , 133, 8425-8432	2
542	Apoptotic activities of brusatol in human non-small cell lung cancer cells: Involvement of ROS-mediated mitochondrial-dependent pathway and inhibition of Nrf2-mediated antioxidant response. 2021 , 451, 152680	7
541	An Apoptotic Gene Signature for the Prognosis of Hepatocellular Carcinoma. 2021 , 14, 1589-1604	0
540	Ameliorative impacts of Allium cepa Linnaeus aqueous extract against testicular damage induced by dexamethasone. 2021 , 53, e13955	2
539	Elucidating the role of GRIM-19 as a substrate and allosteric activator of pro-apoptotic serine protease HtrA2. 2021 , 478, 1241-1259	2
538	Perspective of Molecular Hydrogen in the Treatment of Sepsis. 2021 , 27, 667-678	5
537	Cucurbitacin IIa: A review of phytochemistry and pharmacology. 2021 , 35, 4155-4170	2
536	Cediranib Induces Apoptosis, G1 Phase Cell Cycle Arrest, and Autophagy in Non-Small-Cell Lung Cancer Cell A549 In Vitro. 2021 , 2021, 5582648	3
535	Hydroxyl safflower yellow B combined with doxorubicin inhibits the proliferation of human breast cancer MCF-7 cells. 2021 , 21, 426	3
534	Pinus morrisonicola needles essential oil nanoemulsions as a novel strong antioxidant and anticancer agent. 1-9	3
533	Single-cell transcriptomics reveal the intratumoral landscape of infiltrated T-cell subpopulations in oral squamous cell carcinoma. 2021 , 15, 866-886	6
532	hucMSCs transplantation promotes locomotor function recovery, reduces apoptosis and inhibits demyelination after SCI in rats. 2021 , 86, 102125	1
531	Serum deprivation-response protein induces apoptosis in hepatocellular carcinoma through ASK1-JNK/p38 MAPK pathways. 2021 , 12, 425	3
530	The FBXW7-NOTCH interactome: A ubiquitin proteasomal system-induced crosstalk modulating oncogenic transformation in human tissues. 2021 , 4, e1369	5
529	Mechanisms of Apoptosis-Related Long Non-coding RNAs in Ovarian Cancer. 2021 , 9, 641963	1
528	In vitro validation of the amoebicidal activity of commercial eye drops as second activity. 2021 , 15, 144-151	0
527	Coibamide A kills cancer cells through inhibiting autophagy. 2021 , 547, 52-58	5

526	Expression of Sperm-Specific Glyceraldehyde-3-Phosphate Dehydrogenase in Melanoma Cells Changes Their Energy Metabolism. 2021 , 15, 105-110		
525	Recombinant protein TRAIL-Mu3 enhances the antitumor effects in pancreatic cancer cells by strengthening the apoptotic signaling pathway. 2021 , 21, 438		1
524	PINK1/Parkin-mediated mitophagy inhibits warangalone-induced mitochondrial apoptosis in breast cancer cells. <i>Aging</i> , 2021 , 13, 12955-12972	5.6	3
523	Cell death as part of innate immunity: Cause or consequence?. 2021 , 163, 399-415		4
522	ROS-Mediated Anti-Tumor Effect of Coptidis Rhizoma against Human Hepatocellular Carcinoma Hep3B Cells and Xenografts. 2021 , 22,		3
521	Evaluation of the Potential Diagnostic Utility of the Determination of Selected Caspases-Markers Involved in the Regulation of Apoptosis-In Patients with Ovarian Cancer. 2021 , 11,		
520	A Disintegrin and Metalloprotease 12 Promotes Tumor Progression by Inhibiting Apoptosis in Human Colorectal Cancer. 2021 , 13,		2
519	Virtual screening of the multi-gene regulatory molecular mechanism of Si-Wu-tang against non-triple-negative breast cancer based on network pharmacology combined with experimental validation. 2021 , 269, 113696		3
518	Purpurin, a anthraquinone induces ROS-mediated A549 lung cancer cell apoptosis via inhibition of PI3K/AKT and proliferation. 2021 , 73, 1101-1108		2
517	Anticancer and immunomodulatory effect of rhaponticin on Benzo(a)Pyrene-induced lung carcinogenesis and induction of apoptosis in A549 cells. 2021 , 28, 4522-4531		1
516	MicroRNA-27a promotes tumorigenesis in tongue squamous cell carcinoma by enhancing proliferation, migration and suppressing apoptosis. 2021 , 278, 4557-4567		1
515	Mitochondrial Bioenergetics and Turnover during Chronic Muscle Disuse. 2021 , 22,		7
514	Total saponins from Rhizoma Panacis Majoris inhibit proliferation, induce cell cycle arrest and apoptosis and influence MAPK signalling pathways on the colorectal cancer cell. 2021 , 24,		3
513	Diagnostic and therapeutic potencies of miR-18a-5p in mixed-type gastric adenocarcinoma. 2021 , 122, 1062		2
512	Molecular Mechanisms of Antiproliferative Effects of Natural Chalcones. 2021 , 13,		10
511	Cox4i2 Triggers an Increase in Reactive Oxygen Species, Leading to Ferroptosis and Apoptosis in HHV7 Infected Schwann Cells. 2021 , 8, 660072		1
510	Anticancer effects of bifidobacteria on colon cancer cell lines. 2021 , 21, 258		5
509	Hypoxia Induced by Cobalt Chloride Triggers Autophagic Apoptosis of Human and Mouse Drug-Resistant Glioblastoma Cells through Targeting the PI3K-AKT-mTOR Signaling Pathway. 2021 , 2021, 5558618		1

508	Synergistic Interaction between 5-FU and an Analog of Sulforaphane-2-Oxoethyl Isothiocyanate-In an In Vitro Colon Cancer Model. 2021 , 26,	1
507	Altered Genes and Biological Functions in Response to Severe Burns. 2021 , 2021, 8836243	0
506	Iridin Induces G2/M Phase Cell Cycle Arrest and Extrinsic Apoptotic Cell Death through PI3K/AKT Signaling Pathway in AGS Gastric Cancer Cells. 2021 , 26,	2
505	PHF20 inhibition promotes apoptosis and cisplatin chemosensitivity via the OCT4-p-STAT3-MCL1 signaling pathway in hypopharyngeal squamous cell carcinoma. 2021 , 59,	1
504	Exosomal microRNAs in hepatocellular carcinoma. 2021 , 21, 254	2
503	MiR-122 Participates in Oxidative Stress and Apoptosis in STZ-Induced Pancreatic Cells by Regulating PI3K/AKT Signaling Pathway. 2021 , 2021, 5525112	2
502	Mechanism of Anticancer Action of Novel Imidazole Platinum(II) Complex Conjugated with G2 PAMAM-OH Dendrimer in Breast Cancer Cells. 2021 , 22,	2
501	PNO1 regulates autophagy and apoptosis of hepatocellular carcinoma via the MAPK signaling pathway. 2021 , 12, 552	6
500	A pharmacognostic approach for mitigating pancreatic cancer: emphasis on herbal extracts and phytoconstituents. 2021 , 7,	2
499	Upregulation of PPPDE1 contributes to anorectal malformations via the mitochondrial apoptosis pathway during hindgut development in rats. 2021 , 402, 112574	0
498	Effects of Treadmill Exercise on the Expression Level of BAX, BAD, BCL-2, BCL-XL, TFAM, and PGC-1 β in the Hippocampus of Thimerosal-Treated Rats. 2021 , 39, 1274-1284	1
497	The Effect of NeuroAid (MLC901) on Cholestasis-Induced Spatial Memory Impairment with Respect to the Expression of BAX, BCL-2, BAD, PGC-1 β and TFAM Genes in the Hippocampus of Male Wistar Rats. 2021 , 46, 2154-2166	1
496	MIL-1, a novel antitumor agent derived from natural product millepachine, acts as tubulin polymerization inhibitor for the treatment of hepatocellular carcinoma. 2021 , 898, 173975	2
495	Pharmacological Targeting of Executioner Proteins: Controlling Life and Death. 2021 , 64, 5276-5290	6
494	Delphinidin modulates JAK/STAT3 and MAPKinase signaling to induce apoptosis in HCT116 cells. 2021 , 36, 1557-1566	4
493	Discovery of sertraline and its derivatives able to combat drug-resistant gastric cancer cell via inducing apoptosis. 2021 , 41, 127997	2
492	The Biological and Biomechanical Role of Transglutaminase-2 in the Tumour Microenvironment. 2021 , 13,	6
491	Preferential interaction with c-MYC quadruplex DNA mediates the cytotoxic activity of a nitro-flavone derivative in A375 cells. 2021 , 6, 100033	2

490	Apoptosis assessment in high-content and high-throughput screening assays. 2021 , 70, 309-318	0
489	Aberrant Bcl-x splicing in cancer: from molecular mechanism to therapeutic modulation. 2021 , 40, 194	2
488	ANLN promotes carcinogenesis in oral cancer by regulating the PI3K/mTOR signaling pathway. 2021 , 17, 18	1
487	Flavonoids: A Myth or a Reality for Cancer Therapy?. 2021 , 26,	12
486	Modulation of the triggered apoptosis by nano emodin transfersome-mediated sonodynamic therapy on head and neck squamous cell carcinoma cell lines. 2021 , 34, 102253	3
485	The c-Abl inhibitor, radotinib induces apoptosis in multiple myeloma cells via mitochondrial-dependent pathway. 2021 , 11, 13198	3
484	Medicinal chemistry of anthranilic acid derivatives: A mini review. 2021 , 82, 945-958	5
483	Evolution and Structure of API5 and Its Roles in Anti-Apoptosis. 2021 , 28, 612-622	0
482	Pulveraven A from the fruiting bodies of <i>Pulveroboletus ravenelii</i> induces apoptosis in breast cancer cell via extrinsic apoptotic signaling pathway. 2021 , 74, 752-757	2
481	Chronic stress promotes glioma cell proliferation via the PI3K/Akt signaling pathway. 2021 , 46,	3
480	Programmed cell death, redox imbalance, and cancer therapeutics. 2021 , 26, 385-414	3
479	Essential Oil Nanoemulsions (AGEO-NE) as an Exclusive Apoptotic Inducer in Human Lung Adenocarcinoma (A549) Cells. 2021 , 1-9	2
478	STAT3-induced ZBED3-AS1 promotes the malignant phenotypes of melanoma cells by activating PI3K/AKT signaling pathway. 2021 , 1-14	0
477	RNA modifications act as regulators of cell death. 2021 , 18, 2183-2193	1
476	Inflammatory cell death induced by cytotoxic lymphocytes: a dangerous but necessary liaison. 2021 , ,	5
475	Ruthenium Complexes as Promising Candidates against Lung Cancer. 2021 , 26,	8
474	KYP-2047, an Inhibitor of Prolyl-Oligopeptidase, Reduces Glioblastoma Proliferation through Angiogenesis and Apoptosis Modulation. 2021 , 13,	7
473	Transcription factor SP1-induced microRNA-146b-3p facilitates the progression and metastasis of colorectal cancer via regulating FAM107A. 2021 , 277, 119398	5

472	A Novel Dialkylamino-Functionalized Chalcone, DML6, Inhibits Cervical Cancer Cell Proliferation, In Vitro, via Induction of Oxidative Stress, Intrinsic Apoptosis and Mitotic Catastrophe. 2021 , 26,	0
471	VALD-3, a Schiff base ligand synthesized from o-vanillin derivatives, induces cell cycle arrest and apoptosis in breast cancer cells by inhibiting the Wnt/ β -catenin pathway. 2021 , 11, 14985	0
470	Protective Effect of Polysaccharides Extracted from Fruit against Cisplatin-Induced Cytotoxicity in Macrophages and a Mouse Model. 2021 , 22,	2
469	Identification and Functional Characterization of Novel MYC-Regulated Long Noncoding RNAs in Group 3 Medulloblastoma. 2021 , 13,	1
468	Assessment spermatogenic cell apoptosis and the transcript levels of metallothionein and p53 in Meretrix meretrix induced by cadmium. 2021 , 217, 112230	2
467	New insights into cytotoxic mechanisms of bozepinib against glioblastoma. 2021 , 162, 105823	2
466	Nanomaterials Manipulate Macrophages for Rheumatoid Arthritis Treatment. 2021 , 12, 699245	2
465	MUC1 is an oncoprotein with a significant role in apoptosis (Review). 2021 , 59,	6
464	Pyroptosis, a New Breakthrough in Cancer Treatment. 2021 , 11, 698811	8
463	The Role of Apoptosis as a Double-Edge Sword in Cancer.	1
462	: Pharmacological and Nutritional Properties. 2021 , 10,	2
461	Anticancer Effects of Gold Nanoparticles by Inducing Apoptosis in Bladder Cancer 5637 Cells. 2021 , 1	4
460	Emergence of Cardiac Glycosides as Potential Drugs: Current and Future Scope for Cancer Therapeutics. 2021 , 11,	4
459	Shengbai decoction enhances the anti-tumor efficacy of cyclophosphamide on hepatoma 22-bearing mice. 2021 , 140, 111775	2
458	Osthole induces apoptosis of the HT-29 cells via endoplasmic reticulum stress and autophagy. 2021 , 22, 726	1
457	Beta-glucans is a potential inhibitor of ovarian cancer: based on molecular and biological aspects. 2021 ,	1
456	Interactions of multidomain pro-apoptotic and anti-apoptotic proteins in cancer cell death. 2021 , 12, 1615-1626	6
455	Overview of Ferroptosis and Synthetic Lethality Strategies. 2021 , 22,	5

454	Shikonin attenuates HO-induced oxidative injury in HT29 cells via antioxidant activities and the inhibition of mitochondrial pathway-mediated apoptosis. 2021 , 22, 1118	1
453	STAT3-mediated activation of mitochondrial pathway contributes to antitumor effect of dihydrotanshinone I in esophageal squamous cell carcinoma cells. 2021 , 13, 893-914	
452	Penicillin disrupts mitochondrial function and induces autophagy in colorectal cancer cell lines. 2021 , 22, 691	1
451	Anti-osteosarcoma effect of antiserum against cross antigen TPD52 between osteosarcoma and <i>Trichinella spiralis</i> . 2021 , 14, 498	0
450	Atractylenolide III induces apoptosis by regulating the Bax/Bcl-2 signaling pathway in human colorectal cancer HCT-116 Cells in vitro and in vivo. 2021 ,	0
449	CWHM-1008 Induces Apoptosis and Protective Autophagy through the Akt/mTOR Axis in LUAD Cells.. 2021 , 2021, 5548128	2
448	MicroRNA-532-5p regulates oxidative stress and insulin secretion damage in high glucose-induced pancreatic β cells by downregulating the expression levels of CCND1. 2021 , 24,	
447	Combination of Gemcitabine and Thymosin alpha 1 exhibit a better anti-tumor effect on nasal natural killer/T-cell lymphoma. 2021 , 98, 107829	2
446	Dieckol exerts anticancer activity in human osteosarcoma (MG-63) cells through the inhibition of PI3K/AKT/mTOR signaling pathway. 2021 , 28, 4908-4915	2
445	New Advances in the Research of Resistance to Neoadjuvant Chemotherapy in Breast Cancer. 2021 , 22,	3
444	Smart co-delivery of miR-34a and cytotoxic peptides (LTX-315 and melittin) by chitosan based polyelectrolyte nanocarriers for specific cancer cell death induction. 2021 , 128, 112258	5
443	Combination of tumor mutation burden and immune infiltrates for the prognosis of lung adenocarcinoma. 2021 , 98, 107807	4
442	Therapeutic effect of dithiophenolato chitosan nanocomposites against carbon tetrachloride-induced hepatotoxicity in rats. 2021 , 1	2
441	Natural substances derived from herbs or plants are promising sources of anticancer agents against colorectal cancer via triggering apoptosis. 2021 ,	0
440	Disease-Dependent Antiapoptotic Effects of Cannabidiol for Keratinocytes Observed upon UV Irradiation. 2021 , 22,	3
439	G/M cell cycle arrest and apoptosis induced by COH-203 in human promyelocytic leukemia HL-60 cells. 2021 , 22, 815	1
438	Mechanisms involved in the anti-tumor effects of Toosendanin in glioma cells. 2021 , 21, 492	1
437	Species: A Review of Traditional Uses, Phytochemistry and Pharmacology in Relation to Cancer, Infectious Diseases and Sickle Cell Anemia. 2021 , 12, 713090	5

436	Dysregulation of Non-coding RNAs mediates Cisplatin Resistance in Hepatocellular Carcinoma and therapeutic strategies. 2021 , 176, 105906	0
435	A Novel Approach to Unraveling the Apoptotic Potential of Rutin (Bioflavonoid) via Targeting in Cervical Cancer Cells. 2021 , 26,	0
434	Knockdown of POLQ interferes the development and progression of hepatocellular carcinoma through regulating cell proliferation, apoptosis and migration. 2021 , 21, 482	1
433	Anticancer Effects and Mechanisms of OSW-1 Isolated From : A Review. 2021 , 11, 747718	1
432	Sodium metabisulfite as a cytotoxic food additive induces apoptosis in HFFF2 cells. 2021 , 358, 129910	2
431	Thiazolidinone-linked 1,2,3-triazoles with monoterpenic skeleton as new potential anticancer agents: Design, synthesis and molecular docking studies. 2021 , 115, 105184	17
430	Roles of autophagy in relation to mitochondrial stress responses of HeLa cells to lamellarin cytotoxicity. 2021 , 462, 152963	1
429	Isothiocyanate Iberin inhibits cell proliferation and induces cell apoptosis in the progression of ovarian cancer by mediating ROS accumulation and GPX1 expression. 2021 , 142, 111533	9
428	Andrographolide and its derivatives: Current achievements and future perspectives. 2021 , 224, 113710	3
427	Designing of various biosensor devices for determination of apoptosis: A comprehensive review. 2021 , 578, 42-62	2
426	The potential risks of herbicide butachlor to immunotoxicity via induction of autophagy and apoptosis in the spleen. 2022 , 286, 131683	8
425	Ferruginol-induced apoptosis in Human Colon Cancer Cells (HCT-116) through the mitochondria-mediated apoptotic pathway. 2021 , 17, 244	0
424	Technological challenges of theranostics in oncology. 2021 , 307-344	1
423	Porophyllum Genus Compounds and Pharmacological Activities: A Review. 2021 , 89, 7	1
422	Chloroquine diphosphate suppresses liver cancer via inducing apoptosis in Wistar rats using interventional therapy. 2021 , 21, 233	2
421	The Great Escape: The Power of Cancer Stem Cells to Evade Programmed Cell Death. 2021 , 13,	6
420	Overexpression of removes the transrepression of proapoptotic genes mediated by the CtBP1-p300-FOXO3a complex and increases the chemosensitivity in osteosarcoma cells. 2021 , 12, 1826-1837	1
419	TSPAN7 Exerts Anti-Tumor Effects in Bladder Cancer Through the PTEN/PI3K/AKT Pathway. 2020 , 10, 613869	10

418	Anticancer molecular mechanisms of oleocanthal. 2020 , 34, 2820-2834	3
417	Salidroside induces apoptosis and triggers endoplasmic reticulum stress in human hepatocellular carcinoma. 2020 , 527, 1057-1063	4
416	3,3',5,5'-tetramethoxybiphenyl-4,4'-diol induces cell cycle arrest in G2/M phase and apoptosis in human non-small cell lung cancer A549 cells. 2020 , 326, 109133	6
415	Olea europaea L. cv. Chetoui leaf and stem hydromethanolic extracts suppress proliferation and promote apoptosis via caspase signaling on human multiple myeloma cells. 2020 , 37, 101145	3
414	Discovery of novel isoliquiritigenin analogue ISL-17 as a potential anti-gastric cancer agent. 2020 , 40,	2
413	Anticancer and Immunomodulatory Effects of Polysaccharides. 2020 , 1-13	4
412	Clinical application and mechanism of traditional Chinese medicine in treatment of lung cancer. 2020 , 133, 2987-2997	13
411	Prediction of risk scores for colorectal cancer patients from the concentration of proteins involved in mitochondrial apoptotic pathway.	0
410	CRNDE: an oncogenic long non-coding RNA in cancers. 2020 , 20, 162	19
409	WNT974 Inhibits Proliferation, Induces Apoptosis, and Enhances Chemosensitivity to Doxorubicin in Lymphoma Cells by Inhibiting Wnt/ECatenin Signaling. 2020 , 26, e923799	7
408	Annexin/S100A Protein Family Regulation through p14ARF-p53 Activation: A Role in Cell Survival and Predicting Treatment Outcomes in Breast Cancer. 2017 , 12, e0169925	15
407	Improving Combination Cancer Therapy by Acetaminophen and Romidepsin in Non-small Cell Lung Cancer Cells. 2019 , 25, 293-301	1
406	Hyperglycemia triggers HIPK2 protein degradation. 2017 , 8, 1190-1203	12
405	Alpha-linolenic acid stabilizes HIF-1 and downregulates FASN to promote mitochondrial apoptosis for mammary gland chemoprevention. 2017 , 8, 70049-70071	42
404	Targeting signaling and apoptotic pathways involved in chemotherapeutic drug-resistance of hematopoietic cells. 2017 , 8, 76525-76557	15
403	Apoptosis in the aging liver. 2017 , 8, 102640-102652	16
402	Drug-resistance in doxorubicin-resistant FL5.12 hematopoietic cells: elevated MDR1, drug efflux and side-population positive and decreased BCL2-family member expression. 2017 , 8, 113013-113033	8
401	CMTM family proteins 1-8: roles in cancer biological processes and potential clinical value. 2020 , 17, 528-542	12

400	Phytochemicals and Cytotoxicity of Ethyl Acetate Extracts on Human Cancer Cells. 2020 , 31, 69-84	2
399	High ACTN1 Is Associated with Poor Prognosis, and ACTN1 Silencing Suppresses Cell Proliferation and Metastasis in Oral Squamous Cell Carcinoma. 2020 , 14, 1717-1727	8
398	Gene Silencing Strategies in Cancer Therapy: An Update for Drug Resistance. 2019 , 26, 6282-6303	9
397	Therapeutics and Research Related to Glioblastoma: Advancements and Future Targets. 2020 , 21, 186-198	3
396	CD24, A Review of its Role in Tumor Diagnosis, Progression and Therapy. 2020 , 20, 109-126	3
395	Polyisoprenylated Cysteiny Amide Inhibitors Deplete K-Ras and Induce Caspase-dependent Apoptosis in Lung Cancer Cells. 2019 , 19, 838-851	5
394	Targeted Drug Therapy to Overcome Chemoresistance in Triple-negative Breast Cancer. 2020 , 20, 559-572	5
393	Foeniculum Vulgare and Pelargonium Graveolens Essential Oil Mixture Triggers the Cell Cycle Arrest and Apoptosis in MCF-7 Cells. 2019 , 19, 1103-1113	12
392	Mouse Embryonic Cerebral Cortex Cell Death Caused by Carbofuran Insecticide Exposure. 2019 , 63, 413-421	5
391	Downregulation of TMPRSS4 Enhances Triple-Negative Breast Cancer Cell Radiosensitivity Through Cell Cycle and Cell Apoptosis Process Impairment. 2019 , 20, 3679-3687	6
390	Role of TMPRSS4 Modulation in Breast Cancer Cell Proliferation. 2019 , 20, 1849-1856	2
389	Hijacking tRNAs From Translation: Regulatory Functions of tRNAs in Mammalian Cell Physiology. 2020 , 7, 610617	8
388	Biological Activity of Phenolic Compounds in Extra Virgin Olive Oils through Their Phenolic Profile and Their Combination with Anticancer Drugs Observed in Human Cervical Carcinoma and Colon Adenocarcinoma Cells. 2020 , 9,	9
387	Synthesis and Antiproliferatory Activities Evaluation of Multi-Substituted Isatin Derivatives. 2020 , 26,	7
386	SNHG1 promotes proliferation, migration and invasion of bladder cancer cells via the PI3K/AKT signaling pathway. 2020 , 20, 110	4
385	Liriopesides B induces apoptosis and cell cycle arrest in human non-small cell lung cancer cells. 2020 , 46, 1039-1050	3
384	Autophagy inhibition enhances the inhibitory effects of ursolic acid on lung cancer cells. 2020 , 46, 1816-1826	5
383	Resveratrol modulates the apoptosis and autophagic death of human lung adenocarcinoma A549 cells via a p53-dependent pathway: Integrated bioinformatics analysis and experimental validation. 2020 , 57, 925-938	8

382	lncRNA EZR-AS1 knockdown represses proliferation, migration and invasion of cSCC via the PI3K/AKT signaling pathway. 2021 , 23,	7
381	LINC00365-SCGB2A1 axis inhibits the viability of breast cancer through targeting NF- κ B signaling. 2020 , 19, 753-762	3
380	Dual effects of active ERK in cancer: A potential target for enhancing radiosensitivity. 2020 , 20, 993-1000	10
379	Effects of Platycodin D on apoptosis, migration, invasion and cell cycle arrest of gallbladder cancer cells. 2020 , 20, 311	1
378	Molecular characteristics of uveal melanoma and intraocular tumors. 2021 , 21, 9	1
377	Vanillin an active constituent from Vanilla bean induces apoptosis and inhibits proliferation in human colorectal adenocarcinoma cell line. 2020 , 16, 197	2
376	Microarray gene expression profiling in colorectal (HCT116) and hepatocellular (HepG2) carcinoma cell lines treated with leaf extract reveals transcriptome profiles exhibiting anticancer activity. 2018 , 6, e5203	11
375	The E3 Ubiquitin Ligase HOIP inhibits Cancer Cell Apoptosis via modulating PTEN stability. 2021 , 12, 6553-6562	1
374	TM7SF2 regulates cell proliferation and apoptosis by activation of C-Raf/ERK pathway in cervical cancer. 2021 , 7, 299	2
373	RTA404, an Activator of Nrf2, Activates the Checkpoint Kinases and Induces Apoptosis through Intrinsic Apoptotic Pathway in Malignant Glioma. 2021 , 10,	1
372	KP772 overcomes multiple drug resistance in malignant lymphoma and leukemia cells in vitro by inducing Bcl-2-independent apoptosis and upregulation of Harakiri. 2021 , 26, 897-907	1
371	A Titanium (IV)-Dithiophenolate Complex and Its Chitosan Nanocomposite: Their Roles towards Rat Liver Injuries In Vivo and against Human Liver Cancer Cell Lines. 2021 , 22,	2
370	Short-Chain Fatty Acids Alleviate Hepatocyte Apoptosis Induced by Gut-Derived Protein-Bound Uremic Toxins. 2021 , 8, 756730	0
369	Molecular hybridization design and synthesis of novel spirooxindole-based MDM2 inhibitors endowed with BCL2 signaling attenuation; a step towards the next generation p53 activators. 2021 , 117, 105427	10
368	Advances in the study of emodin: an update on pharmacological properties and mechanistic basis. 2021 , 16, 102	1
367	Molecular mechanisms of neoplasia. 2017 , 71, 225-245	1
366	Resveratrol induces apoptosis, autophagy and endoplasmic reticulum stress in colon cancer cells. 2019 , 3, 19-28	4
365	Deoxyelephantopin induces apoptosis via oxidative stress and enhances gemcitabine sensitivity and through targeting the NF- κ B signaling pathway in pancreatic cancer. <i>Aging</i> , 2020 , 12, 11116-11138	5.6 2

- 364 Treatment-Free Remission in Chronic Myeloid Leukemia and New Approaches by Targeting Leukemia Stem Cells. **2021**, 11, 769730 1
- 363 Nutraceuticals and Cancer: Potential for Natural Polyphenols. **2021**, 13, 4
- 362 and Arabinogalactan in combination modulates benzo(a)pyrene-induced genotoxicity during lung carcinogenesis. **2021**, 1-5
- 361 Benzyl Isothiocyanate, a Vegetable-Derived Compound, Induces Apoptosis via ROS Accumulation and DNA Damage in Canine Lymphoma and Leukemia Cells. **2021**, 22, 1
- 360 Effect of Resveratrol Treatment on Human Pancreatic Cancer Cells through Alterations of Bcl-2 Family Members. **2021**, 26, 2
- 359 Biological Functions of Diallyl Disulfide, a Garlic-Derived Natural Organic Sulfur Compound. **2021**, 2021, 5103626 5
- 358 Long noncoding RNA SNHG4: a novel target in human diseases. **2021**, 21, 583 2
- 357 Design, synthesis, cytotoxic activity, and apoptosis inducing effects of 4- and N-substituted benzoyltauramide derivatives. **2020**, 44, 1674-1693
- 356 A Triple-Parameter-Based Laboratory-Friendly Fluorescence Imaging to Identify Apoptosis in Live Cells. **2021**, 2255, 27-42
- 355 Yi Qi Jie Du Formula and Salinomycin Combination Treatment Mediates Nasopharyngeal Carcinoma Stem Cell Proliferation, Migration and Apoptosis via CD44/Ras Signaling Pathway. **2020**, 3, 297-308 1
- 354 Qingjie Fuzheng Granules regulates cancer cell proliferation, apoptosis and tumor angiogenesis in colorectal cancer xenograft mice via Sonic Hedgehog pathway. **2020**, 11, 1123-1134 3
- 353 PLC β inhibition combined with inhibition of apoptosis and necroptosis increases cartilage matrix synthesis in IL-1 β -treated rat chondrocytes. **2021**, 11, 435-445 1
- 352 Inhibitor of protein kinases 1-(4-chlorobenzyl)-3-chloro-4-(3-trifluoromethylphenylamino)-1H-pyrrole-2,5-dione induces DNA damage and apoptosis in human colon carcinoma cells. **2020**, 14, 3-14 0
- 351 Disturbances in the Mechanism of Apoptosis as One of the Causes of the Development of Cancer Diseases. **2020**, 18, 63-73 0
- 350 The anti-tumor effect of OP-B on ovarian cancer in vitro and in vivo, and its mechanism: An investigation using network pharmacology-based analysis. **2022**, 283, 114706 2
- 349 Molecular mechanisms of cell death. **2022**, 65-92
- 348 Induction of cytotoxicity by in human breast carcinoma (MCF-7) cell line via activation of the intrinsic pathway. **2020**, 11, 233-237 3
- 347 [Expression of sperm-specific glyceraldehyde-3-phosphate dehydrogenase in melanoma cells changes their energy metabolism]. **2020**, 66, 372-377

346	Key Signaling Pathways Engaged in Cancer Management: Current Update. 2020 , 16, 36-48	0
345	Non-Coding RNAs Associated With Radioresistance in Triple-Negative Breast Cancer. 2021 , 11, 752270	4
344	Potential anticancer effects of cyclo(-Pro-Tyr) against N-diethyl nitrosamine induced hepatocellular carcinoma in mouse through PI3K/AKT signaling. 2021 ,	0
343	Hydroxyethyl Starch Curcumin Enhances Antiproliferative Effect of Curcumin Against HepG2 Cells Apoptosis and Autophagy Induction. 2021 , 12, 755054	0
342	stem bark extract induces apoptosis in Human hepatocarcinoma HepG2 cells through ROS-mediated mitochondrial pathway. 2020 , 8, e10168	2
341	Combination of enzastaurin and ATRA exerts dose-dependent dual effects on ATRA-resistant acute promyelocytic leukemia cells. 2019 , 9, 906-926	3
340	Regulation of Apoptosis by Autophagy to Enhance Cancer Therapy. 2019 , 92, 707-718	22
339	Anti-cancer Potential of Captopril and Botulinum Toxin Type-A and Associated p53 Gene Apototic Stimulating Activity. 2019 , 18, 1967-1977	4
338	METTL3 plays multiple functions in biological processes. 2020 , 10, 1631-1646	25
337	fruiting body extracts inhibit colorectal cancer by inducing apoptosis, autophagy, and G0/G1 phase cell cycle arrest in vitro and in vivo. 2020 , 12, 2675-2684	1
336	In vitro anticancer activity of extracts on MCF-7 and WEHI-164 cell line. 2020 , 19, 1341-1352	
335	Engulfment and cell motility 1 promotes tumor progression via the modulation of tumor cell survival in gastric cancer. 2020 , 12, 7797-7811	1
334	Combination effect of curcumin with docetaxel on the PI3K/AKT/mTOR pathway to induce autophagy and apoptosis in esophageal squamous cell carcinoma. 2021 , 13, 57-72	7
333	RIP3 mediates TCN-induced necroptosis through activating mitochondrial metabolism and ROS production in chemotherapy-resistant cancers. 2021 , 11, 729-745	5
332	Bioactive peptide isolated from sesame seeds inhibits cell proliferation and induces apoptosis and autophagy in leukemic cells. 2021 , 20, 709-721	
331	Honokiol induces ferroptosis in colon cancer cells by regulating GPX4 activity. 2021 , 11, 3039-3054	1
330	Epimedokoreanin C, a prenylated flavonoid isolated from , induces non-apoptotic cell death with the characteristics of methuosis in lung cancer cells. 2021 , 11, 3496-3514	
329	Increased apoptosis is associated with robust immune cell infiltration and cytolytic activity in breast cancer. 2021 , 11, 3674-3687	2

328	Environmental cadmium positively correlates with autophagy and apoptosis in chronic obstructive pulmonary disease patients. 2022 , 13, 101275	0
327	Luteolin potentiates low-dose oxaliplatin-induced inhibitory effects on cell proliferation in gastric cancer by inducing G/M cell cycle arrest and apoptosis. 2022 , 23, 16	3
326	Review of cancer cell resistance mechanisms to apoptosis and actual targeted therapies. 2021 ,	2
325	The Extract (BNE)-Loaded PLGA Nanoparticles as an Early Necroptosis and Late Apoptosis Inducer in Human MCF-7 Breast Cancer Cells. 2021 , 1-10	1
324	Evaluation of the Anticancer Potential of Crude, Irradiated Snake Venom and Propolis Ethanolic Extract & Related Biological Alterations. 2021 , 26,	1
323	Anti-Tumor Effects of Carrimycin and Monomeric Isovalerylspiramycin I on Hepatocellular Carcinoma and .. 2021 , 12, 774231	1
322	Knockdown of ubiquitin-like modifier-activating enzyme 2 promotes apoptosis of clear cell renal cell carcinoma cells. 2021 , 12, 1067	1
321	TRAF7 contributes to tumor progression by promoting ubiquitin-proteasome mediated degradation of P53 in hepatocellular carcinoma. 2021 , 7, 352	0
320	Ferroptosis Induction in Multiple Myeloma Cells Triggers DNA Methylation and Histone Modification Changes Associated with Cellular Senescence. 2021 , 22,	1
319	Synthesis, In Vitro and In Silico Anticancer Activity of New 4-Methylbenzamide Derivatives Containing 2,6-Substituted Purines as Potential Protein Kinases Inhibitors. 2021 , 22,	2
318	Corilagin induces apoptosis and inhibits autophagy of HL-60 cells by regulating miR-451/HMGB1 axis. 2022 , 25,	
317	Biological Effects of Gyrophoric Acid and Other Lichen Derived Metabolites, on Cell Proliferation, Apoptosis and Cell Signaling pathways. 2021 , 351, 109768	1
316	ROS in Apoptosis of Cancer Cells. 2021 , 1-13	
315	Anti-proliferative effects of the combination of Sulfamethoxazole and Quercetin via caspase3 and NFkB gene regulation: an in vitro and in vivo study.. 2022 , 395, 227	1
314	Deduction of CDC42EP3 suppress development and progression of osteosarcoma.. 2022 , 412, 113018	
313	Curcumin combined with photodynamic therapy, promising therapies for the treatment of cancer.. 2021 , 146, 112567	5
312	Synthesis and anticancer activity of novel hydrazone linkage-based aryl sulfonate derivatives as apoptosis inducers. 2022 , 31, 368-379	2
311	Glucose-regulated protein 78 modulates cell growth, epithelial-mesenchymal transition, and oxidative stress in the hyperplastic prostate.. 2022 , 13, 78	2

310	Knockdown of forkhead box protein P1 alleviates hypoxia reoxygenation injury in H9c2 cells through regulating Pik3ip1/Akt/eNOS and ROS/mPTP pathway.. 2022 , 13, 1320-1334	2
309	Non-Coding RNAs and Brain Tumors: Insights Into Their Roles in Apoptosis.. 2021 , 9, 792185	1
308	2-Methoxyestradiol combined with ascorbic acid facilitates the apoptosis of chronic myeloid leukemia cells via the microRNA-223/Fms-like tyrosine kinase 3/phosphatidylinositol-3 kinase/protein kinase B axis.. 2022 , 13, 3470-3485	
307	Oksidatif, Apoptotik ve İnflamatuar Sinyal Yolakları Üzerinden C6 Glioblastoma Hücrelerindeki ML351'in Antiproliferatif Etkileri. 36-42	
306	ROS in Apoptosis of Cancer Cells. 2022 , 503-515	
305	Newly synthesized palladium(II) complexes with aminothiazole derivatives: study of antimicrobial activity and antitumor activity on the human prostate cancer cell line.. 2021 ,	1
304	Bulbus Fritillariae Cirrhosae as a Respiratory Medicine: Is There a Potential Drug in the Treatment of COVID-19?. 2021 , 12, 784335	0
303	The application of natural compounds in uveal melanoma drug discovery.. 2022 ,	
302	Non-Coding RNAs in Colorectal Cancer: Their Functions and Mechanisms.. 2022 , 12, 783079	0
301	Roles and drug development of METTL3 (methyltransferase-like 3) in anti-tumor therapy.. 2022 , 230, 114118	2
300	CENPO regulated proliferation and apoptosis of colorectal cancer in a p53-dependent manner.. 2022 , 13, 8	0
299	Panax notoginseng saponins induce apoptosis in retinoblastoma Y79 cells via the PI3K/AKT signalling pathway.. 2022 , 216, 108954	1
298	ISRIB plus bortezomib triggers paraptosis in breast cancer cells via enhanced translation and subsequent proteotoxic stress.. 2022 , 596, 56-62	0
297	Dual regulating of mitochondrial fusion and Timp-3 by leflunomide and diallyl disulfide combination suppresses diethylnitrosamine-induced hepatocellular tumorigenesis in rats.. 2022 , 294, 120369	2
296	Quercetin induces tongue squamous cell carcinoma cell apoptosis via the JNK activation-regulated ERK/GSK-3 β -mediated mitochondria-dependent apoptotic signaling pathway.. 2022 , 23, 78	0
295	Evaluation of the antiproliferative effect of Iso-mukaadial acetate on breast and ovarian cancer cells. 1	1
294	Cirsilineol inhibits cell growth and induces apoptosis in glioma C6 cells via inhibiting MAPK and PI3K/Akt/mTOR signaling pathways. 1	0
293	Cell Membrane Breakage and Triggering T Cell Infiltration are Involved in Human Telomerase Reverse Transcriptase (hTERT) Promoter-driven Novel Peptide KK-64 for Liver Cancer Gene Therapy.. 2021 ,	1

292	Design, Synthesis, Chemical and Biochemical Insights Into Novel Hybrid Spirooxindole-Based p53-MDM2 Inhibitors With Potential Bcl2 Signaling Attenuation.. 2021 , 9, 735236	7
291	A Pyroptosis-Related Gene Signature to Predict Patients' Prognosis and Immune Landscape in Liver Hepatocellular Carcinoma.. 2022 , 2022, 1258480	1
290	Synthesis and biological evaluations of novel pyrazinoic acid derivatives as anticancer agents. 2022 , 31, 580-593	1
289	Extracts of Bauhinia Championii Alleviate Acute Neuronal Injury After Ischemic Reperfusion by Improving Endoplasmic Reticulum Stress-Mediated Neuronal Apoptosis.. 2022 , 1	0
288	Potential Roles and Key Mechanisms of Hawthorn Extract against Various Liver Diseases.. 2022 , 14,	2
287	Dietary intake of monounsaturated and polyunsaturated fatty acids is related to the reduced risk of esophageal squamous cell carcinoma.. 2022 , 21, 25	1
286	Biogenic Metal and Metal Oxides Nanoparticles as Anticancer Agent: A Review. 2022 , 1225, 012043	1
285	Molecular hydrogen is a promising therapeutic agent for pulmonary disease.. 2022 , 23, 102-122	2
284	Emerging Mechanisms and Targeted Therapy of Pyroptosis in Central Nervous System Trauma.. 2022 , 10, 832114	0
283	Bupivacaine modulates the apoptosis and ferroptosis in bladder cancer via phosphatidylinositol 3-kinase (PI3K)/AKT pathway.. 2022 , 13, 6794-6806	3
282	Anticancer Effects with Molecular Docking Confirmation of Newly Synthesized Isatin Sulfonamide Molecular Hybrid Derivatives against Hepatic Cancer Cell Lines.. 2022 , 10,	3
281	Regorafenib Reverses Temozolomide-Induced CXCL12/CXCR4 Signaling and Triggers Apoptosis Mechanism in Glioblastoma.. 2022 , 1	1
280	Eugenol EAmine/EAlkoxy Alcohols with Selective Anticancer Activity.. 2022 , 23,	1
279	GPR27 Regulates Hepatocellular Carcinoma Progression via MAPK/ERK Pathway.. 2022 , 14, 1165-1177	1
278	CircRNAs in Malignant Tumor Radiation: The New Frontier as Radiotherapy Biomarkers.. 2022 , 12, 854678	0
277	Continuous ZnO nanoparticle exposure induces melanoma-like skin lesions in epidermal barrier dysfunction model mice through anti-apoptotic effects mediated by the oxidative stress-activated NF- κ B pathway.. 2022 , 20, 111	1
276	Xanthohumol targets the JNK1/2 signaling pathway in apoptosis of human nasopharyngeal carcinoma cells.. 2022 ,	1
275	Mitochondria Related Cell Death Modalities and Disease.. 2022 , 10, 832356	2

274	Anhuienoside C inhibits human ovarian cancer cell growth by inducing apoptosis, suppression of cell migration and invasion, and targeting PI3K/AKT/mTOR signaling pathway.. 2022 , 1	0
273	Engineering of a Microscale Niche for Pancreatic Tumor Cells Using Bioactive Film Coatings Combined with 3D-Architected Scaffolds.. 2022 ,	1
272	Nerolidol induced apoptosis via PI3K/JNK regulation through cell cycle arrest in MG-63 osteosarcoma cells.. 2022 ,	0
271	Induction of Apoptosis by Metabolites of Rhei Radix et Rhizoma (Da Huang): A Review of the Potential Mechanism in Hepatocellular Carcinoma.. 2022 , 13, 806175	0
270	HSP70 Ameliorates Septic Acute Kidney Injury via Binding with TRAF6 to Inhibit of Inflammation-Mediated Apoptosis.. 2022 , 15, 2213-2228	
269	Targeting oxidative stress and inflammatory response for blood-brain barrier protection in intracerebral hemorrhage.. 2022 ,	2
268	Formulation Strategies and Therapeutic Applications of Shikonin and Related Derivatives.. 2022 ,	0
267	Targeting lncRNAs in programmed cell death as a therapeutic strategy for non-small cell lung cancer.. 2022 , 8, 159	1
266	Transformation Mechanism of Rare Ginsenosides in American Ginseng by Different Processing Methods and Antitumour Effects.. 2022 , 9, 833859	0
265	Flavonoid content in extract fractions of Morus alba (mulberry) induces apoptosis in A549 human epithelial lung carcinoma cells. 2022 , 18,	
264	Synthesis and characterization of berberine-loaded chitosan nanoparticles for the protection of urethane-induced lung cancer.. 2022 , 121652	0
263	In vitro cytotoxic effects of Smilax aspera L. roots on cancer cell lines. 2022 , 46, 101501	1
262	A review of potential anti-cancer properties of some selected medicinal plants grown in Iran. 2022 , 33, 100557	2
261	Synergistic Cytotoxic Effect of Honey Bee Venom and Cisplatin on Tongue Squamous Cell Carcinoma Cell Line. 2020 , 9, 1739-1744	
260	The deleterious effects induced by an acute exposure of human skin to common air pollutants are prevented by extracts of Deschampsia antarctica. 2021 , 11, 23751	
259	Evaluation of 2-Thioxoimidazolidin-4-one Derivatives as Potent Anti-Cancer Agents through Apoptosis Induction and Antioxidant Activation: In Vitro and In Vivo Approaches.. 2021 , 27,	4
258	Targeting the Interplay between Cancer Metabolic Reprogramming and Cell Death Pathways as a Viable Therapeutic Path.. 2021 , 9,	2
257	Effects and Mechanism of Salvianolic Acid B on the Injury of Human Renal Tubular Epithelial Cells Induced by Iopromide.. 2021 , 12, 761908	2

256 Cell Death: a Molecular Perspective. **2021**, 7, 41-66

255 Role of Mitochondria in Interplay between NGF/TRKA, miR-145 and Possible Therapeutic Strategies for Epithelial Ovarian Cancer.. **2021**, 12, 1

254 Dichloromethane fractions of induce S-phase arrest and apoptosis in HT-29 human colorectal cancer cells.. **2022**, 25, 0

253 Lactoferrin Alleviated AFM1-Induced Apoptosis in Intestinal NCM 460 Cells through the Autophagy Pathway.. **2021**, 11, 1

252 Cold Physical Plasma in Cancer Therapy: Mechanisms, Signaling, and Immunity.. **2021**, 2021, 9916796 4

251 Delta-tocotrienol enhances the antitumor effects of interferon alpha through ROS and Erk/MAPK signaling pathways in hepatocellular carcinoma cells.. **2021**, 0

250 CCNI2 promotes the progression of human gastric cancer through HDGF.. **2021**, 21, 661 1

249 Insight into OroxylinA-7- β -D-Glucuronide-Enriched Bark Extract in Oral Cancer HSC-3 Cell Apoptotic Mechanism: Role of Mitochondrial Microenvironment.. **2021**, 26, 2

248 Tepotinib suppresses proliferation, invasion, migration, and promotes apoptosis of melanoma cells via inhibiting MET and PI3K/AKT signaling pathways.. **2022**, 23, 170 0

247 Xihuang pills induce apoptosis in hepatocellular carcinoma by suppressing phosphoinositide 3-kinase/protein kinase-B/mechanistic target of rapamycin pathway.. **2022**, 14, 872-886

246 Marine Migrastatics: A Comprehensive 2022 Update. **2022**, 20, 273 2

245 TGF- β Promotes Autophagy and Inhibits Apoptosis in Breast Cancer by Targeting TP63.. **2022**, 12, 865067 0

244 Star Polymers as Non-Viral Carriers for Apoptosis Induction. **2022**, 12, 608

243 In Vitro Antioxidant and Anticancer Properties of Various Extracts.. **2022**, 27, 0

242 The paradigm of drug resistance in cancer: an epigenetic perspective.. **2022**, 42, 2

241 P301L tau mutation leads to alterations of cell cycle, DNA damage response and apoptosis: evidence for a role of tau in cancer.. **2022**, 115043 0

240 Fangchinoline induces gallbladder cancer cell apoptosis by suppressing PI3K/Akt/XIAP axis.. **2022**, 17, e0266738 0

239 Cabazitaxel suppresses the proliferation and promotes the apoptosis and radiosensitivity of castration-resistant prostate cancer cells by inhibiting PI3K/AKT pathway.. **2022**, 14, 166-181

238	Chemobrain: A review on mechanistic insight, targets and treatments. 2022 ,	0
237	Silver nanoparticles induce mitochondria-dependent apoptosis and late non-canonical autophagy in HT-29 colon cancer cells. 2022 , 11, 1911-1926	2
236	The Inhibition of Gastric Cancer Cells' Progression by 23,24-Dihydrocucurbitacin E through Disruption of the Ras/Raf/ERK/MMP9 Signaling Pathway.. 2022 , 27,	0
235	Apoptosis-Related Signature Predicts Prognosis and Immune Microenvironment Infiltration in Lung Adenocarcinoma.. 2022 , 13, 818403	0
234	The Mechanisms of lncRNA-Mediated Multidrug Resistance and the Clinical Application Prospects of lncRNAs in Breast Cancer.. 2022 , 14,	0
233	Apoptosis-Associated Gene Expression Profiling Is One New Prognosis Risk Predictor of Human Rectal Cancer.. 2022 , 2022, 4596810	0
232	Berberine alkaloids inhibit the proliferation and metastasis of breast carcinoma cells involving Wnt/ β -catenin signaling and EMT.. 2022 , 113217	0
231	Cytotoxicity of Newly Synthesized Quinazoline-Sulfonamide Derivatives in Human Leukemia Cell Lines and Their Effect on Hematopoiesis in Zebrafish Embryos.. 2022 , 23,	0
230	Inhibitory effects on HepG2 cell proliferation and induction of cell cycle arrest by Chromolaena odorata leaf extract and fractions. 2022 , 69, 377-384	0
229	Granzymes-Their Role in Colorectal Cancer.. 2022 , 23,	0
228	Design, synthesis and antitumour activity of novel 5(6)-amino-benzimidazolequinones containing a fused morpholine. 2022 , 114420	
227	4 overexpression promotes apoptosis in goat turbinate bone cells.. 2022 , 1-9	
226	Isoalantolactone Induces Cell Cycle Arrest, Apoptosis and Autophagy in Colorectal Cancer Cells. 2022 , 13,	0
225	Timosaponin AIII Suppresses RAP1 Signaling Pathway to Enhance the Inhibitory Effect of Paclitaxel on Nasopharyngeal Carcinoma.. 2022 , 2022, 6756676	0
224	Mogrol suppresses lung cancer cell growth by activating AMPK-dependent autophagic death and inducing p53-dependent cell cycle arrest and apoptosis.. 2022 , 444, 116037	1
223	Novel application of rhein and its prodrug diacerein for reversing cancer-related multidrug resistance through the dual inhibition of P-glycoprotein efflux and STAT3-mediated P-glycoprotein expression. 2022 , 150, 112995	1
222	Marine biome-derived secondary metabolites, a class of promising antineoplastic agents: A systematic review on their classification, mechanism of action and future perspectives.. 2022 , 155445	0
221	Targeted drug/gene/photodynamic therapy via a stimuli-responsive dendritic polymer-based nano-cocktail for treatment of EGFR-TKI-resistant non-small cell lung cancer.. 2022 , e2201516	1

220	Bee venom protects against pancreatic cancer via inducing cell cycle arrest and apoptosis with suppression of cell migration.. 2022 , 13, 847-858	0
219	Alterations in Molecular Profiles Affecting Glioblastoma Resistance to Radiochemotherapy: Where Does the Good Go?. 2022 , 14, 2416	4
218	Inhibitory Effects of Terfezia (Ascomycota) Desert Truffles on PANC-1 Cell Growth Via Upregulation of the Pro-apoptotic Genes TP53, CDKN1A, and BAX, and Downregulation of the Anti-apoptotic Gene BCL2. 2022 ,	
217	SERTAD1 Sensitizes Breast Cancer Cells to Doxorubicin and Promotes Lysosomal Protein Biosynthesis. 2022 , 10, 1148	1
216	Nanocurcumin and curcumin prevent N, N'-methylenebisacrylamide-induced liver damage and promotion of hepatic cancer cell growth.. 2022 , 12, 8319	0
215	Autophagy and Apoptosis in Acute CNS injuries: from Mechanism to Treatment.. 2022 ,	0
214	Mitochondrial dysfunction is involved in the cellular activity inhibition by eleutheroside B in SMMC-7721 and HeLa cells.. 2022 , 41, 9603271221089006	
213	Artonin F Induces the Ubiquitin-Proteasomal Degradation of c-Met and Decreases Akt-mTOR Signaling. 2022 , 15, 633	
212	Identification of icaritin derivative IC2 as an SCD-1 inhibitor with anti-breast cancer properties through induction of cell apoptosis. 2022 , 22,	1
211	Chemosensitization of U-87 MG Glioblastoma Cells by Neobavaisoflavone towards Doxorubicin and Etoposide. 2022 , 23, 5621	1
210	(S)-N-[2-(3-hydroxy-2-oxo-2,3-dihydro-1H-indol-3-yl)-ethyl]-acetamide Inhibits Neuroglioma Cell Growth Through Inducing Apoptosis.	
209	Anastasis: cell recovery mechanisms and potential role in cancer. 2022 , 20,	0
208	Impact of nickel mining in New Caledonia on marbled eels <i>Anguilla marmorata</i> . 2022 , 129285	0
207	Interactions Between Natural Products and Tamoxifen in Breast Cancer: A Comprehensive Literature Review. 2022 , 13,	0
206	Cellular aging and immunity. 2022 , 5, 8-16	
205	Lentivirus-induced knockdown of IARS2 expression inhibits the proliferation and promotes the apoptosis of human osteosarcoma cells. 2022 , 24,	
204	Influence of Inhibition of COX-2-Dependent Lipid Metabolism on Regulation of UVB-Induced Keratinocytes Apoptosis by Cannabinoids. 2022 , 12, 842	1
203	Impact of Amarogentin on Gastric Carcinoma Cell Multiplication, Apoptosis and Migration via circKIF4A/miR-152-3p. 2022 , 2022, 1-9	0

202	Identification of a Unique Cytotoxic Thieno[2,3-c]Pyrazole Derivative with Potent and Selective Anticancer Effects In Vitro. 2022 , 11, 930	
201	3-Bromopyruvic acid regulates glucose metabolism by targeting the c-Myc/TXNIP axis and induces mitochondria-mediated apoptosis in TNBC cells. 2022 , 24,	1
200	Application of Sensitivity Analysis to Discover Potential Molecular Drug Targets. 2022 , 23, 6604	0
199	Identification and Validation of an Apoptosis-Related Gene Prognostic Signature for Oral Squamous Cell Carcinoma. 12,	0
198	The Chloroform Extracts of Vietnamese Sophora flavescens Ait. Inhibit the Proliferation of HepG2 Cells through Apoptosis Induction. 2022 , 12, 5906	
197	Anticancer activity of linalool: comparative investigation of ultrastructural changes and apoptosis in breast cancer cells. 1-11	1
196	Novel bis-amide-based bis-thiazoles as anti-colorectal cancer agents through Bcl-2 inhibition: Synthesis, In Vitro, and In Vivo studies. 2022 , 22,	1
195	Crowberry inhibits cell proliferation and migration through a molecular mechanism that includes inhibition of DEK and Akt signaling in cholangiocarcinoma. 2022 , 17,	
194	Epitranscriptomics Changes the Play: m6A RNA Modifications in Apoptosis. 2022 ,	0
193	A Critical Review: Anti-Cancer Effects of Brucea Javanica and the Mechanisms. 2022 , 100133	0
192	Myricetin loaded in solid lipid nanoparticles induces apoptosis in the HT-29 colorectal cancer cells via mitochondrial dysfunction.	0
191	OTSSP167 leads to follicular dysplasia and negatively affects oocyte quality in mice. 2022 , 476, 153243	0
190	Carnosic Acid Encapsulated in Albumin Nanoparticles Induces Apoptosis in Breast and Colorectal Cancer Cells. 2022 , 27, 4102	2
189	Involvement of the PI3K/AKT Intracellular Signaling Pathway in the AntiCancer Activity of Hydroxytyrosol, a Polyphenol from Olea europaea, in Hematological Cells and Implication of HSP60 Levels in Its Anti-Inflammatory Activity. 2022 , 23, 7053	3
188	Methuosis Contributes to Jaspine-B-Induced Cell Death. 2022 , 23, 7257	
187	Hypoxia signaling in human health and diseases: implications and prospects for therapeutics. 2022 , 7,	4
186	Crosstalk among m6A RNA methylation, hypoxia and metabolic reprogramming in TME: from immunosuppressive microenvironment to clinical application. 2022 , 15,	1
185	Serum cell-free DNA as a new biomarker in cutaneous T-cell lymphoma.	

- 184 Sitagliptin Potentiates the Anti-Neoplastic Activity of Doxorubicin in Experimentally-Induced Mammary Adenocarcinoma in Mice: Implication of Oxidative Stress, Inflammation, Angiogenesis, and Apoptosis. **2022**, 90, 42 ○
- 183 Osteomodulin protects dental pulp stem cells from cisplatin-induced apoptosis in vitro.
- 182 PDCD10 promotes proliferation, migration, and invasion of osteosarcoma by inhibiting apoptosis and activating EMT pathway. 1
- 181 Design, synthesis and evaluation of novel curcumin analog as potential anti-lung cancer agent. 1-15
- 180 Circulating Tumor DNA Characteristics Based on Next Generation Sequencing and Its Correlation With Clinical Parameters in Patients With Lymphoma. 12,
- 179 Farrerol exhibits inhibitory effects on lung adenocarcinoma cells by activating the mitochondrial apoptotic pathway. ○
- 178 Anticancer effect and apoptosis induction by azaflavanone derivative in human prostate cancer cells. ○
- 177 Identification and validation of necroptosis-related prognostic gene signature and tumor immune microenvironment infiltration characterization in esophageal carcinoma. **2022**, 22, ○
- 176 Phosphomimicry on STAU1 Serine 20 Impairs STAU1 Posttranscriptional Functions and Induces Apoptosis in Human Transformed Cells. **2022**, 23, 7344 ○
- 175 Flavonoid extract Kushenol a exhibits anti-proliferative activity in breast cancer cells via suppression of PI3K/AKT/mTOR pathway.
- 174 Attenuated Dengue Virus PV001-DV Induces Oncolytic Cell Death and Potent Anti-Tumor Immunity.
- 173 Butyrate inhibits gastric cancer cells by inducing mitochondria-mediated apoptosis. **2022**, 25, ○
- 172 Target Identification-Based Analysis of Mechanism of Betulinic Acid-Induced Cells Apoptosis of Cervical Cancer SiHa. **2022**, 17, 1934578X2211155
- 171 Nanoparticles-Based Strategies to Improve the Delivery of Therapeutic Small Interfering RNA in Precision Oncology. **2022**, 14, 1586 1
- 170 Berberine Induces Autophagic Cell Death by Inactivating the Akt/mTOR Signaling Pathway.
- 169 1,4-Naphthoquinone (CNN1) Induces Apoptosis through DNA Damage and Promotes Upregulation of H2AFX in Leukemia Multidrug Resistant Cell Line. **2022**, 23, 8105 ○
- 168 Thymidine Kinase 1 Mediates the Synergistic Antitumor Activity of Ubenimex and Celecoxib via Regulation of Cell Cycle in Colorectal Cancer. **2022**, 382, 188-198
- 167 Circ-NCX1 inhibits LPS -induced chondrocyte apoptosis by regulating the miR -133a/ SIRT1 axis. ○

- 166 NAT10 acetylates BCL-XL mRNA to promote the proliferation of multiple myeloma cells through PI3K-AKT pathway. 12, 0
- 165 The long non-coding RNA SPRIGHTLY and its binding partner PTBP1 regulate exon 5 skipping of SMYD3 transcripts in group 4 medulloblastomas. 0
- 164 The Flavagline Compound 1-(2-(dimethylamino)acetyl)-Rocaglaol Induces Apoptosis in K562 Cells by Regulating the PI3K/Akt/mTOR, JAK2/STAT3, and MAPK Pathways. Volume 16, 2545-2557 1
- 163 Cellular Regulation of Kynurenic Acid-Induced Cell Apoptosis Pathways in AGS Cells. **2022**, 23, 8894 0
- 162 Ambra1 in cancer: implications for clinical oncology. 0
- 161 Construction of a prognostic risk model based on apoptosis-related genes to assess tumor immune microenvironment and predict prognosis in hepatocellular carcinoma. **2022**, 22, 0
- 160 Potential Apoptotic Activities of *Hylocereus undatus* Peel and Pulp Extracts in MCF-7 and Caco-2 Cancer Cell Lines. **2022**, 11, 2192 2
- 159 Cytotoxic and Apoptotic Effect of *Rubus chingii* Leaf Extract against Non-Small Cell Lung Carcinoma A549 Cells. **2022**, 10, 1537 1
- 158 Integrative analyses of mRNA and microRNA expression profiles reveal the innate immune mechanism for the resistance to *Vibrio parahaemolyticus* infection in *Epinephelus coioides*. 13, 0
- 157 Development of a bioluminescence assay for BIR2- caspase3 interaction through split luciferase complementary assay. **2022**, 186, 108584 1
- 156 Cancer and apoptosis: The apoptotic activity of plant and marine natural products and their potential as targeted cancer therapeutics. 13, 2
- 155 Negative Feedback of the cAMP/PKA Pathway Regulates the Effects of Endoplasmic Reticulum Stress-Induced NLRP3 Inflammasome Activation on Type II Alveolar Epithelial Cell Pyroptosis as a Novel Mechanism of BLM-Induced Pulmonary Fibrosis. **2022**, 2022, 1-13 0
- 154 Additive Interactions between Betulinic Acid and Two Taxanes in In Vitro Tests against Four Human Malignant Melanoma Cell Lines. **2022**, 23, 9641 2
- 153 Regulated cell death (RCD) in cancer: key pathways and targeted therapies. **2022**, 7, 6
- 152 Design, synthesis and mechanism of action of novel 1,9-disubstituted β -carboline derivatives as antitumor agents. **2022**, 153, 113494 0
- 151 ALDH6A1 weakens the progression of colon cancer via modulating the RAS/RAF/MEK/ERK pathway in cancer cell lines. **2022**, 842, 146757 0
- 150 CPNE1 silencing inhibits cell proliferation and accelerates apoptosis in human gastric cancer. **2022**, 177, 106278 0
- 149 β -Pinene inhibits the growth of cervical cancer cells through its proapoptotic activity by regulating the miR-34a-5p/Bcl-2 signaling axis. 0

- 148 Effect of NMB-regulated ERK1/2 and p65 signaling pathway on proliferation and apoptosis of cervical cancer. **2022**, 238, 154104 ○
- 147 Berberine for gastric cancer prevention and treatment: Multi-step actions on the Correa cascade underlie its therapeutic effects. **2022**, 184, 106440 ○
- 146 Quercetin induced HepG2 cells apoptosis through ATM/JNK/STAT3 signaling pathways. **2023**, 47, 187-194 ○
- 145 Rno_CircRNA_006061 Participates in Apoptosis of Lung Tissues Induced by Formaldehyde Via Activating p38/ATF3 Pathway. ○
- 144 The Main Directions of Antimicrobial Peptides Use and Synthesis Overview. **2022**, 14, 853-865 ○
- 143 Karragenan'ın malign MCF-7 meme kanseri ve malign olmayan SVCT meme epitel h re dizileri  erindeki sitotoksik aktivitesi. **2022**, 5, ○
- 142 Molecular Mechanism of Tanshinone against Prostate Cancer. **2022**, 27, 5594 ○
- 141 Cancer suppression by ferroptosis and its role in digestive system tumors. **2022**, 30, 718-728 ○
- 140 Advances in Cancer Diagnosis: Bio-Electrochemical and Biophysical Characterizations of Cancer Cells. **2022**, 13, 1401 ○
- 139 Novel Sigma-2 receptor ligand A011 overcomes MDR in adriamycin-resistant human breast cancer cells by modulating ABCB1 and ABCG2 transporter function. 13, 1
- 138 6,6'-((Methylazanedy)bis(methylene))bis(2,4-dimethylphenol) Induces Autophagic Associated Cell Death through mTOR-Mediated Autophagy in Lung Cancer. **2022**, 27, 6230 ○
- 137 Emerging nanotechnology-based therapeutics to combat multidrug-resistant cancer. **2022**, 20, 2
- 136 Salvia miltiorrhiza in cancer: Potential role in regulating MicroRNAs and epigenetic enzymes. 13, ○
- 135 Network pharmacology-based investigation and experimental validation of the mechanism of scutellarin in the treatment of acute myeloid leukemia. 13, ○
- 134 Glabridin inhibits urothelial bladder carcinoma cell growth in vitro and in vivo by inducing cell apoptosis and cell cycle arrest. ○
- 133 Luteolin enhances erlotinib cell proliferation inhibitory and apoptotic effects in glioblastoma cell lines. 13, 1
- 132 Advances in Anti-Cancer Activities of Flavonoids in Scutellariae radix: Perspectives on Mechanism. **2022**, 23, 11042 ○
- 131 EXPRESSION OF BCL-2 AND BAX GENES INDUCED BY AN OVARIAN EXTRACT OF SINGKARAK LAKE PUFFERFISH (Tetraodon leirus) IN BREAST CANCER CELL. **2022**, 51, 63-69 ○

130	Agrobacterium sp. ZX09 β -Glucan Attenuates Enterotoxigenic Escherichia coli-Induced Disruption of Intestinal Epithelium in Weaned Pigs. 2022 , 23, 10290	0
129	23-hydroxybetulinic acid reduces tumorigenesis, metastasis and immunosuppression in a mouse model of hepatocellular carcinoma via disruption of the MAPK signaling pathway. 2022 , 33, 815-825	0
128	Flavones: Six Selected Flavones and Their Related Signaling Pathways That Induce Apoptosis in Cancer. 2022 , 23, 10965	2
127	Naturally derived indole alkaloids targeting regulated cell death (RCD) for cancer therapy: from molecular mechanisms to potential therapeutic targets. 2022 , 15,	4
126	HAPLN3 Inhibits Apoptosis and Promotes EMT of Clear Cell Renal Cell Carcinoma via ERK and Bcl-2 Signal Pathways.	0
125	The role and function of CLU in cancer biology and therapy.	0
124	Potential therapeutic strategies for quercetin targeting critical pathological mechanisms associated with colon adenocarcinoma and COVID-19. 13,	0
123	The role of lncRNA H19 in tumorigenesis and drug resistance of human Cancers. 13,	2
122	Anticancer activity of oleanolic acid and its derivatives modified at A-ring and C-28 position. 1-14	0
121	Apigenin Promotes TNF α -Induced Apoptosis, Necroptosis, G2/M Phase Cell Cycle Arrest, and ROS Generation through Inhibition of NF- κ B Pathway in Hep3B Liver Cancer Cells. 2022 , 11, 2734	2
120	The Antiaging Activities of Phytochemicals in Dark-Colored Plant Foods: Involvement of the Autophagy- and Apoptosis-Associated Pathways. 2022 , 23, 11038	0
119	Cytotoxicity Studies of Eugenol Amino Alcohols Derivatives.	0
118	The anticancer effects of curcumin and clinical research progress on its effects on esophageal cancer. 13,	2
117	The Role of Selected Serpins in Gastrointestinal (GI) Malignancies. 2022 , 11, 6225	0
116	Deubiquitinating Enzyme USP12 Regulates the Pro-Apoptosis Protein Bax. 2022 , 23, 13107	0
115	Radix Glycyrrhizae Preparata Induces Cell Cycle Arrest and Induced Caspase-Dependent Apoptosis in Glioblastoma Multiforme. 2022 , 14, 804-823	0
114	Bisdemethoxycurcumin Alleviates Dextran Sodium Sulfate-Induced Colitis via Inhibiting NLRP3 Inflammasome Activation and Modulating the Gut Microbiota in Mice. 2022 , 11, 1994	0
113	Iron-Sulfur Clusters: A Key Factor of Regulated Cell Death in Cancer. 2022 , 2022, 1-15	0

- 112 The Anti-Tumor and Immunomodulatory Effects of PLGA-Based Docetaxel Nanoparticles in Lung Cancer: The Potential Involvement of Necroptotic Cell Death through Reactive Oxygen Species and Calcium Build-Up. **2022**, 10, 1801 ○
- 111 An optimal medicinal and edible Chinese herbal formula attenuates particulate matter-induced lung injury through its anti-oxidative, anti-inflammatory and anti-apoptosis activities. **2022**, ○
- 110 Antimicrobial Peptides Mediate Apoptosis by Changing Mitochondrial Membrane Permeability. **2022**, 23, 12732 1
- 109 Impact of ROS-Dependent Lipid Metabolism on Psoriasis Pathophysiology. **2022**, 23, 12137 ○
- 108 The Oncogenic and Immunological Roles of Apoptosis Antagonistic Transcription Factors in Human Tumors: A Pan-Cancer Analysis. **2022**, 2022, 1-16 ○
- 107 2-Methoxyestradiol Damages DNA in Glioblastoma Cells by Regulating nNOS and Heat Shock Proteins. **2022**, 11, 2013 ○
- 106 Low expression of MYCN promotes cisplatin resistance by suppressing cisplatin-induced apoptosis in epithelial ovarian cancer. **2022**, 24, ○
- 105 Speciation Analysis Highlights the Interactions of Auranofin with the Cytoskeleton Proteins of Lung Cancer Cells. **2022**, 15, 1285 ○
- 104 SLU7: A New Hub of Gene Expression Regulation From Epigenetics to Protein Stability in Health and Disease. **2022**, 23, 13411 ○
- 103 A review of the botany, ethnopharmacology, phytochemistry, pharmacology, toxicology and quality of *Anemarrhena asphodeloides* Bunge. **2023**, 302, 115857 ○
- 102 Ras suppressor 1 long form (RSU1L) silencing promotes apoptosis in invasive breast cancer cells. **2023**, 101, 110522 ○
- 101 The C30-Modulation of Betulinic Acid Using 1,2,4-Triazole: A Promising Strategy for Increasing Its Antimelanoma Cytotoxic Potential. **2022**, 27, 7807 ○
- 100 Dihydrotanshinone I: A Target for STAT3 in the Therapy of Tamoxifen-Resistant Breast Cancer. **2022**, 7, ○
- 99 CLEFMA Induces the Apoptosis of Oral Squamous Carcinoma Cells through the Regulation of the P38/HO-1 Signalling Pathway. **2022**, 14, 5519 ○
- 98 Mechanism of Resveratrol-Induced Programmed Cell Death and New Drug Discovery against Cancer: A Review. **2022**, 23, 13689 3
- 97 HAPLN3 inhibits apoptosis and promotes EMT of clear cell renal cell carcinoma via ERK and Bcl-2 signal pathways. ○
- 96 CD47 mediates the progression of colorectal cancer by inducing tumor cell apoptosis and angiogenesis. **2022**, 154220 ○
- 95 Analyzing Indole-fused benzoxazepines as inhibitors of apoptosis pathway-related proteins using multifaceted computational medicinal chemistry. **2022**, 134541 ○

- 94 Jujing Zhuyu decoction inhibits apoptosis in rats with asthenozoospermia by regulating the mitochondrial apoptosis pathway. ○
- 93 Halogenated boroxine increases propensity to apoptosis in leukemia (UT -7) but not non-tumor cells in vitro. 1
- 92 To explore the regulatory role of Wnt/P53/Caspase3 signal in mouse ovarian development based on LFQ proteomics. **2022**, 104772 ○
- 91 The effect of mercury on the mitochondria. **2023**, 547-555 ○
- 90 Research progress on the antitumor effects of astragaloside IV. **2023**, 938, 175449 ○
- 89 Aidi injection enhances the anti-tumor impact of doxorubicin in H22 tumor-containing mice. **2023**, 303, 115968 ○
- 88 Arsenic trioxide nanoparticles carrying miRNA-499 agonist activate PI3K/Akt signaling pathway by targeting Bak1 gene to reverse myocardial ischemia reperfusion injury. **2022**, 12, 930-938 ○
- 87 Cofilin Acts as a Booster for Progression of Malignant Tumors Represented by Glioma. Volume 14, 3245-3269 ○
- 86 Inhibition of Polo-like kinase 1 (PLK1) triggers cell apoptosis via ROS-caused mitochondrial dysfunction in colorectal carcinoma. ○
- 85 Anticancer properties of red beetroot hydro-alcoholic extract and its main constituent; Betanin on colorectal cancer cell lines. ○
- 84 Identification and validation of an anoikis-related gene signature based on machine learning algorithms in esophageal squamous cell carcinoma. ○
- 83 Live imaging of apoptotic signaling flow using tunable combinatorial FRET-based bioprobes for cell population analysis of caspase cascades. **2022**, 12, ○
- 82 MicroRNAs miR-584-5p and miR-425-3p Are Up-Regulated in Plasma of Colorectal Cancer (CRC) Patients: Targeting with Inhibitor Peptide Nucleic Acids Is Associated with Induction of Apoptosis in Colon Cancer Cell Lines. **2023**, 15, 128 ○
- 81 Exploring the mechanism of MP gel against skin photoaging based on network pharmacology, molecular docking, and experimental validation. ○
- 80 Lipofectamine 2000 at transfection dose promotes EphA2 transcription in an HDAC4-dependent manner to reduce its cytotoxicity. **2022**, 8, e12118 ○
- 79 Mechanisms of Drug Resistance in Ovarian Cancer and Associated Gene Targets. **2022**, 14, 6246 ○
- 78 The multifaceted role of MUC1 in tumor therapy resistance. ○
- 77 Radiotherapy modulates tumor cell fate decisions: a review. **2022**, 17, ○

- 76 The Antimelanoma Biological Assessment of Triterpenic Acid Functionalized Gold Nanoparticles. **2023**, 28, 421 o
- 75 Bavachin induces apoptosis in colorectal cancer cells through Gadd45a via the MAPK signaling pathway. **2023**, 21, 36-46 o
- 74 Effects of tobacco on the DNA of smokers and non-smokers affected by OSCC: systematic review and meta-analysis. 37, o
- 73 Anticancer applications of phytochemicals in gastric cancer: Effects and molecular mechanism. 13, o
- 72 A novel class of C14-sulfonate-tetrandrine derivatives as potential chemotherapeutic agents for hepatocellular carcinoma. 10, o
- 71 Review and Chemoinformatic Analysis of Ferroptosis Modulators with a Focus on Natural Plant Products. **2023**, 28, 475 1
- 70 Depsipeptides Targeting Tumor Cells: Milestones from In Vitro to Clinical Trials. **2023**, 28, 670 o
- 69 A Mulberry Diels-Alder-Type Adduct, Kuwanon M, Triggers Apoptosis and Paraptosis of Lung Cancer Cells through Inducing Endoplasmic Reticulum Stress. **2023**, 24, 1015 o
- 68 MAPK Cascade Signaling Is Involved in MMC Induced Growth Inhibition of Multiple Myeloma MM.1S Cells via G2 Arrest and Mitochondrial-Pathway-Dependent Apoptosis In Vitro. **2023**, 16, 124 o
- 67 A prospective strategy leveraging nanomedicine for cancer therapy: Pouring ferroptosis on apoptosis. **2023**, 48, 101740 o
- 66 Chrysophanol-Induced Autophagy Disrupts Apoptosis via the PI3K/Akt/mTOR Pathway in Oral Squamous Cell Carcinoma Cells. **2023**, 59, 42 o
- 65 The sirtuin family in health and disease. **2022**, 7, 1
- 64 Identification of Lignan Compounds as New 6-Phosphogluconate Dehydrogenase Inhibitors for Lung Cancer. **2023**, 13, 34 o
- 63 NRF2 in Cancer: Cross-Talk with Oncogenic Pathways and Involvement in Gammaherpesvirus-Driven Carcinogenesis. **2023**, 24, 595 2
- 62 Effectiveness of an Online + in-person hybrid model for an undergraduate molecular biology lab during COVID -19. o
- 61 Occurrence of late-apoptotic symptoms in porcine preimplantation embryos upon exposure of oocytes to perfluoroalkyl substances (PFASs) under in vitro meiotic maturation. **2022**, 17, e0279551 o
- 60 Low expression of the dynamic network markers FOS/JUN in pre-deteriorated epithelial cells is associated with the progression of colorectal adenoma to carcinoma. **2023**, 21, o
- 59 Tanshinone IIA and hepatocellular carcinoma: A potential therapeutic drug. 13, o

- 58 Inhibition of mycobacteria proliferation in macrophages by low cisplatin concentration through phosphorylated p53-related apoptosis pathway. **2023**, 18, e0281170 ○
- 57 Contribution of Nischarin/IRAS in CNS development, injury and diseases. **2023**, ○
- 56 The Effect of Silica Nanoparticles (SiNPs) on Cytotoxicity, Induction of Oxidative Stress and Apoptosis in Breast Cancer Cell Lines. **2023**, 24, 2037 ○
- 55 The Assessment of the Phototoxic Action of Chlortetracycline and Doxycycline as a Potential Treatment of Melanotic MelanomaBiochemical and Molecular Studies on COLO 829 and G-361 Cell Lines. **2023**, 24, 2353 ○
- 54 Production, nanoformulation, and potential anticancer effect of camptothecin metabolites from biomass of *Aspergillus niger*. ○
- 53 Super-enhancer landscape rewiring in cancer: The epigenetic control at distal sites. **2023**, ○
- 52 Inhibitor of apoptosis proteins as therapeutic targets in bladder cancer. 13, ○
- 51 Ran GTPase and Its Importance in Cellular Signaling and Malignant Phenotype. **2023**, 24, 3065 ○
- 50 Targeting mitochondria as a potential therapeutic strategy against chemoresistance in cancer. **2023**, 160, 114398 ○
- 49 Artificial intelligence and nanotechnology for cervical cancer treatment: Current status and future perspectives. **2023**, 83, 104392 ○
- 48 Non-coding RNAs in radiotherapy resistance: Roles and therapeutic implications in gastrointestinal cancer. **2023**, 161, 114485 ○
- 47 Discovery of novel (E)-1-methyl-9-(3-methylbenzylidene)-6,7,8,9-tetrahydropyrazolo[3,4-d]pyrido[1,2-a]pyrimidin-4(1H)-one as DDR2 kinase inhibitor: Synthesis, molecular docking, and anticancer properties. **2023**, 135, 106506 ○
- 46 Basic research on curcumin in cervical cancer: Progress and perspectives. **2023**, 162, 114590 ○
- 45 Quercetin modulates signal transductions and targets non-coding RNAs against cancer development. **2023**, 107, 110667 ○
- 44 <i>Desmarestia anceps</i> Montagne (Phaeophyceae) against Colorectal Cancer Cells: Cytotoxic Activity and Proapoptotic Effects. **2022**, 12, 228-245 ○
- 43 Effects of *Cryptocaryon irritans* infection on the histopathology, oxidative stress, immune response, and intestinal microbiota in the orange-spotted grouper *Epinephelus coioides*. **2023**, 133, 108562 ○
- 42 The amoebicidal effect of *Torreyia nucifera* extract on *Acanthamoeba lugdunensis*. **2023**, 18, e0281141 ○
- 41 Ligustilide induces apoptosis and reduces proliferation in human bladder cancer cells by NFB1 and mitochondria pathway. ○

- 40 The Role of Silver Nanoparticles in the Diagnosis and Treatment of Cancer: Are There Any Perspectives for the Future?. **2023**, 13, 466 1
- 39 Advances in mechanism and regulation of PANoptosis: Prospects in disease treatment. 14, 0
- 38 Molecular Aspects of Hypoxic Stress Effects in Chronic Ethanol Exposure of Neuronal Cells. **2023**, 45, 1655-1680 0
- 37 A Review of Medicinal Plants with Renoprotective Activity in Diabetic Nephropathy Animal Models. **2023**, 13, 560 1
- 36 A literature review of microRNA and gene signaling pathways involved in the apoptosis pathway of lung cancer. **2023**, 24, 0
- 35 Inhibition of Polo-like kinase 1 (PLK1) triggers cell apoptosis via ROS-caused mitochondrial dysfunction in colorectal carcinoma. 0
- 34 The mechanism of programmed death and endoplasmic reticulum stress in pulmonary hypertension. **2023**, 9, 0
- 33 The double-edged functions of necroptosis. **2023**, 14, 0
- 32 Attenuated Dengue Virus PV001-DV Induces Oncolytic Tumor Cell Death and Potent Immune Responses. 0
- 31 Cyclophilin A Inhibitors Suppress Proliferation and Induce Apoptosis of MKN45 Gastric Cancer Stem-like Cells by Regulating CypA/CD147-Mediated Signaling Pathway. **2023**, 24, 4734 0
- 30 The tumor suppressor role and ceRNA network of miR-1294 in cancer. **2023**, 31, 1-12 0
- 29 Ubiquitin-Specific Proteases as Potential Therapeutic Targets in Bladder Cancer: In Vitro Evaluation of Degrasyn and PR-619 Activity Using Human and Canine Models. **2023**, 11, 759 0
- 28 Natural and synthetic compounds for glioma treatment based on ROS-mediated strategy. **2023**, 175537 0
- 27 HIPK2 in Angiogenesis: A Promising Biomarker in Cancer Progression and in Angiogenic Diseases. **2023**, 15, 1566 0
- 26 Nitrovin (difurazone), an antibacterial growth promoter, induces ROS-mediated paraptosis-like cell death by targeting thioredoxin reductase 1 (TrxR1). **2023**, 210, 115487 0
- 25 Effective anticancer agents based-on two Pillar[5]arene derivatives for pancreas cancer cell lines: synthesis, apoptotic effect, caspase pathway. 0
- 24 The Role of Regulated Programmed Cell Death in Osteoarthritis: From Pathogenesis to Therapy. **2023**, 24, 5364 0
- 23 Giardia duodenalis-induced G0/G1 intestinal epithelial cell cycle arrest and apoptosis involve activation of endoplasmic reticulum stress in vitro. 14, 0

- 22 Combined treatment with *Prunella vulgaris* and *Radix bupleuri* activated the Bax/Bcl-2 and Caspase-3 signal pathways in papillary thyroid carcinoma cells. 1-12 ○
- 21 Quercetin and Its Nano-Formulations for Brain Tumor Therapy: Current Developments and Future Perspectives for Paediatric Studies. **2023**, 15, 963 ○
- 20 Drug repurposing for viral cancers: A paradigm of machine learning, deep learning, and virtual screening-based approaches. **2023**, 95, ○
- 19 The Potency of Chitosan-Based *Moringa oleifera* Leaves Extract Nanoparticles as Anti-Cancer Agent. **2023**, 35-40 ○
- 18 Anticancer activity of lycopene in HT-29 colon cancer cell line. **2023**, 40, ○
- 17 Current Understanding of Flavonoids in Cancer Therapy and Prevention. **2023**, 13, 481 ○
- 16 Application of a novel multicomponent nanoemulsion to tumor therapy Based on the theory of Unification of drugs and excipients 1-12 ○
- 15 Novel Insights in the Potential of Halogenated Polyketide Peptide Molecules as Lead Compounds in Cancer Drug Discovery. **2023**, 24, 6208 ○
- 14 Clinical antitumor application and pharmacological mechanisms of Dahuang Zhechong Pill. **2023**, ○
- 13 The roles of protocadherin-7 in colorectal cancer cells on cell proliferation and its chemoresistance. 14, ○
- 12 Spermidine as a promising anticancer agent: Recent advances and newer insights on its molecular mechanisms. 11, ○
- 11 Lnc-ing epigenetic mechanisms with autophagy and cancer drug resistance. **2023**, ○
- 10 Potential bioactivities via anticancer, antioxidant, and immunomodulatory properties of cultured mycelial enriched β -D-glucan polysaccharides from a novel fungus *Ophiocordyceps sinensis* OS8. 14, ○
- 9 Multiple regulatory roles of the transfer RNA-derived small RNAs in cancers. **2023**, ○
- 8 Combination Therapy of Radiation and Hyperthermia, Focusing on the Synergistic Anti-Cancer Effects and Research Trends. **2023**, 12, 924 ○
- 7 Copper metabolism in cell death and autophagy. 1-21 ○
- 6 Formulation and evaluation of a two-stage targeted liposome coated with hyaluronic acid for improving lung cancer chemotherapy and overcoming multidrug resistance. 1-20 ○
- 5 Developing an Anticancer Platinum(II) Compound Based on the Uniqueness of Human Serum Albumin. ○

- 4 Effect of doramectin on programmed cell death pathway in glioma cells. o
- 3 A concise review on miRNAs as regulators of colon cancer stem cells and associated signalling pathways. o
- 2 KIF15 knockdown inhibits the development of endometrial cancer by suppressing epithelial-mesenchymal transition and stemness through Wnt/ β -catenin signaling. o
- 1 Versatile Platinum(IV) Prodrugs of Naproxen and Acemetacin as Chemo-Anti-Inflammatory Agents. **2023**, 15, 2460 o