Control of apoptosis by the BCL-2 protein family: implie

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Citation Report

#	Article	IF	CITATIONS
1	α-Mangostin from Cratoxylum arborescens demonstrates apoptogenesis in MCF-7 with regulation of NF-κB and Hsp70 protein modulation in vitro, and tumor reduction in vivo. Drug Design, Development and Therapy, 2014, 8, 1629.	2.0	23
2	Matrix Metalloproteinase-9 Is Involved in Chronic Lymphocytic Leukemia Cell Response to Fludarabine and Arsenic Trioxide. PLoS ONE, 2014, 9, e99993.	1.1	10
3	Knockdown of EpCAM Enhances the Chemosensitivity of Breast Cancer Cells to 5-fluorouracil by Downregulating the Antiapoptotic Factor Bcl-2. PLoS ONE, 2014, 9, e102590.	1.1	28
4	TNFR1-dependent cell death drives inflammation in Sharpin-deficient mice. ELife, 2014, 3, .	2.8	232
5	Anti-apoptotic BCL-2 family proteins in acute neural injury. Frontiers in Cellular Neuroscience, 2014, 8, 281.	1.8	71
6	Short hairpin RNA-mediated down-regulation of CENP-A attenuates the aggressive phenotype of lung adenocarcinoma cells. Cellular Oncology (Dordrecht), 2014, 37, 399-407.	2.1	21
7	Impact of conditional deletion of the pro-apoptotic BCL-2 family member BIM in mice. Cell Death and Disease, 2014, 5, e1446-e1446.	2.7	25
8	miR-491-5p-induced apoptosis in ovarian carcinoma depends on the direct inhibition of both BCL-XL and EGFR leading to BIM activation. Cell Death and Disease, 2014, 5, e1445-e1445.	2.7	91
9	The ratio of Mcl-1 and Noxa determines ABT737 resistance in squamous cell carcinoma of the skin. Cell Death and Disease, 2014, 5, e1412-e1412.	2.7	26
10	Transformations of the macromolecular landscape at mitochondria during DNA-damage-induced apoptotic cell death. Cell Death and Disease, 2014, 5, e1453-e1453.	2.7	27
11	Conformational Rearrangements in the Pro-apoptotic Protein, Bax, as It Inserts into Mitochondria. Journal of Biological Chemistry, 2014, 289, 32871-32882.	1.6	61
12	The elimination of miR-23a in heat-stressed cells promotes NOXA-induced cell death and is prevented by HSP70. Cell Death and Disease, 2014, 5, e1546-e1546.	2.7	24
13	Loss of Bak enhances lymphocytosis but does not ameliorate thrombocytopaenia in BCL-2 transgenic mice. Cell Death and Differentiation, 2014, 21, 676-684.	5.0	16
14	The p38 MAPK-regulated PKD1/CREB/Bcl-2 pathway contributes to selenite-induced colorectal cancer cell apoptosis in vitro and in vivo. Cancer Letters, 2014, 354, 189-199.	3.2	65
15	Glutathione: new roles in redox signaling for an old antioxidant. Frontiers in Pharmacology, 2014, 5, 196.	1.6	571
16	The role of APE/Ref-1 signaling pathway in hepatocellular carcinoma progression. International Journal of Oncology, 2014, 45, 1820-1828.	1.4	7
17	Detection of self-reactive CD8 ⁺ T cells with an anergic phenotype in healthy individuals. Science, 2014, 346, 1536-1540.	6.0	162
18	ER-stress and apoptosis: molecular mechanisms and potential relevance in infection. Microbes and Infection, 2014, 16, 805-810.	1.0	17

#	Article	IF	CITATIONS
19	Apoptotic pore formation is associated with in-plane insertion of Bak or Bax central helices into the mitochondrial outer membrane. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4076-85.	3.3	111
20	Caspases: A Molecular Switch Node in the Crosstalk between Autophagy and Apoptosis. International Journal of Biological Sciences, 2014, 10, 1072-1083.	2.6	221
21	The cell death response to enteropathogenicEscherichia coliinfection. Cellular Microbiology, 2014, 16, 1736-1745.	1.1	21
23	X-Linked Inhibitor of Apoptosis Protein ââ,¬â€œ A Critical Death Resistance Regulator and Therapeutic Target for Personalized Cancer Therapy. Frontiers in Oncology, 2014, 4, 197.	1.3	191
24	Mcl-1 Ubiquitination: Unique Regulation of an Essential Survival Protein. Cells, 2014, 3, 418-437.	1.8	149
25	Melatonin Sensitizes H1975 Non-Small-Cell Lung Cancer Cells Harboring a T790M-Targeted Epidermal Growth Factor Receptor Mutation to the Tyrosine Kinase Inhibitor Gefitinib. Cellular Physiology and Biochemistry, 2014, 34, 865-872.	1.1	42
26	Targeting BCL2 for the Treatment of Lymphoid Malignancies. Seminars in Hematology, 2014, 51, 219-227.	1.8	130
27	Co-Crystallization with Conformation-Specific Designed Ankyrin Repeat Proteins Explains the Conformational Flexibility of BCL-W. Journal of Molecular Biology, 2014, 426, 2346-2362.	2.0	15
28	A dual role for the anti-apoptotic Bcl-2 protein in cancer: Mitochondria versus endoplasmic reticulum. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2240-2252.	1.9	170
29	Mitochondrial alterations in apoptosis. Chemistry and Physics of Lipids, 2014, 181, 62-75.	1.5	142
30	Structural Model of Active Bax at the Membrane. Molecular Cell, 2014, 56, 496-505.	4.5	190
31	Editorial overview: Cancer: From target discovery to targeted therapy: the risky business of target validation. Current Opinion in Pharmacology, 2014, 17, iv-vi.	1.7	O
32	Lipid-Dependent Bimodal MCL1 Membrane Activity. ACS Chemical Biology, 2014, 9, 2852-2863.	1.6	10
33	Mitochondria and redox homoeostasis as chemotherapeutic targets. Biochemical Society Transactions, 2014, 42, 939-944.	1.6	23
34	Stop competing, start talking!. EMBO Journal, 2014, 33, 1849-1851.	3.5	5
35	Mitochondrial function/dysfunction in white adipose tissue. Experimental Physiology, 2014, 99, 1168-1178.	0.9	112
36	Redox controls UPR to control redox. Journal of Cell Science, 2014, 127, 3649-58.	1.2	136
37	BIM Is the Primary Mediator of MYC-Induced Apoptosis in Multiple Solid Tissues. Cell Reports, 2014, 8, 1347-1353.	2.9	64

#	Article	IF	Citations
38	Senescence and apoptosis: dueling or complementary cell fates?. EMBO Reports, 2014, 15, 1139-1153.	2.0	643
39	Bak Core and Latch Domains Separate during Activation, and Freed Core Domains Form Symmetric Homodimers. Molecular Cell, 2014, 55, 938-946.	4.5	140
40	IAP Family of Cell Death and Signaling Regulators. Methods in Enzymology, 2014, 545, 35-65.	0.4	103
41	Discovery of a Potent and Selective BCL-X _L Inhibitor with <i>in Vivo</i> Activity. ACS Medicinal Chemistry Letters, 2014, 5, 1088-1093.	1.3	242
42	Targeting the intrinsic apoptosis pathway as a strategy for melanoma therapy. Pigment Cell and Melanoma Research, 2014, 27, 525-539.	1.5	53
43	MLKL Compromises Plasma Membrane Integrity by Binding to Phosphatidylinositol Phosphates. Cell Reports, 2014, 7, 971-981.	2.9	656
44	Functions of the C-terminal domains of apoptosis-related proteins of the Bcl-2 family. Chemistry and Physics of Lipids, 2014, 183, 77-90.	1.5	40
45	MCL-1 but not BCL-XL is critical for the development and sustained expansion of thymic lymphoma in p53-deficient mice. Blood, 2014, 124, 3939-3946.	0.6	43
46	Plasmacytomagenesis in Eî $\frac{1}{4}$ -v-abl transgenic mice is accelerated when apoptosis is restrained. Blood, 2014, 124, 1099-1109.	0.6	11
47	Gossypol induces apoptosis in multiple myeloma cells by inhibition of interleukin-6 signaling and Bcl-2/Mcl-1 pathway. International Journal of Oncology, 2014, 45, 2778-2286.	1.4	29
48	Effect of metformin on apoptosis, cell cycle arrest migration and invasion of A498 cells. Molecular Medicine Reports, 2014, 9, 2251-2256.	1.1	15
49	A preliminary study of the effect of ECRG4 overexpression on the proliferation and apoptosis of human laryngeal cancer cells and the underlying mechanisms. Molecular Medicine Reports, 2015, 12, 5058-5064.	1.1	19
50	TTP mediates cisplatin-induced apoptosis of head and neck cancer cells by down-regulating the expression of <i>Bcl-2</i> . Journal of Chemotherapy, 2015, 27, 174-180.	0.7	17
51	Structural transition in Bcl-xL and its potential association with mitochondrial calcium ion transport. Scientific Reports, 2015, 5, 10609.	1.6	17
52	Pachymic acid protects H9c2 cardiomyocytes from lipopolysaccharide-induced inflammation and apoptosis by inhibiting the extracellular signal-regulated kinase $1/2$ and p38 pathways. Molecular Medicine Reports, 2015, 12, 2807-2813.	1.1	25
53	The effect of BIM deletion polymorphism on intrinsic resistance and clinical outcome of cancer patient with kinase inhibitor therapy. Scientific Reports, 2015, 5, 11348.	1.6	23
54	Deletion of Cyclophilin D Impairs β-Oxidation and Promotes Glucose Metabolism. Scientific Reports, 2015, 5, 15981.	1.6	34
55	Antagonism between MCL-1 and PUMA governs stem/progenitor cell survival during hematopoietic recovery from stress. Blood, 2015, 125, 3273-3280.	0.6	36

#	Article	IF	CITATIONS
56	Bilberry extract (Antho 50) selectively induces redox-sensitive caspase 3-related apoptosis in chronic lymphocytic leukemia cells by targeting the Bcl-2/Bad pathway. Scientific Reports, 2015, 5, 8996.	1.6	39
57	Impact of the combined loss of BOK, BAX and BAK on the hematopoietic system is slightly more severe than compound loss of BAX and BAK. Cell Death and Disease, 2015, 6, e1938-e1938.	2.7	30
58	FGFR1 inhibition in lung squamous cell carcinoma: questions and controversies. Cell Death Discovery, 2015, 1, 15049.	2.0	37
59	Quantitative mRNA expression analysis of selected genes in patients with early-stage hypothyroidism induced by treatment with iodine-131. Molecular Medicine Reports, 2015, 12, 7673-7680.	1.1	4
60	Harnessing the apoptotic programs in cancer stemâ€like cells. EMBO Reports, 2015, 16, 1084-1098.	2.0	53
61	NES1/KLK10 gene represses proliferation, enhances apoptosis and down-regulates glucose metabolism of PC3 prostate cancer cells. Scientific Reports, 2015, 5, 17426.	1.6	35
62	Metabolic reprogramming in cancer cells: glycolysis, glutaminolysis, and Bcl-2 proteins as novel therapeutic targets for cancer. World Journal of Surgical Oncology, 2015, 14, 15.	0.8	107
63	Inhibition of MCLâ€1 by obatoclax sensitizes Sp2/0â€Ag14 hybridoma cells to glutamine deprivationâ€induced apoptosis. Cell Biochemistry and Function, 2015, 33, 334-340.	1.4	2
64	Expression of Ki-67 and Bcl-2 in abortion material. Egyptian Journal of Pathology, 2015, 35, 139-143.	0.0	0
65	DKK1 is a potential novel mediator of cisplatin-refractoriness in non-small cell lung cancer cell lines. BMC Cancer, 2015, 15, 628.	1.1	23
66	Macrocalyxin A inhibits proliferation and induces apoptosis of t (8;21) leukemia cells through mitochondrial signaling pathways and regulates AML-ETO mRNA expression. Molecular Medicine Reports, 2015, 12, 3537-3542.	1.1	2
67	Apoptosis and reduced microvascular density of the lamina propria during tooth eruption in rats. Journal of Anatomy, 2015, 227, 487-496.	0.9	10
68	Repurposing apoptosis-inducing cancer drugs to treat schistosomiasis. Future Medicinal Chemistry, 2015, 7, 707-711.	1.1	10
69	MnTMâ€4â€PyP Modulates Endogenous Antioxidant Responses and Protects Primary Cortical Neurons against Oxidative Stress. CNS Neuroscience and Therapeutics, 2015, 21, 435-445.	1.9	5
70	Bh3 induced conformational changes in <scp>B</scp> clâ€ <scp>X</scp> _I revealed by crystal structure and comparative analysis. Proteins: Structure, Function and Bioinformatics, 2015, 83, 1262-1272.	1.5	35
71	Overexpression of B7-H3 augments anti-apoptosis of colorectal cancer cells by Jak2-STAT3. World Journal of Gastroenterology, 2015, 21, 1804.	1.4	67
72	Influence of the Paracoccidioides brasiliensis14-3-3 and gp43 proteins on the induction of apoptosis in A549 epithelial cells. Memorias Do Instituto Oswaldo Cruz, 2015, 110, 476-484.	0.8	26
73	Structure and Potential Cellular Targets of HAMLET-like Anti-Cancer Compounds made from Milk Components. Journal of Pharmacy and Pharmaceutical Sciences, 2015, 18, 773.	0.9	21

#	ARTICLE	IF	Citations
74	Dual targeting of microtubule and topoisomerase II by \hat{l}_{\pm} -carboline derivative YCH337 for tumor proliferation and growth inhibition. Oncotarget, 2015, 6, 8960-8973.	0.8	35
75	A Natural Triterpene Derivative from Euphorbia kansui Inhibits Cell Proliferation and Induces Apoptosis against Rat Intestinal Epithelioid Cell Line in Vitro. International Journal of Molecular Sciences, 2015, 16, 18956-18975.	1.8	27
76	Silencing of Kv1.5 Gene Inhibits Proliferation and Induces Apoptosis of Osteosarcoma Cells. International Journal of Molecular Sciences, 2015, 16, 26914-26926.	1.8	18
77	Omega-3 Polyunsaturated Fatty Acids Trigger Cell Cycle Arrest and Induce Apoptosis in Human Neuroblastoma LA-N-1 Cells. Nutrients, 2015, 7, 6956-6973.	1.7	49
78	Hepatocyte growth factor mimetic protects lateral line hair cells from aminoglycoside exposure. Frontiers in Cellular Neuroscience, 2015, 9, 3.	1.8	13
79	The Sound of Silence. Current Topics in Developmental Biology, 2015, 114, 241-265.	1.0	55
81	A computational and functional study elicits the ameliorating effect of the Chinese herbal formula Huo Luo Xiao Ling Dan on experimental ischemia-induced myocardial injury in rats via inhibition of apoptosis. Drug Design, Development and Therapy, 2015, 9, 1063.	2.0	10
82	Apoptosis-Induction is A Novel Therapeutic Strategy for Gastrointestinal and Liver Cancers. Current Gene Therapy, 2015, 15, 193-200.	0.9	9
83	Cytogenetic Study and Analysis of Protein Expression in Plasma Cell Myeloma with $t(11;14)(q13;q32)$: Absence of BCL6 and SOX11, and Infrequent Expression of CD20 and PAX5. Journal of Clinical and Experimental Hematopathology: JCEH, 2015, 55, 137-143.	0.3	3
84	Esculetin, a coumarin derivative, exerts in vitro and in vivo antiproliferative activity against hepatocellular carcinoma by initiating a mitochondrial-dependent apoptosis pathway. Brazilian Journal of Medical and Biological Research, 2015, 48, 245-253.	0.7	55
85	Combining Paclitaxel with ABT-263 Has a Synergistic Effect on Paclitaxel Resistant Prostate Cancer Cells. PLoS ONE, 2015, 10, e0120913.	1.1	23
86	Down-Regulation of Deacetylase HDAC6 Inhibits the Melanoma Cell Line A375.S2 Growth through ROS-Dependent Mitochondrial Pathway. PLoS ONE, 2015, 10, e0121247.	1.1	34
87	Mitochondrial Profiling of Acute Myeloid Leukemia in the Assessment of Response to Apoptosis Modulating Drugs. PLoS ONE, 2015, 10, e0138377.	1,1	21
88	RelA-Induced Interferon Response Negatively Regulates Proliferation. PLoS ONE, 2015, 10, e0140243.	1.1	16
89	The tissue dependent interactions between p53 and Bcl-2 <i>iin vivo</i> . Oncotarget, 2015, 6, 35699-35709.	0.8	13
90	In VitroandIn VivoAntitumor Effects of n-Butanol Extracts ofPterocephalus hookerion Hep3B Cancer Cell. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-10.	0.5	5
91	Targeting the Mitotic Catastrophe Signaling Pathway in Cancer. Mediators of Inflammation, 2015, 2015, 1-13.	1.4	148
92	Lipotoxic Stress Induces Pancreatic $\langle i \rangle \hat{l}^2 \langle i \rangle$ -Cell Apoptosis through Modulation of Bcl-2 Proteins by the Ubiquitin-Proteasome System. Journal of Diabetes Research, 2015, 2015, 1-16.	1.0	33

#	ARTICLE	IF	CITATIONS
93	Posttranscriptional Regulation of Splicing Factor SRSF1 and Its Role in Cancer Cell Biology. BioMed Research International, 2015, 2015, 1-10.	0.9	39
94	Metformin combined with aspirin significantly inhibit pancreatic cancer cell growth <i>in vitro</i> and <i>in vivo</i> by suppressing anti-apoptotic proteins Mcl-1 and Bcl-2. Oncotarget, 2015, 6, 21208-21224.	0.8	87
95	Mitochondria and apoptosis: emerging concepts. F1000prime Reports, 2015, 7, 42.	5.9	69
96	Mechanisms of microcystin-LR-induced cytoskeletal disruption in animal cells. Toxicon, 2015, 101, 92-100.	0.8	74
97	Bid chimeras indicate that most BH3-only proteins can directly activate Bak and Bax, and show no preference for Bak versus Bax. Cell Death and Disease, 2015, 6, e1735-e1735.	2.7	76
98	In vivo CaspaseTracker biosensor system for detecting anastasis and non-apoptotic caspase activity. Scientific Reports, 2015, 5, 9015.	1.6	92
99	Combining a BCL2 Inhibitor with the Retinoid Derivative Fenretinide Targets Melanoma Cells Including Melanoma Initiating Cells. Journal of Investigative Dermatology, 2015, 135, 842-850.	0.3	30
100	p,p′-Dichlorodiphenyltrichloroethane inhibits the apoptosis of colorectal adenocarcinoma DLD1 cells through PI3K/AKT and Hedgehog/Gli1 signaling pathways. Toxicology Research, 2015, 4, 1214-1224.	0.9	2
101	Dihydromyricetin protects endothelial cells from hydrogen peroxide-induced oxidative stress damage by regulating mitochondrial pathways. Life Sciences, 2015, 130, 38-46.	2.0	106
102	The effect of caffeine on cisplatin-induced apoptosis of lung cancer cells. Experimental Hematology and Oncology, 2015, 4, 5.	2.0	32
103	ABT737 enhances cholangiocarcinoma sensitivity to cisplatin through regulation of mitochondrial dynamics. Experimental Cell Research, 2015, 335, 68-81.	1.2	31
104	Arsenic trioxide rewires mantle cell lymphoma response toÂbortezomib. Cancer Medicine, 2015, 4, 1754-1766.	1.3	7
105	Emerging roles of apoptotic microtubules during the execution phase of apoptosis. Cytoskeleton, 2015, 72, 435-446.	1.0	15
106	Synergistic killing of human small cell lung cancer cells by the Bcl-2-inositol 1,4,5-trisphosphate receptor disruptor BIRD-2 and the BH3-mimetic ABT-263. Cell Death and Disease, 2015, 6, e2034-e2034.	2.7	44
107	Cell aggregation increases drug resistance of acute myeloid leukemia cells. Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 2015, 9, 135-143.	0.3	1
108	N-acetyl-S-(p-chlorophenylcarbamoyl)cysteine induces mitochondrial-mediated apoptosis and suppresses migration in melanoma cells. Oncology Reports, 2015, 34, 2547-2556.	1.2	7
109	Antisense- and siRNA-mediated inhibition of the anti-apoptotic gene Bcl-xL for chemosensitization of bladder cancer cells. International Journal of Oncology, 2015, 47, 1121-1130.	1.4	9
110	Downregulation of Notch1 induces apoptosis and inhibits cell proliferation and metastasis in laryngeal squamous cell carcinoma. Oncology Reports, 2015, 34, 3111-3119.	1.2	28

#	Article	IF	CITATIONS
111	Overexpression of the regulator of G-protein signaling 5 reduces the survival rate and enhances the radiation response of human lung cancer cells. Oncology Reports, 2015, 33, 2899-2907.	1.2	16
112	RIPK1 and RIPK3: critical regulators of inflammation and cell death. Trends in Cell Biology, 2015, 25, 347-353.	3.6	249
113	Thymoquinone, a bioactive component of Nigella sativa Linn seeds or traditional spice, attenuates acute hepatic failure and blocks apoptosis via the MAPK signaling pathway in mice. RSC Advances, 2015, 5, 7285-7290.	1.7	6
114	CCR9–CCL25 interaction suppresses apoptosis of lung cancer cells by activating the PI3K/Akt pathway. Medical Oncology, 2015, 32, 66.	1.2	41
115	Downregulated TIPE2 is associated with poor prognosis and promotes cell proliferation in non-small cell lung cancer. Biochemical and Biophysical Research Communications, 2015, 457, 43-49.	1.0	37
116	BH3 Inhibitor Sensitivity and Bcl-2 Dependence in Primary Acute Lymphoblastic Leukemia Cells. Cancer Research, 2015, 75, 1366-1375.	0.4	79
117	Vaccinia Virus Protein A49 Is an Unexpected Member of the B-cell Lymphoma (Bcl)-2 Protein Family. Journal of Biological Chemistry, 2015, 290, 5991-6002.	1.6	49
118	The role of BH3-only proteins in apoptosis within the ovary. Reproduction, 2015, 149, R81-R89.	1.1	59
119	Potent and selective small-molecule MCL-1 inhibitors demonstrate on-target cancer cell killing activity as single agents and in combination with ABT-263 (navitoclax). Cell Death and Disease, 2015, 6, e1590-e1590.	2.7	383
120	Germinal centres and B cell lymphomagenesis. Nature Reviews Immunology, 2015, 15, 172-184.	10.6	375
121	Low expression of long noncoding RNA PANDAR predicts a poor prognosis of non-small cell lung cancer and affects cell apoptosis by regulating Bcl-2. Cell Death and Disease, 2015, 6, e1665-e1665.	2.7	148
122	Anti-carcinogenic effects of the phenolic-rich extract from abnormal Savda Munziq in association with its cytotoxicity, apoptosis-inducing properties and telomerase activity in human cervical cancer cells (SiHa). BMC Complementary and Alternative Medicine, 2015, 15, 23.	3.7	17
123	Die for the community: an overview of programmed cell death in bacteria. Cell Death and Disease, 2015, 6, e1609-e1609.	2.7	169
124	PI3K-independent mTOR activation promotes lapatinib resistance and IAP expression that can be effectively reversed by mTOR and Hsp90 inhibition. Cancer Biology and Therapy, 2015, 16, 402-411.	1.5	44
125	Regulation of mitochondrial nutrient and energy metabolism by BCL-2 family proteins. Trends in Endocrinology and Metabolism, 2015, 26, 165-175.	3.1	71
126	Acquiring snapshots of the orientation of transâ€membrane protein domains using a hybrid FRET pair. FEBS Letters, 2015, 589, 885-889.	1.3	4
127	Long-term expression pattern of melanocyte markers in light- and dark-pigmented dermo-epidermal cultured human skin substitutes. Pediatric Surgery International, 2015, 31, 69-76.	0.6	11
128	MicroRNA Expression Profile of Neural Progenitor-Like Cells Derived from Rat Bone Marrow Mesenchymal Stem Cells under the Influence of IGF-1, bFGF and EGF. International Journal of Molecular Sciences, 2015, 16, 9693-9718.	1.8	33

#	Article	IF	CITATIONS
129	Dissociation of Bak $\hat{l}\pm 1$ helix from the core and latch domains is required for apoptosis. Nature Communications, 2015, 6, 6841.	5.8	48
130	Helix mimetics: Recent developments. Progress in Biophysics and Molecular Biology, 2015, 119, 33-40.	1.4	27
131	Arsenic trioxide synergistically potentiates the cytotoxic effect of fludarabine in chronic lymphocytic leukemia cells by further inactivating the Akt and ERK signaling pathways. Biochemical and Biophysical Research Communications, 2015, 461, 243-248.	1.0	12
132	Expression of the vault RNA protects cells from undergoing apoptosis. Nature Communications, 2015, 6, 7030.	5.8	64
133	Folding and function in $\hat{l}\pm\hat{l}^2$ -peptides: targets and therapeutic applications. Current Opinion in Chemical Biology, 2015, 28, 75-82.	2.8	31
134	<i>miR-634</i> Activates the Mitochondrial Apoptosis Pathway and Enhances Chemotherapy-Induced Cytotoxicity. Cancer Research, 2015, 75, 3890-3901.	0.4	50
135	NF- $\hat{\mathbb{P}}$ B-dependent and -independent epigenetic modulation using the novel anti-cancer agent DMAPT. Cell Death and Disease, 2015, 6, e1608-e1608.	2.7	48
136	Selective cancer-killing ability of metal-based nanoparticles: implications for cancer therapy. Archives of Toxicology, 2015, 89, 1895-1907.	1.9	45
137	A Time to Kill: Targeting Apoptosis in Cancer. International Journal of Molecular Sciences, 2015, 16, 2942-2955.	1.8	226
138	Oxidative Stress-Mediated Apoptosis Induced by Ethanolic Mango Seed Extract in Cultured Estrogen Receptor Positive Breast Cancer MCF-7 Cells. International Journal of Molecular Sciences, 2015, 16, 3528-3536.	1.8	31
139	ERK2 Mediates Metabolic Stress Response to Regulate Cell Fate. Molecular Cell, 2015, 59, 382-398.	4.5	84
140	Myeloid cell leukemia-1 is an important apoptotic survival factor in triple-negative breast cancer. Cell Death and Differentiation, 2015, 22, 2098-2106.	5.0	87
141	Factors that Determine Sensitivity and Resistances of Tumor Cells Towards Antibody-Targeted Protein Toxins. Resistance To Targeted Anti-cancer Therapeutics, 2015, , 57-73.	0.1	1
142	Adaptive Mitochondrial Reprogramming and Resistance to PI3K Therapy. Journal of the National Cancer Institute, 2015, 107, .	3.0	91
143	Broad targeting of resistance to apoptosis in cancer. Seminars in Cancer Biology, 2015, 35, S78-S103.	4.3	535
144	The BCL2 Family: Key Mediators of the Apoptotic Response to Targeted Anticancer Therapeutics. Cancer Discovery, 2015, 5, 475-487.	7.7	501
145	Die-hard survivors: heterogeneity in apoptotic thresholds may underlie chemoresistance. Expert Review of Anticancer Therapy, 2015, 15, 277-281.	1.1	8
146	Review of microRNA in osteosarcoma and chondrosarcoma. Medical Oncology, 2015, 32, 613.	1.2	54

#	Article	IF	CITATIONS
147	Exploiting selective BCL-2 family inhibitors to dissect cell survival dependencies and define improved strategies for cancer therapy. Science Translational Medicine, 2015, 7, 279ra40.	5.8	430
148	Emerging understanding of Bcl-2 biology: Implications for neoplastic progression and treatment. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1658-1671.	1.9	122
149	Combined treatment of carfilzomib and z-VAD-fmk inhibits skeletal proteolysis and apoptosis and ameliorates cancer cachexia. Medical Oncology, 2015, 32, 100.	1.2	10
150	Induction of apoptosis and oxidative stress in estrogen receptor-negative breast cancer, MDA-MB231 cells, by ethanolic mango seed extract. BMC Complementary and Alternative Medicine, 2015, 15, 45.	3.7	20
151	Targeting Mcl-1 for Radiosensitization of Pancreatic Cancers. Translational Oncology, 2015, 8, 47-54.	1.7	25
152	The BCL-2 protein family, BH3-mimetics and cancer therapy. Cell Death and Differentiation, 2015, 22, 1071-1080.	5.0	405
153	Alternative Treatments For Melanoma: Targeting BCL-2 Family Members to De-Bulk and Kill Cancer Stem Cells. Journal of Investigative Dermatology, 2015, 135, 2155-2161.	0.3	38
154	Microscopy of Model Membranes. Behavior Research Methods, 2015, 21, 63-97.	2.3	1
155	Restoration of mitochondria function as a target for cancer therapy. Drug Discovery Today, 2015, 20, 635-643.	3.2	74
156	DYRK1A in neurodegeneration and cancer: Molecular basis and clinical implications., 2015, 151, 87-98.		122
157	EGF-mediated induction of Mcl-1 at the switch to lactation is essential for alveolar cell survival. Nature Cell Biology, 2015, 17, 365-375.	4.6	65
158	Oxidative stress triggered by naturally occurring flavone apigenin results in senescence and chemotherapeutic effect in human colorectal cancer cells. Redox Biology, 2015, 5, 153-162.	3.9	87
159	The NOXA–MCL1–BIM axis defines lifespan on extended mitotic arrest. Nature Communications, 2015, 6, 6891.	5.8	86
160	Activation of $\langle i \rangle \hat{l} \frac{1}{4} \langle i \rangle$ opioid receptors modulates inflammation in acute experimental colitis. Neurogastroenterology and Motility, 2015, 27, 509-523.	1.6	27
161	Expression of Bcl-xL and Mcl-1 in the Nonmelanoma Skin Cancers of Renal Transplant Recipients. American Journal of Clinical Pathology, 2015, 143, 514-526.	0.4	4
162	Demyelination as a rational therapeutic target for ischemic or traumatic brain injury. Experimental Neurology, 2015, 272, 17-25.	2.0	118
163	The molecular relationships between apoptosis, autophagy and necroptosis. Seminars in Cell and Developmental Biology, 2015, 39, 63-69.	2.3	142
164	Antiproliferative effects of formononetin on human colorectal cancer via suppressing cell growth in vitro and in vivo. Process Biochemistry, 2015, 50, 912-917.	1.8	18

#	Article	IF	CITATIONS
165	Ruthenium complex $\hat{\nu}$ -WH0402 induces hepatocellular carcinoma LM6 (HCCLM6) cell death by triggering the Beclin-1-dependent autophagy pathway. Metallomics, 2015, 7, 896-907.	1.0	28
166	Targeting cell death pathways with small molecules: playing with life and death at the cellular level to treat diseases. Future Medicinal Chemistry, 2015, 7, 2099-2102.	1.1	2
167	Selective targeting of JAK/STAT signaling is potentiated by Bcl-xL blockade in IL-2–dependent adult T-cell leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12480-12485.	3.3	81
168	The role of microparticles in inflammation and transfusion: A concise review. Transfusion and Apheresis Science, 2015, 53, 159-167.	0.5	72
169	Obatoclax is a direct and potent antagonist of membrane-restricted Mcl-1 and is synthetic lethal with treatment that induces Bim. BMC Cancer, 2015, 15, 568.	1.1	21
170	Pharmacology of novel small-molecule tubulin inhibitors in glioblastoma cells with enhanced EGFR signalling. Biochemical Pharmacology, 2015, 98, 587-601.	2.0	15
171	MicroRNA library screening identifies growth-suppressive microRNAs that regulate genes involved in cell cycle progression and apoptosis. Experimental Cell Research, 2015, 339, 320-332.	1.2	35
172	Electrophysiology of Unconventional Channels and Pores. Springer Series in Biophysics, 2015, , .	0.4	9
173	Intimacy and a deadly feud: the interplay of autophagy and apoptosis mediated by amino acids. Amino Acids, 2015, 47, 2089-2099.	1.2	10
174	Sequence and expression variations in 23 genes involved in mitochondrial and non-mitochondrial apoptotic pathways and risk of oral leukoplakia and cancer. Mitochondrion, 2015, 25, 28-33.	1.6	9
175	Constitutive BAK activation as a determinant of drug sensitivity in malignant lymphohematopoietic cells. Genes and Development, 2015, 29, 2140-2152.	2.7	38
176	Crystal structure of Bax bound to the BH3 peptide of Bim identifies important contacts for interaction. Cell Death and Disease, 2015, 6, e1809-e1809.	2.7	54
177	Regulation of antiapoptotic and cytoprotective pathways in colonic epithelial cells in ulcerative colitis. Scandinavian Journal of Gastroenterology, 2015, 50, 1-29.	0.6	33
178	Lessons from gain―and lossâ€ofâ€function models of proâ€survival Bcl2 family proteins: implications for targeted therapy. FEBS Journal, 2015, 282, 834-849.	2.2	53
179	Redox signaling: Potential arbitrator of autophagy and apoptosis in therapeutic response. Free Radical Biology and Medicine, 2015, 89, 452-465.	1.3	110
180	Bik subcellular localization in response to oxidative stress induced by chemotherapy, in Two different breast cancer cell lines and a Nonâ€ŧumorigenic epithelial cell line. Journal of Applied Toxicology, 2015, 35, 1262-1270.	1.4	8
181	Vertical suppression of the EGFR pathway prevents onset of resistance in colorectal cancers. Nature Communications, 2015, 6, 8305.	5.8	97
182	Deficiency of FcϵR1 Increases Body Weight Gain but Improves Glucose Tolerance in Diet-Induced Obese Mice. Endocrinology, 2015, 156, 4047-4058.	1.4	5

#	Article	IF	CITATIONS
183	Open–closed switching of synthetic tubular pores. Nature Communications, 2015, 6, 8650.	5.8	55
184	Cytotoxicity of atropine to human corneal epithelial cells by inducing cell cycle arrest and mitochondrion-dependent apoptosis. Experimental and Toxicologic Pathology, 2015, 67, 517-524.	2.1	25
185	Electroacupuncture Ameliorates Cognitive Impairment and Regulates the Expression of Apoptosis-Related Genes <i>Bcl-2</i> and <i>Bax</i> in rats with cerebral ischaemia-reperfusion injury. Acupuncture in Medicine, 2015, 33, 478-484.	0.4	41
186	Bax monomers form dimer units in the membrane that further self-assemble into multiple oligomeric species. Nature Communications, 2015, 6, 8042.	5.8	140
187	Minimalist Model Systems Reveal Similarities and Differences between Membrane Interaction Modes of MCL1 and BAK. Journal of Biological Chemistry, 2015, 290, 17004-17019.	1.6	10
188	An interconnected hierarchical model of cell death regulation by the BCL-2 family. Nature Cell Biology, 2015, 17, 1270-1281.	4.6	212
189	Combined loss of the BH3-only proteins Bim and Bmf restores B-cell development and function in TACI-Ig transgenic mice. Cell Death and Differentiation, 2015, 22, 1477-1488.	5.0	18
190	In non-transformed cells Bak activates upon loss of anti-apoptotic Bcl-XL and Mcl-1 but in the absence of active BH3-only proteins. Cell Death and Disease, 2015, 6, e1996-e1996.	2.7	20
191	Redefining the BH3 Death Domain as a â€~Short Linear Motif'. Trends in Biochemical Sciences, 2015, 40, 736-748.	3.7	57
192	Old, new and emerging functions of caspases. Cell Death and Differentiation, 2015, 22, 526-539.	5.0	1,000
193	Conjugation and Evaluation of Small Hydrophobic Molecules to Triazole-Linked siRNAs. ACS Medicinal Chemistry Letters, 2015, 6, 117-122.	1.3	13
194	Cell death controlling complexes and their potential therapeutic role. Cellular and Molecular Life Sciences, 2015, 72, 505-517.	2.4	35
195	A novel <scp>BH</scp> 3 mimetic efficiently induces apoptosis in melanoma cells through direct binding to antiâ€apoptotic Bclâ€2 family proteins, including phosphorylated Mclâ€1. Pigment Cell and Melanoma Research, 2015, 28, 161-170.	1.5	13
196	The Bcl-2 family: structures, interactions and targets for drug discovery. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 136-150.	2.2	140
197	Momordica Charantia lectin exhibits antitumor activity towards hepatocellular carcinoma. Investigational New Drugs, 2015, 33, 1-11.	1.2	36
198	Complex disruption effect of natural polyphenols on Bcl-2-Bax: molecular dynamics simulation and essential dynamics study. Journal of Biomolecular Structure and Dynamics, 2015, 33, 1094-1106.	2.0	18
199	GDC-0152 induces apoptosis through down-regulation of IAPs in human leukemia cells and inhibition of PI3K/Akt signaling pathway. Tumor Biology, 2015, 36, 577-584.	0.8	11
200	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	5.0	811

#	Article	IF	CITATIONS
202	In Silico Approach to Find an Optimal Strategy in Selective Targeting of Cancer Cells. Journal of Computer Science and Systems Biology, 2016, 9, .	0.0	1
203	Docosahexaenoic Acid Induces Oxidative DNA Damage and Apoptosis, and Enhances the Chemosensitivity of Cancer Cells. International Journal of Molecular Sciences, 2016, 17, 1257.	1.8	59
204	Mitochondrial regulation of cell death: a phylogenetically conserved control. Microbial Cell, 2016, 3, 101-108.	1.4	87
205	Control of Cell Survival and Apoptosis. , 2016, , 97-105.		0
206	Bcl-2 family proteins as regulators of cancer cell invasion and metastasis: a review focusing on mitochondrial respiration and reactive oxygen species. Oncotarget, 2016, 7, 5193-5203.	0.8	177
207	ldentification of candidate anti-cancer molecular mechanisms of Compound Kushen Injection using functional genomics. Oncotarget, 2016, 7, 66003-66019.	0.8	87
208	Baicalin Inhibits Renal Cell Apoptosis and Protects Against Acute Kidney Injury in Pediatric Sepsis. Medical Science Monitor, 2016, 22, 5109-5115.	0.5	25
209	The pro-apoptotic paradox: the BH3-only protein Bcl-2 interacting killer (Bik) is prognostic for unfavorable outcomes in breast cancer. Oncotarget, 2016, 7, 33272-33285.	0.8	13
210	Oridonin, a novel lysine acetyltransferases inhibitor, inhibits proliferation and induces apoptosis in gastric cancer cells through p53- and caspase-3-mediated mechanisms. Oncotarget, 2016, 7, 22623-22631.	0.8	52
211	Increase in pro-apoptotic Bax expression and decrease in anti-apoptotic Bcl-2 expression in newborns with necrotizing enterocolitis. Archivos Argentinos De Pediatria, 2016, 114, 243-7.	0.3	10
212	Acetogenins from Annona muricata as potential inhibitors of antiapoptotic proteins: a molecular modeling study. Drug Design, Development and Therapy, 2016, 10, 1399.	2.0	14
213	Diosgenin-induced autophagy and apoptosis in a human prostate cancer cell line. Molecular Medicine Reports, 2016, 14, 4349-4359.	1.1	45
214	Effects of siRNA-mediated silencing of Sal-like 4 expression on proliferation and apoptosis of prostate cancer C4-2 cells. Genetics and Molecular Research, 2016, 15, .	0.3	6
215	Evaluation of Gene Therapy as an Intervention Strategy to Treat Brain Injury from Stroke. Frontiers in Molecular Neuroscience, 2016, 9, 34.	1.4	18
216	Killing Two Cells with One Stone: Pharmacologic BCL-2 Family Targeting for Cancer Cell Death and Immune Modulation. Frontiers in Pediatrics, 2016, 4, 135.	0.9	16
217	Anticancer Activity of a Hexapeptide from Skate (Raja porosa) Cartilage Protein Hydrolysate in HeLa Cells. Marine Drugs, 2016, 14, 153.	2.2	61
218	Polyurethane/Polylactide-Blend Films Doped with Zinc Ions for the Growth and Expansion of Human Olfactory Ensheathing Cells (OECs) and Adipose-Derived Mesenchymal Stromal Stem Cells (ASCs) for Regenerative Medicine Applications. Polymers, 2016, 8, 175.	2.0	10
219	Raf kinase inhibitor protein regulates oxygen-glucose deprivation-induced PC12 cells apoptosis through the NF-ÎB and ERK pathways. Journal of Clinical Biochemistry and Nutrition, 2016, 59, 86-92.	0.6	15

#	Article	IF	CITATIONS
220	Selective Pro-Apoptotic Activity of Novel 3,3′-(Aryl/Alkyl-Methylene)Bis(2-Hydroxynaphthalene-1,4-Dione) Derivatives on Human Cancer Cells via the Induction Reactive Oxygen Species. PLoS ONE, 2016, 11, e0158694.	1.1	36
221	An Appraisal of Proliferation and Apoptotic Markers in Papillary Thyroid Carcinoma: An Automated Analysis. PLoS ONE, 2016, 11, e0148656.	1.1	11
222	Artonin E Induces Apoptosis via Mitochondrial Dysregulation in SKOV-3 Ovarian Cancer Cells. PLoS ONE, 2016, 11, e0151466.	1.1	27
223	Inhibition of Malaria Infection in Transgenic Anopheline Mosquitoes Lacking Salivary Gland Cells. PLoS Pathogens, 2016, 12, e1005872.	2.1	22
224	Vaccinia Virus Immunomodulator A46: A Lipid and Protein-Binding Scaffold for Sequestering Host TIR-Domain Proteins. PLoS Pathogens, 2016, 12, e1006079.	2.1	19
225	Cellular and Molecular Responses to Mechanical Expansion of Tissue. Frontiers in Physiology, 2016, 7, 540.	1.3	25
226	Toxicity of Pekinenin C from Euphorbia Pekinensis Radix on Rat Small Intestinal Crypt Epithelial Cell and Its Apoptotic Mechanism. International Journal of Molecular Sciences, 2016, 17, 850.	1.8	19
227	DEPTOR promotes survival of cervical squamous cell carcinoma cells and its silencing induces apoptosis through downregulating PI3K/AKT and by up-regulating p38 MAP kinase. Oncotarget, 2016, 7, 24154-24171.	0.8	30
228	Mitochondrial apoptosis and BH3 mimetics. F1000Research, 2016, 5, 2804.	0.8	33
229	Niacin alleviates TRAIL-mediated colon cancer cell death via autophagy flux activation. Oncotarget, 2016, 7, 4356-4368.	0.8	32
230	Valproic acid–mediated myocardial protection of acute hemorrhagic rat via the BCL-2 pathway. Journal of Trauma and Acute Care Surgery, 2016, 80, 812-818.	1.1	4
231	Intersection of mitochondrial fission and fusion machinery with apoptotic pathways: Role of Mclâ€1. Biology of the Cell, 2016, 108, 279-293.	0.7	54
232	Betulinic Acid: Recent Advances in Chemical Modifications, Effective Delivery, and Molecular Mechanisms of a Promising Anticancer Therapy. Chemical Biology and Drug Design, 2016, 87, 517-536.	1.5	120
233	Role of proapoptotic BH3â€only proteins in <i>Listeria monocytogenes</i> infection. European Journal of Immunology, 2016, 46, 1427-1437.	1.6	4
234	Soluble Adenylyl Cyclase Regulates Bile Saltâ€Induced Apoptosis in Human Cholangiocytes. Hepatology, 2016, 64, 522-534.	3.6	53
235	The importance of evolutionarily conserved Câ€terminal basic residues for the stability of proapoptotic Bax protein. FEBS Open Bio, 2016, 6, 976-986.	1.0	3
236	Myeloid cell leukaemia 1 has a vital role in retinoic acidâ€mediated protection of <scp>T</scp> ollâ€ike receptor 9â€stimulated B cells from spontaneous and <scp>DNA</scp> damageâ€induced apoptosis. Immunology, 2016, 149, 62-73.	2.0	5
237	A paired comparison between glioblastoma "stem cells―and differentiated cells. International Journal of Cancer, 2016, 138, 1709-1718.	2.3	42

#	Article	IF	Citations
238	PRSS8 is Downregulated and Suppresses Tumour Growth and Metastases in Hepatocellular Carcinoma. Cellular Physiology and Biochemistry, 2016, 40, 757-769.	1.1	31
239	Diverting CERT-mediated ceramide transport to mitochondria triggers Bax-dependent apoptosis. Journal of Cell Science, 2017, 130, 360-371.	1.2	52
240	Thymoquinone induces apoptosis through downregulation of c-FLIP and Bcl-2 in renal carcinoma Caki cells. Oncology Reports, 2016, 36, 2261-2267.	1.2	39
241	ldentification of an activation site in Bak and mitochondrial Bax triggered by antibodies. Nature Communications, 2016, 7, 11734.	5.8	50
242	Chalepin: isolated from Ruta angustifolia L. Pers induces mitochondrial mediated apoptosis in lung carcinoma cells. BMC Complementary and Alternative Medicine, 2016, 16, 389.	3.7	38
243	The deadly landscape of proâ€apoptotic <scp>BCL</scp> â€2 proteins in the outer mitochondrial membrane. FEBS Journal, 2016, 283, 2676-2689.	2.2	101
244	Bclâ€2 proteins in development, health, and disease of the hematopoietic system. FEBS Journal, 2016, 283, 2779-2810.	2.2	37
245	Carfilzomib Triggers Cell Death in Chronic Lymphocytic Leukemia by Inducing Proapoptotic and Endoplasmic Reticulum Stress Responses. Clinical Cancer Research, 2016, 22, 4712-4726.	3.2	20
246	Cytotoxicity of atropine to human corneal endothelial cells by inducing mitochondrion-dependent apoptosis. Experimental Biology and Medicine, 2016, 241, 1457-1465.	1.1	17
247	Role of microRNA-195 in cardiomyocyte apoptosis induced by myocardial ischaemia–reperfusion injury. Journal of Genetics, 2016, 95, 99-108.	0.4	43
248	Cytotoxicity of carteolol to human corneal epithelial cells by inducing apoptosis via triggering the Bcl-2 family protein-mediated mitochondrial pro-apoptotic pathway. Toxicology in Vitro, 2016, 35, 36-42.	1.1	25
249	Tumor-Suppressor Functions of the TP53 Pathway. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a026062.	2.9	201
250	JNK1 Inhibition Attenuates Hypoxia-Induced Autophagy and Sensitizes to Chemotherapy. Molecular Cancer Research, 2016, 14, 753-763.	1.5	34
251	Lipotoxic lethal and sublethal stress signaling in hepatocytes: relevance to NASH pathogenesis. Journal of Lipid Research, 2016, 57, 1758-1770.	2.0	198
252	Mitochondriaâ€"Judges and Executioners of Cell Death Sentences. Molecular Cell, 2016, 61, 695-704.	4.5	278
253	Mitochondria in Cell Death Regulation. , 2016, , 341-353.		1
254	The Bcl-2 Family Proteins: Insights into Their Mechanism of Action and Therapeutic Potential. , 2016, , 379-389.		1
255	Discoveries and controversies in <scp>BCL</scp> â€2 proteinâ€mediated apoptosis. FEBS Journal, 2016, 283, 2690-2700.	2.2	176

#	Article	IF	Citations
256	MOMP in the absence of BH3-only proteins. Genes and Development, 2016, 30, 878-880.	2.7	8
257	Bok is a genuine multi-BH-domain protein that triggers apoptosis in the absence of Bax and Bak and augments drug response. Journal of Cell Science, 2016, 129, 2213-23.	1.2	42
258	Combination therapy induces unfolded protein response andÂcytoskeletal rearrangement leading to mitochondrial apoptosis in prostate cancer. Molecular Oncology, 2016, 10, 949-965.	2.1	9
259	A link between the driver mutations and dysregulated apoptosis in BCR-ABL1 negative myeloproliferative neoplasms. Journal of Immunoassay and Immunochemistry, 2016, 37, 331-345.	0.5	6
260	Cancer chemoresistance; biochemical and molecular aspects: a brief overview. European Journal of Pharmaceutical Sciences, 2016, 89, 20-30.	1.9	123
261	Bok Is Not Pro-Apoptotic But Suppresses Poly ADP-Ribose Polymerase-Dependent Cell Death Pathways and Protects against Excitotoxic and Seizure-Induced Neuronal Injury. Journal of Neuroscience, 2016, 36, 4564-4578.	1.7	47
262	Major apoptotic mechanisms and genes involved in apoptosis. Tumor Biology, 2016, 37, 8471-8486.	0.8	404
263	Regulation of platelet lifespan by apoptosis. Platelets, 2016, 27, 497-504.	1.1	73
264	Oligophrenin1 protects mice against myocardial ischemia and reperfusion injury by modulating inflammation and myocardial apoptosis. Cellular Signalling, 2016, 28, 967-978.	1.7	22
266	Mitochondrial Permeabilization: From Lethality to Vitality. , 2016, , 213-226.		3
267	Metformin induces apoptosis via a mitochondria-mediated pathway in human breast cancer cells in vitro. Experimental and Therapeutic Medicine, 2016, 11, 1700-1706.	0.8	72
268	The BCL2 selective inhibitor venetoclax induces rapid onset apoptosis of CLL cells in patients via a TP53-independent mechanism. Blood, 2016, 127, 3215-3224.	0.6	242
269	Viral proliferation and expression of tumor-related gene in different chicken embryo fibroblasts infected with different tumorigenic phenotypes of avian leukosis virus subgroup J. Poultry Science, 2016, 95, 2383-2390.	1.5	12
270	Irinotecan- and 5-fluorouracil-induced intestinal mucositis: insights into pathogenesis and therapeutic perspectives. Cancer Chemotherapy and Pharmacology, 2016, 78, 881-893.	1.1	113
271	BAX, a novel cell pro-apoptotic protein, involved in hemocytes early antiviral immune response in fresh water crayfish, Procambarus clarkii. Fish and Shellfish Immunology, 2016, 55, 384-392.	1.6	20
272	Inhibition of Mcl-1 through covalent modification of a noncatalytic lysine side chain. Nature Chemical Biology, 2016, 12, 931-936.	3.9	153
273	The Greater Genomic Landscape: The Heterogeneous Evolution of Cancer. Cancer Research, 2016, 76, 5605-5609.	0.4	25
274	Inhibition of apoptosis by Rv2456c through Nuclear factor-κB extends the survival of Mycobacterium tuberculosis. International Journal of Mycobacteriology, 2016, 5, 426-436.	0.3	15

#	Article	IF	CITATIONS
275	Evolution of the BCL-2-Regulated Apoptotic Pathway. , 2016, , 137-156.		4
276	Expression profile of long noncoding RNAs and mRNAs in peripheral blood mononuclear cells from myasthenia gravis patients. Journal of Neuroimmunology, 2016, 299, 124-129.	1.1	9
277	Bcl-xL dependency coincides with the onset of neurogenesis in the developing mammalian spinal cord. Molecular and Cellular Neurosciences, 2016, 77, 34-46.	1.0	8
279	Hepatocyte growth factor renders BRAF mutant human melanoma cell lines resistant to PLX4032 by downregulating the pro-apoptotic BH3-only proteins PUMA and BIM. Cell Death and Differentiation, 2016, 23, 2054-2062.	5.0	24
280	3D printing of biomaterials with mussel-inspired nanostructures for tumor therapy and tissue regeneration. Biomaterials, 2016, 111, 138-148.	5.7	151
281	Tanshinone IIA inhibits myocardial remodeling induced by pressure overload via suppressing oxidative stress and inflammation: Possible role of silent information regulator 1. European Journal of Pharmacology, 2016, 791, 632-639.	1.7	36
282	[ARTICLE WITHDRAWN] MicroRNA-16-1 Inhibits Tumor Cell Proliferation and Induces Apoptosis in A549 Non-Small Cell Lung Carcinoma Cells. Oncology Research, 2016, 24, 345-351.	0.6	18
283	Immunomodulatory proteins FIP-gts and chloroquine induce caspase-independent cell death via autophagy for resensitizing cisplatin-resistant urothelial cancer cells. Phytomedicine, 2016, 23, 1566-1573.	2.3	26
285	Survival control of malignant lymphocytes by anti-apoptotic MCL-1. Leukemia, 2016, 30, 2152-2159.	3.3	35
286	Proparacaine induces cytotoxicity and mitochondria-dependent apoptosis in corneal stromal cells both in vitro and in vivo. Toxicology Research, 2016, 5, 1434-1444.	0.9	5
287	Viruses and the Diversity of Cell Death. Annual Review of Virology, 2016, 3, 533-553.	3.0	110
288	Bortezomib sensitizes human glioblastoma cells to induction of apoptosis by type I interferons through NOXA expression and McI-1 cleavage. Biochemical and Biophysical Research Communications, 2016, 478, 128-134.	1.0	9
289	Targeting BCL-2-like Proteins to Kill Cancer Cells. Trends in Cancer, 2016, 2, 443-460.	3.8	114
290	Smallâ€Molecule and Peptide Inhibitors of the Proâ€Survival Protein Mclâ€1. ChemMedChem, 2016, 11, 802-813.	1.6	40
291	Therapeutic implication of concomitant chromosomal aberrations in patients with aggressive B-cell lymphomas. Cell Cycle, 2016, 15, 2241-2247.	1.3	5
292	Identification of a novel senolytic agent, navitoclax, targeting the Bclâ€2 family of antiâ€apoptotic factors. Aging Cell, 2016, 15, 428-435.	3.0	717
293	Macrophage cell death in microbial infections. Cellular Microbiology, 2016, 18, 466-474.	1.1	37
294	Apoptosis regulates endothelial cell number and capillary vessel diameter but not vessel regression during retinal angiogenesis. Development (Cambridge), 2016, 143, 2973-82.	1.2	34

#	ARTICLE	IF	CITATIONS
295	Leptin Enhances TH2 and ILC2 Responses in Allergic Airway Disease. Journal of Biological Chemistry, 2016, 291, 22043-22052.	1.6	64
296	Old drugs, novel ways out: Drug resistance toward cytotoxic chemotherapeutics. Drug Resistance Updates, 2016, 28, 65-81.	6. 5	147
297	Upregulation of PLZF is Associated with Neuronal Injury in Lipopolysaccharide-Induced Neuroinflammation. Neurochemical Research, 2016, 41, 3063-3073.	1.6	6
299	Novel Approaches to Apoptosis-Inducing Therapies. Advances in Experimental Medicine and Biology, 2016, 930, 173-204.	0.8	17
300	The small-molecule IAP antagonist AT406 inhibits pancreatic cancer cells inÂvitro and inÂvivo. Biochemical and Biophysical Research Communications, 2016, 478, 293-299.	1.0	12
301	Purine-Type Compounds Induce Microtubule Fragmentation and Lung Cancer Cell Death through Interaction with Katanin. Journal of Medicinal Chemistry, 2016, 59, 8521-8534.	2.9	29
302	Anticancer activities of alkaloids extracted from the Ba lotus seed in human nasopharyngeal carcinoma CNE-1 cells. Experimental and Therapeutic Medicine, 2016, 12, 3113-3120.	0.8	10
303	<i>N</i> -heterocyclic carbene complexes of silver and gold as novel tools against breast cancer progression. Future Medicinal Chemistry, 2016, 8, 2213-2229.	1.1	49
304	Pro-apoptotic Bax molecules densely populate the edges of membrane pores. Scientific Reports, 2016, 6, 27299.	1.6	44
306	MCL-1 is required throughout B-cell development and its loss sensitizes specific B-cell subsets to inhibition of BCL-2 or BCL-XL. Cell Death and Disease, 2016, 7, e2345-e2345.	2.7	53
307	BAG3-mediated Mcl-1 stabilization contributes to drug resistance via interaction with USP9X in ovarian cancer. International Journal of Oncology, 2016, 49, 402-410.	1.4	30
308	The cardioprotection of dihydrotanshinone I against myocardial ischemia–reperfusion injury via inhibition of arachidonic acid ω-hydroxylase. Canadian Journal of Physiology and Pharmacology, 2016, 94, 1267-1275.	0.7	26
309	RAG-induced DNA lesions activate proapoptotic BIM to suppress lymphomagenesis in p53-deficient mice. Journal of Experimental Medicine, 2016, 213, 2039-2048.	4.2	13
310	Bcl-2 family proteins: master regulators of cell survival. Biomolecular Concepts, 2016, 7, 259-270.	1.0	92
311	Screening of efficient polymers for siRNA delivery in a library of hydrophobically modified polyethyleneimines. Journal of Materials Chemistry B, 2016, 4, 6468-6474.	2.9	39
312	<scp>BH</scp> 3â€inâ€groove dimerization initiates and helix 9 dimerization expands Bax pore assembly in membranes. EMBO Journal, 2016, 35, 208-236.	3.5	81
313	A Small Molecule That Protects the Integrity of the Electron Transfer Chain Blocks the Mitochondrial Apoptotic Pathway. Molecular Cell, 2016, 63, 229-239.	4.5	57
314	Icariin, a major constituent from Epimedium brevicornum, attenuates ibotenic acid-induced excitotoxicity in rat hippocampus. Behavioural Brain Research, 2016, 313, 111-119.	1.2	32

#	Article	IF	CITATIONS
315	Insulin Mimetic Peptide Disrupts the Primary Binding Site of the Insulin Receptor. Journal of Biological Chemistry, 2016, 291, 15473-15481.	1.6	31
316	Dihydrotanshinone induces apoptosis of SGC7901 and MGC803 cells via activation of JNK and p38 signalling pathways. Pharmaceutical Biology, 2016, 54, 3019-3025.	1.3	16
317	Metabolic Regulation of Apoptosis in Cancer. International Review of Cell and Molecular Biology, 2016, 327, 43-87.	1.6	129
318	The C-terminal Domains of Apoptotic BH3-only Proteins Mediate Their Insertion into Distinct Biological Membranes. Journal of Biological Chemistry, 2016, 291, 25207-25216.	1.6	14
320	PIM1 kinase inhibition as a targeted therapy against triple-negative breast tumors with elevated MYC expression. Nature Medicine, 2016, 22, 1321-1329.	15.2	138
321	Activation of concurrent apoptosis and necroptosis by SMAC mimetics for the treatment of refractory and relapsed ALL. Science Translational Medicine, 2016, 8, 339ra70.	5.8	92
322	Design and Synthesis of Potent in Vitro and in Vivo Anticancer Agents Based on 1-(3′,4′,5′-Trimethoxyphenyl)-2-Aryl-1H-Imidazole. Scientific Reports, 2016, 6, 26602.	1.6	29
323	Downsizing the BAD BH3 peptide to small constrained $\hat{l}\pm$ -helices with improved ligand efficiency. Organic and Biomolecular Chemistry, 2016, 14, 10939-10945.	1.5	16
324	Assembly of Bak homodimers into higher order homooligomers in the mitochondrial apoptotic pore. Scientific Reports, 2016, 6, 30763.	1.6	36
325	Gambogic Acid and Its Role in Chronic Diseases. Advances in Experimental Medicine and Biology, 2016, 928, 375-395.	0.8	22
326	The MCL1 inhibitor S63845 is tolerable and effective in diverse cancer models. Nature, 2016, 538, 477-482.	13.7	830
327	Energetics and Dynamics Across the Bcl-2-Regulated Apoptotic Pathway Reveal Distinct Evolutionary Determinants of Specificity and Affinity. Structure, 2016, 24, 2024-2033.	1.6	16
328	Interrogating the relevance of mitochondrial apoptosis for vertebrate development and postnatal tissue homeostasis. Genes and Development, 2016, 30, 2133-2151.	2.7	56
329	PolyMetformin combines carrier and anticancer activities for in vivo siRNA delivery. Nature Communications, 2016, 7, 11822.	5.8	133
330	Bcl-2 proteins bid and bax form a network to permeabilize the mitochondria at the onset of apoptosis. Cell Death and Disease, 2016, 7, e2424-e2424.	2.7	49
331	In Situ Characterization of Bak Clusters Responsible for Cell Death Using Single Molecule Localization Microscopy. Scientific Reports, 2016, 6, 27505.	1.6	33
332	Regulation of stressed-induced cell death by the Bcl-2 family of apoptotic proteins. Molecular Membrane Biology, 2016, 33, 89-99.	2.0	24
333	Molecular Mechanisms of Anesthetic Neurotoxicity: A Review of the Current Literature. Journal of Neurosurgical Anesthesiology, 2016, 28, 361-372.	0.6	30

#	Article	IF	CITATIONS
334	Carbon Ion-Irradiated Hepatoma Cells Exhibit Coupling Interplay between Apoptotic Signaling and Morphological and Mechanical Remodeling. Scientific Reports, 2016, 6, 35131.	1.6	10
335	Loss of <scp>PUMA</scp> (<scp>BBC</scp> 3) does not prevent thrombocytopenia caused by the loss of <scp>BCL</scp> â€∢scp>XL (<scp>BCL</scp> 2L1). British Journal of Haematology, 2016, 174, 962-969.	1.2	7
336	Antagonism of Bcl-XL is necessary for synergy between carboplatin and BH3 mimetics in ovarian cancer cells. Journal of Ovarian Research, 2016, 9, 25.	1.3	16
337	Functional conservation of the apoptotic machinery from coral to man: the diverse and complex Bcl-2 and caspase repertoires of Acropora millepora. BMC Genomics, 2016, 17, 62.	1.2	45
338	Bax/Bak activation in the absence of Bid, Bim, Puma, and p53. Cell Death and Disease, 2016, 7, e2266-e2266.	2.7	53
339	Downregulation of LRRC8A protects human ovarian and alveolar carcinoma cells against Cisplatin-induced expression of p53, MDM2, p21 ^{Waf1/Cip1} , and Caspase-9/-3 activation. American Journal of Physiology - Cell Physiology, 2016, 310, C857-C873.	2.1	53
340	Modulation of liver tolerance by conventional and nonconventional antigen-presenting cells and regulatory immune cells. Cellular and Molecular Immunology, 2016, 13, 277-292.	4.8	207
341	The Role of BCL-2 Family Members in Acute Kidney Injury. Seminars in Nephrology, 2016, 36, 237-250.	0.6	42
342	Toward Analysis of Proteins in Single Cells: A Quantitative Approach Employing Isobaric Tags with MALDI Mass Spectrometry Realized with a Microfluidic Platform. Analytical Chemistry, 2016, 88, 6672-6679.	3.2	39
343	Î ² 3-adrenoceptor impacts apoptosis in cultured cardiomyocytes via activation of PI3K/Akt and p38MAPK. Journal of Huazhong University of Science and Technology [Medical Sciences], 2016, 36, 1-7.	1.0	4
344	Genome Stability Requires p53. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a026096.	2.9	101
345	Understanding the interaction between Betanodavirus and its host for the development of prophylactic measures for viral encephalopathy and retinopathy. Fish and Shellfish Immunology, 2016, 53, 35-49.	1.6	168
346	Chaetominine reduces MRP1-mediated drug resistance via inhibiting PI3K/Akt/Nrf2 signaling pathway in K562/Adr human leukemia cells. Biochemical and Biophysical Research Communications, 2016, 473, 867-873.	1.0	37
347	Pushing the size limit of de novo structure ensemble prediction guided by sparse SDSL-EPR restraints to 200 residues: The monomeric and homodimeric forms of BAX. Journal of Structural Biology, 2016, 195, 62-71.	1.3	14
348	Embryonic cardiomyocytes can orchestrate various cell protective mechanisms to survive mitochondrial stress. Journal of Molecular and Cellular Cardiology, 2016, 97, 1-14.	0.9	9
349	The interplay between human herpes simplex virus infection and the apoptosis and necroptosis cell death pathways. Virology Journal, 2016, 13, 77.	1.4	62
350	Busulfan Triggers Intrinsic Mitochondrial-Dependent Platelet Apoptosis Independent of Platelet Activation. Biology of Blood and Marrow Transplantation, 2016, 22, 1565-1572.	2.0	21
351	Constitutive Activation of PINK1 Protein Leads to Proteasome-mediated and Non-apoptotic Cell Death Independently of Mitochondrial Autophagy. Journal of Biological Chemistry, 2016, 291, 16162-16174.	1.6	23

#	Article	IF	CITATIONS
352	Direct Activation of Bax Protein for Cancer Therapy. Medicinal Research Reviews, 2016, 36, 313-341.	5.0	160
353	MiR-449a regulates autophagy to inhibit silica-induced pulmonary fibrosis through targeting Bcl2. Journal of Molecular Medicine, 2016, 94, 1267-1279.	1.7	74
354	MOAP-1 Mediates Fas-Induced Apoptosis in Liver by Facilitating tBid Recruitment to Mitochondria. Cell Reports, 2016, 16, 174-185.	2.9	23
355	A fate worse than death: apoptosis as an oncogenic process. Nature Reviews Cancer, 2016, 16, 539-548.	12.8	325
356	Five-Membered Ring Peroxide Selectively Initiates Ferroptosis in Cancer Cells. ACS Chemical Biology, 2016, 11, 1305-1312.	1.6	128
357	Thirty years of BCL-2: translating cell death discoveries into novel cancer therapies. Nature Reviews Cancer, 2016, 16, 99-109.	12.8	596
358	AT1R blocker losartan attenuates intestinal epithelial cell apoptosis in a mouse model of Crohn's disease. Molecular Medicine Reports, 2016, 13, 1156-1162.	1.1	27
359	The DNA damage-induced cell death response: a roadmap to kill cancer cells. Cellular and Molecular Life Sciences, 2016, 73, 2829-2850.	2.4	217
360	4SC-202 activates ASK1-dependent mitochondrial apoptosis pathway to inhibit hepatocellular carcinoma cells. Biochemical and Biophysical Research Communications, 2016, 471, 267-273.	1.0	42
361	Synthetic Antibodies Inhibit Bcl-2-associated X Protein (BAX) through Blockade of the N-terminal Activation Site. Journal of Biological Chemistry, 2016, 291, 89-102.	1.6	25
362	Myc Induces miRNA-Mediated Apoptosis in Response to HDAC Inhibition in Hematologic Malignancies. Cancer Research, 2016, 76, 736-748.	0.4	46
363	Targeting anti-apoptotic Bcl2 proteins with scyllatoxin-based BH3 domain mimetics. Organic and Biomolecular Chemistry, 2016, 14, 440-446.	1.5	11
364	Clearance of senescent cells by ABT263 rejuvenates aged hematopoietic stem cells in mice. Nature Medicine, 2016, 22, 78-83.	15.2	1,273
365	Does melatonin influence the apoptosis in rat uterus of animals exposed to continuous light?. Apoptosis: an International Journal on Programmed Cell Death, 2016, 21, 155-162.	2.2	16
366	BET inhibition represses miR17-92 to drive BIM-initiated apoptosis of normal and transformed hematopoietic cells. Leukemia, 2016, 30, 1531-1541.	3.3	29
367	Small molecules targeting Mcl-1: the search for a silver bullet in cancer therapy. MedChemComm, 2016, 7, 778-787.	3.5	16
368	Reprogramming eukaryotic translation with ligand-responsive synthetic RNA switches. Nature Methods, 2016, 13, 453-458.	9.0	28
369	Cisplatin-induced apoptosis in non-small-cell lung cancer cells is dependent on Bax- and Bak-induction pathway and synergistically activated by BH3-mimetic ABT-263 in p53 wild-type and mutant cells. Biochemical and Biophysical Research Communications, 2016, 473, 490-496.	1.0	56

#	Article	IF	CITATIONS
370	Vitamin E, \hat{I}^3 -tocotrienol, Protects Against Buthionine Sulfoximine-Induced Cell Death by Scavenging Free Radicals in SH-SY5Y Neuroblastoma Cells. Nutrition and Cancer, 2016, 68, 507-517.	0.9	5
371	Molecular mechanisms of lipotoxicity and glucotoxicity in nonalcoholic fatty liver disease. Metabolism: Clinical and Experimental, 2016, 65, 1049-1061.	1.5	374
372	Discovery of 2-Indole-acylsulfonamide Myeloid Cell Leukemia 1 (Mcl-1) Inhibitors Using Fragment-Based Methods. Journal of Medicinal Chemistry, 2016, 59, 2054-2066.	2.9	114
373	Enhancement of CD3AK cell proliferation and killing ability by α-Thujone. International Immunopharmacology, 2016, 30, 57-61.	1.7	13
374	Progress in BCL2 inhibition for patients with chronic lymphocytic leukemia. Seminars in Oncology, 2016, 43, 274-279.	0.8	17
375	The first MCL-1-selective BH3 mimetics have therapeutic potential for chronic lymphocytic leukemia. Critical Reviews in Oncology/Hematology, 2016, 100, 32-36.	2.0	18
376	Mcl-1 regulates effector and memory CD8 T-cell differentiation during acute viral infection. Virology, 2016, 490, 75-82.	1.1	10
377	Mitochondria in human pluripotent stem cell apoptosis. Seminars in Cell and Developmental Biology, 2016, 52, 76-83.	2.3	21
378	Potential of apoptotic pathway-targeted cancer therapeutic research: Where do we stand?. Cell Death and Disease, 2016, 7, e2058-e2058.	2.7	238
379	Mito-priming as a method to engineer Bcl-2 addiction. Nature Communications, 2016, 7, 10538.	5.8	53
380	Yin Yang 1 Promotes Thymocyte Survival by Downregulating p53. Journal of Immunology, 2016, 196, 2572-2582.	0.4	21
381	Prime, Shock, and Kill: Priming CD4 T Cells from HIV Patients with a BCL-2 Antagonist before HIV Reactivation Reduces HIV Reservoir Size. Journal of Virology, 2016, 90, 4032-4048.	1.5	85
382	Curcumin enhances the antitumor effect of ABT-737 via activation of the ROS-ASK1-JNK pathway in hepatocellular carcinoma cells. Molecular Medicine Reports, 2016, 13, 1570-1576.	1.1	32
383	The Role of Osteocytes in Age-Related Bone Loss. Current Osteoporosis Reports, 2016, 14, 16-25.	1.5	119
384	Tumor protein Tctp regulates axon development in the embryonic visual system. Development (Cambridge), 2016, 143, 1134-48.	1.2	45
385	Evidence for an Induced-Fit Process Underlying the Activation of Apoptotic BAX by an Intrinsically Disordered BimBH3 Peptide. Journal of Physical Chemistry B, 2016, 120, 2751-2760.	1.2	8
386	cBid, Bax and Bcl-xL exhibit opposite membrane remodeling activities. Cell Death and Disease, 2016, 7, e2121-e2121.	2.7	33
387	Alzheimer's disease via enhanced calcium signaling caused by the decrease of endoplasmic reticulum–mitochondrial distance. Medical Hypotheses, 2016, 89, 28-31.	0.8	16

#	Article	IF	Citations
388	Loss of Adult Cardiac Myocyte GSK-3 Leads to Mitotic Catastrophe Resulting in Fatal Dilated Cardiomyopathy. Circulation Research, 2016, 118, 1208-1222.	2.0	92
389	BCL2-modifying factor promotes germ cell loss during murine oogenesis. Reproduction, 2016, 151, 553-562.	1.1	13
390	Hydrocarbon constrained peptides – understanding preorganisation and binding affinity. Chemical Science, 2016, 7, 3694-3702.	3.7	63
391	Mitochondria and Cancer. Molecular Cell, 2016, 61, 667-676.	4.5	800
392	Endothelial cell survival during angiogenesis requires the pro-survival protein MCL1. Cell Death and Differentiation, 2016, 23, 1371-1379.	5.0	27
393	Human islet cells are killed by BID-independent mechanisms in response to FAS ligand. Apoptosis: an International Journal on Programmed Cell Death, 2016, 21, 379-389.	2.2	10
394	Therapeutic Response to Non-genotoxic Activation of p53 by Nutlin3a Is Driven by PUMA-Mediated Apoptosis in Lymphoma Cells. Cell Reports, 2016, 14, 1858-1866.	2.9	35
395	Selective inhibitors of Bcl-2 and Bcl-xL: Balancing antitumor activity with on-target toxicity. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2105-2114.	1.0	33
396	Critical B-lymphoid cell intrinsic role of endogenous MCL-1 in c-MYC-induced lymphomagenesis. Cell Death and Disease, 2016, 7, e2132-e2132.	2.7	18
397	Expression Profile of BCL-2, BCL-XL, and MCL-1 Predicts Pharmacological Response to the BCL-2 Selective Antagonist Venetoclax in Multiple Myeloma Models. Molecular Cancer Therapeutics, 2016, 15, 1132-1144.	1.9	231
398	Matrix control of pancreatic cancer: New insights into fibronectin signaling. Cancer Letters, 2016, 381, 252-258.	3.2	89
399	Chloroplast Activity and 3′phosphadenosine 5′phosphate Signaling Regulate Programmed Cell Death in Arabidopsis. Plant Physiology, 2016, 170, 1745-1756.	2.3	30
400	LncRNA TUG1 acts as a tumor suppressor in human glioma by promoting cell apoptosis. Experimental Biology and Medicine, 2016, 241, 644-649.	1.1	165
401	A serine protease extracted from Trichosanthes kirilowii induces apoptosis via the PI3K/AKT-mediated mitochondrial pathway in human colorectal adenocarcinoma cells. Food and Function, 2016, 7, 843-854.	2.1	24
402	The Stat3/5 Signaling Biosignature in Hematopoietic Stem/Progenitor Cells Predicts Response and Outcome in Myelodysplastic Syndrome Patients Treated with Azacitidine. Clinical Cancer Research, 2016, 22, 1958-1968.	3.2	16
403	An Analysis of the Truncated Bid- and ROS-dependent Spatial Propagation of Mitochondrial Permeabilization Waves during Apoptosis. Journal of Biological Chemistry, 2016, 291, 4603-4613.	1.6	8
404	Protein–lipid interactions and non-lamellar lipidic structures in membrane pore formation and membrane fusion. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 487-499.	1.4	53
405	Nilotinib reduced the viability of human ovarian cancer cells via mitochondria-dependent apoptosis, independent of JNK activation. Toxicology in Vitro, 2016, 31, 1-11.	1.1	18

#	Article	IF	CITATIONS
406	BH4 domain of Bcl-2 as a novel target for cancer therapy. Drug Discovery Today, 2016, 21, 989-996.	3.2	51
407	Genetically Encoded Fluorescent Probe for Imaging Apoptosis <i>iin Vivo</i> iiv with Spontaneous GFP Complementation. Analytical Chemistry, 2016, 88, 838-844.	3.2	24
408	Somatic cell transfer of c-Myc and Bcl-2 induces large-cell anaplastic medulloblastomas in mice. Journal of Neuro-Oncology, 2016, 126, 415-424.	1.4	15
409	Targeting BCL-2 to enhance vulnerability to therapy in estrogen receptor-positive breast cancer. Oncogene, 2016, 35, 1877-1887.	2.6	116
410	Preclinical <i>In Vitro</i> , <i>In Vivo</i> , and Pharmacokinetic Evaluations of FLLL12 for the Prevention and Treatment of Head and Neck Cancers. Cancer Prevention Research, 2016, 9, 63-73.	0.7	9
411	Death by a thousand knives: Multiple BH3-only proteins are required for maximal apoptosis triggered through the BCR. Molecular and Cellular Oncology, 2016, 3, e1084444.	0.3	O
412	Hypoxia promotes apoptosis of neuronal cells through hypoxia-inducible factor-1α-microRNA-204-B-cell lymphoma-2 pathway. Experimental Biology and Medicine, 2016, 241, 177-183.	1.1	39
413	The BH3-only protein BIM contributes to late-stage involution in the mouse mammary gland. Cell Death and Differentiation, 2016, 23, 41-51.	5.0	16
414	Conditional knockdown of BCL2A1 reveals rate-limiting roles in BCR-dependent B-cell survival. Cell Death and Differentiation, 2016, 23, 628-639.	5.0	18
415	A potential role of X-linked inhibitor of apoptosis protein in mitochondrial membrane permeabilization and its implication in cancer therapy. Drug Discovery Today, 2016, 21, 38-47.	3.2	47
416	BCR-signaling-induced cell death demonstrates dependency on multiple BH3-only proteins in a murine model of B-cell lymphoma. Cell Death and Differentiation, 2016, 23, 303-312.	5.0	8
417	Cell cycle kinetics, apoptosis rates and gene expressions of <i><scp>MDR</scp>â€1</i> , <i><scp>TP53</scp></i> , <i><scp>BCL</scp>â€2</i> and <i><scp>BAX</scp></i> in transmissible venereal tumour cells and their association with therapy response. Veterinary and Comparative Oncology, 2017, 15, 793-807.	0.8	24
418	Development of a flow cytometric method for quantification of BCLâ€2 family members in chronic lymphocytic leukemia and correlation with sensitivity to BCLâ€2 family inhibitors. Cytometry Part B - Clinical Cytometry, 2017, 92, 331-339.	0.7	12
419	Yeast as a model for the identification of novel survival-promoting compounds applicable to treat degenerative diseases. Mechanisms of Ageing and Development, 2017, 161, 306-316.	2.2	10
420	<i>Toona sinensis</i> Inhibits Murine Leukemia WEHI-3 Cells and Promotes Immune Response In Vivo. Integrative Cancer Therapies, 2017, 16, 308-318.	0.8	8
421	A brewing understanding of the regulation of Bax function by Bcl-xL and Bcl-2. Mechanisms of Ageing and Development, 2017, 161, 201-210.	2.2	76
422	Induction of Apoptosis in MCF-7 Breast Cancer Cells by Sri Lankan Endemic Mango (<i>Mangifera) Tj ETQq0 0 0 Journal of Food Biochemistry, 2017, 41, e12294.</i>	rgBT /Over 1.2	rlock 10 Tf 50 18
423	Expanding the armamentarium for chronic lymphocytic leukemia: A review of novel agents in the management of chronic lymphocytic leukemia. Journal of Oncology Pharmacy Practice, 2017, 23, 502-517.	0.5	4

#	Article	IF	CITATIONS
424	MicroRNAs are important regulators of drug resistance in colorectal cancer. Biological Chemistry, 2017, 398, 929-938.	1.2	52
425	Recent applications of the combination of mesoporous silica nanoparticles with nucleic acids: development of bioresponsive devices, carriers and sensors. Biomaterials Science, 2017, 5, 353-377.	2.6	79
426	Structural Insights into DD-Fold Assembly and Caspase-9 Activation by the Apaf-1 Apoptosome. Structure, 2017, 25, 407-420.	1.6	13
427	Structural Insight into African Swine Fever Virus A179L-Mediated Inhibition of Apoptosis. Journal of Virology, 2017, 91, .	1.5	59
428	MLL-AF4 binds directly to a BCL-2 specific enhancer and modulates H3K27Âacetylation. Experimental Hematology, 2017, 47, 64-75.	0.2	25
429	BAX to basics: How the BCL2 gene family controls the death of retinal ganglion cells. Progress in Retinal and Eye Research, 2017, 57, 1-25.	7.3	146
430	Star-PAP, a poly(A) polymerase, functions as a tumor suppressor in an orthotopic human breast cancer model. Cell Death and Disease, 2017, 8, e2582-e2582.	2.7	17
431	Dietary phytochemical PEITC restricts tumor development via modulation of epigenetic writers and erasers. Scientific Reports, 2017, 7, 40569.	1.6	29
432	The BCL-2 pro-survival protein A1 is dispensable for T cell homeostasis on viral infection. Cell Death and Differentiation, 2017, 24, 523-533.	5.0	29
433	Importance of functional groups in predicting the activity of small molecule inhibitors for Bclâ€⊋ and Bclâ€xL. Chemical Biology and Drug Design, 2017, 90, 308-316.	1.5	15
434	Inhibition of ROS production, autophagy or apoptosis signaling reversed the anticancer properties of Antrodia salmonea in triple-negative breast cancer (MDA-MB-231) cells. Food and Chemical Toxicology, 2017, 103, 1-17.	1.8	41
435	Bcl-2 delays cell cycle through mitochondrial ATP and ROS. Cell Cycle, 2017, 16, 707-713.	1.3	28
436	Diallyl Disulfide Suppresses the Inflammation and Apoptosis Resistance Induced by DCA Through ROS and the NF-κB Signaling Pathway in Human Barrett's Epithelial Cells. Inflammation, 2017, 40, 818-831.	1.7	44
437	From basic apoptosis discoveries to advanced selective BCL-2 family inhibitors. Nature Reviews Drug Discovery, 2017, 16, 273-284.	21.5	651
438	Natural polyphenolic inhibitors against the antiapoptotic BCL-2. Journal of Receptor and Signal Transduction Research, 2017, 37, 391-400.	1.3	25
439	Biological determinants of radioresistance and their remediation in pancreatic cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2017, 1868, 69-92.	3.3	65
440	Oligomerization process of Bcl-2 associated X protein revealed from intermediate structures in solution. Physical Chemistry Chemical Physics, 2017, 19, 7947-7954.	1.3	10
441	<scp>DNA</scp> methylation pattern of apoptosisâ€related genes in ameloblastoma. Oral Diseases, 2017, 23, 779-783.	1.5	15

#	Article	IF	CITATIONS
442	Close encounter of the covalent kind: Inhibiting MCL1 $\hat{a} \in \mathbb{N}$ s proapoptotic activity with covalent inhibitors. Cell Death Discovery, 2017, 3, 16094.	2.0	0
443	BH3-Only Proteins in Health and Disease. International Review of Cell and Molecular Biology, 2017, 328, 163-196.	1.6	21
444	The VDAC2–BAK axis regulates peroxisomal membrane permeability. Journal of Cell Biology, 2017, 216, 709-722.	2.3	66
445	BCL-2 system analysis identifies high-risk colorectal cancer patients. Gut, 2017, 66, 2141-2148.	6.1	40
446	Determinants of BH3 Sequence Specificity for the Disruption of Bcl-xL/cBid Complexes in Membranes. ACS Chemical Biology, 2017, 12, 989-1000.	1.6	5
447	Overexpression of Mcl-1 exacerbates lymphocyte accumulation and autoimmune kidney disease in lpr mice. Cell Death and Differentiation, 2017, 24, 397-408.	5.0	7
448	Moscatilin induces apoptosis of pancreatic cancer cells via reactive oxygen species and the JNK/SAPK pathway. Molecular Medicine Reports, 2017, 15, 1195-1203.	1.1	36
449	BCL-2: Long and winding path from discovery to therapeutic target. Biochemical and Biophysical Research Communications, 2017, 482, 459-469.	1.0	55
450	Distinctive hippocampal zinc distribution patterns following stress exposure in an animal model of PTSD. Metallomics, 2017, 9, 323-333.	1.0	5
451	miR-125b-5p enhances chemotherapy sensitivity to cisplatin by down-regulating Bcl2 in gallbladder cancer. Scientific Reports, 2017, 7, 43109.	1.6	70
452	Reconstitution of HuR-Inhibited CUGBP1 Expression Protects Cardiomyocytes from Acute Myocardial Infarction-Induced Injury. Antioxidants and Redox Signaling, 2017, 27, 1013-1026.	2.5	15
453	BH3 mimetic-elicited Ca2+ signals in pancreatic acinar cells are dependent on Bax and can be reduced by Ca2+-like peptides. Cell Death and Disease, 2017, 8, e2640-e2640.	2.7	9
454	Emerging role of DUBs in tumor metastasis and apoptosis: Therapeutic implication., 2017, 177, 96-107.		71
455	Magic pills: new oral drugs to treat chronic lymphocytic leukemia. Expert Opinion on Pharmacotherapy, 2017, 18, 411-425.	0.9	9
456	Binding affinity of pro-apoptotic BH3 peptides for the anti-apoptotic Mcl-1 and A1 proteins: Molecular dynamics simulations of Mcl-1 and A1 in complex with six different BH3 peptides. Journal of Molecular Graphics and Modelling, 2017, 73, 115-128.	1.3	10
457	BAK regulates catalase release from peroxisomes. Molecular and Cellular Oncology, 2017, 4, e1306610.	0.3	15
458	Novel Indole-based Tambjamine-Analogues Induce Apoptotic Lung Cancer Cell Death through p38 Mitogen-Activated Protein Kinase Activation. Molecular Cancer Therapeutics, 2017, 16, 1224-1235.	1.9	24
459	Raf Kinase Inhibitor Protein Attenuates Ischemic-Induced Microglia Cell Apoptosis and Activation Through NF-κB Pathway. Cellular Physiology and Biochemistry, 2017, 41, 1125-1134.	1.1	23

#	ARTICLE	IF	CITATIONS
460	The BCL-2 family of proteins and mitochondrial outer membrane permeabilisation. Seminars in Cell and Developmental Biology, 2017, 72, 152-162.	2.3	178
461	Non-canonical roles of Bcl-2 and Bcl-xL proteins: relevance of BH4 domain. Carcinogenesis, 2017, 38, 579-587.	1.3	39
462	Synthesis and inÂvitro antitumour activity of crassalactone D, its stereoisomers and novel cinnamic ester derivatives. European Journal of Medicinal Chemistry, 2017, 134, 293-303.	2.6	8
463	Degradation of Mcl-1 through GSK-3β Activation Regulates Apoptosis Induced by Bufalin in Non-Small Cell Lung Cancer H1975 Cells. Cellular Physiology and Biochemistry, 2017, 41, 2067-2076.	1.1	42
464	Cerium oxide nanoparticles (CeO2 NPs) improve the developmental competence of in vitro-matured prepubertal ovine oocytes. Reproduction, Fertility and Development, 2017, 29, 1046.	0.1	20
465	Potential Toxicity of Polymyxins in Human Lung Epithelial Cells. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	34
466	G-Quadruplex surveillance in BCL-2 gene: a promising therapeutic intervention in cancer treatment. Drug Discovery Today, 2017, 22, 1165-1186.	3.2	28
467	Molecular Basis for Mitochondrial Signaling. Biological and Medical Physics Series, 2017, , .	0.3	4
468	14,15-EET Suppresses Neuronal Apoptosis in Ischemia–Reperfusion Through the Mitochondrial Pathway. Neurochemical Research, 2017, 42, 2841-2849.	1.6	27
469	MicroRNA-645 is an oncogenic regulator in colon cancer. Oncogenesis, 2017, 6, e335-e335.	2.1	26
470	Core–Shellâ€structured Dendritic Mesoporous Silica Nanoparticles for Combined Photodynamic Therapy and Antibody Delivery. Chemistry - an Asian Journal, 2017, 12, 1465-1469.	1.7	23
471	Bone marrow mesenchymal stem cells repair cadmium-induced rat testis injury by inhibiting mitochondrial apoptosis. Chemico-Biological Interactions, 2017, 271, 39-47.	1.7	36
472	Cell death and the immune system: getting to how and why. Immunological Reviews, 2017, 277, 4-8.	2.8	9
473	Activity of distinct growth factor receptor network components in breast tumors uncovers two biologically relevant subtypes. Genome Medicine, 2017, 9, 40.	3.6	16
474	Cell death and thymic tolerance. Immunological Reviews, 2017, 277, 9-20.	2.8	37
475	Necroptosis in amyotrophic lateral sclerosis and other neurological disorders. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 347-353.	1.8	37
476	The selective Bcl-2 inhibitor venetoclax, a BH3 mimetic, does not dysregulate intracellular Ca 2+ signaling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 968-976.	1.9	33
477	B Cell Lymphoma-2-Modified Bone Marrow-Derived Mesenchymal Stem Cells Transplantation for the Treatment of Diabetes Mellitus-Induced Erectile Dysfunction in a Rat Model. Urologia Internationalis, 2017, 98, 358-366.	0.6	13

#	Article	IF	CITATIONS
478	BCL-2 family: integrating stress responses at the ER to control cell demise. Cell Death and Differentiation, 2017, 24, 1478-1487.	5.0	184
479	Demethoxycurcumin in combination with ultraviolet radiation B induces apoptosis through the mitochondrial pathway and caspase activation in A431 and HaCaT cells. Tumor Biology, 2017, 39, 101042831770621.	0.8	16
480	A miRNA-101-3p/Bim axis as a determinant of serum deprivation-induced endothelial cell apoptosis. Cell Death and Disease, 2017, 8, e2808-e2808.	2.7	30
481	BCL2 expression in DLBCL: reappraisal of immunohistochemistry with new criteria for therapeutic biomarker evaluation. Blood, 2017, 130, 489-500.	0.6	65
482	Pore formation by dimeric Bak and Bax: an unusual pore?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160218.	1.8	59
483	MIDAS: Mining differentially activated subpaths of KEGG pathways from multi-class RNA-seq data. Methods, 2017, 124, 13-24.	1.9	15
484	Apoptotic Bax at Oxidatively Stressed Mitochondrial Membranes: Lipid Dynamics and Permeabilization. Biophysical Journal, 2017, 112, 2147-2158.	0.2	19
485	Troxerutin (TXN) potentiated 5-Fluorouracil (5-Fu) treatment of human gastric cancer through suppressing STAT3/NF-κB and Bcl-2 signaling pathways. Biomedicine and Pharmacotherapy, 2017, 92, 95-107.	2.5	29
486	Liquiritin (LT) exhibits suppressive effects against the growth of human cervical cancer cells through activating Caspase-3 in vitro and xenograft mice in vivo. Biomedicine and Pharmacotherapy, 2017, 92, 215-228.	2.5	32
487	Control of cell death and mitochondrial fission by <scp>ERK</scp> 1/2 <scp>MAP</scp> kinase signalling. FEBS Journal, 2017, 284, 4177-4195.	2.2	147
488	Peptides extracted from edible mushroom: <i>Lentinus squarrosulus</i> induces apoptosis in human lung cancer cells. Pharmaceutical Biology, 2017, 55, 1792-1799.	1.3	30
489	Post-translational control of T cell development by the ESCRT protein CHMP5. Nature Immunology, 2017, 18, 780-790.	7.0	29
491	Venetoclax Synergizes with Radiotherapy for Treatment of B-cell Lymphomas. Cancer Research, 2017, 77, 3885-3893.	0.4	31
492	Mdm2 Is Required for Survival and Growth of p53-Deficient Cancer Cells. Cancer Research, 2017, 77, 3823-3833.	0.4	38
493	DEC2 expression antagonizes cisplatin-induced apoptosis in human esophageal squamous cell carcinoma. Molecular Medicine Reports, 2017, 16, 43-48.	1.1	7
494	Molecular determinants of radiosensitivity in normal and tumor tissue: A bioinformatic approach. Cancer Letters, 2017, 403, 37-47.	3.2	41
495	Blockade of GLUT1 by WZB117 resensitizes breast cancer cells to adriamycin. Anti-Cancer Drugs, 2017, 28, 880-887.	0.7	38
496	Killers creating new life: caspases drive apoptosis-induced proliferation in tissue repair and disease. Cell Death and Differentiation, 2017, 24, 1390-1400.	5.0	173

#	Article	IF	CITATIONS
497	Anti-apoptotic proteins BCL-2, MCL-1 and A1 summate collectively to maintain survival of immune cell populations both in vitro and in vivo. Cell Death and Differentiation, 2017, 24, 878-888.	5.0	103
498	The Bcl2a1 gene cluster finally knocked out: first clues to understanding the enigmatic role of the Bcl-2 protein A1. Cell Death and Differentiation, 2017, 24, 572-574.	5.0	4
499	The lysine deacetylase Sirtuin 1 modulates the localization and function of the Notch1 receptor in regulatory T cells. Science Signaling, 2017, 10 , .	1.6	18
500	The p53/p21 Complex Regulates Cancer Cell Invasion and Apoptosis by Targeting Bcl-2 Family Proteins. Cancer Research, 2017, 77, 3092-3100.	0.4	166
501	Balsamin induces apoptosis in breast cancer cells via DNA fragmentation and cell cycle arrest. Molecular and Cellular Biochemistry, 2017, 432, 189-198.	1.4	27
502	Structure of a Myeloid cell leukemia-1 (Mcl-1) inhibitor bound to drug site 3 of Human Serum Albumin. Bioorganic and Medicinal Chemistry, 2017, 25, 3087-3092.	1.4	16
503	Role of single disulfide linkages in the folding and activity of scyllatoxin-based BH3 domain mimetics. Journal of Peptide Science, 2017, 23, 367-373.	0.8	6
504	Calcium Transport and Signaling in Mitochondria. , 2017, 7, 623-634.		168
505	[1–9-NαC]-crourorb A1 isolated from Croton urucurana latex induces G2/M cell cycle arrest and apoptosis in human hepatocarcinoma cells. Toxicology Letters, 2017, 273, 44-54.	0.4	7
506	Genetic variants associated with mosaic Y chromosome loss highlight cell cycle genes and overlap with cancer susceptibility. Nature Genetics, 2017, 49, 674-679.	9.4	117
507	Resistance to apoptosis and autophagy leads to enhanced survival in Sertoli cells. Molecular Human Reproduction, 2017, 23, 370-380.	1.3	33
508	Agingâ€related Atg5 defect impairs neutrophil extracellular traps formation. Immunology, 2017, 151, 417-432.	2.0	60
509	The light subunit of mushroom Agaricus bisporus tyrosinase: Its biological characteristics and implications. International Journal of Biological Macromolecules, 2017, 102, 308-314.	3.6	22
510	BCL-2 Proteins and their Role in Cancer Resistance. , 2017, , 475-482.		0
511	The role of conformational heterogeneity in regulating the apoptotic activity of BAX protein. Physical Chemistry Chemical Physics, 2017, 19, 9584-9591.	1.3	8
512	The antiproliferative and apoptotic effects of apigenin on glioblastoma cells. Journal of Pharmacy and Pharmacology, 2017, 69, 907-916.	1.2	32
513	Anticancer activity of Nelumbo nucifera stamen extract in human colon cancer HCT-116 cells in vitro. Oncology Letters, 2017, 13, 1470-1478.	0.8	20
514	The BH4 domain of Bcl-2 orthologues from different classes of vertebrates can act as an evolutionary conserved inhibitor of IP3 receptor channels. Cell Calcium, 2017, 62, 41-46.	1.1	11

#	Article	IF	CITATIONS
515	Control of mitochondrial physiology and cell death by the Bcl-2 family proteins Bax and Bok. Neurochemistry International, 2017, 109, 162-170.	1.9	102
516	Discovery of novel inhibitors of anti-apoptotic Bcl-2 proteins derived from Bim BH3 domain. Chinese Chemical Letters, 2017, 28, 1523-1527.	4.8	8
517	Discovery and structure-activity relationship studies of N-substituted indole derivatives as novel Mcl-1 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1943-1948.	1.0	12
518	Effects and mechanisms of compound Chinese medicine and major ingredients on microcirculatory dysfunction and organ injury induced by ischemia/reperfusion., 2017, 177, 146-173.		143
519	Drug Resistance in Bacteria, Fungi, Malaria, and Cancer. , 2017, , .		13
520	Cytotoxicity of trans-chalcone and licochalcone A against breast cancer cells is due to apoptosis induction and cell cycle arrest. Biomedicine and Pharmacotherapy, 2017, 85, 425-433.	2.5	76
521	Bax and Bak Pores: Are We Closing the Circle?. Trends in Cell Biology, 2017, 27, 266-275.	3.6	154
522	Hepatitis B virus X protein sensitizes HL-7702 cells to oxidative stress-induced apoptosis through modulation of the mitochondrial permeability transition pore. Oncology Reports, 2017, 37, 48-56.	1.2	24
523	Developmental Regulation of Mitochondrial Apoptosis by c-Myc Governs Age- and Tissue-Specific Sensitivity to Cancer Therapeutics. Cancer Cell, 2017, 31, 142-156.	7.7	190
524	Structure Based Design of Non-Natural Peptidic Macrocyclic Mcl-1 Inhibitors. ACS Medicinal Chemistry Letters, 2017, 8, 239-244.	1.3	53
525	Genome-Wide CRISPR Screen Identifies Regulators of Mitogen-Activated Protein Kinase as Suppressors of Liver Tumors in Mice. Gastroenterology, 2017, 152, 1161-1173.e1.	0.6	97
526	Mcl-1 small-molecule inhibitors encapsulated into nanoparticles exhibit increased killing efficacy towards HCMV-infected monocytes. Antiviral Research, 2017, 138, 40-46.	1.9	4
527	Lack of β, βâ€caroteneâ€9′, 10′â€oxygenase 2 leads to hepatic mitochondrial dysfunction and cellular oxid stress in mice. Molecular Nutrition and Food Research, 2017, 61, 1600576.	ative 1.5	33
528	Chaperone-mediated autophagy promotes lung cancer cell survival through selective stabilization of the pro-survival protein, MCL1. Biochemical and Biophysical Research Communications, 2017, 482, 1334-1340.	1.0	25
529	Evaluation of KGF, EGF, VEGF, bcl-2, IL-6 and ki67 expression in oral epithelium adjacent to bisphosphonate-related osteonecrosis and florid osseous dysplasia: a comparative immunohistochemical study. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2017, 124, 548-553.	0.2	0
530	Bioresponsive Chimaeric Nanopolymersomes Enable Targeted and Efficacious Protein Therapy for Human Lung Cancers in Vivo. Chemistry of Materials, 2017, 29, 8757-8765.	3.2	41
531	Non-Hodgkin and Hodgkin Lymphomas Select for Overexpression of BCLW. Clinical Cancer Research, 2017, 23, 7119-7129.	3.2	31
532	Combating subclonal evolution of resistant cancer phenotypes. Nature Communications, 2017, 8, 1231.	5.8	124

#	Article	IF	CITATIONS
533	The induction of apoptosis and autophagy in human hepatoma SMMC-7721 cells by combined treatment with vitamin C and polysaccharides extracted from Grifola frondosa. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 1461-1472.	2.2	19
534	Cytological Assessments and Transcriptome Profiling Demonstrate that Evodiamine Inhibits Growth and Induces Apoptosis in a Renal Carcinoma Cell Line. Scientific Reports, 2017, 7, 12572.	1.6	34
535	Progress in targeting the BCL-2 family of proteins. Current Opinion in Chemical Biology, 2017, 39, 133-142.	2.8	82
536	Role of the lncRNA ABHD11-AS1 in the tumorigenesis and progression of epithelial ovarian cancer through targeted regulation of RhoC. Molecular Cancer, 2017, 16, 138.	7.9	83
537	Mitochondrial outer membrane permeabilization: a focus on the role of mitochondrial membrane structural organization. Biophysical Reviews, 2017, 9, 443-457.	1.5	62
538	Affinity of IDPs to their targets is modulated by ion-specific changes in kinetics and residual structure. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9882-9887.	3.3	67
539	Preclinical Studies on Nanosecond Pulses. , 2017, , 1543-1562.		2
540	Losartan protects against cerebral ischemia/reperfusion-induced apoptosis through \hat{l}^2 -arrestin1-mediated phosphorylation of Akt. European Journal of Pharmacology, 2017, 815, 98-108.	1.7	14
541	Enhanced Sampling of Intrinsic Structural Heterogeneity of the BH3-Only Protein Binding Interface of Bcl-xL. Journal of Physical Chemistry B, 2017, 121, 9160-9168.	1.2	17
542	Transient apoptosis inhibition in donor stem cells improves hematopoietic stem cell transplantation. Journal of Experimental Medicine, 2017, 214, 2967-2983.	4.2	21
543	The optimal regulation mode of Bcl-2 apoptotic switch revealed by bistability analysis. BioSystems, 2017, 162, 44-52.	0.9	14
544	Nucleobase-modified polyamidoamine-mediated miR-23b delivery to inhibit the proliferation and migration of lung cancer. Biomaterials Science, 2017, 5, 2268-2275.	2.6	22
545	Antitumor properties of Coenzyme Q0 against human ovarian carcinoma cells via induction of ROS-mediated apoptosis and cytoprotective autophagy. Scientific Reports, 2017, 7, 8062.	1.6	36
546	Bcl-2 and Bcl-xL mediate resistance to receptor tyrosine kinase-targeted therapy in lung and gastric cancer. Anti-Cancer Drugs, 2017, 28, 1141-1149.	0.7	22
547	Apoptosis-mediated neurotoxicity and altered gene expression induced by silver nanoparticles. Toxicology and Industrial Health, 2017, 33, 757-764.	0.6	25
548	Gold-chrysophanol nanoparticles suppress human prostate cancer progression through inactivating AKT expression and inducing apoptosis and ROS generation in vitro and in vivo. International Journal of Oncology, 2017, 51, 1089-1103.	1.4	26
549	Picornaviruses and Apoptosis: Subversion of Cell Death. MBio, 2017, 8, .	1.8	30
550	Effects of genomic disruption of a guanine quadruplex in the 5′ <scp>UTR</scp> of the Bcl′ <scp>mRNA</scp> in melanoma cells. FEBS Letters, 2017, 591, 3649-3659.	1.3	17

#	Article	IF	CITATIONS
551	Honokiol Attenuates Oligomeric Amyloid \hat{I}^2 1-42-Induced Alzheimerâ \in TM s Disease in Mice Through Attenuating Mitochondrial Apoptosis and Inhibiting the Nuclear Factor Kappa-B Signaling Pathway. Cellular Physiology and Biochemistry, 2017, 43, 69-81.	1.1	53
552	Targeting the differential addiction to anti-apoptotic BCL-2 family for cancer therapy. Nature Communications, 2017, 8, 16078.	5.8	135
553	Apoptosis-related genes induced in response to ketamine during early life stages of zebrafish. Toxicology Letters, 2017, 279, 1-8.	0.4	14
554	Generation of apoptosisâ€resistant HEK293 cells with CRISPR/Cas mediated quadruple gene knockout for improved protein and virus production. Biotechnology and Bioengineering, 2017, 114, 2539-2549.	1.7	11
555	Conformational Heterogeneity in the Activation Mechanism of Bax. Structure, 2017, 25, 1310-1316.e3.	1.6	7
556	Shikonin ameliorates isoproterenol (ISO)-induced myocardial damage through suppressing fibrosis, inflammation, apoptosis and ER stress. Biomedicine and Pharmacotherapy, 2017, 93, 1343-1357.	2.5	62
557	Combining TRAIL and liquiritin exerts synergistic effects against human gastric cancer cells and xenograft in nude mice through potentiating apoptosis and ROS generation. Biomedicine and Pharmacotherapy, 2017, 93, 948-960.	2.5	24
558	Protein–Protein Interaction Inhibitors. Topics in Medicinal Chemistry, 2017, , 399-399.	0.4	1
559	A mechanopharmacology approach to overcome chemoresistance in pancreatic cancer. Drug Resistance Updates, 2017, 31, 43-51.	6.5	43
560	RNA Polymerase Tags To Monitor Multidimensional Protein–Protein Interactions Reveal Pharmacological Engagement of Bcl-2 Proteins. Journal of the American Chemical Society, 2017, 139, 11964-11972.	6.6	16
561	Alterations in Ca2+ Signalling via ER-Mitochondria Contact Site Remodelling in Cancer. Advances in Experimental Medicine and Biology, 2017, 997, 225-254.	0.8	35
562	Implications of Bcl-2 and its interplay with other molecules and signaling pathways in prostate cancer progression. Expert Opinion on Therapeutic Targets, 2017, 21, 911-920.	1.5	19
563	The combination of reduced MCL-1 and standard chemotherapeutics is tolerable in mice. Cell Death and Differentiation, 2017, 24, 2032-2043.	5.0	25
564	Reducing Interstitial Fluid Pressure and Inhibiting Pulmonary Metastasis of Breast Cancer by Gelatin Modified Cationic Lipid Nanoparticles. ACS Applied Materials & Samp; Interfaces, 2017, 9, 29457-29468.	4.0	66
565	Bcl-2 inhibitor uploaded upconversion nanophotosensitizers to overcome the photodynamic therapy resistance of cancer through adjuvant intervention strategy. Biomaterials, 2017, 144, 73-83.	5.7	38
566	Synthetic Lethality of Combined Bcl-2 Inhibition and p53 Activation in AML: Mechanisms and Superior Antileukemic Efficacy. Cancer Cell, 2017, 32, 748-760.e6.	7.7	206
567	Targeted apoptosis of myofibroblasts with the BH3 mimetic ABT-263 reverses established fibrosis. Science Translational Medicine, 2017, 9, .	5.8	155
568	Membrane insertion of the BAX core, but not latch domain, drives apoptotic pore formation. Scientific Reports, 2017, 7, 16259.	1.6	15

#	Article	IF	CITATIONS
569	JNK Promotes Epithelial Cell Anoikis by Transcriptional and Post-translational Regulation of BH3-Only Proteins. Cell Reports, 2017, 21, 1910-1921.	2.9	29
570	Suppression of FIP200 and autophagy by tumor-derived lactate promotes na \tilde{A} ve T cell apoptosis and affects tumor immunity. Science Immunology, 2017, 2, .	5.6	83
571	Tctp in Neuronal Circuitry Assembly. Results and Problems in Cell Differentiation, 2017, 64, 201-215.	0.2	4
572	Primary Immunoprevention of Epithelial Ovarian Carcinoma by Vaccination against the Extracellular Domain of Anti-Müllerian Hormone Receptor II. Cancer Prevention Research, 2017, 10, 612-624.	0.7	11
573	Establishment and characterization of human osteosarcoma cells resistant to pyropheophorbide-α methyl ester-mediated photodynamic therapy. International Journal of Oncology, 2017, 51, 1427-1438.	1.4	20
574	Antiproliferative and apoptosis inducing effects of citral via p53 and ROS-induced mitochondrial-mediated apoptosis in human colorectal HCT116 and HT29 cell lines. Biomedicine and Pharmacotherapy, 2017, 96, 834-846.	2.5	54
575	Critical functions for STAT5 tetramers in the maturation and survival of natural killer cells. Nature Communications, 2017, 8, 1320.	5.8	67
576	Endothelial cell apoptosis in angiogenesis and vessel regression. Cellular and Molecular Life Sciences, 2017, 74, 4387-4403.	2.4	96
577	Bcl-xL deamidation and cancer: Charting the fame trajectories of legitimate child and hidden siblings. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1734-1745.	1.9	11
578	More alive than dead: non-apoptotic roles for caspases in neuronal development, plasticity and disease. Cell Death and Differentiation, 2017, 24, 1411-1421.	5.0	73
579	The BH3-only proteins BIM and PUMA are not critical for the reticulocyte apoptosis caused by loss of the pro-survival protein BCL-XL. Cell Death and Disease, 2017, 8, e2914-e2914.	2.7	18
580	Optimal doses of EGF and GDNF act as biological response modifiers to improve porcine oocyte maturation and quality. Zygote, 2017, 25, 423-433.	0.5	9
581	Quantitative interactome of a membrane Bcl-2 network identifies a hierarchy of complexes for apoptosis regulation. Nature Communications, 2017, 8, 73.	5.8	54
582	Death of adrenocortical cells during murine acute T. cruzi infection is not associated with TNF-R1 signaling but mostly with the type II pathway of Fas-mediated apoptosis. Brain, Behavior, and Immunity, 2017, 65, 284-295.	2.0	9
583	Exploiting the pro-apoptotic function of NOXA as a therapeutic modality in cancer. Expert Opinion on Therapeutic Targets, 2017, 21, 767-779.	1.5	62
584	Potential mechanisms of resistance to venetoclax and strategies to circumvent it. BMC Cancer, 2017, 17, 399.	1.1	141
585	The effect of Astragalus polysaccharides on attenuation of diabetic cardiomyopathy through inhibiting the extrinsic and intrinsic apoptotic pathways in high glucose -stimulated H9C2 cells. BMC Complementary and Alternative Medicine, 2017, 17, 310.	3.7	38
586	Coordination of cellular differentiation, polarity, mitosis and meiosis $\hat{a} \in \text{``New findings from early}$ vertebrate oogenesis. Developmental Biology, 2017, 430, 275-287.	0.9	49

#	Article	IF	CITATIONS
587	C2-ceramide enhances sorafenib-induced caspase-dependent apoptosis via PI3K/AKT/mTOR and Erk signaling pathways in HCC cells. Applied Microbiology and Biotechnology, 2017, 101, 1535-1546.	1.7	40
588	Bcl-2-Ome $\hat{a} \in \mathbb{C}$ a database and interactive web service for dissecting the Bcl-2 interactome. Cell Death and Differentiation, 2017, 24, 192-192.	5.0	4
589	X-ray ionization differential ion mobility spectrometry. Talanta, 2017, 162, 159-166.	2.9	14
590	Pannexin1 as mediator of inflammation and cell death. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 51-61.	1.9	85
591	$PI3K\hat{l}'$ inhibition elicits anti-leukemic effects through Bim-dependent apoptosis. Leukemia, 2017, 31, 1423-1433.	3.3	12
592	Amsacrine-induced apoptosis of human leukemia U937 cells is mediated by the inhibition of AKT- and ERK-induced stabilization of MCL1. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 406-420.	2.2	20
593	Pro-apoptotic cBid and Bax exhibit distinct membrane remodeling activities: An AFM study. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 17-27.	1.4	16
594	Moderate endoplasmic reticulum stress activates a PERK and p38-dependent apoptosis. Cell Stress and Chaperones, 2017, 22, 43-54.	1.2	27
595	Regulation of platelet membrane protein shedding in health and disease. Platelets, 2017, 28, 342-353.	1.1	33
596	Parkin and mitophagy in cancer. Oncogene, 2017, 36, 1315-1327.	2.6	201
597	Apoptotic properties of the type 1 interferon induced family of human mitochondrial membrane ISG12 proteins. Biology of the Cell, 2017, 109, 94-112.	0.7	48
598	How to unleash mitochondrial apoptotic blockades to kill cancers?. Acta Pharmaceutica Sinica B, 2017, 7, 18-26.	5.7	52
599	Functional disparities among BCL-2 members in tonsillar and leukemic B-cell subsets assessed by BH3-mimetic profiling. Cell Death and Differentiation, 2017, 24, 111-119.	5.0	29
600	Advances in mesoporous silica-based nanocarriers for co-delivery and combination therapy against cancer. Expert Opinion on Drug Delivery, 2017, 14, 229-243.	2.4	152
601	hBfl-1/hNOXA Interaction Studies Provide New Insights on the Role of Bfl-1 in Cancer Cell Resistance and for the Design of Novel Anticancer Agents. ACS Chemical Biology, 2017, 12, 444-455.	1.6	34
602	Structure-inherent near-infrared fluorescent probe mediates apoptosis imaging and targeted drug delivery inÂvivo. Dyes and Pigments, 2017, 138, 204-212.	2.0	11
603	Discovery and biological characterization of potent myeloid cell leukemiaâ€1 inhibitors. FEBS Letters, 2017, 591, 240-251.	1.3	49
604	NFκBP65 transcription factor modulates resistance to doxorubicin through ABC transporters in breast cancer. Breast Cancer, 2017, 24, 552-561.	1.3	19

#	Article	IF	CITATIONS
605	miR-34a increases cisplatin sensitivity of osteosarcoma cells in vitro through up-regulation of c-Myc and Bim signal. Cancer Biomarkers, 2017, 21, 135-144.	0.8	31
606	MiR-98 Promotes Apoptosis of Glioma Cells via Suppressing IKBKE/NF-κB Pathway. Technology in Cancer Research and Treatment, 2017, 16, 1226-1234.	0.8	11
607	Parthenolide prevents resistance of MDA-MB231 cells to doxorubicin and mitoxantrone: the role of Nrf2. Cell Death Discovery, 2017, 3, 17078.	2.0	57
608	Towards re-purposing BH3-mimetics in <i>Legionella</i> and viral infections. Expert Review of Anti-Infective Therapy, 2017, 15, 1071-1073.	2.0	0
609	Blockade of Inflammation and Apoptosis Pathways by siRNA Prolongs Cold Preservation Time and Protects Donor Hearts in a Porcine Model. Molecular Therapy - Nucleic Acids, 2017, 9, 428-439.	2.3	17
610	Loperamide, an antidiarrheal agent, induces apoptosis and DNA damage in leukemia cells. Oncology Letters, 2017, 15, 765-774.	0.8	1
611	Bax-inhibiting peptide attenuates bleomycin-induced lung injury in mice. Biology Open, 2017, 6, 1869-1875.	0.6	8
612	Escin induces caspase-dependent apoptosis and autophagy through the ROS/p38 MAPK signalling pathway in human osteosarcoma cells in vitro and in vivo. Cell Death and Disease, 2017, 8, e3113-e3113.	2.7	115
613	Voruciclib, a clinical stage oral CDK9 inhibitor, represses MCL-1 and sensitizes high-risk Diffuse Large B-cell Lymphoma to BCL2 inhibition. Scientific Reports, 2017, 7, 18007.	1.6	76
614	CD44-shRNA recombinant adenovirus inhibits cell proliferation, invasion, and migration, and promotes apoptosis in HCT116 colon cancer cells. International Journal of Oncology, 2017, 50, 329-336.	1.4	29
615	IP3 Receptor Properties and Function at Membrane Contact Sites. Advances in Experimental Medicine and Biology, 2017, 981, 149-178.	0.8	19
616	Apoptotic Effects of Etodolac in Breast Cancer Cell Cultures. , 2017, , .		1
617	A novel deubiquitinase inhibitor b-AP15 triggers apoptosis in both androgen receptor-dependent and -independent prostate cancers. Oncotarget, 2017, 8, 63232-63246.	0.8	36
618	Pak2 regulates myeloid-derived suppressor cell development in mice. Blood Advances, 2017, 1, 1923-1933.	2.5	13
619	Programmed Cell Death., 2017,, 797-815.		1
620	BH3 Mimetics for the Treatment of Prostate Cancer. Frontiers in Pharmacology, 2017, 8, 557.	1.6	13
621	Furanodiene Induces Extrinsic and Intrinsic Apoptosis in Doxorubicin-Resistant MCF-7 Breast Cancer Cells via NF-κB-Independent Mechanism. Frontiers in Pharmacology, 2017, 8, 648.	1.6	20
622	Inorganic Kernel-Reconstituted Lipoprotein Biomimetic Nanovehicles Enable Efficient Targeting "Trojan Horse―Delivery of STAT3-Decoy Oligonucleotide for Overcoming TRAIL Resistance. Theranostics, 2017, 7, 4480-4497.	4.6	9

#	Article	IF	CITATIONS
623	All in one – integrating cell polarity, meiosis, mitosis and mechanical forces in early oocyte differentiation in vertebrates. International Journal of Developmental Biology, 2017, 61, 179-193.	0.3	26
624	A Novel Polysaccharide Conjugate from Bullacta exarata Induces G1-Phase Arrest and Apoptosis in Human Hepatocellular Carcinoma HepG2 Cells. Molecules, 2017, 22, 384.	1.7	11
625	Oleuropein and Cancer Chemoprevention: The Link is Hot. Molecules, 2017, 22, 705.	1.7	57
626	Regulation of Apoptosis during Flavivirus Infection. Viruses, 2017, 9, 243.	1.5	63
627	The Bcl-2 Family in Host-Virus Interactions. Viruses, 2017, 9, 290.	1.5	87
628	Icariside II, a Broad-Spectrum Anti-cancer Agent, Reverses Beta-Amyloid-Induced Cognitive Impairment through Reducing Inflammation and Apoptosis in Rats. Frontiers in Pharmacology, 2017, 8, 39.	1.6	40
629	Thioredoxin-Interacting Protein Mediates Apoptosis in Early Brain Injury after Subarachnoid Haemorrhage. International Journal of Molecular Sciences, 2017, 18, 854.	1.8	23
630	Loss of BAX by miR-365 Promotes Cutaneous Squamous Cell Carcinoma Progression by Suppressing Apoptosis. International Journal of Molecular Sciences, 2017, 18, 1157.	1.8	30
631	Cudraflavone C Induces Apoptosis of A375.S2 Melanoma Cells through Mitochondrial ROS Production and MAPK Activation. International Journal of Molecular Sciences, 2017, 18, 1508.	1.8	41
632	Legionella pneumophila Strain 130b Evades Macrophage Cell Death Independent of the Effector SidF in the Absence of Flagellin. Frontiers in Cellular and Infection Microbiology, 2017, 7, 35.	1.8	18
633	Manipulation of Neutrophils by Porphyromonas gingivalis in the Development of Periodontitis. Frontiers in Cellular and Infection Microbiology, 2017, 7, 197.	1.8	63
634	Immunogenicity of DNA Vaccine against H5N1 Containing Extended Kappa B Site: In Vivo Study in Mice and Chickens. Frontiers in Immunology, 2017, 8, 1012.	2.2	3
635	Executioner caspases and CAD are essential for mutagenesis induced by TRAIL or vincristine. Cell Death and Disease, 2017, 8, e3062-e3062.	2.7	29
636	Progress in Industrial Mathematics at ECMI 2016. Mathematics in Industry, 2017, , .	0.1	4
637	The Involvement of Mg ²⁺ in Regulation of Cellular and Mitochondrial Functions. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-8.	1.9	104
638	A Review of the Potential of Phytochemicals from <i> Prunus africana</i> (Hook f.) Kalkman Stem Bark for Chemoprevention and Chemotherapy of Prostate Cancer. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-10.	0.5	44
639	MicroRNA-377 Downregulates Bcl-xL and Increases Apoptosis in Hepatocellular Carcinoma Cells. Oncology Research, 2017, 25, 29-34.	0.6	16
640	Complementary dynamic BH3 profiles predict co-operativity between the multi-kinase inhibitor TG02 and the BH3 mimetic ABT-199 in acute myeloid leukaemia cells. Oncotarget, 2017, 8, 16220-16232.	0.8	22

#	Article	IF	CITATIONS
641	Cell Responses to DNA Damage â~†., 2017, , 315-315.		1
642	Cyclin-dependent kinase 2 inhibitor SU9516 increases sensitivity of colorectal carcinoma cells Caco-2 but not HT29 to BH3 mimetic ABT-737. General Physiology and Biophysics, 2017, 36, 539-547.	0.4	8
643	Manganese and Mitochondrial Function., 2017,, 389-396.		4
644	MicroRNA regulation of autophagy in cardiovascular disease. Frontiers in Bioscience - Landmark, 2017, 22, 48-65.	3.0	23
645	APG-1252-12A induces mitochondria-dependent apoptosis through inhibiting the antiapoptotic proteins Bcl-2/Bcl-xl in HL-60 cells. International Journal of Oncology, 2017, 51, 563-572.	1.4	22
646	Downregulation of UBC9 promotes apoptosis of activated human LX-2 hepatic stellate cells by suppressing the canonical NF-κB signaling pathway. PLoS ONE, 2017, 12, e0174374.	1.1	11
647	Live-cell imaging to measure BAX recruitment kinetics to mitochondria during apoptosis. PLoS ONE, 2017, 12, e0184434.	1.1	26
648	Quantitative analysis and comparison of 3D morphology between viable and apoptotic MCF-7 breast cancer cells and characterization of nuclear fragmentation. PLoS ONE, 2017, 12, e0184726.	1.1	16
649	An essential EBV latent antigen 3C binds Bcl6 for targeted degradation and cell proliferation. PLoS Pathogens, 2017, 13, e1006500.	2.1	29
650	Emergent Behaviour in T Cell Immune Response. Mathematics in Industry, 2017, , 17-23.	0.1	O
651	Over-expression of BAG-1 in head and neck squamous cell carcinomas (HNSCC) is associated with cisplatin-resistance. Journal of Translational Medicine, 2017, 15, 189.	1.8	13
652	Correlation of MMP-9 and p53 protein expression with prognosis in metastatic spinal tumor of lung cancer. Oncology Letters, 2017, 14, 5452-5456.	0.8	2
653	Gene Expression Assays for Early-Stage Hormone Receptor–Positive Breast Cancer: Understanding the Differences. JNCI Cancer Spectrum, 2017, 1, pkx008.	1.4	3
654	Small-Molecule Inhibitors of Protein–Protein Interactions. , 2017, , 329-353.		7
655	Apoptosis of Lewis Lung Carcinoma Cells Induced by Microwave via p53 and Proapoptotic Proteins In vivo. Chinese Medical Journal, 2017, 130, 15-22.	0.9	5
656	Protein–Protein Interaction Inhibitors in Cancer. , 2017, , 154-201.		3
657	Dihydromyricetin protects against lipopolysaccharide-induced cardiomyocyte injury through the toll-like receptor-4/nuclear factor-ÎB pathway. Molecular Medicine Reports, 2017, 16, 8983-8988.	1.1	16
658	T follicular helper cells: a potential therapeutic target in follicular lymphoma. Oncotarget, 2017, 8, 112116-112131.	0.8	25

#	Article	IF	CITATIONS
659	RIP1 is a central signaling protein in regulation of TNF- $\hat{l}\pm$ /TRAIL mediated apoptosis and necroptosis during Newcastle disease virus infection. Oncotarget, 2017, 8, 43201-43217.	0.8	35
660	Coptidis Rhizoma induces intrinsic apoptosis through BAX and BAK activation in human melanoma. Oncology Reports, 2017, 38, 538-544.	1.2	10
661	YCl ₃ Promotes Neuronal Cell Death by Inducing Apoptotic Pathways in Rats. BioMed Research International, 2017, 2017, 1-6.	0.9	9
662	FDA-approved immunosuppressants targeting staphylococcal superantigens: mechanisms and insights. ImmunoTargets and Therapy, 2017, Volume 6, 17-29.	2.7	6
663	The MYCN Protein in Health and Disease. Genes, 2017, 8, 113.	1.0	112
664	Apoptotic induction and inhibition of NF-& p;kappa;B signaling pathway in human prostatic cancer PC3 cells by natural compound 2,2& p; amp; approximately ap	1.0	17
665	Targeting Polo-like kinase 1 in SMARCB1 deleted atypical teratoid rhabdoid tumor. Oncotarget, 2017, 8, 97290-97303.	0.8	15
666	IN SILICO STUDY OF ARYL EUGENOL DERIVATIVES AS ANTI-COLORECTAL CANCER BY INDUCING OF APOPTOSIS. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 345.	0.3	1
667	Systems pharmacological analysis of mitochondrial cardiotoxicity induced by selected tyrosine kinase inhibitors. Journal of Pharmacokinetics and Pharmacodynamics, 2018, 45, 401-418.	0.8	9
668	Apoptosis and Cancer: Force Awakens, Phantom Menace, or Both?. International Review of Cell and Molecular Biology, 2018, 337, 135-152.	1.6	45
669	Mcl-1 and Bcl-xL sequestration of Bak confers differential resistance to BH3-only proteins. Cell Death and Differentiation, 2018, 25, 721-734.	5.0	44
670	Curcumin induces apoptosis and inhibits proliferation in infantile hemangioma endothelial cells via downregulation of MCL-1 and HIF-1α. Medicine (United States), 2018, 97, e9562.	0.4	18
671	Production and Structural Analysis of Membraneâ€Anchored Proteins in Phospholipid Nanodiscs. Chemistry - A European Journal, 2018, 24, 5493-5499.	1.7	21
672	BAK/BAX macropores facilitate mitochondrial herniation and mtDNA efflux during apoptosis. Science, 2018, 359, .	6.0	581
673	Perturbing mitosis for anti ancer therapy: is cell death the only answer?. EMBO Reports, 2018, 19, .	2.0	67
674	Epirubicin induces apoptosis in osteoblasts through death-receptor and mitochondrial pathways. Apoptosis: an International Journal on Programmed Cell Death, 2018, 23, 226-236.	2.2	27
675	The AKT/BCL-2 Axis Mediates Survival of Uterine Leiomyoma in a Novel 3D Spheroid Model. Endocrinology, 2018, 159, 1453-1462.	1.4	14
676	Venetoclax: A new wave in hematooncology. Experimental Hematology, 2018, 61, 10-25.	0.2	7 3

#	Article	IF	CITATIONS
677	Nickel(II) bis(isatin thiosemicarbazone) complexes induced apoptosis through mitochondrial signaling pathway and GO/G1 cell cycle arrest in IM-9 cells. Journal of Inorganic Biochemistry, 2018, 182, 208-221.	1.5	68
678	The pro-apoptotic protein Bmf co-operates with Bim and Puma in neuron death induced by \hat{l}^2 -amyloid or NGF deprivation. Molecular and Cellular Neurosciences, 2018, 88, 249-257.	1.0	19
679	Dual function of programmed cell death 10 (PDCD10) in drug resistance. Biomedicine and Pharmacotherapy, 2018, 101, 129-136.	2.5	15
680	Effect of miR-21 on Apoptosis in Lung Cancer Cell Through Inhibiting the PI3K/ Akt/NF-κB Signaling Pathway in Vitro and in Vivo. Cellular Physiology and Biochemistry, 2018, 46, 999-1008.	1.1	58
681	The dietary compound luteolin inhibits pancreatic cancer growth by targeting BCL-2. Food and Function, 2018, 9, 3018-3027.	2.1	52
682	Mechanisms and treatment of organ failure in sepsis. Nature Reviews Nephrology, 2018, 14, 417-427.	4.1	395
683	Insights into apoptotic proteins in chemotherapy: quantification techniques and informing therapy choice. Expert Review of Proteomics, 2018, 15, 413-429.	1.3	2
684	Changes in the radicular pulp-dentine complex in healthy intact teeth and in response to deep caries or restorations: A histological and histobacteriological study. Journal of Dentistry, 2018, 73, 76-90.	1.7	36
685	Estrogen receptor \hat{l}_{\pm} contributes to T cellâ \in "mediated autoimmune inflammation by promoting T cell activation and proliferation. Science Signaling, 2018, 11, .	1.6	108
686	Non-viral delivery systems for CRISPR/Cas9-based genome editing: Challenges and opportunities. Biomaterials, 2018, 171, 207-218.	5.7	289
687	Turning On/Off the Anti-Tumor Effect of the Au Cluster via Atomically Controlling Its Molecular Size. ACS Nano, 2018, 12, 4378-4386.	7.3	34
688	$3\hat{a}\in^2$ -Hydroxy-3, $4\hat{a}\in^2$ -dimethoxyflavone-induced cell death in human leukaemia cells is dependent on caspases and reactive oxygen species and attenuated by the inhibition of JNK/SAPK. Chemico-Biological Interactions, 2018, 288, 1-11.	1.7	11
689	BH3-dependent and independent activation of BAX and BAK in mitochondrial apoptosis. Current Opinion in Physiology, 2018, 3, 71-81.	0.9	55
690	The protective roles of L-borneolum, D-borneolum and synthetic borneol in cerebral ischaemia via modulation of the neurovascular unit. Biomedicine and Pharmacotherapy, 2018, 102, 874-883.	2.5	45
691	<i>NRAS</i> -Mutated Rhabdomyosarcoma Cells Are Vulnerable to Mitochondrial Apoptosis Induced by Coinhibition of MEK and Pl3K \hat{l}± . Cancer Research, 2018, 78, 2000-2013.	0.4	15
692	BAK/BAX-Mediated Apoptosis Is a Myc-Induced Roadblock toÂReprogramming. Stem Cell Reports, 2018, 10, 331-338.	2.3	16
693	Dual inhibitors of the pro-survival proteins Bcl-2 and Mcl-1 derived from natural compound meiogynin A. European Journal of Medicinal Chemistry, 2018, 148, 26-38.	2.6	23
694	Apoptosis and Clearance of Apoptotic Cells. Annual Review of Immunology, 2018, 36, 489-517.	9.5	674

#	Article	IF	CITATIONS
695	BH3 mimetics as anti-fibrotic therapy: Unleashing the mitochondrial pathway of apoptosis in myofibroblasts. Matrix Biology, 2018, 68-69, 94-105.	1.5	30
696	Quantitative assessment of the sensitivity of dormant AML cells to the BAD mimetics ABT-199 and ABT-737. Leukemia and Lymphoma, 2018, 59, 2447-2453.	0.6	3
697	Piperlongumine restores the balance of autophagy and apoptosis by increasing BCL2 phosphorylation in rotenone-induced Parkinson disease models. Autophagy, 2018, 14, 845-861.	4.3	167
698	BIM and NOXA are mitochondrial effectors of TAF6Î-driven apoptosis. Cell Death and Disease, 2018, 9, 70.	2.7	9
699	The BAX/BAK-like protein BOK is a prognostic marker in colorectal cancer. Cell Death and Disease, 2018, 9, 125.	2.7	23
700	Dynamic Changes of the Mitochondria in Psychiatric Illnesses: New Mechanistic Insights From Human Neuronal Models. Biological Psychiatry, 2018, 83, 751-760.	0.7	41
701	Iterative optimization yields Mcl- $1\hat{a}$ e 'targeting stapled peptides with selective cytotoxicity to Mcl- $1\hat{a}$ e 'dependent cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E886-E895.	3.3	69
702	Deubiquitinase USP13 dictates MCL1 stability and sensitivity to BH3 mimetic inhibitors. Nature Communications, 2018, 9, 215.	5.8	108
703	Anti-apoptotic A1 is not essential for lymphoma development in EÂ μ -Myc mice but helps sustain transplanted EÂ μ -Myc tumour cells. Cell Death and Differentiation, 2018, 25, 797-808.	5.0	15
704	B cell lymphoma 2 (Bcl-2) residues essential for Bcl-2's apoptosis-inducing interaction with Nur77/Nor-1 orphan steroid receptors. Journal of Biological Chemistry, 2018, 293, 4724-4734.	1.6	20
705	TFAM is a novel mediator of immunogenic cancer cell death. Oncolmmunology, 2018, 7, e1431086.	2.1	29
706	Structural elucidation, in vitro cytotoxicity evaluation and mechansim study of newly secluded bioactive compound from the leaf extracts of Basella rubra L Process Biochemistry, 2018, 67, 175-183.	1.8	3
707	PUM1 promotes ovarian cancer proliferation, migration and invasion. Biochemical and Biophysical Research Communications, 2018, 497, 313-318.	1.0	38
708	Systems modeling accurately predicts responses to genotoxic agents and their synergism with BCL-2 inhibitors in triple negative breast cancer cells. Cell Death and Disease, 2018, 9, 42.	2.7	38
709	Elevated Phosphate Levels Trigger Autophagy-Mediated Cellular Apoptosis in H9c2 Cardiomyoblasts. CardioRenal Medicine, 2018, 8, 31-40.	0.7	8
710	The BET bromodomain inhibitor CPI203 overcomes resistance to ABT-199 (venetoclax) by downregulation of BFL-1/A1 in in vitro and in vivo models of MYC+/BCL2+ double hit lymphoma. Oncogene, 2018, 37, 1830-1844.	2.6	69
711	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036
712	Development of fluorinated polyplex nanoemulsions for improved small interfering RNA delivery and cancer therapy. Nano Research, 2018, 11, 3746-3761.	5.8	37

#	Article	IF	CITATIONS
713	New limits of sensitivity of site-directed spin labeling electron paramagnetic resonance for membrane proteins. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 841-853.	1.4	34
714	Coptisine-induced apoptosis in human colon cancer cells (HCT-116) is mediated by PI3K/Akt and mitochondrial-associated apoptotic pathway. Phytomedicine, 2018, 48, 152-160.	2.3	63
715	Quasi-Stem Cells Derived from Human Somatic Cells by Chemically Modified Carbon Nanotubes. ACS Applied Materials & Derived from Human Somatic Cells by Chemically Modified Carbon Nanotubes. ACS Applied Materials & Derived from Human Somatic Cells by Chemically Modified Carbon Nanotubes. ACS Applied Materials & Derived from Human Somatic Cells by Chemically Modified Carbon Nanotubes. ACS Applied Materials & Derived from Human Somatic Cells by Chemically Modified Carbon Nanotubes. ACS Applied Materials & Derived from Human Somatic Cells by Chemically Modified Carbon Nanotubes. ACS Applied Materials & Derived from Human Somatic Cells by Chemically Modified Carbon Nanotubes. ACS Applied Materials & Derived from Human Somatic Cells by Chemically Modified Carbon Nanotubes.	4.0	4
716	Brevilin A induces apoptosis and autophagy of colon adenocarcinoma cell CT26 via mitochondrial pathway and PI3K/AKT/mTOR inactivation. Biomedicine and Pharmacotherapy, 2018, 98, 619-625.	2.5	49
717	MOMP, cell suicide as a BCL-2 family business. Cell Death and Differentiation, 2018, 25, 46-55.	5.0	450
718	A concise review of BCL-2 inhibition in acute myeloid leukemia. Expert Review of Hematology, 2018, 11, 145-154.	1.0	24
719	Optimization of Potent and Selective Tricyclic Indole Diazepinone Myeloid Cell Leukemia-1 Inhibitors Using Structure-Based Design. Journal of Medicinal Chemistry, 2018, 61, 2410-2421.	2.9	47
720	Cloning of a novel lectin from Artocarpus lingnanensis that induces apoptosis in human B-lymphoma cells. Bioscience, Biotechnology and Biochemistry, 2018, 82, 258-267.	0.6	4
721	IL-13 in LPS-Induced Inflammation Causes Bcl-2 Expression to Sustain Hyperplastic Mucous cells. Scientific Reports, 2018, 8, 436.	1.6	18
722	Getting the "Kill―into "Shock and Kill― Strategies to Eliminate Latent HIV. Cell Host and Microbe, 2018, 23, 14-26.	5.1	285
723	BIM Binding Remotely Regulates BAX Activation: Insights from the Free Energy Landscapes. Journal of Chemical Information and Modeling, 2018, 58, 370-382.	2.5	5
724	Alzheimer's Disease: From Firing Instability to Homeostasis Network Collapse. Neuron, 2018, 97, 32-58.	3.8	188
725	A hybrid of coumarin and phenylsulfonylfuroxan induces caspase-dependent apoptosis and cytoprotective autophagy in lung adenocarcinoma cells. Phytomedicine, 2018, 39, 160-167.	2.3	15
726	Total Synthesis of Desmethyl Jahanyne and Its Lipo-Tetrapeptide Conjugates Derived from Parent Skeleton as BCL-2-Mediated Apoptosis-Inducing Agents. ACS Omega, 2018, 3, 63-75.	1.6	13
727	The impact of phosphatases on proliferative and survival signaling in cancer. Cellular and Molecular Life Sciences, 2018, 75, 2695-2718.	2.4	27
728	Co-targeting of BET proteins and HDACs as a novel approach to trigger apoptosis in rhabdomyosarcoma cells. Cancer Letters, 2018, 428, 160-172.	3.2	38
729	The rescue effect of mesenchymal stem cell on sodium iodate-induced retinal pigment epithelial cell death through deactivation of NF- $\hat{\mathbb{P}}$ B-mediated NLRP3 inflammasome. Biomedicine and Pharmacotherapy, 2018, 103, 517-523.	2.5	22
730	Bax retrotranslocation potentiates Bcl-xL's antiapoptotic activity and is essential for switch-like transitions between MOMP competency and resistance. Cell Death and Disease, 2018, 9, 430.	2.7	14

#	Article	IF	CITATIONS
731	Tacrine derivatives stimulate human glioma SF295 cell death and alter important proteins related to disease development: An old drug for new targets. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 1527-1536.	1.1	10
732	Trifluoperazine induces apoptosis through the upregulation of Bax/Bcl‑2 and downregulated phosphorylation of AKT in mesangial cells and improves renal function in lupus nephritis mice. International Journal of Molecular Medicine, 2018, 41, 3278-3286.	1.8	10
733	Immune Paralysis in Sepsis: Recent Insights and Future Development. Annual Update in Intensive Care and Emergency Medicine, 2018, , 13-23.	0.1	1
734	Varicella-Zoster Virus ORF63 Protects Human Neuronal and Keratinocyte Cell Lines from Apoptosis and Changes Its Localization upon Apoptosis Induction. Journal of Virology, 2018, 92, .	1.5	14
735	Mitocans: Mitochondrially Targeted Anti-cancer Drugs. , 2018, , 613-635.		6
736	Kröhnke pyridines: Rapid and facile access to Mcl-1 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1949-1953.	1.0	13
737	Bicyclic Helical Peptides as Dual Inhibitors Selective for Bcl2A1 and Mcl-1 Proteins. Journal of Medicinal Chemistry, 2018, 61, 2962-2972.	2.9	47
738	PUMA amplifies necroptosis signaling by activating cytosolic DNA sensors. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3930-3935.	3.3	121
739	Loss of Wilms tumor 1 protein is a marker for apoptosis in response to replicative stress in leukemic cells. Archives of Toxicology, 2018, 92, 2119-2135.	1.9	9
740	Fibroblast growth factor receptor inhibition induces loss of matrix MCL1 and necrosis in cholangiocarcinoma. Journal of Hepatology, 2018, 68, 1228-1238.	1.8	17
741	Bex1 attenuates neuronal apoptosis in rat intracerebral hemorrhage model. Pathology Research and Practice, 2018, 214, 527-535.	1.0	9
742	Chrysotoxene induces apoptosis of human hepatoblastoma HepG2 cells in \tilde{A} - $\hat{A}_2\hat{A}_2$ /2vitro and in \tilde{A} - $\hat{A}_2\hat{A}_2$ /2vivo via activation of the mitochondria-mediated apoptotic signaling pathway. Oncology Letters, 2018, 15, 4611-4618.	0.8	10
743	Insights into the structural/conformational requirements of cytotoxic oxadiazoles as potential chemotherapeutic target binding agents. Journal of Molecular Structure, 2018, 1164, 9-22.	1.8	7
744	Intracellular Desmoglein-2 cleavage sensitizes epithelial cells to apoptosis in response to pro-inflammatory cytokines. Cell Death and Disease, 2018, 9, 389.	2.7	22
745	Caspase-Dependent Apoptosis Induction via Viral Protein ORF4 of Porcine Circovirus 2 Binding to Mitochondrial Adenine Nucleotide Translocase 3. Journal of Virology, 2018, 92, .	1.5	27
746	Inference to the More Robust Explanation. British Journal for the Philosophy of Science, 2018, 69, 75-102.	1.4	10
747	Effects of cadmium on <i>Bcl-2</i> / <i>Bax</i> expression ratio in rat cortex brain and hippocampus. Human and Experimental Toxicology, 2018, 37, 321-328.	1.1	40
748	Ageâ€related effect of cell death on fiber morphology and number in tongue muscle. Muscle and Nerve, 2018, 57, E29-E37.	1.0	13

#	Article	IF	Citations
749	Targeting the NF-E2-Related Factor 2 Pathway: a Novel Strategy for Traumatic Brain Injury. Molecular Neurobiology, 2018, 55, 1773-1785.	1.9	53
750	Multiple roles of glyoxalase 1-mediated suppression of methylglyoxal glycation in cancer biologyâ€"Involvement in tumour suppression, tumour growth, multidrug resistance and target for chemotherapy. Seminars in Cancer Biology, 2018, 49, 83-93.	4.3	58
751	Protein kinase C (PKC) isoforms in cancer, tumor promotion and tumor suppression. Seminars in Cancer Biology, 2018, 48, 36-52.	4.3	181
752	Enhancing venetoclax activity in acute myeloid leukemia by co-targeting MCL1. Leukemia, 2018, 32, 303-312.	3.3	123
753	Bax, Bak and beyond â€" mitochondrial performance in apoptosis. FEBS Journal, 2018, 285, 416-431.	2.2	539
754	In silico approaches to identify novel myeloid cell leukemia-1 (Mcl-1) inhibitors for treatment of cancer. Journal of Biomolecular Structure and Dynamics, 2018, 36, 2424-2435.	2.0	1
755	Sodium salicylate modulates inflammatory responses through AMPâ€activated protein kinase activation in LPSâ€stimulated THPâ€1 cells. Journal of Cellular Biochemistry, 2018, 119, 850-860.	1.2	19
756	Loss of BIM increases mitochondrial oxygen consumption and lipid oxidation, reduces adiposity and improves insulin sensitivity in mice. Cell Death and Differentiation, 2018, 25, 217-225.	5.0	18
757	Apoptosis induced by Moringa oleifera Lam. pod in mouse colon carcinoma model. Comparative Clinical Pathology, 2018, 27, 21-30.	0.3	5
758	Rational combination strategies to enhance venetoclax activity and overcome resistance in hematologic malignancies. Leukemia and Lymphoma, 2018, 59, 1292-1299.	0.6	8
759	Apoptosis and expression of apoptosis-related genes in mouse intestinal tissue after whole-body proton exposure. Molecular and Cellular Biochemistry, 2018, 442, 155-168.	1.4	9
760	Lycium barbarum polysaccharide protects against oxygen glucose deprivation/reoxygenation-induced apoptosis and autophagic cell death via the PI3K/Akt/mTOR signaling pathway in primary cultured hippocampal neurons. Biochemical and Biophysical Research Communications, 2018, 495, 1187-1194.	1.0	56
761	Bad phosphorylation as a target of inhibition in oncology. Cancer Letters, 2018, 415, 177-186.	3.2	58
762	DIDS inhibits overexpression BAK1â€induced mitochondrial apoptosis through GSK3β∫βâ€catenin signaling pathway. Journal of Cellular Physiology, 2018, 233, 5070-5077.	2.0	8
763	Discovery of Mcl-1 inhibitors based on a thiazolidine-2,4-dione scaffold. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 523-528.	1.0	14
764	N-terminal acetylation modulates Bax targeting to mitochondria. International Journal of Biochemistry and Cell Biology, 2018, 95, 35-42.	1.2	15
765	Physiological functions of non-apoptotic caspase activity in the nervous system. Seminars in Cell and Developmental Biology, 2018, 82, 127-136.	2.3	49
766	The Power Behind the Throne: Senescence and the Hallmarks of Cancer. Annual Review of Cancer Biology, 2018, 2, 175-194.	2.3	21

#	Article	IF	Citations
767	Inside job: Staphylococcus aureus host-pathogen interactions. International Journal of Medical Microbiology, 2018, 308, 607-624.	1.5	148
768	Mitochondrial metabolism and cancer. Cell Research, 2018, 28, 265-280.	5.7	818
769	Long noncoding RNA FTX regulates cardiomyocyte apoptosis by targeting miR-29b-1-5p and Bcl2l2. Biochemical and Biophysical Research Communications, 2018, 495, 312-318.	1.0	81
770	The BCL-2 arbiters of apoptosis and their growing role as cancer targets. Cell Death and Differentiation, 2018, 25, 27-36.	5.0	422
771	How does p53 induce apoptosis and how does this relate to p53-mediated tumour suppression?. Cell Death and Differentiation, 2018, 25, 104-113.	5.0	820
772	Identification of Pleiotropic Cancer Susceptibility Variants from Genome-Wide Association Studies Reveals Functional Characteristics. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 75-85.	1.1	25
773	BCL2: a 30-year tale of life, death and much more to come. Cell Death and Differentiation, 2018, 25, 7-9.	5.0	22
774	Comprehensive identification of proteins binding to RNA G-quadruplex motifs in the 5′ UTR of tumor-associated mRNAs. Biochimie, 2018, 144, 169-184.	1.3	41
775	Lipotoxicity and the gut-liver axis in NASH pathogenesis. Journal of Hepatology, 2018, 68, 280-295.	1.8	566
776	Bryophyllum pinnatum leaves ethanol extract inhibit maturation and promote apoptosis of systemic lupus erythematosus BALB/c mice B cells. Medical Journal of Indonesia, 2018, 26, 253-60.	0.2	3
777	Ginsenoside-Rg5 Inhibits Retinoblastoma Proliferation and Induces Apoptosis through Suppressing BCL2 Expression. Chemotherapy, 2018, 63, 293-300.	0.8	15
778	Apigenin induces apoptosis by suppressing Bcl-xl and Mcl-1 simultaneously via signal transducer and activator of transcription 3 signaling in colon cancer. International Journal of Oncology, 2018, 52, 1661-1673.	1.4	33
779	MMP‑1 is overexpressed in triple‑negative breast cancer tissues and the knockdown of MMP‑1 expression inhibits tumor cell malignant behaviors in�vitro. Oncology Letters, 2019, 17, 1732-1740.	0.8	38
780	Accessing local structural disruption of Bid protein during thermal denaturation by absorption-mode ESR spectroscopy. RSC Advances, 2018, 8, 34656-34669.	1.7	6
781	Hydroxytyrosol protects against myocardial ischemia reperfusion injury by inhibiting mitochondrial permeability transition pore opening. Experimental and Therapeutic Medicine, 2018, 17, 671-678.	0.8	8
782	Strategies targeting cellular senescence. Journal of Clinical Investigation, 2018, 128, 1247-1254.	3.9	153
783	Vacquinol‑1 induces apoptosis in hepatocellular carcinoma cell. Molecular Medicine Reports, 2018, 18, 557-563.	1.1	1
784	Apoptosis: Mediator Molecules, Interplay with Other Cell Death Processes and Therapeutic Potentials. Current Pharmaceutical Biotechnology, 2018, 19, 644-663.	0.9	27

#	Article	IF	CITATIONS
785	The Role of Bruton's Tyrosine Kinase in Immune Cell Signaling and Systemic Autoimmunity. Critical Reviews in Immunology, 2018, 38, 17-62.	1.0	80
786	Hematologic Tumor Cell Resistance to the BCL-2 Inhibitor Venetoclax: A Product of Its Microenvironment?. Frontiers in Oncology, 2018, 8, 458.	1.3	30
787	ABT-737 ameliorates docetaxel resistance in triple negative breast cancer cell line. Annals of Surgical Treatment and Research, 2018, 95, 240.	0.4	15
788	VDAC2 enables BAX to mediate apoptosis and limit tumor development. Nature Communications, 2018, 9, 4976.	5.8	110
789	Cytisine-Pterocarpan-Derived Compounds: Biomimetic Synthesis and Apoptosis-Inducing Activity in Human Breast Cancer Cells. Molecules, 2018, 23, 3059.	1.7	11
790	Regulation of Mcl-1 alternative splicing by hnRNP F, H1 and K in breast cancer cells. RNA Biology, 2018, 15, 1448-1457.	1.5	42
791	Effect of Promising Antitumor Phenolic Antioxidant Anphen Sodium on the BCL-2 Family Proteins. Doklady Biochemistry and Biophysics, 2018, 482, 268-270.	0.3	1
793	Luteolin sensitizes the antitumor effect of cisplatin in drug-resistant ovarian cancer via induction of apoptosis and inhibition of cell migration and invasion. Journal of Ovarian Research, 2018, 11, 93.	1.3	58
794	Endoplasmic reticulum stress contributes to the pathogenesis of stress urinary incontinence in postmenopausal women. Journal of International Medical Research, 2018, 46, 5269-5277.	0.4	7
795	PRC2 loss induces chemoresistance by repressing apoptosis in T cell acute lymphoblastic leukemia. Journal of Experimental Medicine, 2018, 215, 3094-3114.	4.2	37
796	A dsDNA-lighted fluorophore for monitoring protein-ligand interaction through binding-mediated DNA protection. Science China Chemistry, 2018, 61, 1630-1636.	4.2	4
797	Apoptosis of mouse myeloma cells induced by curcumin via the Notch3‑p53 signaling axis. Oncology Letters, 2019, 17, 127-134.	0.8	5
798	Role and Regulation of Pro-survival BCL-2 Proteins in Multiple Myeloma. Frontiers in Oncology, 2018, 8, 533.	1.3	54
799	TIPE attenuates the apoptotic effect of radiation and cisplatin and promotes tumor growth via JNK and p38 activation in Raw264.7 and EL4 cells. Oncology Reports, 2018, 39, 2688-2694.	1.2	3
800	CD9+ Regulatory B Cells Induce T Cell Apoptosis via IL-10 and Are Reduced in Severe Asthmatic Patients. Frontiers in Immunology, 2018, 9, 3034.	2.2	42
801	Upregulation of microRNA 344a-3p is involved in curcumin induced apoptosis in RT4 schwannoma cells. Cancer Cell International, 2018, 18, 199.	1.8	12
802	BH3-Mimetic Drugs: Blazing the Trail for New Cancer Medicines. Cancer Cell, 2018, 34, 879-891.	7.7	250
803	Oxidatively stressed mitochondria-mimicking membranes: A molecular insight into their organization during apoptosis. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 2644-2654.	1.4	10

#	Article	IF	CITATIONS
804	AMG 176, a Selective MCL1 Inhibitor, Is Effective in Hematologic Cancer Models Alone and in Combination with Established Therapies. Cancer Discovery, 2018, 8, 1582-1597.	7.7	310
805	Complementary Mechanisms Potentially Involved in the Pathology of Zika Virus. Frontiers in Immunology, 2018, 9, 2340.	2.2	24
806	Subtle Changes in the Levels of BCL-2 Proteins Cause Severe Craniofacial Abnormalities. Cell Reports, 2018, 24, 3285-3295.e4.	2.9	35
807	A Small Molecule BH3-mimetic Suppresses Cigarette Smoke-Induced Mucous Expression in Airway Epithelial Cells. Scientific Reports, 2018, 8, 13796.	1.6	12
808	Cellular Depletion of BRD8 Causes p53-Dependent Apoptosis and Induces a DNA Damage Response in Non-Stressed Cells. Scientific Reports, 2018, 8, 14089.	1.6	15
809	Mutagenic assessment of chemotherapy and Smac mimetic drugs in cells with defective DNA damage response pathways. Scientific Reports, 2018, 8, 14421.	1.6	9
810	Metabolic Targeting of Breast Cancer Cells With the 2-Deoxy-D-Glucose and the Mitochondrial Bioenergetics Inhibitor MDIVI-1. Frontiers in Cell and Developmental Biology, 2018, 6, 113.	1.8	37
811	MSX2 and BCL2 expressions in the development of anorectal malformations in ethylenethiourea-induced rat embryos. Experimental and Molecular Pathology, 2018, 105, 311-321.	0.9	3
812	Role of Mcl-1 in regulation of cell death in human induced pluripotent stem cell-derived cardiomyocytes in vitro. Toxicology and Applied Pharmacology, 2018, 360, 88-98.	1.3	10
813	HCMV Infection and Apoptosis: How Do Monocytes Survive HCMV Infection?. Viruses, 2018, 10, 533.	1.5	29
814	Estrogen and Mitochondrial Function in Disease. , 0, , .		2
815	Evaluation of cell damage induced by irradiated Zinc-Phthalocyanine-gold dendrimeric nanoparticles in a breast cancer cell line. Biomedical Journal, 2018, 41, 254-264.	1.4	12
816	Targeting proteasome-associated deubiquitinases as a novel strategy for the treatment of estrogen receptor-positive breast cancer. Oncogenesis, 2018, 7, 75.	2.1	49
817	High PGAM5 expression induces chemoresistance by enhancing Bcl-xL-mediated anti-apoptotic signaling and predicts poor prognosis in hepatocellular carcinoma patients. Cell Death and Disease, 2018, 9, 991.	2.7	29
818	Contribution of BH3-domain and Transmembrane-domain to the Activity and Interaction of the Pore-forming Bcl-2 Proteins Bok, Bak, and Bax. Scientific Reports, 2018, 8, 12434.	1.6	12
819	Cell Death or Survival Against Oxidative Stress. Sub-Cellular Biochemistry, 2018, 89, 463-471.	1.0	4
820	Cell Injury and Necrosis., 2018,, 404-453.		2
821	Sensitization of glioblastoma cells to TRAIL-induced apoptosis by IAP- and Bcl-2 antagonism. Cell Death and Disease, 2018, 9, 1112.	2.7	13

#	Article	IF	CITATIONS
822	Copaiba Oil Attenuates Right Ventricular Remodeling by Decreasing Myocardial Apoptotic Signaling in Monocrotaline-Induced Rats. Journal of Cardiovascular Pharmacology, 2018, 72, 214-221.	0.8	11
823	Lycium Barbarum Polysaccharides Alleviates Oxidative Damage Induced by H2O2 Through Down-Regulating MicroRNA-194 in PC-12 and SH-SY5Y Cells. Cellular Physiology and Biochemistry, 2018, 50, 460-472.	1.1	20
824	Humanized Mcl-1 mice enable accurate preclinical evaluation of MCL-1 inhibitors destined for clinical use. Blood, 2018, 132, 1573-1583.	0.6	67
825	Induction of apoptosis and suppression of tumor growth by Nur77-derived Bcl-2 converting peptide in chemoresistant lung cancer cells. Oncotarget, 2018, 9, 26072-26085.	0.8	31
826	Protective Effect of N-Acetylcysteine against Oxidative Stress Induced by Zearalenone via Mitochondrial Apoptosis Pathway in SIEC02 Cells. Toxins, 2018, 10, 407.	1.5	36
827	Noncanonical farnesoid X receptor signaling inhibits apoptosis and impedes liver fibrosis. EBioMedicine, 2018, 37, 322-333.	2.7	32
828	Proviral insertion in murine lymphomas 2 promotes stomach cancer progression by regulating apoptosis via reactive oxygen species-triggered endoplasmic reticulum stress. Biochemical and Biophysical Research Communications, 2018, 506, 145-152.	1.0	12
829	Green and Facile Synthesis of Highly Photoluminescent Multicolor Carbon Nanocrystals for Cancer Therapy and Imaging. ACS Applied Bio Materials, 2018, 1, 1458-1467.	2.3	12
830	Dihydromyricetin induces apoptosis in a human choriocarcinoma cell line. Oncology Letters, 2018, 16, 4229-4234.	0.8	5
831	The BET bromodomain inhibitor i-BET151 impairs ovarian cancer metastasis and improves antitumor immunity. Cell and Tissue Research, 2018, 374, 577-585.	1.5	14
832	BH3 mimetics induce apoptosis independent of DRP-1 in melanoma. Cell Death and Disease, 2018, 9, 907.	2.7	24
833	Topology of active, membrane-embedded Bax in the context of a toroidal pore. Cell Death and Differentiation, 2018, 25, 1717-1731.	5.0	35
834	Marine bisindole alkaloid: A potential apoptotic inducer in human cancer cells. European Journal of Histochemistry, 2018, 62, 2881.	0.6	17
835	P53 enhances apoptosis induced by doxorubicin only under conditions of severe DNA damage. Cell Cycle, 2018, 17, 2175-2186.	1.3	28
836	Mechanism of Lakoochin A Inducing Apoptosis of A375.S2 Melanoma Cells through Mitochondrial ROS and MAPKs Pathway. International Journal of Molecular Sciences, 2018, 19, 2649.	1.8	6
837	A Synthetic Peptide AWRK6 Alleviates Lipopolysaccharide-Induced Liver Injury. International Journal of Molecular Sciences, 2018, 19, 2661.	1.8	9
838	Novel Podophyllotoxin Derivatives as Potential Tubulin Inhibitors: Design, Synthesis, and Antiproliferative Activity Evaluation. Chemistry and Biodiversity, 2018, 15, e1800289.	1.0	10
839	NeuroEPO Preserves Neurons from Glutamate-Induced Excitotoxicity. Journal of Alzheimer's Disease, 2018, 65, 1469-1483.	1.2	29

#	Article	IF	CITATIONS
840	Regulation of Apoptosis During Porcine Circovirus Type 2 Infection. Frontiers in Microbiology, 2018, 9, 2086.	1.5	13
841	ARHGAP24 regulates cell ability and apoptosis ofcolorectal cancer cells via the regulation of P53. Oncology Letters, 2018, 16, 3517-3524.	0.8	13
842	Differential Effects of β 3 ―versus β 2 â€Amino Acid Residues on the Helicity and Recognition Properties of Bim BH3â€Derived α/βâ€Peptides. Angewandte Chemie, 2018, 130, 14025-14028.	1.6	7
843	Differential Effects of β ³ ―versus β ² â€Amino Acid Residues on the Helicity and Recognition Properties of Bim BH3â€Derived α/βâ€Peptides. Angewandte Chemie - International Edition, 2018, 57, 13829-13832.	7. 2	18
845	BH3 Mimetic ABT-199 Enhances the Sensitivity of Gemcitabine in Pancreatic Cancer in vitro and in vivo. Digestive Diseases and Sciences, 2018, 63, 3367-3375.	1.1	10
846	EXPRESSION OF ANTI-APOPTOTIC PROTEIN BCL-2 IN CUTANEOUS BASAL CELL CARCINOMA. Journal of Cancer & Allied Specialties, 2018, 4, .	0.1	0
847	Cancer Genetics and Biology. , 2018, , 41-46.		0
848	BCL2 Regulates Differentiation of Intestinal Fibroblasts. Inflammatory Bowel Diseases, 2018, 24, 1953-1966.	0.9	17
849	Intrinsic Instability of BOK Enables Membrane Permeabilization in Apoptosis. Cell Reports, 2018, 23, 2083-2094.e6.	2.9	41
850	Embryogenesis and Adult Life in the Absence of Intrinsic Apoptosis Effectors BAX, BAK, and BOK. Cell, 2018, 173, 1217-1230.e17.	13.5	155
851	Bim regulates the survival and suppressive capability of CD8+ FOXP3+ regulatory T cells during murine GVHD. Blood, 2018, 132, 435-447.	0.6	31
852	STAT3 and apoptosis challenges in cancer. International Journal of Biological Macromolecules, 2018, 117, 993-1001.	3.6	132
853	CLZ-8, a potent small-molecular compound, protects radiation-induced damages both in vitro and in vivo. Environmental Toxicology and Pharmacology, 2018, 61, 44-51.	2.0	9
854	Integration of Ca2+ signaling regulates the breast tumor cell response to simvastatin and doxorubicin. Oncogene, 2018, 37, 4979-4993.	2.6	29
855	Exploring Molecular-Biomembrane Interactions with Surface Plasmon Resonance and Dual Polarization Interferometry Technology: Expanding the Spotlight onto Biomembrane Structure. Chemical Reviews, 2018, 118, 5392-5487.	23.0	61
856	The proton pump inhibitor pantoprazole disrupts protein degradation systems and sensitizes cancer cells to death under various stresses. Cell Death and Disease, 2018, 9, 604.	2.7	16
857	Counting on Death – Quantitative aspects of Bclâ€2 family regulation. FEBS Journal, 2018, 285, 4124-4138.	2.2	13
858	Epidermal growth factor receptor (EGFR) density may not be the only determinant for the efficacy of EGFRâ€targeted photoimmunotherapy in human head and neck cancer cell lines. Lasers in Surgery and Medicine, 2018, 50, 513-522.	1.1	19

#	Article	IF	CITATIONS
859	Mitochondria in cancer metabolism, an organelle whose time has come?. Biochimica Et Biophysica Acta: Reviews on Cancer, 2018, 1870, 96-102.	3.3	42
860	Propranolol induces hemangioma endothelial cell apoptosis via a p53â€'BAX mediated pathway. Molecular Medicine Reports, 2018, 18, 684-694.	1.1	11
861	Tetracaine induces apoptosis through a mitochondrion-dependent pathway in human corneal stromal cells in vitro. Cutaneous and Ocular Toxicology, 2018, 37, 350-358.	0.5	6
862	Low expression level of HMBOX1 in high-grade serous ovarian cancer accelerates cell proliferation by inhibiting cell apoptosis. Biochemical and Biophysical Research Communications, 2018, 501, 380-386.	1.0	15
863	Breviscapine ameliorates CCl4â€'induced liver injury in mice through inhibiting inflammatory apoptotic response and ROS generation. International Journal of Molecular Medicine, 2018, 42, 755-768.	1.8	57
864	The Renin-Angiotensin-Aldosterone System as a Therapeutic Target in Late Injury Caused by Ischemia-Reperfusion. International Journal of Endocrinology, 2018, 2018, 1-18.	0.6	6
865	Anticancer Effects of Dihydroartemisinin on Human Esophageal Cancer Cells In Vivo. Analytical Cellular Pathology, 2018, 2018, 1-7.	0.7	16
866	Luteolin Decreases Epidermal Growth Factor Receptorâ€Mediated Cell Proliferation and Induces Apoptosis in Glioblastoma Cell Lines. Basic and Clinical Pharmacology and Toxicology, 2018, 123, 678-686.	1.2	40
867	Carnosic Acid, a Natural Diterpene, Attenuates Arsenic-Induced Hepatotoxicity via Reducing Oxidative Stress, MAPK Activation, and Apoptotic Cell Death Pathway. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-24.	1.9	33
868	Benzyl isothiocyanate inhibits human brain glioblastoma multiforme GBM 8401 cell xenograft tumor in nude mice in vivo. Environmental Toxicology, 2018, 33, 1097-1104.	2.1	20
869	P53/PUMA are potential targets that mediate the protection of brain-derived neurotrophic factor (BDNF)/TrkB from etoposide-induced cell death in neuroblastoma (NB). Apoptosis: an International Journal on Programmed Cell Death, 2018, 23, 408-419.	2.2	10
870	ROS mediated ER stress induces Bax-Bak dependent and independent apoptosis in response to Thioridazine. Biomedicine and Pharmacotherapy, 2018, 106, 200-209.	2.5	56
871	Intracellular ROS Induction by Ag@ZnO Core–Shell Nanoparticles: Frontiers of Permanent Optically Active Holes in Breast Cancer Theranostic. ACS Applied Materials & Samp; Interfaces, 2018, 10, 24370-24381.	4.0	46
872	PPARÎ ³ is critical for Mycobacterium tuberculosis induction of Mcl-1 and limitation of human macrophage apoptosis. PLoS Pathogens, 2018, 14, e1007100.	2.1	58
873	Chemopreventive effects of some popular phytochemicals on human colon cancer: a review. Food and Function, 2018, 9, 4548-4568.	2.1	82
874	Transcriptomic responses to heat stress in rainbow trout Oncorhynchus mykiss head kidney. Fish and Shellfish Immunology, 2018, 82, 32-40.	1.6	83
875	<i>De novo</i> coiled-coil peptides as scaffolds for disrupting protein–protein interactions. Chemical Science, 2018, 9, 7656-7665.	3.7	36
876	Bax/Tubulin/Epithelial-Mesenchymal Pathways Determine the Efficacy of Silybin Analog HM015k in Colorectal Cancer Cell Growth and Metastasis. Frontiers in Pharmacology, 2018, 9, 520.	1.6	12

#	Article	IF	CITATIONS
877	Epstein-Barr virus-encoded microRNAs as regulators in host immune responses. International Journal of Biological Sciences, 2018, 14, 565-576.	2.6	67
878	Neuroprotective effect of lovastatin through down-regulation of pro-apoptotic Mst1 gene expression in rat model pilocarpine epilepsy. Neurological Research, 2018, 40, 874-882.	0.6	5
879	Bioactive heterocycles containing a 3,4,5-trimethoxyphenyl fragment exerting potent antiproliferative activity through microtubule destabilization. European Journal of Medicinal Chemistry, 2018, 157, 50-61.	2.6	29
880	Sweet Killing in Obesity and Diabetes: The Metabolic Role of the BH3-only Protein BIM. Journal of Molecular Biology, 2018, 430, 3041-3050.	2.0	9
881	Folding and binding pathways of BH3-only proteins are encoded within their intrinsically disordered sequence, not templated by partner proteins. Journal of Biological Chemistry, 2018, 293, 9718-9723.	1.6	35
882	Inhibition of microRNAâ€16 protects mesenchymal stem cells against apoptosis. Molecular Medicine Reports, 2018, 18, 902-910.	1.1	0
883	Cancer Stem Cells are Regulated by STAT3 Signalling in Wilms Tumour. Journal of Cancer, 2018, 9, 1486-1499.	1.2	11
884	Protocatechuic acid inhibits the growth of ovarian cancer cells by inducing apoptosis and autophagy. Phytotherapy Research, 2018, 32, 2256-2263.	2.8	46
885	Co-delivery of Aurora-A inhibitor XY-4 and Bcl-xl siRNA enhances antitumor efficacy for melanoma therapy. International Journal of Nanomedicine, 2018, Volume 13, 1443-1456.	3.3	12
886	Cell Death. , 2018, , 186-196.		1
887	Discovery of Mcl-1 inhibitors from integrated high throughput and virtual screening. Scientific Reports, 2018, 8, 10210.	1.6	13
888	Targeting Splicing in Prostate Cancer. International Journal of Molecular Sciences, 2018, 19, 1287.	1.8	20
889	Anti-Proliferation Effect of Theasaponin E1 on the ALDH-Positive Ovarian Cancer Stem-Like Cells. Molecules, 2018, 23, 1469.	1.7	6
890	Understanding the Species Selectivity of Myeloid Cell Leukemia-1 (Mcl-1) Inhibitors. Biochemistry, 2018, 57, 4952-4958.	1.2	6
891	Combination therapy with protein kinase inhibitor H89 and Tetrandrine elicits enhanced synergistic antitumor efficacy. Journal of Experimental and Clinical Cancer Research, 2018, 37, 114.	3.5	33
892	Annexin A5 overexpression might suppress proliferation and metastasis of human uterine cervical carcinoma cells1. Cancer Biomarkers, 2018, 23, 23-32.	0.8	14
893	Lipoprotein Particle Formation by Proapoptotic tBid. Biophysical Journal, 2018, 115, 533-542.	0.2	2
894	Effect of lentiviral vector-mediated KSR1 gene silencing on the proliferation of renal tubular epithelial cells and expression of inflammatory factors in a rat model of ischemia/reperfusion injury. Acta Biochimica Et Biophysica Sinica, 2018, 50, 807-816.	0.9	4

#	Article	IF	Citations
895	Fluid shear stress improves morphology, cytoskeleton architecture, viability, and regulates cytokine expression in a timeâ€dependent manner in MLO‥4 cells. Cell Biology International, 2018, 42, 1410-1422.	1.4	15
896	Design, synthesis and antiproliferative evaluation of novel sulfanilamide-1,2,3-triazole derivatives as tubulin polymerization inhibitors. Investigational New Drugs, 2018, 36, 1147-1157.	1.2	6
897	BCL2 inhibitor ABT-199 and JNK inhibitor SP600125 exhibit synergistic cytotoxicity against imatinib-resistant Ph+ ALL cells. Biochemistry and Biophysics Reports, 2018, 15, 69-75.	0.7	9
898	Biomimetic synthesis of silver nanoparticles using Matricaria chamomilla extract and their potential anticancer activity against human lung cancer cells. Materials Science and Engineering C, 2018, 92, 902-912.	3.8	107
899	Self-Assembled Glycosylated Chalcone–Boronic Acid Nanodrug Exhibits Anticancer Activity through Mitochondrial Impairment. ACS Applied Bio Materials, 2018, 1, 347-355.	2.3	0
900	Multicomponent Domino Synthesis, Anticancer Activity and Molecular Modeling Simulation of Complex Dispirooxindolopyrrolidines. Molecules, 2018, 23, 1094.	1.7	12
901	The established and the predicted roles of dynein light chain in the regulation of mitochondrial apoptosis. Cell Cycle, 2018, 17, 1037-1047.	1.3	10
902	Dihydroartemisinin potentiates antitumor activity of 5-fluorouracil against a resistant colorectal cancer cell line. Biochemical and Biophysical Research Communications, 2018, 501, 636-642.	1.0	22
903	Modulation of McI-1 transcription by serum deprivation sensitizes cancer cells to cisplatin. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 557-566.	1.1	10
904	BCL-2 as therapeutic target for hematological malignancies. Journal of Hematology and Oncology, 2018, 11, 65.	6.9	136
905	Dual inhibition of BCL-XL and MCL-1 is required to induce tumour regression in lung squamous cell carcinomas sensitive to FGFR inhibition. Oncogene, 2018, 37, 4475-4488.	2.6	75
906	Early changes in rpS6 phosphorylation and BH3 profiling predict response to chemotherapy in AML cells. PLoS ONE, 2018, 13, e0196805.	1.1	7
907	TMEM119 silencing inhibits cell viability and causes the apoptosis of gastric cancer SGC-7901 cells. Oncology Letters, 2018, 15, 8281-8286.	0.8	7
908	Mitigation of cell apoptosis induced by ochratoxin A (OTA) is possibly through organic cation transport 2 (OCT2) knockout. Food and Chemical Toxicology, 2018, 121, 15-23.	1.8	10
909	Fluvastatin inhibits cardiomyocyte apoptosis after myocardial infarction through Toll pathway. Experimental and Therapeutic Medicine, 2018, 16, 1350-1354.	0.8	3
910	Influenza virus infection modulates the death receptor pathway during early stages of infection in human bronchial epithelial cells. Physiological Genomics, 2018, 50, 770-779.	1.0	5
911	miR-206 regulates 5-FU resistance by targeting Bcl-2 in colon cancer cells. OncoTargets and Therapy, 2018, Volume 11, 1757-1765.	1.0	53
912	Re-inforcing the cell death army in the fight against breast cancer. Journal of Cell Science, 2018, 131, .	1.2	14

#	ARTICLE	IF	CITATIONS
913	miRNAs and IncRNAs as Predictive Biomarkers of Response to FOLFOX Therapy in Colorectal Cancer. Frontiers in Pharmacology, 2018, 9, 846.	1.6	27
914	Knockdown of KLK11 reverses oxaliplatin resistance by inhibiting proliferation and activating apoptosis via suppressing the PI3K/AKT signal pathway in colorectal cancer cell. OncoTargets and Therapy, 2018, Volume 11, 809-821.	1.0	36
915	Glycycoumarin Sensitizes Liver Cancer Cells to ABT-737 by Targeting De Novo Lipogenesis and TOPK-Survivin Axis. Nutrients, 2018, 10, 353.	1.7	13
916	Identification of apoptosis-related genes in erythrocytes of broiler chickens and their response to thiram-induced tibial dyschondroplasia and recombinant glutathione-S-transferase A3 protein. Research in Veterinary Science, 2018, 120, 11-16.	0.9	15
917	Novel synthetic 4-chlorobenzoyl berbamine inhibits c-Myc expression and induces apoptosis of diffuse large B cell lymphoma cells. Annals of Hematology, 2018, 97, 2353-2362.	0.8	8
918	Lycorine: A prospective natural lead for anticancer drug discovery. Biomedicine and Pharmacotherapy, 2018, 107, 615-624.	2.5	93
919	Antiproliferative Phenothiazine Hybrids as Novel Apoptosis Inducers against MCF-7 Breast Cancer. Molecules, 2018, 23, 1288.	1.7	9
920	Multiâ€Scale Network Model Supported by Proteomics for Analysis of Combined Gemcitabine and Birinapant Effects in Pancreatic Cancer Cells. CPT: Pharmacometrics and Systems Pharmacology, 2018, 7, 549-561.	1.3	15
921	Mitochondria in innate immune signaling. Translational Research, 2018, 202, 52-68.	2.2	241
922	Mineral trioxide aggregate affects cell viability and induces apoptosis of stem cells from human exfoliated deciduous teeth. BMC Pharmacology & Exportant Section 2018, 19, 21.	1.0	20
923	Ensemble Properties of Bax Determine Its Function. Structure, 2018, 26, 1346-1359.e5.	1.6	34
924	<pre><scp>MIM</scp> through <scp>MOM</scp> : the awakening of Bax and Bak pores. EMBO Journal, 2018, 37, .</pre>	3.5	17
925	Silencing of Intestinal Glycoprotein CD98 by Orally Targeted Nanoparticles Enhances Chemosensitization of Colon Cancer. ACS Nano, 2018, 12, 5253-5265.	7.3	78
926	Catalpol inhibits migration and induces apoptosis in gastric cancer cells and in athymic nude mice. Biomedicine and Pharmacotherapy, 2018, 103, 1708-1719.	2.5	38
927	Eukaryotic translation initiation factor EIF3H potentiates gastric carcinoma cell proliferation. Tissue and Cell, 2018, 53, 23-29.	1.0	8
928	Human antibody-based chemically induced dimerizers for cell therapeutic applications. Nature Chemical Biology, 2018, 14, 112-117.	3.9	52
929	Protective mechanisms involving enhanced mitochondrial functions and mitophagy against T-2 toxin-induced toxicities in GH3 cells. Toxicology Letters, 2018, 295, 41-53.	0.4	44
930	Resveratrol inhibits STAT5 activation through the induction of SHP-1 and SHP-2 tyrosine phosphatases in chronic myelogenous leukemia cells. Anti-Cancer Drugs, 2018, 29, 646-651.	0.7	3

#	Article	IF	CITATIONS
931	Sildenafil ameliorates EAE by decreasing apoptosis in the spinal cord of C57BL/6 mice. Journal of Neuroimmunology, 2018, 321, 125-137.	1.1	24
932	FLIM reveals alternative EV-mediated cellular up-take pathways of paclitaxel. Journal of Controlled Release, 2018, 284, 133-143.	4.8	28
933	Luteolysis and the Auto-, Paracrine Role of Cytokines From Tumor Necrosis Factor \hat{l}^{\pm} and Transforming Growth Factor \hat{l}^{2} Superfamilies. Vitamins and Hormones, 2018, 107, 287-315.	0.7	11
934	Stable expression of infliximab in CRISPR/Cas9-mediated BAK1-deficient CHO cells. Biotechnology Letters, 2018, 40, 1209-1218.	1.1	9
935	Selective targeting of antiapoptotic BCLâ€2 proteins in cancer. Medicinal Research Reviews, 2019, 39, 146-175.	5.0	53
936	Chlamydia trachomatis plasmid-encoded protein Pgp3 inhibits apoptosis via the PI3K-AKT-mediated MDM2-p53 axis. Molecular and Cellular Biochemistry, 2019, 452, 167-176.	1.4	34
937	Application of hydroxyapatite nanoparticles in tumor-associated bone segmental defect. Science Advances, 2019, 5, eaax6946.	4.7	175
938	lcariin improves the cognitive function of APP/PS1 mice via suppressing endoplasmic reticulum stress. Life Sciences, 2019, 234, 116739.	2.0	32
939	Identifying Protein Conformational Dynamics Using Spinâ€label ESR. Chemistry - an Asian Journal, 2019, 14, 3981-3991.	1.7	13
941	Estrogen-Related Hormones Induce Apoptosis by Stabilizing Schlafen-12 Protein Turnover. Molecular Cell, 2019, 75, 1103-1116.e9.	4.5	55
942	<p>Nudol, a phenanthrene derivative from Dendrobium nobile, induces cell cycle arrest and apoptosis and inhibits migration in osteosarcoma cells</p> . Drug Design, Development and Therapy, 2019, Volume 13, 2591-2601.	2.0	25
943	Climatic Cooling Potential Evaluation and Ventilation Strategies Optimization for City Buildings in China. , 2019, , .		1
944	Tumor-Specific Induction of the Intrinsic Apoptotic Pathwayâ€"A New Therapeutic Option for Advanced Prostate Cancer?. Frontiers in Oncology, 2019, 9, 590.	1.3	9
945	Quinalizarin induces cycle arrest and apoptosis via reactive oxygen speciesâ€mediated signaling pathways in human melanoma A375 cells. Drug Development Research, 2019, 80, 1040-1050.	1.4	9
946	Long Non-coding RNA in CNS Injuries: A New Target for Therapeutic Intervention. Molecular Therapy - Nucleic Acids, 2019, 17, 754-766.	2.3	79
947	Targeting BCL2 in Chronic Lymphocytic Leukemia and Other Hematologic Malignancies. Drugs, 2019, 79, 1287-1304.	4.9	22
948	Cellular demolition: Proteins as molecular players of programmed cell death. International Journal of Biological Macromolecules, 2019, 138, 492-503.	3.6	20
949	Molecular mechanisms of natural compounds in cell death induction and sensitization to chemotherapeutic drugs in lung cancer. Phytotherapy Research, 2019, 33, 2531-2547.	2.8	32

#	ARTICLE	IF	CITATIONS
950	Synthetic lethality of combined AT-101 with idarubicin in acute myeloid leukemia via blockade of DNA repair and activation of intrinsic apoptotic pathway. Cancer Letters, 2019, 461, 31-43.	3.2	13
951	Mitochondria-Associated Membranes (MAMs) are involved in Bax mitochondrial localization and cytochrome c release. Microbial Cell, 2019, 6, 257-266.	1.4	16
952	Apoptotic Pathway as the Therapeutic Target for Anticancer Traditional Chinese Medicines. Frontiers in Pharmacology, 2019, 10, 758.	1.6	61
953	Liposomes for drug delivery in stroke. Brain Research Bulletin, 2019, 152, 246-256.	1.4	44
954	Regulation of Fibroblast Apoptosis and Proliferation by Micro RNA â€125b in Systemic Sclerosis. Arthritis and Rheumatology, 2019, 71, 2068-2080.	2.9	14
955	lncRNA H19 Alleviated Myocardial I/RI via Suppressing miR-877-3p/Bcl-2-Mediated Mitochondrial Apoptosis. Molecular Therapy - Nucleic Acids, 2019, 17, 297-309.	2.3	81
956	Antichagasic effect of violacein from <i>Chromobacterium violaceum</i> . Journal of Applied Microbiology, 2019, 127, 1373-1380.	1.4	7
957	Molecular Docking-assisted Protein Chip Screening of Inhibitors for Bcl-2 Family Protein-protein Interaction to Discover Anticancer Agents by Fragment-based Approach. Biochip Journal, 2019, 13, 260-268.	2.5	3
958	Intravenous infusion of ulinastatin attenuates acute kidney injury after cold ischemia/reperfusion. International Urology and Nephrology, 2019, 51, 1873-1881.	0.6	13
960	<p>miR-625 reverses multidrug resistance in gastric cancer cells by directly targeting ALDH1A1</p> . Cancer Management and Research, 2019, Volume 11, 6615-6624.	0.9	20
961	<p>Regulating intracellular ROS signal by a dual pH/reducing-responsive nanogels system promotes tumor cell apoptosis</p> . International Journal of Nanomedicine, 2019, Volume 14, 5713-5728.	3.3	23
962	Eckol Inhibits Particulate Matter 2.5-Induced Skin Keratinocyte Damage via MAPK Signaling Pathway. Marine Drugs, 2019, 17, 444.	2.2	33
963	The emerging role of noncoding RNAs in colorectal cancer chemoresistance. Cellular Oncology (Dordrecht), 2019, 42, 757-768.	2.1	77
964	Discovery of \hat{l}^2 -carboline copper(II) complexes as Mcl-1 inhibitor and inÂvitro and inÂvivo activity in cancer models. European Journal of Medicinal Chemistry, 2019, 181, 111567.	2.6	23
965	Melatonin Prevents Oxidative Stress-Induced Mitochondrial Dysfunction and Apoptosis in High Glucose-Treated Schwann Cells via Upregulation of Bcl2, NF-κB, mTOR, Wnt Signalling Pathways. Antioxidants, 2019, 8, 198.	2.2	37
966	Checkpoint kinase 1 is essential for fetal and adult hematopoiesis. EMBO Reports, 2019, 20, e47026.	2.0	15
967	Glucosamine Enhances TRAIL-Induced Apoptosis in the Prostate Cancer Cell Line DU145. Medicines (Basel, Switzerland), 2019, 6, 104.	0.7	4
968	Hybrid Perovskite Spinterfaces: Spinâ€Polarized Electronic Transport through Ferromagnet/Organic–Inorganic Hybrid Perovskite Spinterfaces at Room Temperature (Adv. Mater.) Tj ETQq1	. 1 017/8431	l 4 ngBT /Over

#	Article	IF	CITATIONS
969	<p>Overexpressed PKMYT1 promotes tumor progression and associates with poor survival in esophageal squamous cell carcinoma</p> . Cancer Management and Research, 2019, Volume 11, 7813-7824.	0.9	28
970	Potential hepatic and renal toxicity induced by the biflavonoids from Ginkgo biloba. Chinese Journal of Natural Medicines, 2019, 17, 672-681.	0.7	20
972	The TRAIL to cancer therapy: Hindrances and potential solutions. Critical Reviews in Oncology/Hematology, 2019, 143, 81-94.	2.0	87
973	The emergence of drug resistance to targeted cancer therapies: Clinical evidence. Drug Resistance Updates, 2019, 47, 100646.	6.5	81
974	Phenylephrine induces necroptosis and apoptosis in corneal epithelial cells dose- and time-dependently. Toxicology, 2019, 428, 152305.	2.0	2
975	Pyroptosis in Liver Disease: New Insights into Disease Mechanisms. , 2019, 10, 1094.		91
976	A small molecule protects mitochondrial integrity by inhibiting mTOR activity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23332-23338.	3.3	17
977	Exploring the Conformational Space of Bcl-2 Protein Variants: Dynamic Contributions of the Flexible Loop Domain and Transmembrane Region. Molecules, 2019, 24, 3896.	1.7	9
978	GC/MS Analysis and Molecular Profiling of Lemon Volatile Oil against Breast Cancer. Journal of Essential Oil-bearing Plants: JEOP, 2019, 22, 903-916.	0.7	37
979	Biofabrication of silver nanoparticles from aqueous leaf extract of <i>Leucas aspera</i> and their anticancer activity on human cervical cancer cells. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2019, 10, 045008.	0.7	5
980	Sheng Mai San protects H9C2 cells against hyperglycemia-induced apoptosis. BMC Complementary and Alternative Medicine, 2019, 19, 309.	3.7	2
981	Mcl-1 Interacts with Akt to Promote Lung Cancer Progression. Cancer Research, 2019, 79, 6126-6138.	0.4	25
982	Robust state estimation for switched systems with unstable subsystems. , 2019, , .		0
983	Protective mechanism of artemisinin on rat bone marrow-derived mesenchymal stem cells against apoptosis induced by hydrogen peroxide via activation of c-Raf-Erk1/2-p90rsk-CREB pathway. Stem Cell Research and Therapy, 2019, 10, 312.	2.4	65
984	Targeting Autophagy for Cancer Treatment and Tumor Chemosensitization. Cancers, 2019, 11, 1599.	1.7	112
985	Ivalin Induces Mitochondria-Mediated Apoptosis Associated with the NF-κB Activation in Human Hepatocellular Carcinoma SMMC-7721 Cells. Molecules, 2019, 24, 3809.	1.7	3
986	Ponatinib-induced cardiotoxicity: delineating the signalling mechanisms and potential rescue strategies. Cardiovascular Research, 2019, 115, 966-977.	1.8	56
987	Novel Carbazole-Piperazine Hybrid Small Molecule Induces Apoptosis by Targeting BCL-2 and Inhibits Tumor Progression in Lung Adenocarcinoma in Vitro and Xenograft Mice Model. Cancers, 2019, 11, 1245.	1.7	25

#	Article	IF	CITATIONS
988	Medicinal Plants from Brazilian Cerrado: Antioxidant and Anticancer Potential and Protection against Chemotherapy Toxicity. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-16.	1.9	16
989	Short-term developmental toxicity and potential mechanisms of the herbicide metamifop to zebrafish (Danio rerio) embryos. Chemosphere, 2019, 236, 124590.	4.2	33
990	3-Bromopyruvate potentiates TRAIL-induced apoptosis in human colon cancer cells through a reactive oxygen species- and caspase-dependent mitochondrial pathway. Canadian Journal of Physiology and Pharmacology, 2019, 97, 1176-1184.	0.7	11
991	Design, Synthesis, and Anticancer Effect Studies of Iridium(III) Polypyridyl Complexes against SGC-7901 Cells. Molecules, 2019, 24, 3129.	1.7	10
992	Indole: A privileged scaffold for the design of anti-cancer agents. European Journal of Medicinal Chemistry, 2019, 183, 111691.	2.6	291
993	A new perspective on membrane-embedded Bax oligomers using DEER and bioresistant orthogonal spin labels. Scientific Reports, 2019, 9, 13013.	1.6	24
994	Replication stress induces mitotic death through parallel pathways regulated by WAPL and telomere deprotection. Nature Communications, 2019, 10, 4224.	5.8	38
995	Deregulated miR-29b-3p Correlates with Tissue-Specific Activation of Intrinsic Apoptosis in An Animal Model of Amyotrophic Lateral Sclerosis. Cells, 2019, 8, 1077.	1.8	25
996	Predicting and Experimentally Validating Hot-Spot Residues at Protein–Protein Interfaces. ACS Chemical Biology, 2019, 14, 2252-2263.	1.6	54
997	Ferulic acid ameliorates pentylenetetrazol-induced seizures by reducing neuron cell death. Epilepsy Research, 2019, 156, 106183.	0.8	22
998	Detection of tBid Oligomerization and Membrane Permeabilization by Graphene-Based Single-Molecule Surface-Induced Fluorescence Attenuation. Nano Letters, 2019, 19, 6937-6944.	4.5	8
999	The XIAP inhibitor embelin sensitises malignant rhabdoid tumour cells to TRAIL treatment via enhanced activation of the extrinsic apoptotic pathway. International Journal of Oncology, 2019, 55, 191-202.	1.4	2
1000	Development of a Split Esterase for Protein–Protein Interaction-Dependent Small-Molecule Activation. ACS Central Science, 2019, 5, 1768-1776.	5.3	22
1001	BH3-only proteins target BCL-xL/MCL-1, not BAX/BAK, to initiate apoptosis. Cell Research, 2019, 29, 942-952.	5.7	85
1002	<p>Polyphyllin VI induces apoptosis and autophagy in human osteosarcoma cells by modulation of ROS/JNK activation</p> . Drug Design, Development and Therapy, 2019, Volume 13, 3091-3103.	2.0	27
1003	Arsenite-induced apoptosis can be attenuated <i>via</i> depletion of mTOR activity to restore autophagy. Toxicology Research, 2019, 8, 101-111.	0.9	13
1004	Vitamin C Prevents Hydrocortisone-Induced Injury in HMEC-1 through Promoting Bestrophin-3 Expression. Nutrition and Cancer, 2019, 71, 852-860.	0.9	0
1005	Targeting the Bcl-2 Family in B Cell Lymphoma. Frontiers in Oncology, 2018, 8, 636.	1.3	106

#	Article	IF	CITATIONS
1006	Design, Synthesis, and Biological Evaluation of 6-Substituted Thieno[3,2- <i>d</i>)pyrimidine Analogues as Dual Epidermal Growth Factor Receptor Kinase and Microtubule Inhibitors. Journal of Medicinal Chemistry, 2019, 62, 1274-1290.	2.9	33
1007	Synthesis, inÂvitro and inÂvivo biological evaluation of substituted 3-(5-imidazo[2,1-b]thiazolylmethylene)-2-indolinones as new potent anticancer agents. European Journal of Medicinal Chemistry, 2019, 166, 514-530.	2.6	4
1008	Analysis of Protein–Protein Interaction in a Single Live Cell by Using a FRET System Based on Genetic Code Expansion Technology. Journal of the American Chemical Society, 2019, 141, 4273-4281.	6.6	37
1009	Photobiomodulation can alter mRNA levels cell death-related. Lasers in Medical Science, 2019, 34, 1373-1380.	1.0	6
1010	Effects of silver nanoparticles functionalized with <i>Cornus mas</i> L. extract on architecture and apoptosis in rat testicle. Nanomedicine, 2019, 14, 275-299.	1.7	24
1011	The Immune Escape Mechanisms of Mycobacterium Tuberculosis. International Journal of Molecular Sciences, 2019, 20, 340.	1.8	217
1012	From Inhibition to Degradation: Targeting the Antiapoptotic Protein Myeloid Cell Leukemia 1 (MCL1). Journal of Medicinal Chemistry, 2019, 62, 5522-5540.	2.9	77
1013	<p>In vitro and in vivo mechanism of hepatocellular carcinoma inhibition by beta-TCP nanoparticles</p> . International Journal of Nanomedicine, 2019, Volume 14, 3491-3502.	3.3	24
1014	2-(4-Methoxyphenyl)Ethyl-2-Acetamido-2-Deoxy- \hat{l}^2 -d-Pyranoside Exerts a Neuroprotective Effect through Regulation of Energy Homeostasis and O-GlcNAcylation. Journal of Molecular Neuroscience, 2019, 69, 177-187.	1.1	6
1015	Selenium protection against mercury neurotoxicity: Modulation of apoptosis and autophagy in the anterior pituitary. Life Sciences, 2019, 231, 116578.	2.0	31
1016	Nutritional preconditioning induced by astragaloside ⣠on isolated hearts and cardiomyocytes against myocardial ischemia injury via improving Bcl-2-mediated mitochondrial function. Chemico-Biological Interactions, 2019, 309, 108723.	1.7	31
1017	Intracellular Transport and Cytotoxicity of the Protein Toxin Ricin. Toxins, 2019, 11, 350.	1.5	56
1018	ABT737 enhances ovarian cancer cells sensitivity to cisplatin through regulation of mitochondrial fission via Sirt3 activation. Life Sciences, 2019, 232, 116561.	2.0	22
1019	p53-Bad: A Novel Tumor Suppressor/Proapoptotic Factor Hybrid Directed to the Mitochondria for Ovarian Cancer Gene Therapy. Molecular Pharmaceutics, 2019, 16, 3386-3398.	2.3	15
1020	A synthetic male-specific sterilization system using the mammalian pro-apoptotic factor in a malaria vector mosquito. Scientific Reports, 2019, 9, 8160.	1.6	8
1021	Pro-apoptotic genes as new targets for single and combinatorial treatments with resveratrol and curcumin in colorectal cancer. Food and Function, 2019, 10, 3717-3726.	2.1	39
1022	Combined inhibition of Bcl-2 and NFÎB synergistically induces cell death in cutaneous T-cell lymphoma. Blood, 2019, 134, 445-455.	0.6	13
1023	New Insights into the Molecular Mechanisms of Long Non-coding RNAs in Cancer Biology. , 2019, , 85-113.		0

#	Article	IF	CITATIONS
1024	Nonsenseâ€mediated mRNA decay: The challenge of telling right from wrong in a complex transcriptome. Wiley Interdisciplinary Reviews RNA, 2019, 10, e1548.	3.2	72
1025	Astragaloside IV protects cardiomyocytes from hypoxia-induced injury by down-regulation of IncRNA GAS5. Biomedicine and Pharmacotherapy, 2019, 116, 109028.	2.5	17
1026	Visfatin Plays a Significant Role in Alleviating Lipopolysaccharide-Induced Apoptosis and Autophagy Through PI3K/AKT Signaling Pathway During Acute Lung Injury in Mice. Archivum Immunologiae Et Therapiae Experimentalis, 2019, 67, 249-261.	1.0	17
1027	Neuroprotective effect of ghrelin in methamphetamine-treated male rats. Neuroscience Letters, 2019, 707, 134304.	1.0	8
1028	Elevated VMP1 expression in acute myeloid leukemia amplifies autophagy and is protective against venetoclax-induced apoptosis. Cell Death and Disease, 2019, 10, 421.	2.7	27
1029	Structures of BCL-2 in complex with venetoclax reveal the molecular basis of resistance mutations. Nature Communications, 2019, 10, 2385.	5.8	139
1030	Gamma-Irradiated Chrysin Improves Anticancer Activity in HT-29 Colon Cancer Cells Through Mitochondria-Related Pathway. Journal of Medicinal Food, 2019, 22, 713-721.	0.8	17
1032	Phenotypic selection with an intrabody library reveals an anti-apoptotic function of PKM2 requiring Mitofusin-1. PLoS Biology, 2019, 17, e2004413.	2.6	14
1033	Antiâ€apoptotic traits in gingival tissue from patients with severe generalized chronic periodontitis. Journal of Investigative and Clinical Dentistry, 2019, 10, e12422.	1.8	4
1034	Carnosic acid alleviates brain injury through NF‹ºBâ€'regulated inflammation and Caspaseâ€'3â€'associated apoptosis in high fatâ€'induced mouse models. Molecular Medicine Reports, 2019, 20, 495-504.	1.1	13
1035	Anticancer activity of a novel glycoprotein from Camellia oleifera Abel seeds against hepatic carcinoma in vitro and in vivo. International Journal of Biological Macromolecules, 2019, 136, 284-295.	3.6	19
1036	DHX33 Interacts with AP-2 <i>>\hat{l}^2 </i> To Regulate <i>Bcl-2 </i> Gene Expression and Promote Cancer Cell Survival. Molecular and Cellular Biology, 2019, 39, .	1.1	18
1037	NES1/KLK10 and hNIS gene therapy enhanced iodine-131 internal radiation in PC3 proliferation inhibition. Frontiers of Medicine, 2019, 13, 646-657.	1.5	2
1038	The chemical biology of apoptosis: Revisited after 17 years. European Journal of Medicinal Chemistry, 2019, 177, 63-75.	2.6	26
1039	Blockade of Cyclophilin D Attenuates Oxidative Stress-Induced Cell Death in Human Dental Pulp Cells. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	1.9	7
1040	The disturbance of autophagy and apoptosis in the gizzard caused by copper and/or arsenic are related to mitochondrial kinetics. Chemosphere, 2019, 231, 1-9.	4.2	16
1041	The Role of Astragaloside IV against Cerebral Ischemia/Reperfusion Injury: Suppression of Apoptosis via Promotion of P62-LC3-Autophagy. Molecules, 2019, 24, 1838.	1.7	90
1042	MicroRNAs in cancer cell death pathways: Apoptosis and necroptosis. Free Radical Biology and Medicine, 2019, 139, 1-15.	1.3	128

#	Article	IF	CITATIONS
1043	The Structural Biology of Bcl-xL. International Journal of Molecular Sciences, 2019, 20, 2234.	1.8	44
1044	Ghrelin regulates sepsis‑induced rat acute gastric injury. Molecular Medicine Reports, 2019, 19, 5424-5432.	1.1	5
1045	Protective Effect of the Total Triterpenes ofEuscaphis konishiiHayata Pericarp on Bacillus Calmette-Guérin Plus Lipopolysaccharide-Induced Liver Injury. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-15.	0.5	4
1046	Inflammation and Metabolism in Cancer Cellâ€"Mitochondria Key Player. Frontiers in Oncology, 2019, 9, 348.	1.3	115
1047	Bax Targeted by miR-29a Regulates Chondrocyte Apoptosis in Osteoarthritis. BioMed Research International, 2019, 2019, 1-9.	0.9	20
1048	Pyruvate kinase M2 contributes to cell growth in gastric cancer via aerobic glycolysis. Pathology Research and Practice, 2019, 215, 152409.	1.0	16
1049	Signaling pathways involved in regulating apoptosis induction in host cells upon PRRSV infection. Virus Genes, 2019, 55, 433-439.	0.7	9
1050	Minor structural modifications of bisphenol A strongly affect physiological responses of HepG2 cells. Archives of Toxicology, 2019, 93, 1529-1541.	1.9	17
1051	BCL-XL directly retrotranslocates the monomeric BAK. Cellular Signalling, 2019, 61, 1-9.	1.7	11
1052	Bcl-2 and IP3 compete for the ligand-binding domain of IP3Rs modulating Ca2+ signaling output. Cellular and Molecular Life Sciences, 2019, 76, 3843-3859.	2.4	31
1053	Molecular Comprehension of Mcl-1: From Gene Structure to Cancer Therapy. Trends in Cell Biology, 2019, 29, 549-562.	3.6	68
1054	Ceramides bind VDAC2 to trigger mitochondrial apoptosis. Nature Communications, 2019, 10, 1832.	5.8	144
1055	Regulating the BCL2 Family to Improve Sensitivity to Microtubule Targeting Agents. Cells, 2019, 8, 346.	1.8	42
1056	New Targeted Agents in Acute Myeloid Leukemia: New Hope on the Rise. International Journal of Molecular Sciences, 2019, 20, 1983.	1.8	68
1057	BCL-XL and MCL-1 are the key BCL-2 family proteins in melanoma cell survival. Cell Death and Disease, 2019, 10, 342.	2.7	125
1058	Extrinsic and intrinsic apoptosis activate pannexinâ€1 to drive <scp>NLRP</scp> 3 inflammasome assembly. EMBO Journal, 2019, 38, .	3.5	264
1059	<scp>MYC</scp> in Germinal Centerâ€derived lymphomas: Mechanisms and therapeutic opportunities. Immunological Reviews, 2019, 288, 178-197.	2.8	42
1060	<p>Trametes robiniophila Murr: a traditional Chinese medicine with potent anti-tumor effects</p> . Cancer Management and Research, 2019, Volume 11, 1541-1549.	0.9	30

#	Article	IF	CITATIONS
1061	Mitochondrial separation protein inhibitor inhibits cell apoptosis in rat lungs during�intermittent hypoxia. Experimental and Therapeutic Medicine, 2019, 17, 2349-2358.	0.8	1
1062	Reverse Chemical Proteomics Identifies an Unanticipated Human Target of the Antimalarial Artesunate. ACS Chemical Biology, 2019, 14, 636-643.	1.6	22
1063	InÂvitro and inÂvivo antitumor activities of three novel binuclear platinum(II) complexes with 4′-substituted-2,2′:6′,2″-terpyridine ligands. European Journal of Medicinal Chemistry, 2019, 170, 195-	2 02 .	49
1064	<i>Paris polyphylla 26</i> triggers G2/M phase arrest and induces apoptosis in HepG2 cells via inhibition of the Akt signaling pathway. Journal of International Medical Research, 2019, 47, 1685-1695.	0.4	5
1065	Potential anticancer activity and mechanism of action of nanoformulated curcumin in experimental Ehrlich ascites carcinoma-bearing animals. Nanomedicine, 2019, 14, 553-573.	1.7	13
1066	Emerging Therapies for Acute Myelogenus Leukemia Patients Targeting Apoptosis and Mitochondrial Metabolism. Cancers, 2019, 11, 260.	1.7	28
1067	Realizing the Clinical Potential of Immunogenic Cell Death in Cancer Chemotherapy and Radiotherapy. International Journal of Molecular Sciences, 2019, 20, 959.	1.8	105
1068	Staphylococcal Superantigens: Pyrogenic Toxins Induce Toxic Shock. Toxins, 2019, 11, 178.	1.5	76
1069	<p>Biosynthesis, characterization, and anticancer effect of plant-mediated silver nanoparticles using Coptis chinensis</p> . International Journal of Nanomedicine, 2019, Volume 14, 1969-1978.	3.3	66
1070	A Combined Phytochemistry and Network Pharmacology Approach to Reveal the Potential Antitumor Effective Substances and Mechanism of Phellinus igniarius. Frontiers in Pharmacology, 2019, 10, 266.	1.6	25
1071	ABT-263 exhibits apoptosis-inducing potential in oral cancer cells by targeting C/EBP-homologous protein. Cellular Oncology (Dordrecht), 2019, 42, 357-368.	2.1	18
1072	Mammalian Hippo kinase pathway is downregulated by BCL-2 via protein degradation. Biochemical and Biophysical Research Communications, 2019, 512, 87-92.	1.0	8
1073	Combination of 5-aminosalicylic acid and hyperthermia synergistically enhances apoptotic cell death in HSC-3†cells due to intracellular nitric oxide/peroxynitrite generation. Cancer Letters, 2019, 451, 58-67.	3.2	9
1074	Secretin Prevents Apoptosis in the Developing Cerebellum Through Bcl-2 and Bcl-xL. Journal of Molecular Neuroscience, 2019, 68, 494-503.	1.1	13
1075	Improved in vivo targeting of BCL-2 phenotypic conversion through hollow gold nanoshell delivery. Apoptosis: an International Journal on Programmed Cell Death, 2019, 24, 529-537.	2.2	6
1076	Gasdermin pores permeabilize mitochondria to augment caspase-3 activation during apoptosis and inflammasome activation. Nature Communications, 2019, 10, 1689.	5.8	479
1077	Piper Species: A Comprehensive Review on Their Phytochemistry, Biological Activities and Applications. Molecules, 2019, 24, 1364.	1.7	259
1078	BAX Activation: Mutations Near Its Proposed Non-canonical BH3 Binding Site Reveal Allosteric Changes Controlling Mitochondrial Association. Cell Reports, 2019, 27, 359-373.e6.	2.9	31

#	ARTICLE	IF	CITATIONS
1079	Loss of p53 Causes Stochastic Aberrant X-Chromosome Inactivation and Female-Specific Neural Tube Defects. Cell Reports, 2019, 27, 442-454.e5.	2.9	37
1080	IBTK contributes to B-cell lymphomagenesis in $E\hat{l}^{1/4}$ -myc transgenic mice conferring resistance to apoptosis. Cell Death and Disease, 2019, 10, 320.	2.7	14
1081	The Role of Inhibition of Apoptosis in Acute Leukemias and Myelodysplastic Syndrome. Frontiers in Oncology, 2019, 9, 192.	1.3	32
1082	Ad5-EMC6 mediates antitumor activity in gastric cancer cells through the mitochondrial apoptosis pathway. Biochemical and Biophysical Research Communications, 2019, 513, 663-668.	1.0	10
1083	Discovery of Potent Myeloid Cell Leukemia-1 (Mcl-1) Inhibitors That Demonstrate in Vivo Activity in Mouse Xenograft Models of Human Cancer. Journal of Medicinal Chemistry, 2019, 62, 3971-3988.	2.9	44
1084	Discovery of selective Mcl-1 inhibitors via structure-based design and structure-activity relationship analysis. Biochemical and Biophysical Research Communications, 2019, 512, 921-926.	1.0	5
1085	Cellular senescence and radiation-induced pulmonary fibrosis. Translational Research, 2019, 209, 14-21.	2.2	66
1086	The molecular machinery of regulated cell death. Cell Research, 2019, 29, 347-364.	5.7	1,373
1087	Synthesis of gold nanoparticles from leaf <i>Panax notoginseng</i> and its anticancer activity in pancreatic cancer PANC-1 cell lines. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 1216-1223.	1.9	35
1088	Mechanisms of Cell Death Induced by Optical Hyperthermia. , 2019, , 201-228.		9
1089	MGMT-activated DUB3 stabilizes MCL1 and drives chemoresistance in ovarian cancer. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2961-2966.	3.3	58
1090	Semaglutide is Neuroprotective and Reduces α-Synuclein Levels in the Chronic MPTP Mouse Model of Parkinson's Disease. Journal of Parkinson's Disease, 2019, 9, 157-171.	1.5	92
1091	The Developing Story of Predictive Biomarkers in Colorectal Cancer. Journal of Personalized Medicine, 2019, 9, 12.	1.1	111
1092	Borneol for Regulating the Permeability of the Blood-Brain Barrier in Experimental Ischemic Stroke: Preclinical Evidence and Possible Mechanism. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	1.9	53
1093	Atypical antipsychotics induce human osteoblasts apoptosis via Wnt \hat{l}^2 -catenin signaling. BMC Pharmacology & Equation 2019, 20, 10.	1.0	12
1094	Bax to the future – A novel, high-yielding approach for purification and expression of full-length Bax protein for structural studies. Protein Expression and Purification, 2019, 158, 20-26.	0.6	7
1095	Cell cycle arrest in mitosis promotes interferon-induced necroptosis. Cell Death and Differentiation, 2019, 26, 2046-2060.	5.0	36
1096	CYTL1 regulates bone homeostasis in mice by modulating osteogenesis of mesenchymal stem cells and osteoclastogenesis of bone marrow-derived macrophages. Cell Death and Disease, 2019, 10, 47.	2.7	18

#	Article	IF	CITATIONS
1097	A Combination of Intrathecal and Intramuscular Application of Human Mesenchymal Stem Cells Partly Reduces the Activation of Necroptosis in the Spinal Cord of SOD1G93A Rats. Stem Cells Translational Medicine, 2019, 8, 535-547.	1.6	32
1098	CdSe/ZnS Quantum Dots Impaired the First Two Generations of Placenta Growth in an Animal Model, Based on the Shh Signaling Pathway. Nanomaterials, 2019, 9, 257.	1.9	12
1099	Recent advances in the development of Mcl-1 inhibitors for cancer therapy. , 2019, 198, 59-67.		106
1100	The pro-apoptotic Bcl-2 family member Harakiri (HRK) induces cell death in glioblastoma multiforme. Cell Death Discovery, 2019, 5, 64.	2.0	26
1101	Bcl-2 Inhibitors as Sensitizing Agents for Cancer Chemotherapy. , 2019, , 151-168.		2
1102	Targeted Elimination of Senescent Beta Cells Prevents Type 1 Diabetes. Cell Metabolism, 2019, 29, 1045-1060.e10.	7.2	232
1103	Polyphenols from mango (Mangifera indica L.) modulate PI3K/AKT/mTOR-associated micro-RNAs and reduce inflammation in non-cancer and induce cell death in breast cancer cells. Journal of Functional Foods, 2019, 55, 9-16.	1.6	20
1104	Bottlebrush-architectured poly(ethylene glycol) as an efficient vector for RNA interference in vivo. Science Advances, 2019, 5, eaav9322.	4.7	50
1105	A candidate for lung cancer treatment: arsenic trioxide. Clinical and Translational Oncology, 2019, 21, 1115-1126.	1.2	41
1106	Activity-Dependent Regulation of the Proapoptotic BH3-Only Gene <i>egl-1</i> in a Living Neuron Pair in <i>Caenorhabditis elegans</i> . G3: Genes, Genomes, Genetics, 2019, 9, 3703-3714.	0.8	2
1107	Venetoclax for the treatment of mantle cell lymphoma. Annals of Lymphoma, 2019, 3, 4-4.	4.5	1
1108	Protective effects of human umbilical cord bloodâ€'derived mesenchymal stem cells against dexamethasoneâ€'induced apoptotic cell death in hair follicles. International Journal of Molecular Medicine, 2020, 45, 556-568.	1.8	5
1109	Multiple myeloma with $1q21$ amplification is highly sensitive to MCL-1 targeting. Blood Advances, 2019, 3, 4202-4214.	2.5	60
1110	Venetoclax for AML: changing the treatment paradigm. Blood Advances, 2019, 3, 4326-4335.	2.5	119
1111	The atheroprotective roles of heart-protecting musk pills against atherosclerosis development in apolipoprotein E-deficient mice. Annals of Translational Medicine, 2019, 7, 714-714.	0.7	6
1112	Discovery and in Vivo Evaluation of Macrocyclic Mcl-1 Inhibitors Featuring an α-Hydroxy Phenylacetic Acid Pharmacophore or Bioisostere. Journal of Medicinal Chemistry, 2019, 62, 10258-10271.	2.9	11
1113	PROTACs: great opportunities for academia and industry. Signal Transduction and Targeted Therapy, 2019, 4, 64.	7.1	367
1114	Sulforaphene induces apoptosis and inhibits the invasion of esophageal cancer cells through MSK2/CREB/Bcl-2 and cadherin pathway in vivo and in vitro. Cancer Cell International, 2019, 19, 342.	1.8	23

#	Article	IF	CITATIONS
1115	Simvastatin enhances proliferation and pluripotent gene expression by canine bone marrow-derived mesenchymal stem cells (cBM-MSCs) in vitro. Heliyon, 2019, 5, e02663.	1.4	8
1116	Utilizing PROTAC technology to address the on-target platelet toxicity associated with inhibition of BCL-X _L . Chemical Communications, 2019, 55, 14765-14768.	2.2	54
1117	The role of the multiâ€drug resistance 1, p53, b cell lymphoma 2, and bcl 2â€associated X genes in the biologic behavior and chemotherapeutic resistance of canine transmissible venereal tumors. Veterinary Clinical Pathology, 2019, 48, 730-739.	0.3	8
1118	CLEC4M is associated with poor prognosis and promotes cisplatin resistance in NSCLC patients. Journal of Cancer, 2019, 10, 6374-6383.	1.2	25
1119	Humanin induces conformational changes in the apoptosis regulator BAX and sequesters it into fibers, preventing mitochondrial outer-membrane permeabilization. Journal of Biological Chemistry, 2019, 294, 19055-19065.	1.6	27
1120	Clerodane Diterpene Ameliorates Inflammatory Bowel Disease and Potentiates Cell Apoptosis of Colorectal Cancer. Biomolecules, 2019, 9, 762.	1.8	6
1121	FLT3-ITD Activates RSK1 to Enhance Proliferation and Survival of AML Cells by Activating mTORC1 and eIF4B Cooperatively with PIM or PI3K and by Inhibiting Bad and BIM. Cancers, 2019, 11, 1827.	1.7	34
1122	Quantitative characterization of mechano-biological interrelationships of single cells. International Journal of Advanced Manufacturing Technology, 2019, 105, 4967-4972.	1.5	4
1124	Bcl-2 regulates pyroptosis and necroptosis by targeting BH3-like domains in GSDMD and MLKL. Cell Death Discovery, 2019, 5, 151.	2.0	42
1125	Interactions between hydatid cyst and regulated cell death may provide new therapeutic opportunities. Parasite, 2019, 26, 70.	0.8	10
1126	Andrographolide sensitizes Hep-2 human laryngeal cancer cells to carboplatin-induced apoptosis by increasing reactive oxygen species levels. Anti-Cancer Drugs, 2019, 30, 731-739.	0.7	10
1127	T cell–derived interferon-γ programs stem cell death in immune-mediated intestinal damage. Science Immunology, 2019, 4, .	5.6	85
1128	Alterations of the interactome of Bcl-2 proteins in breast cancer at the transcriptional, mutational and structural level. PLoS Computational Biology, 2019, 15, e1007485.	1.5	42
1129	Cancer Treatment Goes Viral: Using Viral Proteins to Induce Tumour-Specific Cell Death. Cancers, 2019, 11, 1975.	1.7	10
1130	Resistance Mechanisms to Targeted Agents in Chronic Lymphocytic Leukemia. Cancer Journal (Sudbury,) Tj ETQq	0 0.0 rgBT	/Oyerlock 10
1131	Cotreatment with sorafenib and oleanolic acid induces reactive oxygen species-dependent and mitochondrial-mediated apoptotic cell death in hepatocellular carcinoma cells. Anti-Cancer Drugs, 2019, 30, 209-217.	0.7	16
1132	Characterisation of mice lacking the inflammatory caspases-1/11/12 reveals no contribution of caspase-12 to cell death and sepsis. Cell Death and Differentiation, 2019, 26, 1124-1137.	5.0	23
1133	T Cells and Regulated Cell Death. International Review of Cell and Molecular Biology, 2019, 342, 27-71.	1.6	27

#	Article	IF	CITATIONS
1134	PPâ€22 promotes autophagy and apoptosis in the nasopharyngeal carcinoma cell line CNEâ€2 by inducing endoplasmic reticulum stress, downregulating STAT3 signaling, and modulating the MAPK pathway. Journal of Cellular Physiology, 2019, 234, 2618-2630.	2.0	25
1135	Ablation of Cytochrome c in Adult Forebrain Neurons Impairs Oxidative Phosphorylation Without Detectable Apoptosis. Molecular Neurobiology, 2019, 56, 3722-3735.	1.9	9
1136	Induction of the BIM Short Splice Variant Sensitizes Proliferating NK Cells to IL-15 Withdrawal. Journal of Immunology, 2019, 202, 736-746.	0.4	8
1137	Pseudolaric acid B exhibits anti-cancer activity on human hepatocellular carcinoma through inhibition of multiple carcinogenic signaling pathways. Phytomedicine, 2019, 59, 152759.	2.3	18
1138	BFL1 modulates apoptosis at the membrane level through a bifunctional and multimodal mechanism showing key differences with BCLXL. Cell Death and Differentiation, 2019, 26, 1880-1894.	5.0	18
1139	By reducing global mRNA translation in several ways, 2-deoxyglucose lowers MCL-1 protein and sensitizes hemopoietic tumor cells to BH3 mimetic ABT737. Cell Death and Differentiation, 2019, 26, 1766-1781.	5.0	16
1140	Quantification of BCL-2 Family Members by Flow Cytometry. Methods in Molecular Biology, 2019, 1877, 163-172.	0.4	1
1141	Cryo-Electron Microscopy to Study Bax Pores and MOMP. Methods in Molecular Biology, 2019, 1877, 247-256.	0.4	3
1142	Database and Bioinformatic Analysis of BCL-2 Family Proteins and BH3-Only Proteins. Methods in Molecular Biology, 2019, 1877, 23-43.	0.4	5
1143	Photocrosslinking Approach to Investigate Protein Interactions in the BCL-2 Family. Methods in Molecular Biology, 2019, 1877, 131-149.	0.4	5
1144	Apoptosis and Inflammatory Forms of Cell Death. , 2019, , 237-247.		0
1145	Butylene fipronil induces apoptosis in PC12 murine nervous cells via activation of p16 DK4/6 yclin D1 and mitochondrial apoptotic pathway. Journal of Biochemical and Molecular Toxicology, 2019, 33, e22264.	1.4	4
1146	c-Jun/Bim Upregulation in Dopaminergic Neurons Promotes Neurodegeneration in the MPTP Mouse Model of Parkinson's Disease. Neuroscience, 2019, 399, 117-124.	1.1	9
1147	Amplification of Oxidative Stress in MCF-7 Cells by a Novel pH-Responsive Amphiphilic Micellar System Enhances Anticancer Therapy. Molecular Pharmaceutics, 2019, 16, 689-700.	2.3	17
1148	Mitotic slippage: an old tale with a new twist. Cell Cycle, 2019, 18, 7-15.	1.3	81
1149	Protective role of microRNAâ€374 against myocardial ischemiaâ€reperfusion injury in mice following thoracic epidural anesthesia by downregulating dystrobrevin alphaâ€mediated Notch1 axis. Journal of Cellular Physiology, 2019, 234, 10726-10740.	2.0	15
1150	Apios americana Medik flowers extract protects PC12â€⁻cells against H2O2 induced neurotoxicity via regulating autophagy. Food and Chemical Toxicology, 2019, 124, 231-238.	1.8	29
1151	Dysregulation of miRâ€125b predicts poor response to therapy in pediatric acute lymphoblastic leukemia. Journal of Cellular Biochemistry, 2019, 120, 7428-7438.	1.2	13

#	ARTICLE	IF	CITATIONS
1152	Carvedilol (CAR) combined with carnosic acid (CAA) attenuates doxorubicin-induced cardiotoxicity by suppressing excessive oxidative stress, inflammation, apoptosis and autophagy. Biomedicine and Pharmacotherapy, 2019, 109, 71-83.	2.5	64
1153	Balancing Apoptosis and Autophagy for Parkinson's Disease Therapy: Targeting BCL-2. ACS Chemical Neuroscience, 2019, 10, 792-802.	1.7	82
1154	Adipose mesenchymal stem cell-derived exosomes ameliorate hypoxia/serum deprivation-induced osteocyte apoptosis and osteocyte-mediated osteoclastogenesis inÂvitro. Biochemical and Biophysical Research Communications, 2019, 508, 138-144.	1.0	52
1155	Co-delivery of curcumin and doxorubicin in PEGylated liposomes favored the antineoplastic C26 murine colon carcinoma microenvironment. Drug Delivery and Translational Research, 2019, 9, 260-272.	3.0	56
1156	Overexpression of acid ceramidase (ASAH1) protects retinal cells (ARPE19) from oxidative stress. Journal of Lipid Research, 2019, 60, 30-43.	2.0	24
1157	LRRC8A potentiates temozolomide sensitivity in glioma cells via activating mitochondria-dependent apoptotic pathway. Human Cell, 2019, 32, 41-50.	1.2	9
1158	Cathepsin K-deficiency impairs mouse cardiac function after myocardial infarction. Journal of Molecular and Cellular Cardiology, 2019, 127, 44-56.	0.9	19
1159	Micro <scp>RNA</scp> s as regulators of cell death mechanisms in amyotrophic lateral sclerosis. Journal of Cellular and Molecular Medicine, 2019, 23, 1647-1656.	1.6	24
1160	Regulation of apoptosis in health and disease: the balancing act of BCL-2 family proteins. Nature Reviews Molecular Cell Biology, 2019, 20, 175-193.	16.1	1,185
1161	NDRG4 protects against cerebral ischemia injury by inhibiting p53-mediated apoptosis. Brain Research Bulletin, 2019, 146, 104-111.	1.4	20
1162	In vitro study of anti-ER positive breast cancer effect and mechanism of 1,2,3,4-6-pentyl-O-galloyl-beta-d-glucose (PGG). Biomedicine and Pharmacotherapy, 2019, 111, 813-820.	2.5	12
1163	Development of a Convergent Large-Scale Synthesis for Venetoclax, a First-in-Class BCL-2 Selective Inhibitor. Journal of Organic Chemistry, 2019, 84, 4814-4829.	1.7	33
1164	Intra-arterial administration of cell-based biological agents for ischemic stroke therapy. Expert Opinion on Biological Therapy, 2019, 19, 249-259.	1.4	8
1165	The JNK signaling pathway plays a key role in methuosis (non-apoptotic cell death) induced by MOMIPP in glioblastoma. BMC Cancer, 2019, 19, 77.	1.1	32
1166	Towards the contribution of the p38MAPK pathway to the dual role of $TGF\hat{l}^2$ in cancer: A boolean model approach. Computers in Biology and Medicine, 2019, 104, 235-240.	3.9	8
1167	MCL-1 or BCL-xL-dependent resistance to the BCL-2 antagonist (ABT-199) can be overcome by specific inhibitor as single agents and in combination with ABT-199 in acute myeloid leukemia cells. Leukemia and Lymphoma, 2019, 60, 2170-2180.	0.6	22
1168	Crashing the computer: apoptosis vs. necroptosis in neuroinflammation. Cell Death and Differentiation, 2019, 26, 41-52.	5.0	97
1169	Comparing the effects of different cell death programs in tumor progression and immunotherapy. Cell Death and Differentiation, 2019, 26, 115-129.	5.0	74

#	Article	IF	CITATIONS
1170	Mcl-1 and Bcl-xL are essential for survival of the developing nervous system. Cell Death and Differentiation, 2019, 26, 1501-1515.	5.0	35
1171	Rhazyaminine from Rhazya stricta Inhibits Metastasis and Induces Apoptosis by Downregulating Bcl-2 Gene in MCF7 Cell Line. Integrative Cancer Therapies, 2019, 18, 153473541880990.	0.8	5
1172	 <i>miR-34a-5p</i> aggravates hypoxia-induced apoptosis by targeting ZEB1 in cardiomyocytes. Biological Chemistry, 2019, 400, 227-236.	1.2	21
1173	hnRNP Lâ€dependent protection of normal mRNAs from NMD subverts quality control in B cell lymphoma. EMBO Journal, 2019, 38, .	3.5	56
1174	Probing BAK and BAX Activation and Pore Assembly with Cytochrome c Release, Limited Proteolysis, and Oxidant-Induced Linkage. Methods in Molecular Biology, 2019, 1877, 201-216.	0.4	7
1176	The protective effects of Nile tilapia (Oreochromis niloticus) scale collagen hydrolysate against oxidative stress induced by tributyltin in HepG2 cells. Environmental Science and Pollution Research, 2019, 26, 3612-3620.	2.7	7
1177	Flow Cytometry-Based Detection and Analysis of BCL-2 Family Proteins and Mitochondrial Outer Membrane Permeabilization (MOMP). Methods in Molecular Biology, 2019, 1877, 77-91.	0.4	7
1178	Liposomal Permeabilization Assay to Study the Functional Interactions of the BCL-2 Family. Methods in Molecular Biology, 2019, 1877, 111-119.	0.4	3
1179	Downregulating STAT1/caspaseâ€3 signaling with fludarabine to alleviate progression in a rat model of steroidâ€induced avascular necrosis of the femoral head. Journal of Biochemical and Molecular Toxicology, 2019, 33, e22265.	1.4	14
1180	Resveratrol analog, N-(4-methoxyphenyl)-3,5-dimethoxybenzamide induces G2/M phase cell cycle arrest and apoptosis in HeLa human cervical cancer cells. Food and Chemical Toxicology, 2019, 124, 101-111.	1.8	11
1181	Discussion of some  knowns' and some  unknowns' about the tumour suppressor p53. Journal of Molecular Cell Biology, 2019, 11, 212-223.	1.5	22
1182	Acquisition of the Recurrent Gly101Val Mutation in BCL2 Confers Resistance to Venetoclax in Patients with Progressive Chronic Lymphocytic Leukemia. Cancer Discovery, 2019, 9, 342-353.	7.7	306
1183	A panel of noncoding RNAs in non–smallâ€cell lung cancer. Journal of Cellular Biochemistry, 2019, 120, 8280-8290.	1.2	41
1184	Smac mimetics as novel promising modulators of apoptosis in the treatment of breast cancer. Journal of Cellular Biochemistry, 2019, 120, 9300-9314.	1.2	23
1186	Characterization of two new high-grade B-cell lymphoma cell lines with MYC and BCL2 rearrangements that are suitable for in vitro drug sensitivity studies. Leukemia and Lymphoma, 2019, 60, 1043-1052.	0.6	1
1187	Composition of Ophiopogon Polysaccharide, Notoginseng Total Saponins and Rhizoma Coptidis Alkaloids Inhibits the Myocardial Apoptosis on Diabetic Atherosclerosis Rabbit. Chinese Journal of Integrative Medicine, 2020, 26, 353-360.	0.7	7
1188	Dynein light chain binding determines complex formation and posttranslational stability of the Bcl-2 family members Bmf and Bim. Cell Death and Differentiation, 2020, 27, 434-450.	5.0	19
1189	Evaluation of the Interaction between Bax and Hsp70 in Cells by Using a FRET System Consisting of a Fluorescent Amino Acid and YFP as a FRET Pair. ChemBioChem, 2020, 21, 59-63.	1.3	13

#	Article	IF	CITATIONS
1190	Inhibition of the PD-1/PD-L1 signaling pathway enhances innate immune response of alveolar macrophages to mycobacterium tuberculosis in mice. Pulmonary Pharmacology and Therapeutics, 2020, 60, 101842.	1.1	11
1191	Hot-Spots of Mcl-1 Protein. Journal of Medicinal Chemistry, 2020, 63, 928-943.	2.9	57
1192	BAX, BAK, and BOK: A Coming of Age for the BCL-2 Family Effector Proteins. Cold Spring Harbor Perspectives in Biology, 2020, 12, a036319.	2.3	106
1193	The anticancer effect of the TLR4 inhibition using TAKâ€242 (resatorvid) either as a single agent or in combination with chemotherapy: A novel therapeutic potential for breast cancer. Journal of Cellular Biochemistry, 2020, 121, 1623-1634.	1.2	19
1194	The comparison of the effects of local cooling and heating on apoptosis and pyroptosis of earlyâ€stage pressure ulcers in rats. Journal of Cellular Biochemistry, 2020, 121, 1649-1663.	1.2	2
1195	Apoptotic effects of norfloxacin on corneal endothelial cells. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 77-88.	1.4	4
1196	A phase I study of AT-101, a BH3 mimetic, in combination with paclitaxel and carboplatin in solid tumors. Investigational New Drugs, 2020, 38, 855-865.	1,2	17
1197	Silencing of the cytokine receptor TNFRSF13B: A new therapeutic target for triple-negative breast cancer. Cytokine, 2020, 125, 154790.	1.4	13
1198	MicroRNAâ€326 decreases tau phosphorylation and neuron apoptosis through inhibition of the JNK signaling pathway by targeting ⟨i⟩VAV1⟨/i⟩ in Alzheimer's disease. Journal of Cellular Physiology, 2020, 235, 480-493.	2.0	47
1199	Histone demethylase KDM7A is required for stem cell maintenance and apoptosis inhibition in breast cancer. Journal of Cellular Physiology, 2020, 235, 932-943.	2.0	25
1200	Antisense LNA-loaded nanoparticles of star-shaped glucose-core PCL-PEG copolymer for enhanced inhibition of oncomiR-214 and nucleolin-mediated therapy of cisplatin-resistant ovarian cancer cells. International Journal of Pharmaceutics, 2020, 573, 118729.	2.6	40
1201	The food preservative ethoxyquin impairs zebrafish development, behavior and alters gene expression profile. Food and Chemical Toxicology, 2020, 135, 110926.	1.8	14
1202	Licochalcone H Synthesized by Modifying Structure of Licochalcone C Extracted from Glycyrrhiza inflata Induces Apoptosis of Esophageal Squamous Cell Carcinoma Cells. Cell Biochemistry and Biophysics, 2020, 78, 65-76.	0.9	8
1203	The protective effects of Thalictrum minus L. on lipopolysaccharide-induced acute lung injury. Journal of Ethnopharmacology, 2020, 248, 112355.	2.0	14
1204	Mechanisms of Human Immunodeficiency Virus-Associated Lymphocyte Regulated Cell Death. AIDS Research and Human Retroviruses, 2020, 36, 101-115.	0.5	13
1205	Targeting the ubiquitin-proteasome pathway to overcome anti-cancer drug resistance. Drug Resistance Updates, 2020, 48, 100663.	6.5	180
1206	PLEK2 mediates metastasis and vascular invasion via the ubiquitinâ€dependent degradation of SHIP2 in nonâ€small cell lung cancer. International Journal of Cancer, 2020, 146, 2563-2575.	2.3	38
1207	Human monocytic myeloidâ€derived suppressor cells impair Bâ€cell phenotype and function in vitro. European Journal of Immunology, 2020, 50, 33-47.	1.6	26

#	Article	IF	CITATIONS
1208	Minimum Wage Policy and Community College Enrollment Patterns. ILR Review, 2020, 73, 178-210.	1.3	3
1209	Adverse effect of cylindrospermopsin on embryonic development in zebrafish (Danio rerio). Chemosphere, 2020, 241, 125060.	4.2	21
1210	Immunological impact of cell death signaling driven by radiation on the tumor microenvironment. Nature Immunology, 2020, 21, 120-134.	7.0	218
1211	Osthole induces cell cycle arrest and apoptosis in head and neck squamous cell carcinoma by suppressing the PI3K/AKT signaling pathway. Chemico-Biological Interactions, 2020, 316, 108934.	1.7	18
1212	Purified Tetrastigma hemsleyanum vines polysaccharide attenuates EC-induced toxicity in Caco-2 cells and Caenorhabditis elegans via DAF-16/FOXO pathway. International Journal of Biological Macromolecules, 2020, 150, 1192-1202.	3.6	19
1213	Saga of Mcl-1: regulation from transcription to degradation. Cell Death and Differentiation, 2020, 27, 405-419.	5.0	94
1214	Grass carp (Ctenopharyngodon idella) Bcl-xl: transcriptional regulation and anti-apoptosis analysis. Fish Physiology and Biochemistry, 2020, 46, 483-500.	0.9	1
1215	Mitochondrial Impairment by Cyanine-Based Small Molecules Induces Apoptosis in Cancer Cells. ACS Medicinal Chemistry Letters, 2020, 11, 23-28.	1.3	8
1216	Autophagy in cancer: moving from understanding mechanism to improving therapy responses in patients. Cell Death and Differentiation, 2020, 27, 843-857.	5.0	278
1217	Xanthohumol, an active constituent from hope, affords protection against kainic acid-induced excitotoxicity in rats. Neurochemistry International, 2020, 133, 104629.	1.9	16
1218	Evasion of apoptosis by myofibroblasts: a hallmark of fibrotic diseases. Nature Reviews Rheumatology, 2020, 16, 11-31.	3.5	320
1219	Potent efficacy of MCL-1 inhibitor-based therapies in preclinical models of mantle cell lymphoma. Oncogene, 2020, 39, 2009-2023.	2.6	16
1220	Toward Targeting Antiapoptotic MCL-1 for Cancer Therapy. Annual Review of Cancer Biology, 2020, 4, 299-313.	2.3	26
1221	MicroRNAâ€498 reduces the proliferation and invasion of colorectal cancer cells via targeting Bclâ€2. FEBS Open Bio, 2020, 10, 168-175.	1.0	10
1222	Protective Effect of Sciadopitysin against Isoproternol-Induced Myocardial Infarction in Rats. Pharmacology, 2020, 105, 272-280.	0.9	5
1223	Differential expression of <i>Exaiptasia pallida</i> GIMAP genes upon induction of apoptosis and autophagy suggests a potential role in cnidarian symbiosis and disease. Journal of Experimental Biology, 2020, 223, .	0.8	1
1224	FTY720 in CNS injuries: Molecular mechanisms and therapeutic potential. Brain Research Bulletin, 2020, 164, 75-82.	1.4	15
1225	A switchable ceramide transfer protein for dissecting the mechanism of ceramideâ€induced mitochondrial apoptosis. FEBS Letters, 2020, 594, 3739-3750.	1.3	9

#	Article	IF	CITATIONS
1226	Identification of BCL-XL as highly active survival factor and promising therapeutic target in colorectal cancer. Cell Death and Disease, 2020, 11, 875.	2.7	17
1227	A spirostanol saponin isolated from Tupistra chinensis Baker simultaneously induces apoptosis and autophagy by regulating the JNK pathway in human gastric cancer cells. Steroids, 2020, 164, 108737.	0.8	15
1228	Vaccinia Virus Immunomodulator A46: Destructive Interactions with MAL and MyD88 Shown by Negative-Stain Electron Microscopy. Structure, 2020, 28, 1271-1287.e5.	1.6	5
1229	VD3 and LXR agonist (T0901317) combination demonstrated greater potency in inhibiting cholesterol accumulation and inducing apoptosis via ABCA1-CHOP-BCL-2 cascade in MCF-7 breast cancer cells. Molecular Biology Reports, 2020, 47, 7771-7782.	1.0	11
1230	Development of Conformational Antibodies to Detect Bcl-xL's Amyloid Aggregates in Metal-Induced Apoptotic Neuroblastoma Cells. International Journal of Molecular Sciences, 2020, 21, 7625.	1.8	3
1231	Homocysteine and Mitochondria in Cardiovascular and Cerebrovascular Systems. International Journal of Molecular Sciences, 2020, 21, 7698.	1.8	85
1232	Caspase-3, p53 and Bcl-2 expression in basal cell carcinoma of the eyelid. Postepy Dermatologii I Alergologii, 2020, 37, 535-539.	0.4	4
1233	Ultrasound targeting of microbubble-bound anti PD-L1 mAb to enhance anti-tumor effect of cisplatin in cervical cancer xenografts treatment. Life Sciences, 2020, 262, 118565.	2.0	10
1234	Identification of molecular features correlating with tumor immunity in gastric cancer by multi-omics data analysis. Annals of Translational Medicine, 2020, 8, 1050-1050.	0.7	31
1235	Research progress and treatment strategies for anesthetic neurotoxicity. Brain Research Bulletin, 2020, 164, 37-44.	1.4	8
1236	Targeting pyroptosis to regulate ischemic stroke injury: Molecular mechanisms and preclinical evidences. Brain Research Bulletin, 2020, 165, 146-160.	1.4	24
1237	Dracocephalum palmatum Stephan extract induces apoptosis in human prostate cancer cells via the caspase-8-mediated extrinsic pathway. Chinese Journal of Natural Medicines, 2020, 18, 793-800.	0.7	5
1238	Novel pyrrolopyrimidine derivatives induce p53-independent apoptosis via the mitochondrial pathway in colon cancer cells. Chemico-Biological Interactions, 2020, 330, 109236.	1.7	6
1239	Exploring indole derivatives as myeloid cell leukaemia-1 (Mcl-1) inhibitors with multi-QSAR approach: a novel hope in anti-cancer drug discovery. New Journal of Chemistry, 2020, 44, 17494-17506.	1.4	6
1240	TGF- \hat{l}^2 causes Docetaxel resistance in Prostate Cancer via the induction of Bcl-2 by acetylated KLF5 and Protein Stabilization. Theranostics, 2020, 10, 7656-7670.	4.6	34
1241	A redox switch regulates the structure and function of anti-apoptotic BFL-1. Nature Structural and Molecular Biology, 2020, 27, 781-789.	3.6	4
1242	Anti-tumor Properties of <i>Picrasma quassioides</i> Extracts in H-Ras ^{G12V} Liver Cancer Are Mediated Through ROS-dependent Mitochondrial Dysfunction. Anticancer Research, 2020, 40, 3819-3830.	0.5	10
1243	Polymyxin-Induced Cell Death of Human Macrophage-Like THP-1 and Neutrophil-Like HL-60 Cells Associated with the Activation of Apoptotic Pathways. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	5

#	Article	IF	CITATIONS
1244	Targeting apoptosis and autophagy following spinal cord injury: Therapeutic approaches to polyphenols and candidate phytochemicals. Pharmacological Research, 2020, 160, 105069.	3.1	74
1245	Genome-wide epigenetic analyses in Japanese immigrant plantation workers with Parkinson's disease and exposure to organochlorines reveal possible involvement of glial genes and pathways involved in neurotoxicity. BMC Neuroscience, 2020, 21, 31.	0.8	16
1246	Role of B Cell Lymphoma 2 in the Regulation of Liver Fibrosis in miR-122 Knockout Mice. Biology, 2020, 9, 157.	1.3	7
1247	TRAF2 regulates T cell immunity by maintaining a Tpl2-ERK survival signaling axis in effector and memory CD8 T cells. Cellular and Molecular Immunology, 2021, 18, 2262-2274.	4.8	9
1248	The effects of HIF-1α overexpression on renal injury, immune disorders and mitochondrial apoptotic pathways in renal ischemia/reperfusion rats. Translational Andrology and Urology, 2020, 9, 2157-2165.	0.6	6
1249	Melatonin Can Modulate the Effect of Navitoclax (ABT-737) in HL-60 Cells. Antioxidants, 2020, 9, 1143.	2.2	11
1250	From a Medicinal Mushroom Blend a Direct Anticancer Effect on Triple-Negative Breast Cancer: A Preclinical Study on Lung Metastases. Molecules, 2020, 25, 5400.	1.7	2
1251	<p>Acacetin Induces Apoptosis in Human Osteosarcoma Cells by Modulation of ROS/JNK Activation</p> . Drug Design, Development and Therapy, 2020, Volume 14, 5077-5085.	2.0	18
1252	The Role of ERBB2/HER2 Tyrosine Kinase Receptor in the Regulation of Cell Death. Biochemistry (Moscow), 2020, 85, 1277-1287.	0.7	4
1253	Targeting immunogenic cell death in cancer. Molecular Oncology, 2020, 14, 2994-3006.	2.1	383
1254	Traditional Uyghur medicine Quercus infectoria galls water extract triggers apoptosis and autophagic cell death in colorectal cancer cells. BMC Complementary Medicine and Therapies, 2020, 20, 371.	1.2	4
1255	Targeting Bcl-2 Proteins in Acute Myeloid Leukemia. Frontiers in Oncology, 2020, 10, 584974.	1.3	37
1256	FGF signaling regulates development by processes beyond canonical pathways. Genes and Development, 2020, 34, 1735-1752.	2.7	22
1257	Platelet-derived growth factor-BB and epidermal growth factor promote dairy goat spermatogonial stem cells proliferation via Ras/ERK1/2 signaling pathway. Theriogenology, 2020, 155, 205-212.	0.9	10
1258	<p>Tanshinone IIA Ameliorates Progression of CAD Through Regulating Cardiac H9c2 Cells Proliferation and Apoptosis by miR-133a-3p/EGFR Axis</p> . Drug Design, Development and Therapy, 2020, Volume 14, 2853-2863.	2.0	8
1259	Developmental Attenuation of Neuronal Apoptosis by Neural-Specific Splicing of Bak1 Microexon. Neuron, 2020, 107, 1180-1196.e8.	3.8	38
1260	Chitosan protects liver against ischemia-reperfusion injury via regulating Bcl-2/Bax, TNF-α and TGF-β expression. International Journal of Biological Macromolecules, 2020, 164, 1565-1574.	3.6	18
1261	Singleâ€enter pediatric experience with venetoclax and azacitidine as treatment for myelodysplastic syndrome and acute myeloid leukemia. Pediatric Blood and Cancer, 2020, 67, e28398.	0.8	39

#	Article	lF	CITATIONS
1262	Flexible Usage and Interconnectivity of Diverse Cell Death Pathways Protect against Intracellular Infection. Immunity, 2020, 53, 533-547.e7.	6.6	98
1263	Co-targeting Mitochondrial Ca2+ Homeostasis and Autophagy Enhances Cancer Cells' Chemosensitivity. IScience, 2020, 23, 101263.	1.9	8
1264	Preface: Life through death—Key role of cellular suicide for colonial and organismal homeostasis. International Review of Cell and Molecular Biology, 2020, 353, ix-xiii.	1.6	1
1265	Cellular and developmental basis of orofacial clefts. Birth Defects Research, 2020, 112, 1558-1587.	0.8	40
1266	Preface: Life through deathâ€"Key role of cellular suicide for colonial and organismal homeostasis. International Review of Cell and Molecular Biology, 2020, 352, xi-xv.	1.6	1
1267	NKX6.1 Represses Tumorigenesis, Metastasis, and Chemoresistance in Colorectal Cancer. International Journal of Molecular Sciences, 2020, 21, 5106.	1.8	15
1268	Ubiquitination and deubiquitination of MCL1 in cancer: deciphering chemoresistance mechanisms and providing potential therapeutic options. Cell Death and Disease, 2020, 11, 556.	2.7	44
1269	NLRP3 Inflammasomes in Parkinson's disease and their Regulation by Parkin. Neuroscience, 2020, 446, 323-334.	1.1	48
1270	Intracellular levels of reactive oxygen species correlate with ABTâ€263 sensitivity in nonâ€smallâ€cell lung cancer cells. Cancer Science, 2020, 111, 3793-3801.	1.7	4
1271	Discovery of a Copper-Based Mcl-1 Inhibitor as an Effective Antitumor Agent. Journal of Medicinal Chemistry, 2020, 63, 9154-9167.	2.9	25
1272	Gene expression profile identifies distinct molecular subtypes and potential therapeutic genes in Merkel cell carcinoma. Translational Oncology, 2020, 13, 100816.	1.7	4
1273	Targeting BCL-2 in B-cell malignancies and overcoming therapeutic resistance. Cell Death and Disease, 2020, 11, 941.	2.7	115
1274	Environmental Pollutant Benzo[a]pyrene Induces Recurrent Pregnancy Loss through Promoting Apoptosis and Suppressing Migration of Extravillous Trophoblast. BioMed Research International, 2020, 2020, 1-10.	0.9	18
1275	Targeting Bcl-2 Family Proteins: What, Where, When?. Biochemistry (Moscow), 2020, 85, 1210-1226.	0.7	19
1276	The Double-Edge Sword of Autophagy in Cancer: From Tumor Suppression to Pro-tumor Activity. Frontiers in Oncology, 2020, 10, 578418.	1.3	151
1277	Chloride intracellular channel 4 is dysregulated in endometrium of women with infertility and alters receptivity. Biochemical and Biophysical Research Communications, 2020, 531, 490-496.	1.0	8
1278	Disulfide Reduction Allosterically Destabilizes the \hat{l}^2 -Ladder Subdomain Assembly within the NS1 Dimer of ZIKV. Biophysical Journal, 2020, 119, 1525-1537.	0.2	7
1279	Emerging connectivity of programmed cell death pathways and its physiological implications. Nature Reviews Molecular Cell Biology, 2020, 21, 678-695.	16.1	465

#	Article	IF	CITATIONS
1280	Diversity in the intrinsic apoptosis pathway of nematodes. Communications Biology, 2020, 3, 478.	2.0	4
1281	CRISPR/Cas9-Mediated OC-2 Editing Inhibits the Tumor Growth and Angiogenesis of Ovarian Cancer. Frontiers in Oncology, 2020, 10, 1529.	1.3	5
1282	Sulforaphene inhibits esophageal cancer progression via suppressing SCD and CDH3 expression, and activating the GADD45B-MAP2K3-p38-p53 feedback loop. Cell Death and Disease, 2020, 11, 713.	2.7	26
1283	Flavokawain B and Doxorubicin Work Synergistically to Impede the Propagation of Gastric Cancer Cells via ROS-Mediated Apoptosis and Autophagy Pathways. Cancers, 2020, 12, 2475.	1.7	24
1284	Identification of most influential co-occurring gene suites for gastrointestinal cancer using biomedical literature mining and graph-based influence maximization. BMC Medical Informatics and Decision Making, 2020, 20, 208.	1.5	2
1285	Current developments in the combination therapy of relapsed/refractory multiple myeloma. Expert Review of Anticancer Therapy, 2020, 20, 1021-1035.	1.1	8
1286	Analyzing Gene Expression Profiles from Ataxia and Spasticity Phenotypes to Reveal Spastic Ataxia Related Pathways. International Journal of Molecular Sciences, 2020, 21, 6722.	1.8	5
1287	Apoptotic stress induces Bax-dependent, caspase-independent redistribution of LINC complex nesprins. Cell Death Discovery, 2020, 6, 90.	2.0	14
1288	Current Understanding of the Structure and Function of Fungal Immunomodulatory Proteins. Frontiers in Nutrition, 2020, 7, 132.	1.6	22
1289	Multiscale Model Identifies Improved Schedule for Treatment of Acute Myeloid Leukemia In Vitro With the Mcl†Inhibitor AZD5991. CPT: Pharmacometrics and Systems Pharmacology, 2020, 9, 561-570.	1.3	1
1290	The BCL-2 selective inhibitor ABT-199 sensitizes soft tissue sarcomas to proteasome inhibition by a concerted mechanism requiring BAX and NOXA. Cell Death and Disease, 2020, 11, 701.	2.7	21
1291	A Novel Imidazopyridine Derivative Exerts Anticancer Activity by Inducing Mitochondrial Pathway-Mediated Apoptosis. BioMed Research International, 2020, 2020, 1-9.	0.9	3
1292	Mclâ€1 targeting strategies unlock the proapoptotic potential of TRAIL in melanoma cells. Molecular Carcinogenesis, 2020, 59, 1256-1268.	1.3	11
1293	Gambogic acid affects ESCC progression through regulation of PI3K/AKT/mTOR signal pathway. Journal of Cancer, 2020, 11, 5568-5577.	1.2	12
1294	Mitochondrial dysfunction caused by outer membrane vesicles from Gram-negative bacteria activates intrinsic apoptosis and inflammation. Nature Microbiology, 2020, 5, 1418-1427.	5.9	105
1295	Cochlear homeostasis: a molecular physiological perspective on maintenance of sound transduction and auditory neurotransmission with noise and ageing. Current Opinion in Physiology, 2020, 18, 106-115.	0.9	3
1296	The Oscillation Amplitude, Not the Frequency of Cytosolic Calcium, Regulates Apoptosis Induction. IScience, 2020, 23, 101671.	1.9	14
1297	Discovery of AZD4573, a Potent and Selective Inhibitor of CDK9 That Enables Short Duration of Target Engagement for the Treatment of Hematological Malignancies. Journal of Medicinal Chemistry, 2020, 63, 15564-15590.	2.9	57

#	Article	IF	CITATIONS
1298	Infection of Mammals and Mosquitoes by Alphaviruses: Involvement of Cell Death. Cells, 2020, 9, 2612.	1.8	4
1299	Humanin selectively prevents the activation of pro-apoptotic protein BID by sequestering it into fibers. Journal of Biological Chemistry, 2020, 295, 18226-18238.	1.6	16
1300	iASPP protects the heart from ischemia injury by inhibiting p53 expression and cardiomyocyte apoptosis. Acta Biochimica Et Biophysica Sinica, 2020, 53, 102-111.	0.9	2
1301	Regulation of Platelet Production and Life Span: Role of Bcl-xL and Potential Implications for Human Platelet Diseases. International Journal of Molecular Sciences, 2020, 21, 7591.	1.8	24
1302	Ginkgetin Alleviates Inflammation, Oxidative Stress, and Apoptosis Induced by Hypoxia/Reoxygenation in H9C2 Cells via Caspase-3 Dependent Pathway. BioMed Research International, 2020, 2020, 1-9.	0.9	7
1303	Computational Design of BH3-Mimetic Peptide Inhibitors That Can Bind Specifically to Mcl-1 or Bcl-X _L : Role of Non-Hot Spot Residues. Biochemistry, 2020, 59, 4379-4394.	1.2	8
1304	"Mitochondrial Toolbox―– A Review of Online Resources to Explore Mitochondrial Genomics. Frontiers in Genetics, 2020, 11, 439.	1.1	3
1305	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. Cells, 2020, 9, 1213.	1.8	17
1306	Apoptosis Functions in Defense against Infection of Mammalian Cells with Environmental Chlamydiae. Infection and Immunity, 2020, 88, .	1.0	14
1307	The role of extracellular vesicles from stored RBC units in B lymphocyte survival and plasma cell differentiation. Journal of Leukocyte Biology, 2020, 108, 1765-1776.	1.5	10
1308	Bâ€cell lymphoma 2 family genes show a molecular pattern of spatiotemporal heterogeneity in gynaecologic and breast cancer. Cell Proliferation, 2020, 53, e12826.	2.4	6
1309	Stem cell-based treatment of kidney diseases. Experimental Biology and Medicine, 2020, 245, 902-910.	1.1	9
1310	p53 and BLC2 Immunohistochemical Expression Across Molecular Subtypes in 1099 Early Breast Cancer Patients With Long-Term Follow-up: An Observational Study. Clinical Breast Cancer, 2020, 20, e761-e770.	1.1	4
1311	Warburg and Beyond: The Power of Mitochondrial Metabolism to Collaborate or Replace Fermentative Glycolysis in Cancers, 2020, 12, 1119.	1.7	117
1312	Apoptosis as a mechanism for the treatment of adult T cell leukemia: promising drugs from benchside to bedside. Drug Discovery Today, 2020, 25, 1189-1197.	3.2	3
1313	Recent insights into peroxisome biogenesis and associated diseases. Journal of Cell Science, 2020, 133, .	1.2	41
1314	Design, synthesis, inÂvitro and inÂvivo biological evaluation of 2-amino-3-aroylbenzo[b]furan derivatives as highly potent tubulin polymerization inhibitors. European Journal of Medicinal Chemistry, 2020, 200, 112448.	2.6	25
1315	MCL-1Matrix maintains neuronal survival by enhancing mitochondrial integrity and bioenergetic capacity under stress conditions. Cell Death and Disease, 2020, 11, 321.	2.7	68

#	Article	IF	CITATIONS
1316	Biomimetic Matrix Stiffness Modulates Hepatocellular Carcinoma Malignant Phenotypes and Macrophage Polarization through Multiple Modes of Mechanical Feedbacks. ACS Biomaterials Science and Engineering, 2020, 6, 3994-4004.	2.6	15
1317	Mcl-1 as a "barrier―in cancer treatment: Can we target it now?. International Review of Cell and Molecular Biology, 2020, 351, 23-55.	1.6	9
1318	Disruption of conserved polar interactions causes a sequential release of Bim mutants from the canonical binding groove of Mcl1. International Journal of Biological Macromolecules, 2020, 158, 364-374.	3.6	6
1319	MCL1 inhibitors S63845/MIK665 plus Navitoclax synergistically kill difficult-to-treat melanoma cells. Cell Death and Disease, 2020, 11, 443.	2.7	45
1320	Homogeneous Oligomers of Pro-apoptotic BAX Reveal Structural Determinants of Mitochondrial Membrane Permeabilization. Molecular Cell, 2020, 79, 68-83.e7.	4.5	32
1321	Neuroprotective effects of astaxanthin against oxygen and glucose deprivation damage via the PI3K/Akt/GSK3β/Nrf2 signalling pathway in vitro. Journal of Cellular and Molecular Medicine, 2020, 24, 8977-8985.	1.6	44
1322	PRMT2 accelerates tumorigenesis of hepatocellular carcinoma by activating Bcl2 via histone H3R8 methylation. Experimental Cell Research, 2020, 394, 112152.	1.2	31
1323	Dual MicroRNA-Triggered Drug Release System for Combined Chemotherapy and Gene Therapy with Logic Operation. ACS Applied Materials & Samp; Interfaces, 2020, 12, 32493-32502.	4.0	35
1324	Wasp venom peptide as a new antichagasic agent. Toxicon, 2020, 181, 71-78.	0.8	19
1325	Icariin improves cognitive deficits by reducing the deposition of \hat{l}^2 -amyloid peptide and inhibition of neurons apoptosis in SAMP8 mice. NeuroReport, 2020, 31, 663-671.	0.6	16
1326	SUMOylation of MCL1 protein enhances its stability by regulating the ubiquitin-proteasome pathway. Cellular Signalling, 2020, 73, 109686.	1.7	11
1327	Daphnetin induces apoptosis in fibroblast-like synoviocytes from collagen-induced arthritic rats mainly via the mitochondrial pathway. Cytokine, 2020, 133, 155146.	1.4	4
1328	Low molecular weight silicones induce cell death in cultured cells. Scientific Reports, 2020, 10, 9558.	1.6	17
1329	Cell Death Mechanisms of the Promising Anticancer Compound Gallotannin. , 0, , .		0
1330	Daucosterol linolenate from Sweet Potato Suppresses MCF7-Xenograft-Tumor Growth through Regulating PI3K/AKT Pathway. Planta Medica, 2020, 86, 767-775.	0.7	3
1331	Crosstalk between apoptosis and autophagy signaling pathways. International Review of Cell and Molecular Biology, 2020, 352, 115-158.	1.6	51
1332	Molecular Mechanisms of Cardiomyocyte Death in Drug-Induced Cardiotoxicity. Frontiers in Cell and Developmental Biology, 2020, 8, 434.	1.8	89
1333	MicroRNA-561 Affects Proliferation and Cell Cycle Transition Through PTEN/AKT Signaling Pathway by Targeting P-REX2a in NSCLC. Oncology Research, 2020, 28, 147-159.	0.6	13

#	Article	IF	CITATIONS
1334	Control of stress-induced apoptosis by freezing tolerance-associated wheat proteins during cryopreservation of rat hepatocytes. Cell Stress and Chaperones, 2020, 25, 869-886.	1.2	6
1335	Combined reduction in the expression of MCL-1 and BCL-2 reduces organismal size in mice. Cell Death and Disease, 2020, 11, 185.	2.7	7
1336	Structureâ€based design, synthesis, and evaluation of Bclâ€2/Mclâ€1 dual inhibitors. Archiv Der Pharmazie, 2020, 353, e2000005.	2.1	7
1337	Noncoding RNAs in gastric cancer: implications for drug resistance. Molecular Cancer, 2020, 19, 62.	7.9	276
1338	Subchronic oral mercury caused intestinal injury and changed gut microbiota in mice. Science of the Total Environment, 2020, 721, 137639.	3.9	38
1339	p-Coumaric acid attenuates alcohol exposed hepatic injury through MAPKs, apoptosis and Nrf2 signaling in experimental models. Chemico-Biological Interactions, 2020, 321, 109044.	1.7	36
1340	Indole-3-Carbinol Derivative DIM Mitigates Carbon Tetrachloride-Induced Acute Liver Injury in Mice by Inhibiting Inflammatory Response, Apoptosis and Regulating Oxidative Stress. International Journal of Molecular Sciences, 2020, 21, 2048.	1.8	36
1341	High cholesterol induces apoptosis and autophagy through the ROS-activated AKT/FOXO1 pathway in tendon-derived stem cells. Stem Cell Research and Therapy, 2020, 11, 131.	2.4	75
1342	Overexpression and biological function of PRDX6 in human cervical cancer. Journal of Cancer, 2020, 11, 2390-2400.	1.2	20
1343	Targeting apoptosis in cancer therapy. Nature Reviews Clinical Oncology, 2020, 17, 395-417.	12.5	1,192
1344	The design and development of covalent protein-protein interaction inhibitors for cancer treatment. Journal of Hematology and Oncology, 2020, 13, 26.	6.9	50
1345	A Potential Anti-cancer Compound Separated from the Chloroform Extract of the Chinese Medicine Formula Shenqi San. Current Medical Science, 2020, 40, 138-144.	0.7	2
1346	New 1,2,4-triazole/pyrazole hybrids linked to oxime moiety as nitric oxide donor celecoxib analogs: Synthesis, cyclooxygenase inhibition anti-inflammatory, ulcerogenicity, anti-proliferative activities, apoptosis, molecular modeling and nitric oxide release studies. Bioorganic Chemistry, 2020, 98, 103752.	2.0	48
1347	Protection from \hat{l}^2 -cell apoptosis by inhibition of TGF- \hat{l}^2 /Smad3 signaling. Cell Death and Disease, 2020, 11, 184.	2.7	39
1348	<p>Development of Dual Functional Nucleic Acid Delivery Nanosystem for DNA Induced Silencing of Bcl-2 Oncogene</p> . International Journal of Nanomedicine, 2020, Volume 15, 1693-1708.	3.3	19
1349	Gastric Damage and Cancer-Associated Biomarkers in Helicobacter pylori-Infected Children. Frontiers in Microbiology, 2020, 11, 90.	1.5	22
1350	Biosystem Analysis of the Hypoxia Inducible Domain Family Member 2A: Implications in Cancer Biology. Genes, 2020, 11, 206.	1.0	7
1351	Reclassifying Hepatic Cell Death during Liver Damage: Ferroptosis—A Novel Form of Non-Apoptotic Cell Death?. International Journal of Molecular Sciences, 2020, 21, 1651.	1.8	59

#	Article	IF	CITATIONS
1352	Hippocampal tau oligomerization early in tau pathology coincides with a transient alteration of mitochondrial homeostasis and DNA repair in a mouse model of tauopathy. Acta Neuropathologica Communications, 2020, 8, 25.	2.4	35
1353	Adipato bridged novel hexanuclear Cu(<scp>ii</scp>) and polymeric Co(<scp>ii</scp>) coordination compounds involving cooperative supramolecular assemblies and encapsulated guest water clusters in a square grid host: antiproliferative evaluation and theoretical studies. Dalton Transactions, 2020, 49, 9863-9881.	1.6	27
1354	You Say You Want a Resolution (of Fibrosis). American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 424-435.	1.4	15
1355	The Effect of TIGAR Knockdown on Apoptotic and Epithelialâ€Mesenchymal Markers Expression in Doxorubicinâ€Resistant Nonâ€Small Cell Lung Cancer A549 Cell Lines. Chemistry and Biodiversity, 2020, 17, e2000441.	1.0	6
1356	Autophagy as a modulator of cell death machinery. Cell Death and Disease, 2020, 11, 517.	2.7	124
1357	Cell death in chronic inflammation: breaking the cycle to treat rheumatic disease. Nature Reviews Rheumatology, 2020, 16, 496-513.	3.5	74
1358	Rationally Designed Polypharmacology: αâ€Helix Mimetics as Dual Inhibitors of the Oncoproteins Mclâ€1 and HDM2. ChemMedChem, 2020, 15, 1691-1698.	1.6	6
1359	Inhibition of RUNX1 promotes cisplatin-induced apoptosis in ovarian cancer cells. Biochemical Pharmacology, 2020, 180, 114116.	2.0	24
1360	Inhibiting the inhibitors: Targeting anti-apoptotic proteins in cancer and therapy resistance. Drug Resistance Updates, 2020, 52, 100712.	6.5	78
1361	Modulation of inflammatory pathways, medicinal uses and toxicities of Uvaria species: potential role in the prevention and treatment of inflammation. Inflammopharmacology, 2020, 28, 1195-1218.	1.9	12
1362	Edaravone alleviates cell apoptosis and mitochondrial injury in ischemia–reperfusion-induced kidney injury via the JAK/STAT pathway. Biological Research, 2020, 53, 28.	1.5	38
1363	Characterization of an alternative BAK-binding site for BH3 peptides. Nature Communications, 2020, 11, 3301.	5.8	31
1364	Plumbagin engenders apoptosis in lung cancer cells via caspase-9 activation and targeting mitochondrial-mediated ROS induction. Archives of Pharmacal Research, 2020, 43, 242-256.	2.7	40
1365	Truncated Bid Regulates Cisplatin Response via Activation of Mitochondrial Apoptosis Pathway in Ovarian Cancer. Human Gene Therapy, 2020, 31, 325-338.	1.4	13
1366	microRNA-137 downregulates MCL1 in ovarian cancer cells and mediates cisplatin-induced apoptosis. Pharmacogenomics, 2020, 21, 195-207.	0.6	12
1367	Targeting MCL-1 in hematologic malignancies: Rationale and progress. Blood Reviews, 2020, 44, 100672.	2.8	135
1368	Manipulation of Host Cell Death Pathways by Herpes Simplex Virus. Current Topics in Microbiology and Immunology, 2020, , 85-103.	0.7	14
1369	Rs1894720 polymorphism is associated with the risk of age-related cataract by regulating the proliferation of epithelial cells in the lens via the signalling pathway of MIAT/miR-26b/BCL2L2. Archives of Medical Science, 2020, 18, 223-236.	0.4	0

#	Article	IF	CITATIONS
1370	Berberine and ginsenoside Rg3 act synergistically via the MAPK/ERK pathway in nasopharyngeal carcinoma cells. Journal of Functional Foods, 2020, 66, 103802.	1.6	8
1371	Anticarcinogenic effect of zinc oxide nanoparticles synthesized from Rhizoma paridis saponins on Molt-4 leukemia cells. Journal of King Saud University - Science, 2020, 32, 1865-1871.	1.6	10
1372	miRâ€125b lowers sensitivity to apoptosis following mitotic arrest: Implications for breast cancer therapy. Journal of Cellular Physiology, 2020, 235, 6335-6344.	2.0	11
1373	Low expression of pro-apoptotic proteins Bax, Bak and Smac indicates prolonged progression-free survival in chemotherapy-treated metastatic melanoma. Cell Death and Disease, 2020, 11, 124.	2.7	23
1374	Lapachol acetylglycosylation enhances its cytotoxic and pro-apoptotic activities in HL60 cells. Toxicology in Vitro, 2020, 65, 104772.	1.1	9
1375	A single-center retrospective cohort analysis of venetoclax in relapsed/refractory multiple myeloma. Leukemia and Lymphoma, 2020, 61, 1211-1219.	0.6	10
1376	Anticancer activity and molecular mechanisms of αâ€conidendrin, a polyphenolic compound present in ⟨i>Taxus yunnanensis⟨/i>, on human breast cancer cell lines. Phytotherapy Research, 2020, 34, 1397-1408.	2.8	19
1377	Overexpressed CES2 has prognostic value in CRC and knockdown CES2 reverses L-OHP-resistance in CRC cells by inhibition of the PI3K signaling pathway. Experimental Cell Research, 2020, 389, 111856.	1.2	10
1378	Molecular Determinants for the Activation/Inhibition of Bak Protein by BH3 Peptides. Journal of Chemical Information and Modeling, 2020, 60, 1632-1643.	2.5	12
1379	Cell Death in Cells Overlying Lateral Root Primordia Facilitates Organ Growth in Arabidopsis. Current Biology, 2020, 30, 455-464.e7.	1.8	34
1380	Discovery and Characterization of 2,5-Substituted Benzoic Acid Dual Inhibitors of the Anti-apoptotic Mcl-1 and Bfl-1 Proteins. Journal of Medicinal Chemistry, 2020, 63, 2489-2510.	2.9	23
1381	Inguinal Ring RNA Sequencing Reveals Downregulation of Muscular Genes Related to Scrotal Hernia in Pigs. Genes, 2020, 11, 117.	1.0	6
1382	Human BCL-G regulates secretion of inflammatory chemokines but is dispensable for induction of apoptosis by IFN-l ³ and TNF-l [±] in intestinal epithelial cells. Cell Death and Disease, 2020, 11, 68.	2.7	18
1383	Structure-based modeling of turnover of Bcl-2 family proteins bound to voltage-dependent anion channel 2 (VDAC2): Implications for the mechanisms of proapoptotic activation of Bak and Bax in vivo. Computational Biology and Chemistry, 2020, 85, 107203.	1.1	8
1384	Donor MSCs release apoptotic bodies to improve myocardial infarction via autophagy regulation in recipient cells. Autophagy, 2020, 16, 2140-2155.	4.3	96
1385	Follistatinâ€ike 1: A dual regulator that promotes cardiomyocyte proliferation and fibrosis. Journal of Cellular Physiology, 2020, 235, 5893-5902.	2.0	15
1386	Prooxidative activity of plumbagin induces apoptosis in human pancreatic ductal adenocarcinoma cells via intrinsic apoptotic pathway. Toxicology in Vitro, 2020, 65, 104788.	1.1	19
1387	Combined targeting EGFR and SRC as a potential novel therapeutic approach for the treatment of triple negative breast cancer. Therapeutic Advances in Medical Oncology, 2020, 12, 175883591989754.	1.4	18

#	Article	IF	CITATIONS
1388	Loss of BIM in T cells results in BCL-2 family BH3-member compensation but incomplete cell death sensitivity normalization. Apoptosis: an International Journal on Programmed Cell Death, 2020, 25, 247-260.	2.2	8
1389	Hybrid Nanospheres to Overcome Hypoxia and Intrinsic Oxidative Resistance for Enhanced Photodynamic Therapy. ACS Nano, 2020, 14, 2183-2190.	7.3	151
1390	Substituted Piperazines as Novel Potential Radioprotective Agents. Molecules, 2020, 25, 532.	1.7	4
1391	Bitter apricot ethanolic extract induces apoptosis through increasing expression of Bax/Bcl-2 ratio and caspase-3 in PANC-1 pancreatic cancer cells. Molecular Biology Reports, 2020, 47, 1895-1904.	1.0	31
1392	Bclâ€2/Bclâ€xl inhibitor APGâ€1252â€M1 is a promising therapeutic strategy for gastric carcinoma. Cancer Medicine, 2020, 9, 4197-4206.	1.3	28
1393	The Chemokine Receptor CCR7 Uses Distinct Signaling Modules With Biased Functionality to Regulate Dendritic Cells. Frontiers in Immunology, 2020, 11, 528.	2.2	38
1395	Structure-based design, synthesis, and evaluation of the biological activity of novel phosphoroorganic small molecule IAP antagonists. Investigational New Drugs, 2020, 38, 1350-1364.	1.2	3
1396	A lipid perspective on regulated cell death. International Review of Cell and Molecular Biology, 2020, 351, 197-236.	1.6	19
1397	TRAF5 protects against myocardial ischemia reperfusion injury via AKT signaling. European Journal of Pharmacology, 2020, 878, 173092.	1.7	12
1398	Inhibitory effects of 5-heptadecylresorcinol on the proliferation of human MCF-7 breast cancer cells through modulating PI3K/Akt/mTOR pathway. Journal of Functional Foods, 2020, 69, 103946.	1.6	8
1399	A novel recombinant expression and purification approach for the full-length anti-apoptotic membrane protein Bcl-2. Protein Expression and Purification, 2020, 172, 105628.	0.6	8
1400	Senescent Cells: Emerging Targets for Human Aging and Age-Related Diseases. Trends in Biochemical Sciences, 2020, 45, 578-592.	3.7	126
1401	Shedding New Light on Cancer Metabolism: A Metabolic Tightrope Between Life and Death. Frontiers in Oncology, 2020, 10, 409.	1.3	33
1402	Chemotherapy-induced pyroptosis is mediated by BAK/BAX-caspase-3-GSDME pathway and inhibited by 2-bromopalmitate. Cell Death and Disease, 2020, 11, 281.	2.7	149
1403	Heterogeneous Strategies to Eliminate Intracellular Bacterial Pathogens. Frontiers in Microbiology, 2020, 11, 563.	1.5	22
1404	Comprehensive Map of the Regulated Cell Death Signaling Network: A Powerful Analytical Tool for Studying Diseases. Cancers, 2020, 12, 990.	1.7	5
1405	Cytotoxicity of the Sesquiterpene Lactone Spiciformin and Its Acetyl Derivative against the Human Leukemia Cell Lines U-937 and HL-60. International Journal of Molecular Sciences, 2020, 21, 2782.	1.8	4
1406	Development of erianin-loaded dendritic mesoporous silica nanospheres with pro-apoptotic effects and enhanced topical delivery. Journal of Nanobiotechnology, 2020, 18, 55.	4.2	15

#	Article	IF	CITATIONS
1407	Rational Combination Therapy for Melanoma with Dinaciclib by Targeting BAK-Dependent Cell Death. Molecular Cancer Therapeutics, 2020, 19, 627-636.	1.9	10
1408	Effect of siRNA interference of ubiquitin-specific protease 9X on apoptosis and growth of diffuse large B cell lymphoma cell line. Materials Express, 2020, 10, 446-453.	0.2	0
1409	The Role of Bcl-xL Protein Research in Veterinary Oncology. International Journal of Molecular Sciences, 2020, 21, 2511.	1.8	3
1410	Small-molecule PROTACs: novel agents for cancer therapy. Future Medicinal Chemistry, 2020, 12, 915-938.	1.1	19
1411	Emerging role of graphene oxide as sorbent for pesticides adsorption: Experimental observations analyzed by molecular modeling. Journal of Materials Science and Technology, 2021, 63, 192-202.	5.6	36
1412	Venetoclax combines synergistically with FLT3 inhibition to effectively target leukemic cells in FLT3-ITD+ acute myeloid leukemia models. Haematologica, 2021, 106, 1034-1046.	1.7	75
1413	Multiple roles of caspase-8 in cell death, inflammation, and innate immunity. Journal of Leukocyte Biology, 2021, 109, 121-141.	1.5	80
1414	Radix Kansui Stir-Fried with Vinegar Reduces Radix Kansui-Related Hepatotoxicity in Mice via Mitochondrial Pathway. Chinese Journal of Integrative Medicine, 2021, 27, 192-197.	0.7	4
1415	Synthesis of sophocarpine triflorohydrazone and its proliferation inhibition and apoptosis induction activity in myeloma cells through Notch3â€p53 signaling activation. Environmental Toxicology, 2021, 36, 484-490.	2.1	1
1416	Selective Covalent Targeting of Antiâ€apoptotic BFLâ€1 by a Sulfoniumâ€Tethered Peptide. ChemBioChem, 2021, 22, 340-344.	1.3	11
1417	Phytochemical Profile, and Antiproliferative and Proapoptotic Effects of Pouteria ramiflora (Mart.) Radlk. Leaf Extract, and Its Synergism with Cisplatin in HepG2 Cells. Journal of Medicinal Food, 2021, 24, 452-463.	0.8	1
1418	Gold nanoparticles induced apoptosis via oxidative stress and mitochondrial dysfunctions in MCFâ€₹ breast cancer cells. Applied Organometallic Chemistry, 2021, 35, .	1.7	25
1419	Mechanical Regulation of Apoptosis in the Cardiovascular System. Annals of Biomedical Engineering, 2021, 49, 75-97.	1.3	23
1420	Interdiction at a protein-protein interface: MCL-1 inhibitors for oncology. Bioorganic and Medicinal Chemistry Letters, 2021, 32, 127717.	1.0	11
1421	Pharmacophore hybridization approach to discover novel pyrazoline-based hydantoin analogs with anti-tumor efficacy. Bioorganic Chemistry, 2021, 107, 104527.	2.0	20
1422	Curcumol and <scp>FTY720</scp> synergistically induce apoptosis and differentiation in chronic myelomonocytic leukemia via multiple signaling pathways. Phytotherapy Research, 2021, 35, 2157-2170.	2.8	10
1423	Metformin ameliorates brain damage caused by cardiopulmonary resuscitation via targeting endoplasmic reticulum stress-related proteins GRP78 and XBP1. European Journal of Pharmacology, 2021, 891, 173716.	1.7	9
1424	Encorafenib enhances TRAIL-induced apoptosis of colorectal cancer cells dependent on p53/PUMA signaling. Cytotechnology, 2021, 73, 63-70.	0.7	3

#	Article	IF	CITATIONS
1425	Synthesis and evaluation of a UMI-77-based fluorescent probe for selective detecting McI-1 protein and imaging in living cancer cells. Bioorganic and Medicinal Chemistry, 2021, 29, 115850.	1.4	3
1426	Classical Swine Fever Virus N ^{pro} Antagonizes IRF3 To Prevent Interferon-Independent TLR3-and RIG-I-Mediated Apoptosis. Journal of Virology, 2021, 95, .	1.5	9
1427	Doxorubicin-Conjugated Platinum Theranostic Nanoparticles Induce Apoptosis <i>via</i> Inhibition of a Cell Survival (PI3K/AKT) Signaling Pathway in Human Breast Cancer Cells. ACS Applied Nano Materials, 2021, 4, 198-210.	2.4	14
1428	BCL(X)L and BCL2 increase the metabolic fitness of breast cancer cells: a single-cell imaging study. Cell Death and Differentiation, 2021, 28, 1512-1531.	5.0	15
1429	Energetically significant cooperative π-stacked ternary assemblies in Ni(II) phenanthroline compounds involving discrete water clusters: Anticancer activities and theoretical studies. Journal of Molecular Structure, 2021, 1229, 129486.	1.8	17
1430	TAK1 is involved in sodium L-lactate-stimulated p38 signaling and promotes apoptosis. Molecular and Cellular Biochemistry, 2021, 476, 873-882.	1.4	3
1431	Proteolysis targeting chimera (PROTAC) in drug discovery paradigm: Recent progress and future challenges. European Journal of Medicinal Chemistry, 2021, 210, 112981.	2.6	114
1432	Age-Related Considerations in Cardio-Oncology. Journal of Cardiovascular Pharmacology and Therapeutics, 2021, 26, 103-113.	1.0	11
1433	Interleukinâ€6 pathobiology in equine placental infection. American Journal of Reproductive Immunology, 2021, 85, e13363.	1.2	3
1434	Kimchi markedly induces apoptosis in HTâ€29 human colon carcinoma cells. Journal of Food Biochemistry, 2021, 45, e13532.	1.2	14
1435	miR-375-3p contributes to hypoxia-induced apoptosis by targeting forkhead box P1 (FOXP1) and Bcl2 like protein 2 (Bcl2l2) in rat cardiomyocyte h9c2 cells. Biotechnology Letters, 2021, 43, 353-367.	1,1	10
1436	Humanin: A mitochondrial-derived peptide in the treatment of apoptosis-related diseases. Life Sciences, 2021, 264, 118679.	2.0	41
1437	The pro-apoptotic domain of BIM protein forms toxic amyloid fibrils. Cellular and Molecular Life Sciences, 2021, 78, 2145-2155.	2.4	7
1438	Rutin ameliorates copper sulfateâ€induced brain damage via antioxidative and antiâ€inflammatory activities in rats. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22623.	1.4	34
1439	Selective Affimers Recognise the BCLâ€2 Family Proteins BCLâ€x _L and MCLâ€1 through Noncanonical Structural Motifs**. ChemBioChem, 2021, 22, 232-240.	1.3	9
1440	Biophysical Characterization of Pro-apoptotic BimBH3 Peptides Reveals an Unexpected Capacity for Self-Association. Structure, 2021, 29, 114-124.e3.	1.6	10
1441	<i>Lactobacillusâ€</i> fermented milk products attenuate bone loss in an experimental rat model of ovariectomyâ€induced postâ€menopausal primary osteoporosis. Journal of Applied Microbiology, 2021, 130, 2041-2062.	1.4	18
1442	Host cell death during infection with Chlamydia: a double-edged sword. FEMS Microbiology Reviews, 2021, 45, .	3.9	15

#	Article	IF	CITATIONS
1443	Zinc Oxide Nanoparticle Induces Apoptosis in Human Epidermoid Carcinoma Cells Through Reactive Oxygen Species and DNA Degradation. Biological Trace Element Research, 2021, 199, 2172-2181.	1.9	11
1444	Physiology of cellular demise: Apoptosis, necrosis, and autophagy. , 2021, , 23-78.		O
1445	Leukemia: Trends in treatment and how close we have achieved eradication., 2021,, 547-587.		0
1446	Molecules in Signal Pathways., 2021, , 139-154.		0
1447	Rosmarinic acid and mitochondria. , 2021, , 209-231.		1
1448	ABT-263 Reduces Hypertrophic Scars by Targeting Apoptosis of Myofibroblasts. Frontiers in Pharmacology, 2020, 11, 615505.	1.6	10
1449	It takes two to tango: synthesis of cytotoxic quinones containing two redox active centers with potential antitumor activity. RSC Medicinal Chemistry, 2021, 12, 1709-1721.	1.7	8
1450	Competing endogenous RNAs in lung cancer. Cancer Biology and Medicine, 2021, 18, 1-20.	1.4	32
1451	Stepwise activation of the pro-apoptotic protein Bid at mitochondrial membranes. Cell Death and Differentiation, 2021, 28, 1910-1925.	5.0	13
1452	Concurrent Akt, ERK1/2 and AMPK Activation by Obestatin Inhibits Apoptotic Signaling Cascades on Nutrient-Deprived PC12 Cells. Cellular and Molecular Neurobiology, 2022, 42, 1607-1614.	1.7	7
1453	Isolation and anticancer effect of brucine in human colon adenocarcinoma cells HT-29. Pharmacognosy Magazine, 2021, 17, 367.	0.3	0
1454	Zonisamide alleviates cardiac hypertrophy in rats by increasing Hrd1 expression and inhibiting endoplasmic reticulum stress. Acta Pharmacologica Sinica, 2021, 42, 1587-1597.	2.8	7
1455	Peptide-based inhibitors of protein–protein interactions: biophysical, structural and cellular consequences of introducing a constraint. Chemical Science, 2021, 12, 5977-5993.	3.7	56
1456	Mechanisms of Cardiomyocyte Death. , 2021, , 207-225.		0
1457	ICT1 Promotes Osteosarcoma Cell Proliferation and Inhibits Apoptosis via STAT3/BCL-2 Pathway. BioMed Research International, 2021, 2021, 1-10.	0.9	3
1458	Multiwalled carbon nanotubes co-delivering sorafenib and epidermal growth factor receptor siRNA enhanced tumor-suppressing effect on liver cancer. Aging, 2021, 13, 1872-1882.	1.4	18
1459	Alisol A 24-acetate protects oxygen–glucose deprivation-induced brain microvascular endothelial cells against apoptosis through miR-92a-3p inhibition by targeting the B-cell lymphoma-2 gene. Pharmaceutical Biology, 2021, 59, 513-524.	1.3	5
1460	Mechanisms and Functions of MiR-200 Family in Hepatocellular Carcinoma. OncoTargets and Therapy, 2020, Volume 13, 13479-13490.	1.0	22

#	ARTICLE	IF	CITATIONS
1461	Biologically relevant and energetically significant cooperative ternary (Ĩ€â€"Ĩ€)2/(Ĩ€â€"Ĩ€)1/(Ĩ€â€"Ĩ€)2 assemblies and fascinating discrete (H2O)21 clusters in isostructural 2,5-pyridine dicarboxylato Co(ii) and Zn(ii) phenanthroline compounds: antiproliferative evaluation and theoretical studies. New Journal of Chemistry, 2021, 45, 3699-3715.	1.4	13
1462	Methods for Studying Myofibroblast Apoptotic Pathways. Methods in Molecular Biology, 2021, 2299, 123-137.	0.4	3
1463	Future Developments: Novel Agents. Hematologic Malignancies, 2021, , 293-315.	0.2	1
1464	Epigenetic aberrations in cervical cancer. , 2021, , 343-370.		0
1465	Surmounting tumor resistance to metallodrugs by co-loading a metal complex and siRNA in nanoparticles. Chemical Science, 2021, 12, 4547-4556.	3.7	12
1466	Anoikis Mediated by Stress-Activated MAPK Signaling Pathways. , 2021, , 161-172.		0
1467	FRA-1 suppresses apoptosis of Helicobacter pylori infected MGC-803 cells. Molecular Biology Reports, 2021, 48, 611-621.	1.0	3
1468	Survivin Regulates Bad Gene Expression by Binding to Its Promoter and Modulates Cell Cycle and Apoptosis in Esophageal Carcinoma Cell. Journal of Oncology, 2021, 2021, 1-11.	0.6	3
1469	Mitochondrial outer membrane permeabilization at the single molecule level. Cellular and Molecular Life Sciences, 2021, 78, 3777-3790.	2.4	17
1470	Evaluation of chemo-preventive efficacy of Ficus religiosa latex extract by flow cytometry analysis and gene expression studies performed by RT-PCR in various cell lines. Future Journal of Pharmaceutical Sciences, 2021, 7, .	1.1	4
1471	Ginkgolide B promotes oligodendrocyte precursor cell differentiation and survival via Akt/CREB/bcl-2 signaling pathway after white matter lesion. Experimental Biology and Medicine, 2021, 246, 1198-1209.	1.1	5
1472	Nobiletin Exhibits Neuroprotective Effects against Mitochondrial Complex I Inhibition via Regulating Apoptotic Signaling. Experimental Neurobiology, 2021, 30, 73-86.	0.7	17
1473	The effect of reproductive toxicity induced by <scp>ZnO NPs </scp> in mice during early pregnancy through mitochondrial apoptotic pathway. Environmental Toxicology, 2021, 36, 1143-1151.	2.1	7
1474	The LipoxinA4 receptor agonist BML-111 ameliorates intestinal disruption following acute pancreatitis through the Nrf2-regulated antioxidant pathway. Free Radical Biology and Medicine, 2021, 163, 379-391.	1.3	13
1475	Resveratrol Mediates the Apoptosis of Triple Negative Breast Cancer Cells by Reducing POLD1 Expression. Frontiers in Oncology, 2021, $11,569295$.	1.3	22
1476	Cyclic stretching boosts microRNAâ€499 to regulate Bclâ€2 via microRNAâ€208a in atrial fibroblasts. Journal of Cellular and Molecular Medicine, 2021, 25, 3113-3123.	1.6	3
1477	Isorhamnetin Inhibits Human Gallbladder Cancer Cell Proliferation and Metastasis via PI3K/AKT Signaling Pathway Inactivation. Frontiers in Pharmacology, 2021, 12, 628621.	1.6	12
1478	Co-Chaperone Bag-1 Plays a Role in the Autophagy-Dependent Cell Survival through Beclin 1 Interaction. Molecules, 2021, 26, 854.	1.7	8

#	Article	IF	CITATIONS
1479	Progress in understanding the role of lncRNA in programmed cell death. Cell Death Discovery, 2021, 7, 30.	2.0	103
1480	Pre-therapeutic efficacy of the CDK inhibitor dinaciclib in medulloblastoma cells. Scientific Reports, 2021, 11, 5374.	1.6	9
1481	Insight into Functional Membrane Proteins by Solution NMR: The Human Bcl-2 Protein—A Promising Cancer Drug Target. Molecules, 2021, 26, 1467.	1.7	1
1482	Cryptic-site binding mechanism of medium-sized Bcl-xL inhibiting compounds elucidated by McMD-based dynamic docking simulations. Scientific Reports, 2021, 11, 5046.	1.6	11
1483	Neuroprotective effects of carbenoxolone against amyloid-beta $1\hat{a}\in$ "42 oligomer-induced neuroinflammation and cognitive decline in rats. NeuroToxicology, 2021, 83, 89-105.	1.4	6
1484	Drimane Derivatives as the First Examples of Covalent BH3 Mimetics that Target MCLâ€1. ChemMedChem, 2021, 16, 1789-1798.	1.6	4
1485	Cell Death and Inflammation: The Role of Mitochondria in Health and Disease. Cells, 2021, 10, 537.	1.8	86
1486	Bcl-2 Is Involved in Cardiac Hypertrophy through PI3K-Akt Pathway. BioMed Research International, 2021, 2021, 1-8.	0.9	19
1487	The role of P53 up-regulated modulator of apoptosis (PUMA) in ovarian development, cardiovascular and neurodegenerative diseases. Apoptosis: an International Journal on Programmed Cell Death, 2021, 26, 235-247.	2.2	42
1488	DAAM2 is elevated in the circulation and placenta in pregnancies complicated by fetal growth restriction and is regulated by hypoxia. Scientific Reports, 2021, 11, 5540.	1.6	8
1489	Targeting Pin1 for Modulation of Cell Motility and Cancer Therapy. Biomedicines, 2021, 9, 359.	1.4	14
1490	CS2164 and Venetoclax Show Synergistic Antitumoral Activities in High Grade B-Cell Lymphomas With MYC and BCL2 Rearrangements. Frontiers in Oncology, 2021, 11, 618908.	1.3	3
1491	The Role of Mcl-1 in Embryonic Neural Precursor Cell Apoptosis. Frontiers in Cell and Developmental Biology, 2021, 9, 659531.	1.8	2
1492	Lysine-specific demethylase 1 inhibition enhances autophagy and attenuates early-stage post-spinal cord injury apoptosis. Cell Death Discovery, 2021, 7, 69.	2.0	6
1493	Monte Carlo Optimization-Based QSAR Study of Some Indole-Based Mcl-1 Inhibitors. International Journal of Quantitative Structure-Property Relationships, 2021, 6, 1-18.	1.1	0
1494	Role of <scp>FOXO</scp> protein's abnormal activation through <scp>PI3K</scp> / <scp>AKT</scp> pathway in platinum resistance of ovarian cancer. Journal of Obstetrics and Gynaecology Research, 2021, 47, 1946-1957.	0.6	8
1495	BH3 Mimetic Sensitivity of Colorectal Cancer Cell Lines in Correlation with Molecular Features Identifies Predictors of Response. International Journal of Molecular Sciences, 2021, 22, 3811.	1.8	3
1496	1,2,3,4-Tetrahydroisoquinoline (THIQ) as privileged scaffold for anticancer de novo drug design. Expert Opinion on Drug Discovery, 2021, 16, 1119-1147.	2.5	17

#	Article	IF	CITATIONS
1497	The Antisocial Network: Cross Talk Between Cell Death Programs in Host Defense. Annual Review of Immunology, 2021, 39, 77-101.	9.5	60
1498	It's time to die: BH3 mimetics in solid tumors. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118987.	1.9	40
1499	Targeting MCL-1 in cancer: current status and perspectives. Journal of Hematology and Oncology, 2021, 14, 67.	6.9	143
1500	Cluster of differentiation 147 (CD147) expression is linked with thiram induced chondrocyte's apoptosis via Bcl-2/Bax/Caspase-3 signalling in tibial growth plate under chlorogenic acid repercussion. Ecotoxicology and Environmental Safety, 2021, 213, 112059.	2.9	18
1501	The Program Cell Death (Apoptosis) and the Therapy of Cancer. , 0, , .		1
1502	High-Throughput Screening Identifies Idasanutlin as a Resensitizing Drug for Venetoclax-Resistant Neuroblastoma Cells. Molecular Cancer Therapeutics, 2021, 20, 1161-1172.	1.9	5
1503	Update on the adverse effects of microcystins on the liver. Environmental Research, 2021, 195, 110890.	3.7	52
1504	Inhibition of Autophagy Enhances the Antitumor Effect of Thioridazine in Acute Lymphoblastic Leukemia Cells. Life, 2021, 11, 365.	1.1	6
1505	Molecular mechanisms detected in yak lung tissue via transcriptome-wide analysis provide insights into adaptation to high altitudes. Scientific Reports, 2021, 11, 7786.	1.6	9
1506	Senolytic targets and new strategies for clearing senescent cells. Mechanisms of Ageing and Development, 2021, 195, 111468.	2.2	30
1507	Neutron reflectometry and NMR spectroscopy of full-length Bcl-2 protein reveal its membrane localization and conformation. Communications Biology, 2021, 4, 507.	2.0	6
1508	A comprehensive mechanistic insight into the dietary and estrogenic lignans, arctigenin and sesamin as potential anticarcinogenic and anticancer agents. Current status, challenges, and future perspectives. Critical Reviews in Food Science and Nutrition, 2022, 62, 7301-7318.	5.4	12
1509	Genetic Events Inhibiting Apoptosis in Diffuse Large B Cell Lymphoma. Cancers, 2021, 13, 2167.	1.7	11
1510	Structure-Guided Development of Potent Benzoylurea Inhibitors of BCL-X _L and BCL-2. Journal of Medicinal Chemistry, 2021, 64, 5447-5469.	2.9	5
1511	Protective effect of selenomethionine on T-2 toxin-induced liver injury in New Zealand rabbits. BMC Veterinary Research, 2021, 17, 153.	0.7	13
1512	Cardiomyocyte-Specific COMMD1 Deletion Suppresses Ischemia-Induced Myocardial Apoptosis. Cardiovascular Toxicology, 2021, 21, 572-581.	1.1	2
1513	Control Analysis of Protein-Protein Interaction Network Reveals Potential Regulatory Targets for MYCN. Frontiers in Oncology, 2021, 11, 633579.	1.3	3
1514	Daphnane-type diterpenes from genus Daphne and their anti-tumor activity. Chinese Herbal Medicines, 2021, 13, 145-156.	1.2	21

#	Article	IF	CITATIONS
1515	Regulation of Apoptosis during Environmental Skin Tumor Initiation. , 0, , .		0
1516	Innate Immunity Modulation during Zika Virus Infection on Pregnancy: What We Still Need to Know for Medical Sciences Breakthrough. , 0, , .		0
1517	Hansenia weberbaueriana (Fedde ex H.Wolff) Pimenov & Kljuykov Extract Suppresses Proliferation of HepG2 Cells via the PTEN-PI3K-AKT Pathway Uncovered by Integrating Network Pharmacology and lin Vitro Experiments. Frontiers in Pharmacology, 2021, 12, 620897.	1.6	1
1518	Bcl-xL Dynamics under the Lens of Protein Structure Networks. Journal of Physical Chemistry B, 2021, 125, 4308-4320.	1.2	7
1519	Quantitative Approach for Protein Analysis in Small Cell Ensembles by an Integrated Microfluidic Chip with MALDI Mass Spectrometry. Analytical Chemistry, 2021, 93, 6053-6061.	3.2	14
1520	The TSPO Ligands MGV-1 and 2-Cl-MGV-1 Differentially Inhibit the Cigarette Smoke-Induced Cytotoxicity to H1299 Lung Cancer Cells. Biology, 2021, 10, 395.	1.3	0
1521	Danggui Buxue Tang Rescues Folliculogenesis and Ovarian Cell Apoptosis in Rats with Premature Ovarian Insufficiency. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-11.	0.5	6
1522	HIV Nef-mediated Ubiquitination of BCL2: Implications in Autophagy and Apoptosis. Frontiers in Immunology, 2021, 12, 682624.	2.2	6
1523	Therapeutics Targeting the Core Apoptotic Machinery. Cancers, 2021, 13, 2618.	1.7	14
1524	Too much death can kill you: inhibiting intrinsic apoptosis to treat disease. EMBO Journal, 2021, 40, e107341.	3.5	26
1525	Silencing of Mcl-1 overcomes resistance of melanoma cells against TRAIL-armed oncolytic adenovirus by enhancement of apoptosis. Journal of Molecular Medicine, 2021, 99, 1279-1291.	1.7	3
1526	Astaxanthin attenuates acute cerebral infarction via Nrf-2/HO-1 pathway in rats. Current Research in Translational Medicine, 2021, 69, 103271.	1.2	10
1527	Analysis of the Binding Sites on BAX and the Mechanism of BAX Activators through Extensive Molecular Dynamics Simulations. Journal of Chemical Information and Modeling, 2022, 62, 5208-5222.	2.5	7
1528	The Synergistic Combination of Cisplatin and Piperine Induces Apoptosis in MCF-7 Cell Line. Iranian Journal of Public Health, 2021, 50, 1037-1047.	0.3	5
1529	Structure of detergent-activated BAK dimers derived from the inert monomer. Molecular Cell, 2021, 81, 2123-2134.e5.	4.5	26
1530	Natural Lignans Honokiol and Magnolol as Potential Anticarcinogenic and Anticancer Agents. A Comprehensive Mechanistic Review. Nutrition and Cancer, 2022, 74, 761-778.	0.9	26
1531	Discovery of Novel PTP1B Inhibitors Derived from the BH3 Domain of Proapoptotic Bcl-2 Proteins with Antidiabetic Potency. ACS Medicinal Chemistry Letters, 2021, 12, 1017-1023.	1.3	6
1532	A plant-based medicinal food inhibits the growth of human gastric carcinoma by reversing epithelial–mesenchymal transition via the canonical Wnt/l²-catenin signaling pathway. BMC Complementary Medicine and Therapies, 2021, 21, 137.	1.2	4

#	ARTICLE	IF	CITATIONS
1533	Structure-Based Design of A-1293102, a Potent and Selective BCL-X _L Inhibitor. ACS Medicinal Chemistry Letters, 2021, 12, 1011-1016.	1.3	9
1534	Computational Modeling as a Tool to Investigate PPI: From Drug Design to Tissue Engineering. Frontiers in Molecular Biosciences, 2021, 8, 681617.	1.6	25
1535	Oxidative Stress-Induced Unscheduled CDK1–Cyclin B1 Activity Impairs ER–Mitochondria-Mediated Bioenergetic Metabolism. Cells, 2021, 10, 1280.	1.8	5
1536	PHF20 inhibition promotes apoptosis and cisplatin chemosensitivity via the OCT4‑p‑STAT3‑MCL1 signaling pathway in hypopharyngeal squamous cell carcinoma. International Journal of Oncology, 2021, 59, .	1.4	5
1537	Combination Therapies in Chronic Myeloid Leukemia for Potential Treatment-Free Remission: Focus on Leukemia Stem Cells and Immune Modulation. Frontiers in Oncology, 2021, 11, 643382.	1.3	21
1538	Identification and characterization of caspases genes in rainbow trout (Oncorhynchus mykiss) and their expression profiles after Aeromonas salmonicida and Vibrio anguillarum infection. Developmental and Comparative Immunology, 2021, 118, 103987.	1.0	19
1539	The Anti-Leukemic Activity of Natural Compounds. Molecules, 2021, 26, 2709.	1.7	11
1540	Bacterial outer membrane vesicles and host cell death signaling. Trends in Microbiology, 2021, 29, 1106-1116.	3.5	34
1541	Salidroside Inhibits CCl4-Induced Liver Fibrosis in Mice by Reducing Activation and Migration of HSC Induced by Liver Sinusoidal Endothelial Cell-Derived Exosomal SphK1. Frontiers in Pharmacology, 2021, 12, 677810.	1.6	26
1542	Synergistic integration of metal nanoclusters and biomolecules as hybrid systems for therapeutic applications. Acta Pharmaceutica Sinica B, 2021, 11, 1175-1199.	5.7	23
1543	Compatibility of ingredients of Danshen (Radix <i>Salviae Miltiorrhizae</i>) and Honghua (<i>Flos Carthami</i>) and their protective effects on cerebral ischemiaâ€reperfusion injury in rats. Experimental and Therapeutic Medicine, 2021, 22, 849.	0.8	7
1544	Prognostic influences of BCL1 and BCL2 expression on disease-free survival in breast cancer. Scientific Reports, 2021, 11, 11942.	1.6	6
1545	Review on Bee Products as Potential Protective and Therapeutic Agents in Male Reproductive Impairment. Molecules, 2021, 26, 3421.	1.7	10
1546	Dying to Survive—The p53 Paradox. Cancers, 2021, 13, 3257.	1.7	18
1547	The E3 Ligase PIAS1 Regulates p53 Sumoylation to Control Stress-Induced Apoptosis of Lens Epithelial Cells Through the Proapoptotic Regulator Bax. Frontiers in Cell and Developmental Biology, 2021, 9, 660494.	1.8	9
1548	High expression of aryl hydrocarbon receptor (AhR) plays an important role in the formation of fibrous epulis. Oral Diseases, 2022, 28, 2258-2266.	1.5	1
1549	Susceptibility of multiple myeloma to B-cell lymphoma 2 family inhibitors. Biochemical Pharmacology, 2021, 188, 114526.	2.0	2
1550	Emerin Represses STAT3 Signaling through Nuclear Membrane-Based Spatial Control. International Journal of Molecular Sciences, 2021, 22, 6669.	1.8	4

#	Article	IF	CITATIONS
1551	Neuroprotective mechanisms of chronic physical exercise via reduction of \hat{l}^2 -amyloid protein in experimental models of Alzheimer's disease: A systematic review. Life Sciences, 2021, 275, 119372.	2.0	11
1552	Down-regulation of BCL2L13 renders poor prognosis in clear cell and papillary renal cell carcinoma. Cancer Cell International, 2021, 21, 332.	1.8	3
1553	EGFR and PI3K Pathway Activities Might Guide Drug Repurposing in HPV-Negative Head and Neck Cancers. Frontiers in Oncology, 2021, 11, 678966.	1.3	14
1554	Transcript-Level Dysregulation of BCL2 Family Genes in Acute Myeloblastic Leukemia. Cancers, 2021, 13, 3175.	1.7	7
1555	The role of regulated necrosis in endocrine diseases. Nature Reviews Endocrinology, 2021, 17, 497-510.	4.3	35
1556	Outcomes in patients with newly diagnosed <i>TP53</i> â€mutated acute myeloid leukemia with or without venetoclaxâ€based therapy. Cancer, 2021, 127, 3541-3551.	2.0	40
1557	The interplay between apoptosis and cellular senescence: Bcl-2 family proteins as targets for cancer therapy., 2022, 230, 107943.		79
1558	Pyridine Moiety: An Insight into Recent Advances in the Treatment of Cancer. Mini-Reviews in Medicinal Chemistry, 2022, 22, 248-272.	1.1	15
1559	Aging and Mesenchymal Stem Cells: Therapeutic Opportunities and Challenges in the Older Group. Gerontology, 2022, 68, 339-352.	1.4	16
1560	BAX mitochondrial integration is regulated allosterically by its $\hat{l}\pm1\hat{a}^{-1}\hat{l}\pm2$ loop. Cell Death and Differentiation, 2021, 28, 3270-3281.	5.0	8
1561	Induction of mitochondrial apoptosis pathway mediated through caspase-8 and c-Jun N-terminal kinase by cadmium-activated Fas in rat cortical neurons. Metallomics, 2021, 13, .	1.0	9
1562	The STING1 network regulates autophagy and cell death. Signal Transduction and Targeted Therapy, 2021, 6, 208.	7.1	105
1563	Timolol induces necroptosis, apoptosis and senescence concentration-dependently in rabbit Limbal stem cells in vitro. Life Sciences, 2021, 277, 119453.	2.0	5
1564	CK-3, A Novel Methsulfonyl Pyridine Derivative, Suppresses Hepatocellular Carcinoma Proliferation and Invasion by Blocking the PI3K/AKT/mTOR and MAPK/ERK Pathways. Frontiers in Oncology, 2021, 11, 717626.	1.3	9
1565	Extract from Zanthoxylum piperitum Induces Apoptosis of AGS Gastric Cancer Cells Through Akt/MDM2/p53 Signaling Pathway. Chinese Journal of Integrative Medicine, 2021, 27, 752-759.	0.7	6
1566	Valproic Acid Ameliorates Locomotor Function in the Rat Model of Contusion via Alteration of Mst1, Bcl-2, and Nrf2 Gene Expression. Iranian Biomedical Journal, 2021, 25, 303-307.	0.4	2
1567	Ufbp1, a Key Player of Ufm1 Conjugation System, Protects Against Ketosis-Induced Liver Injury via Suppressing Smad3 Activation. Frontiers in Cell and Developmental Biology, 2021, 9, 676789.	1.8	5
1568	SOX9 promotes epidermal growth factor receptor-tyrosine kinase inhibitor resistance via targeting \hat{l}^2 -catenin and epithelial to mesenchymal transition in lung cancer. Life Sciences, 2021, 277, 119608.	2.0	9

#	Article	IF	CITATIONS
1569	The Basic Research of the Combinatorial Therapy of ABT-199 and Homoharringtonine on Acute Myeloid Leukemia. Frontiers in Oncology, 2021, 11, 692497.	1.3	10
1570	Inflammatory cell death induced by cytotoxic lymphocytes: a dangerous but necessary liaison. FEBS Journal, 2022, 289, 4398-4415.	2.2	17
1571	Mcl-1 Inhibition: Managing Malignancy in Multiple Myeloma. Frontiers in Pharmacology, 2021, 12, 699629.	1.6	17
1572	Structure-Based Optimization of 3-Phenyl- <i>N</i> li>-(2-(3-phenylureido)ethyl)thiophene-2-sulfonamide Derivatives as Selective Mcl-1 Inhibitors. Journal of Medicinal Chemistry, 2021, 64, 10260-10285.	2.9	6
1573	Switchable Aromatic Nanopore Structures: Functions and Applications. Accounts of Chemical Research, 2021, 54, 2959-2968.	7.6	30
1574	Rhamnazin Ameliorates Traumatic Brain Injury in Mice via Reduction in Apoptosis, Oxidative Stress, and Inflammation. NeuroImmunoModulation, 2022, 29, 28-35.	0.9	4
1575	Structures of the ApoL1 and ApoL2 N-terminal domains reveal a non-classical four-helix bundle motif. Communications Biology, 2021, 4, 916.	2.0	8
1576	Azithromycin induces apoptosis in airway smooth muscle cells through mitochondrial pathway in a rat asthma model. Annals of Translational Medicine, 2021, 9, 1181-1181.	0.7	2
1577	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/ \hat{l}^2 -catenin pathway. Scientific Reports, 2021, 11, 14985.	1.6	6
1580	Physiological Functions of Mcl-1: Insights From Genetic Mouse Models. Frontiers in Cell and Developmental Biology, 2021, 9, 704547.	1.8	4
1581	Virus-mediated inactivation of anti-apoptotic Bcl-2 family members promotes Gasdermin-E-dependent pyroptosis in barrier epithelial cells. Immunity, 2021, 54, 1447-1462.e5.	6.6	72
1582	NLRP3 inflammasome activation and cell death. Cellular and Molecular Immunology, 2021, 18, 2114-2127.	4.8	484
1583	Ternary Copper (II) Complex Induced Apoptosis and Cell Cycle Arrest in Colorectal Cancer Cells. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 999-1011.	0.9	4
1584	Pinocembrin Inhibits the Proliferation and Metastasis of Breast Cancer via Suppression of the PI3K/AKT Signaling Pathway. Frontiers in Oncology, 2021, 11, 661184.	1.3	10
1585	Unleashing the power of NK cells in anticancer immunotherapy. Journal of Molecular Medicine, 2022, 100, 337-349.	1.7	12
1586	Combination Therapy of Navitoclax with Chemotherapeutic Agents in Solid Tumors and Blood Cancer: A Review of Current Evidence. Pharmaceutics, 2021, 13, 1353.	2.0	21
1587	NEURODEGENERATION PROCESSES GO FAR BEYOND NECROSIS AND APOPTOSIS!. Multidisciplinary Sciences Reports, 2021, 1, 1-19.	0.1	0
1588	Benzimidazoles induce concurrent apoptosis and pyroptosis of human glioblastoma cells via arresting cell cycle. Acta Pharmacologica Sinica, 2022, 43, 194-208.	2.8	31

#	Article	IF	CITATIONS
1589	Dual Bcl-XL /Bcl-2 inhibitors discovered from DNA-encoded libraries using a fragment pairing strategy. Bioorganic and Medicinal Chemistry, 2021, 44, 116282.	1.4	2
1590	Gemcitabine and APG-1252, a novel small molecule inhibitor of BCL-2/BCL-XL, display a synergistic antitumor effect in nasopharyngeal carcinoma through the JAK-2/STAT3/MCL-1 signaling pathway. Cell Death and Disease, 2021, 12, 772.	2.7	11
1591	Importance of Bcl-2-family proteins in murine hematopoietic progenitor and early B cells. Cell Death and Disease, 2021, 12, 784.	2.7	9
1592	Cerebral Cortex Apoptosis in Early Aged Hypertension: Effects of Epigallocatechin-3-Gallate. Frontiers in Aging Neuroscience, 2021, 13, 705304.	1.7	7
1593	The three as: Alternative splicing, alternative polyadenylation and their impact on apoptosis in immune function. Immunological Reviews, 2021, 304, 30-50.	2.8	20
1594	Lipoic Acid-Modified Oligoethyleneimine-Mediated miR-34a Delivery to Achieve the Anti-Tumor Efficacy. Molecules, 2021, 26, 4827.	1.7	3
1595	Characterization and in vitro cytotoxic assessment of zinc oxide nano-particles in human epidermoid carcinoma cells. Journal of Environmental Chemical Engineering, 2021, 9, 105636.	3.3	6
1596	Anti-Inflammatory Potentials of the n-Hexane Fraction of Alstonia boonei Stem Bark in Lipopolysaccharide-Induced Inflammation in Wistar Rats. Journal of Inflammation Research, 2021, Volume 14, 3905-3920.	1.6	2
1597	Cytotoxic Effects of Hellebrigenin and Arenobufagin Against Human Breast Cancer Cells. Frontiers in Oncology, 2021, 11, 711220.	1.3	10
1598	The Function of LncRNA FTX in Several Common Cancers. Current Pharmaceutical Design, 2021, 27, 2381-2386.	0.9	13
1599	Anticancer Activities of Biogenic Silver Nanoparticles Targeting Apoptosis and Inflammatory Pathways in Colon Cancer Cells. Journal of Cluster Science, 2022, 33, 2215-2231.	1.7	10
1600	Long non-coding RNA (IncRNA): A potential therapeutic target in acute lung injury. Genes and Diseases, 2022, 9, 1258-1268.	1.5	15
1601	Elucidation of dibenzo[a,l]pyrene and its metabolites as a mammary carcinogen: A comprehensive review. NeuroPharmac Journal, 0, , 204-216.	0.1	0
1602	Stingless Bee Propolis: New Insights for Anticancer Drugs. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-18.	1.9	8
1603	Discovery, development and application of drugs targeting BCL-2 pro-survival proteins in cancer. Biochemical Society Transactions, 2021, 49, 2381-2395.	1.6	9
1604	Curcumin, a potential initiator of apoptosis via direct interactions with ⟨scp⟩Bclâ€xL⟨/scp⟩ and Bid. Proteins: Structure, Function and Bioinformatics, 2022, 90, 455-464.	1.5	4
1605	HGF-mediated Up-regulation of PHLDA2 Is Associated With Apoptosis in Gastric Cancer. Anticancer Research, 2021, 41, 4377-4385.	0.5	1
1606	Gasdermin and Gasdermin-Like Pore-Forming Proteins in Invertebrates, Fungi and Bacteria. Journal of Molecular Biology, 2022, 434, 167273.	2.0	20

#	Article	IF	CITATIONS
1607	Effects of jasplakinolide on cytotoxicity, cytoskeleton and apoptosis in two different colon cancer cell lines treated with m-THPC-PDT. Photodiagnosis and Photodynamic Therapy, 2021, 35, 102425.	1.3	5
1608	Recent Strategies to Develop Innovative Photosensitizers for Enhanced Photodynamic Therapy. Chemical Reviews, 2021, 121, 13454-13619.	23.0	657
1610	The anticarcinogenic and anticancer effects of the dietary flavonoid, morin: Current status, challenges, and future perspectives. Phytotherapy Research, 2021, 35, 6843-6861.	2.8	23
1611	Combination of tyrosine kinase inhibitors and the MCL1 inhibitor S63845 exerts synergistic antitumorigenic effects on CML cells. Cell Death and Disease, 2021, 12, 875.	2.7	6
1612	Emerging role of BAD and DAD1 as potential targets and biomarkers in cancer (Review). Oncology Letters, 2021, 22, 811.	0.8	5
1613	Korean red ginseng decreases 1-methyl-4-phenylpyridinium-induced mitophagy in SH-SY5Y cells. Journal of Integrative Medicine, 2021, 19, 537-544.	1.4	4
1614	Natural substances derived from herbs or plants are promising sources of anticancer agents against colorectal cancer via triggering apoptosis. Journal of Pharmacy and Pharmacology, 2022, 74, 162-178.	1.2	7
1615	Proteomic Characterization of Spontaneous Stress-Induced In Vitro Apoptosis of Human Acute Myeloid Leukemia Cells; Focus on Patient Heterogeneity and Endoplasmic Reticulum Stress. Hemato, 2021, 2, 607-627.	0.2	3
1616	Tanshinone I restrains osteosarcoma progression by regulating circ_0000376/miR-432-5p/BCL2 axis. Molecular and Cellular Biochemistry, 2022, 477, 1-13.	1.4	12
1617	Effect of Resistance Training With Total and Partial Blood Flow Restriction on Biomarkers of Oxidative Stress and Apoptosis in Untrained Men. Frontiers in Physiology, 2021, 12, 720773.	1.3	5
1618	Long non-coding RNA Neat1 triggers renal tubular epithelial cell apoptosis via activating BH3-only protein in membranous nephropathy. Autoimmunity, 2021, 54, 1-8.	1.2	4
1619	Targeting Aurora B kinase prevents and overcomes resistance to EGFR inhibitors in lung cancer by enhancing BIM- and PUMA-mediated apoptosis. Cancer Cell, 2021, 39, 1245-1261.e6.	7.7	58
1620	Programmed cell death in aortic aneurysm and dissection: A potential therapeutic target. Journal of Molecular and Cellular Cardiology, 2022, 163, 67-80.	0.9	35
1621	Prospects of Cationic Carbosilane Dendronized Gold Nanoparticles as Non-viral Vectors for Delivery of Anticancer siRNAs siBCL-xL and siMCL-1. Pharmaceutics, 2021, 13, 1549.	2.0	10
1622	In vitro evaluation of cytotoxic and apoptotic activities of ethanolic extract of sweet apricot kernel on PANC-1 pancreatic cancer cells. Nutrition and Food Science, 2021, ahead-of-print, .	0.4	3
1623	Dynamic reconfiguration of proâ€apoptotic BAK on membranes. EMBO Journal, 2021, 40, e107237.	3.5	20
1624	Interleukin-22 Attenuates Acute Pancreatitis-Associated Intestinal Mucosa Injury in Mice via STAT3 Activation. Gut and Liver, 2021, 15, 771-781.	1.4	5
1625	Arsenic trioxide induces expression of BCL-2 expression via NF- \hat{l}^{P} B and p38 MAPK signaling pathways in BEAS-2B cells during apoptosis. Ecotoxicology and Environmental Safety, 2021, 222, 112531.	2.9	5

#	Article	IF	CITATIONS
1626	The protective, rescue and therapeutic potential of multi-target iron-chelators for retinitis pigmentosa. Free Radical Biology and Medicine, 2021, 174, 1-11.	1.3	5
1627	Knockout of p53 leads to a significant increase in ALV-J replication. Poultry Science, 2021, 100, 101374.	1.5	7
1628	Subtyping of head and neck squamous cell cancers based on immune signatures. International Immunopharmacology, 2021, 99, 108007.	1.7	7
1629	Loss of pro-apoptotic Bax and Bak increases resistance to dihydroartemisinin-mediated cytotoxicity in normoxia but not in hypoxia in HCT116 colorectal cancer cells. Free Radical Biology and Medicine, 2021, 174, 157-170.	1.3	4
1630	New insights into binding of natural chalcones to Bcl-2, Bcl-xL and Mcl-1 anti-apoptotic proteins. Journal of Molecular Structure, 2021, 1241, 130700.	1.8	0
1631	Effect of Trimethyltin chloride on proliferation and cell cycle of intestinal porcine epithelial cells. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 249, 109131.	1.3	2
1632	Potential applications of BPFP1 in Bcl-2 protein quantification, carcinoma cell visualization, cell sorting and early cancer diagnosis. European Journal of Medicinal Chemistry, 2021, 224, 113725.	2.6	1
1633	RNF144A-AS1 promotes the development of glioma cells by targeting miR-665/HMGA1 axis. Neuroscience Letters, 2021, 765, 136259.	1.0	2
1634	Gallic acid for cancer therapy: Molecular mechanisms and boosting efficacy by nanoscopical delivery. Food and Chemical Toxicology, 2021, 157, 112576.	1.8	50
1635	Developments of CRBN-based PROTACs as potential therapeutic agents. European Journal of Medicinal Chemistry, 2021, 225, 113749.	2.6	64
1636	Palbociclib Renders Human Papilloma Virus–Negative Head and Neck Squamous Cell Carcinoma Vulnerable to the Senolytic Agent Navitoclax. Molecular Cancer Research, 2021, 19, 862-873.	1.5	17
1637	Lymphomagenesis predictors and related pathogenesis. Journal of Translational Autoimmunity, 2021, 4, 100098.	2.0	2
1638	Tau Oligomers Neurotoxicity. Life, 2021, 11, 28.	1.1	42
1639	Linking apoptosis and caspases in fetal neural tube defects. , 2021, , 73-82.		0
1640	EphA2 overexpression reduces H2O2-induced damage of lens epithelial cells. Genetics and Molecular Biology, 2021, 44, e20200414.	0.6	2
1641	Alginate-based bionanocomposites for cancer therapy. , 2021, , 417-436.		0
1642	Exposition of Phosphatidylserine in Lewis Carcinoma Cells under the Action of Anphen Sodium and Hydrogen Peroxide. Cell and Tissue Biology, 2021, 15, 61-66.	0.2	1
1643	Apoptosis in infectious diseases as a mechanism of immune evasion and survival. Advances in Protein Chemistry and Structural Biology, 2021, 125, 1-24.	1.0	16

#	ARTICLE	IF	CITATIONS
1644	Cell death pathways: intricate connections and disease implications. EMBO Journal, 2021, 40, e106700.	3.5	149
1645	A Low-Cost Method for Tracking the Induction of Apoptosis Using FRET-Based Activity Sensors in Suspension Cells. Methods in Pharmacology and Toxicology, 2016, , 93-108.	0.1	1
1646	Heat Shock Proteins: Endogenous Modulators of Ferroptosis. , 2019, , 61-81.		5
1647	Mitochondria and Angiogenesis. Advances in Experimental Medicine and Biology, 2017, 982, 371-406.	0.8	35
1648	Cannabinoids and Mitochondria. , 2017, , 211-235.		3
1649	Rohon-Beard Neuron in Zebrafish. , 2018, , 59-81.		3
1650	Discovery of novel indazole-acylsulfonamide hybrids as selective Mcl-1 inhibitors. Bioorganic Chemistry, 2020, 104, 104217.	2.0	9
1651	Calreticulin regulated intrinsic apoptosis through mitochondria-dependent and independent pathways mediated by ER stress in arsenite exposed HT-22Âcells. Chemosphere, 2020, 251, 126466.	4.2	14
1652	Single and dual target inhibitors based on Bcl-2: Promising anti-tumor agents for cancer therapy. European Journal of Medicinal Chemistry, 2020, 201, 112446.	2.6	22
1653	Centrality of BAGs in Plant PCD, Stress Responses, and Host Defense. Trends in Plant Science, 2020, 25, 1131-1140.	4.3	31
1654	VCAM-1-targeted and PPARδ-agonist-loaded nanomicelles enhanced suppressing effects on apoptosis and migration of oxidized low-density lipoprotein-induced vascular smooth muscle cells. Bioscience Reports, 2020, 40, .	1.1	6
1655	Modulation of apoptosis and viral latency – an axis to be well understood for successful cure of human immunodeficiency virus. Journal of General Virology, 2016, 97, 813-824.	1.3	28
1657	Astaxanthin attenuates hepatic damage and mitochondrial dysfunction in nonâ€alcoholic fatty liver disease by upâ€regulating the FGF21/PGCâ€1α pathway. British Journal of Pharmacology, 2020, 177, 3760-3777.	2.7	70
1658	Mst1-mediated phosphorylation of Bcl-xL is required for myocardial reperfusion injury. JCl Insight, 2016, 1, .	2.3	44
1659	Therapeutic opportunities for alcoholic steatohepatitis and nonalcoholic steatohepatitis: exploiting similarities and differences in pathogenesis. JCI Insight, 2017, 2, .	2.3	49
1660	Blocking endothelial apoptosis revascularizes the retina in a model of ischemic retinopathy. Journal of Clinical Investigation, 2020, 130, 4235-4251.	3.9	15
1661	Functionally identifiable apoptosis-insensitive subpopulations determine chemoresistance in acute myeloid leukemia. Journal of Clinical Investigation, 2016, 126, 3827-3836.	3.9	40
1662	Targeting apoptosis pathways in infections. Journal of Leukocyte Biology, 2018, 103, 275-285.	1.5	35

#	Article	IF	CITATIONS
1663	Thioridazine Sensitizes Esophageal Carcinoma Cell Lines to Radiotherapy-Induced Apoptosis In Vitro and In Vivo. Medical Science Monitor, 2016, 22, 2624-2634.	0.5	12
1664	Mahanimbine Exerts Anticancer Effects on Human Pancreatic Cancer Cells by Triggering Cell Cycle Arrest, Apoptosis, and Modulation of AKT/Mammalian Target of Rapamycin (mTOR) and Signal Transducer and Activator of Transcription 3 (STAT3) Signalling Pathways. Medical Science Monitor, 2018. 24. 6975-6983.	0.5	19
1665	Dexmedetomidine Attenuates Glutamate-Induced Cytotoxicity by Inhibiting the Mitochondrial-Mediated Apoptotic Pathway. Medical Science Monitor, 2020, 26, e922139.	0.5	2
1666	The essentials of developmental apoptosis. F1000Research, 2020, 9, 148.	0.8	84
1667	The third model of Bax/Bak activation: a Bcl-2 family feud finally resolved?. F1000Research, 2020, 9, 935.	0.8	50
1668	Csseverin inhibits apoptosis through mitochondria-mediated pathways triggered by Ca2 + dyshomeostasis in hepatocarcinoma PLC cells. PLoS Neglected Tropical Diseases, 2017, 11, e0006074.	1.3	9
1669	Apoptosis Induced by Ginkgo biloba (EGb761) in Melanoma Cells Is Mcl-1-Dependent. PLoS ONE, 2015, 10, e0124812.	1.1	17
1670	Porphyromonas gingivalis Differentially Modulates Cell Death Profile in Ox-LDL and TNF-α Pre-Treated Endothelial Cells. PLoS ONE, 2016, 11, e0154590.	1.1	18
1671	Ferulic Acid Administered at Various Time Points Protects against Cerebral Infarction by Activating p38 MAPK/p90RSK/CREB/Bcl-2 Anti-Apoptotic Signaling in the Subacute Phase of Cerebral Ischemia-Reperfusion Injury in Rats. PLoS ONE, 2016, 11, e0155748.	1.1	72
1672	Apoptosis-Related Gene Expression in an Adult Cohort with Crimean-Congo Hemorrhagic Fever. PLoS ONE, 2016, 11, e0157247.	1.1	8
1673	DNA Hypermethylation of CREB3L1 and Bcl-2 Associated with the Mitochondrial-Mediated Apoptosis via PI3K/Akt Pathway in Human BEAS-2B Cells Exposure to Silica Nanoparticles. PLoS ONE, 2016, 11, e0158475.	1.1	37
1674	Protein Kinase RNA-Like Endoplasmic Reticulum Kinase-Mediated Bcl-2 Protein Phosphorylation Contributes to Evodiamine-Induced Apoptosis of Human Renal Cell Carcinoma Cells. PLoS ONE, 2016, 11, e0160484.	1.1	22
1675	Cycloheximide Can Induce Bax/Bak Dependent Myeloid Cell Death Independently of Multiple BH3-Only Proteins. PLoS ONE, 2016, 11, e0164003.	1.1	8
1676	Detoxification of Mitochondrial Oxidants and Apoptotic Signaling Are Facilitated by Thioredoxin-2 and Peroxiredoxin-3 during Hyperoxic Injury. PLoS ONE, 2017, 12, e0168777.	1.1	18
1677	Linalool prevents oxidative stress activated protein kinases in single UVB-exposed human skin cells. PLoS ONE, 2017, 12, e0176699.	1.1	76
1678	Expression of human Bcl-xL (Ser49) and (Ser62) mutants in Caenorhabditis elegans causes germline defects and aneuploidy. PLoS ONE, 2017, 12, e0177413.	1.1	3
1679	The preclinical analysis of TW-37 as a potential anti-colorectal cancer cell agent. PLoS ONE, 2017, 12, e0184501.	1.1	9
1680	Modulating lysosomal function through lysosome membrane permeabilization or autophagy suppression restores sensitivity to cisplatin in refractory non-small-cell lung cancer cells. PLoS ONE, 2017, 12, e0184922.	1.1	54

#	Article	IF	CITATIONS
1681	Predicting effective pro-apoptotic anti-leukaemic drug combinations using co-operative dynamic BH3 profiling. PLoS ONE, 2018, 13, e0190682.	1.1	13
1682	Long-Term Priming by Three Small Molecules Is a Promising Strategy for Enhancing Late Endothelial Progenitor Cell Bioactivities. Molecules and Cells, 2018, 41, 582-590.	1.0	2
1683	Telomerase Reverse Transcriptase Contains a BH3-Like Motif and Interacts with BCL-2 Family Members. Molecules and Cells, 2018, 41, 684-694.	1.0	10
1684	Melatonin inhibits high glucose-induced ox-LDL/LDL expression and apoptosis in human umbilical endothelial cells. Hormone Molecular Biology and Clinical Investigation, 2020, 41, .	0.3	6
1685	Kill one or kill the many: interplay between mitophagy and apoptosis. Biological Chemistry, 2020, 402, 73-88.	1.2	44
1686	The Cytotoxic and Antimigratory Activity of Brazilin-Doxorubicin on MCF-7/HER2 Cells. Advanced Pharmaceutical Bulletin, 2018, 8, 507-516.	0.6	30
1687	Drug mechanismâ€ofâ€ection discovery through the integration of pharmacological and <scp>CRISPR</scp> screens. Molecular Systems Biology, 2020, 16, e9405.	3.2	63
1688	Gatifloxacin inducing apoptosis of stromal fibroblasts through cross-talk between caspase-dependent extrinsic and intrinsic pathways. International Journal of Ophthalmology, 2019, 12, 1524-1530.	0.5	1
1689	Hepatic histopathology and apoptosis in diet-induced-obese mice under Escherichia coli pneumonia. Aging, 2019, 11, 2836-2851.	1.4	6
1690	Rapamycin protects chondrocytes against IL-18-induced apoptosis and ameliorates rat osteoarthritis. Aging, 2020, 12, 5152-5167.	1.4	70
1691	A novel 3',5'-diprenylated chalcone induces concurrent apoptosis and GSDME-dependent pyroptosis through activating PKCl'/JNK signal in prostate cancer. Aging, 2020, 12, 9103-9124.	1.4	30
1692	Osteosarcoma cells with genetic signatures of BRCAness are susceptible to the PARP inhibitor talazoparib alone or in combination with chemotherapeutics. Oncotarget, 2017, 8, 48794-48806.	0.8	70
1693	The trans-membrane domain of Bcl- $2\hat{l}_{\pm}$, but not its hydrophobic cleft, is a critical determinant for efficient IP3 receptor inhibition. Oncotarget, 2016, 7, 55704-55720.	0.8	34
1694	Targeting prohibitins induces apoptosis in acute myeloid leukemia cells. Oncotarget, 2016, 7, 64987-65000.	0.8	19
1695	Epigenetic therapy potential of suberoylanilide hydroxamic acid on invasive human non-small cell lung cancer cells. Oncotarget, 2016, 7, 68768-68780.	0.8	6
1696	Pre-clinical characterization of PKC412, a multi-kinase inhibitor, against colorectal cancer cells. Oncotarget, 2016, 7, 77815-77824.	0.8	11
1697	Gene expression profile induced by arsenic trioxide in chronic lymphocytic leukemia cells reveals a central role for heme oxygenase-1 in apoptosis and regulation of matrix metalloproteinase-9. Oncotarget, 2016, 7, 83359-83377.	0.8	8
1698	Aberrant localization of apoptosis protease activating factor-1 in lipid raft sub-domains of diffuse large B cell lymphomas. Oncotarget, 2016, 7, 83964-83975.	0.8	5

#	Article	IF	CITATIONS
1699	Wilms' tumor gene 1 silencing inhibits proliferation of human osteosarcoma MG-63 cell line by cell cycle arrest and apoptosis activation. Oncotarget, 2017, 8, 13917-13931.	0.8	22
1700	SPECT and PET radiopharmaceuticals for molecular imaging of apoptosis: from bench to clinic. Oncotarget, 2017, 8, 20476-20495.	0.8	37
1701	Grape seed extracts modify the outcome of oxaliplatin in colon cancer cells by interfering with cellular mechanisms of drug cytotoxicity. Oncotarget, 2017, 8, 50845-50863.	0.8	9
1702	Interleukin-22 promotes aerobic glycolysis associated with tumor progression via targeting hexokinase-2 in human colon cancer cells. Oncotarget, 2017, 8, 25372-25383.	0.8	18
1703	A systematic review and meta-analysis of individual patient data on the impact of the BIM deletion polymorphism on treatment outcomes in epidermal growth factor receptor mutant lung cancer. Oncotarget, 2017, 8, 41474-41486.	0.8	13
1704	Protective effects of circulating microvesicles derived from myocardial ischemic rats on apoptosis of cardiomyocytes in myocardial ischemia/reperfusion injury. Oncotarget, 2017, 8, 54572-54582.	0.8	7
1705	The genetically engineered drug rhCNB induces apoptosis via a mitochondrial route in tumor cells. Oncotarget, 2017, 8, 65876-65888.	0.8	2
1706	Nicotine suppresses apoptosis by regulating $\hat{l}\pm7nAChR/Prx1$ axis in oral precancerous lesions. Oncotarget, 2017, 8, 75065-75075.	0.8	32
1707	Dual inhibition of BRD4 and PI3K-AKT by SF2523 suppresses human renal cell carcinoma cell growth. Oncotarget, 2017, 8, 98471-98481.	0.8	21
1708	NOTCH1 signaling contributes to cell growth, anti-apoptosis and metastasis in salivary adenoid cystic carcinoma. Oncotarget, 2014, 5, 6885-6895.	0.8	51
1709	The sphingosine kinase 2 inhibitor ABC294640 inhibits cervical carcinoma cell growth. Oncotarget, 2018, 9, 2384-2394.	0.8	10
1710	S55746 is a novel orally active BCL-2 selective and potent inhibitor that impairs hematological tumor growth. Oncotarget, 2018, 9, 20075-20088.	0.8	82
1711	BCL2 and BCL(X)L selective inhibitors decrease mitochondrial ATP production in breast cancer cells and are synthetically lethal when combined with 2-deoxy-D-glucose. Oncotarget, 2018, 9, 26046-26063.	0.8	38
1712	Metastability, an emerging concept governing BOK-mediated apoptosis initiation. Oncotarget, 2018, 9, 30944-30945.	0.8	5
1713	Optimal targeting of BCL-family proteins in head and neck squamous cell carcinoma requires inhibition of both BCL-xL and MCL-1. Oncotarget, 2019, 10, 494-510.	0.8	25
1714	Preferential targeting of MCL-1 by a hydrocarbon-stapled BIM BH3 peptide. Oncotarget, 2019, 10, 6219-6233.	0.8	13
1715	YM155 potently triggers cell death in breast cancer cells through an autophagy-NF-kB network. Oncotarget, 2015, 6, 13476-13486.	0.8	43
1716	Targeting Bcl-2 stability to sensitize cells harboring oncogenic <i>ras</i> . Oncotarget, 2015, 6, 22328-22337.	0.8	7

#	Article	IF	Citations
1717	An increase in glucosylceramide synthase induces Bcl-xL-mediated cell survival in vinorelbine-resistant lung adenocarcinoma cells. Oncotarget, 2015, 6, 20513-20524.	0.8	11
1718	Bcl-2highmantle cell lymphoma cells are sensitized to acadesine with ABT-199. Oncotarget, 2015, 6, 21159-21172.	0.8	16
1719	Time-course gene profiling and networks in demethylated retinoblastoma cell line. Oncotarget, 2015, 6, 23688-23707.	0.8	6
1720	Pharmacological inhibition of Bcl-xL sensitizes osteosarcoma to doxorubicin. Oncotarget, 2015, 6, 36113-36125.	0.8	39
1721	A novel prohibitin-binding compound induces the mitochondrial apoptotic pathway through NOXA and BIM upregulation. Oncotarget, 2015, 6, 41750-41765.	0.8	29
1722	Bone marrow stroma-induced resistance of chronic lymphocytic leukemia cells to arsenic trioxide involves Mcl-1 upregulation and is overcome by inhibiting the PI3K \hat{l} or PKC \hat{l} 2 signaling pathways. Oncotarget, 2015, 6, 44832-44848.	0.8	16
1723	STB-HO, a novel mica fine particle, inhibits the teratoma-forming ability of human embryonic stem cells after in vivo transplantation. Oncotarget, 2016, 7, 2684-2695.	0.8	2
1724	High efficacy of the BCL-2 inhibitor ABT199 (venetoclax) in BCL-2 high-expressing neuroblastoma cell lines and xenografts and rational for combination with MCL-1 inhibition. Oncotarget, 2016, 7, 27946-27958.	0.8	47
1725	BCL-W is a regulator of microtubule inhibitor-induced mitotic cell death. Oncotarget, 2016, 7, 38718-38730.	0.8	20
1726	Resistance to venetoclax and hypomethylating agents in acute myeloid leukemia., 2021, 4, 125-142.		26
1727	RTKN2 is Associated with Unfavorable Prognosis and Promotes Progression in Non-Small-Cell Lung Cancer. OncoTargets and Therapy, 2020, Volume 13, 10729-10738.	1.0	10
1728	Modified LDL Immune Complexes and Cardiovascular Disease. Current Medicinal Chemistry, 2019, 26, 1680-1692.	1.2	8
1729	The Effect of Resveratrol on Neurodegenerative Disorders: Possible Protective Actions Against Autophagy, Apoptosis, Inflammation and Oxidative Stress. Current Pharmaceutical Design, 2019, 25, 2178-2191.	0.9	38
1730	Molecular Chaperone HSP70 and Key Regulators of Apoptosis - A Review. Current Molecular Medicine, 2019, 19, 315-325.	0.6	37
1731	Traumatic Brain Injury Altered Normal Brain Signaling Pathways: Implications for Novel Therapeutics Approaches. Current Neuropharmacology, 2019, 17, 614-629.	1.4	21
1732	Recent Advances in the Development of Selective Mcl-1 Inhibitors for the Treatment of Cancer (2017-Present). Recent Patents on Anti-Cancer Drug Discovery, 2020, 15, 306-320.	0.8	3
1733	Bishydroquinone Renieramycin M Induces Apoptosis of Human Lung Cancer Cells Through a Mitochondria-dependent Pathway. Anticancer Research, 2016, 36, 6327-6334.	0.5	14
1734	Methylsulfonylmethane Induces G1 Arrest and Mitochondrial Apoptosis in YD-38 Gingival Cancer Cells. Anticancer Research, 2017, 37, 1637-1646.	0.5	12

#	ARTICLE	IF	Citations
1735	Combined Treatment with Stattic and Docetaxel Alters the Bax/Bcl-2 Gene Expression Ratio in Human Prostate Cancer Cells. Asian Pacific Journal of Cancer Prevention, 2016, 17, 5031-5035.	0.5	21
1736	Inhibition of CDK9 prevents mechanical injury-induced inflammation, apoptosis and matrix degradation in cartilage explants., 2016, 30, 200-209.		18
1737	Intercalating the Role of MicroRNAs in Cancer: As Enemy or Protector. Asian Pacific Journal of Cancer Prevention, 2020, 21, 593-598.	0.5	14
1738	MnSOD downregulation induced by extremely low 0.1 mGy single and fractionated X-rays and microgravity treatment in human neuroblastoma cell line, NB-1. Journal of Clinical Biochemistry and Nutrition, 2015, 57, 98-104.	0.6	17
1739	Leptomeningeal dissemination: a sinister pattern of medulloblastoma growth. Journal of Neurosurgery: Pediatrics, 2019, 23, 613-621.	0.8	29
1740	In situ hybridisation detects pro-apoptotic gene expression of a Bcl-2 family member in white syndrome-affected coral. Diseases of Aquatic Organisms, 2015, 117, 155-163.	0.5	8
1741	Poxviral Strategies to Overcome Host Cell Apoptosis. Pathogens, 2021, 10, 6.	1.2	30
1742	TİYENİL-TİYAZOL-ARİL-TİYOÜRE HİBRİT MOLEKÜLLERİN SENTEZİ VE BİYOLOJİK AKTİVİTE ÜZERİNDEN ANTİ-KANSER ETKİLERİNİN ARAŞTIRILMASI. Saglik Bilimleri Dergisi, 2019, 28, 87-93.	LERİNİ	°N APOPTO
1743	High expression of anti-apoptotic protein Bcl-2 is a good prognostic factor in colorectal cancer: Result of a meta-analysis. World Journal of Gastroenterology, 2017, 23, 5018.	1.4	27
1744	Decreased human antigeni¿½R expression confers resistance to�tyrosine kinase inhibitors in epidermal growth factor receptor-mutant lung cancer by inhibiting Bim expression. International Journal of Molecular Medicine, 2018, 42, 2930-2942.	1.8	4
1745	Cancer cell‑specific anticancer effects of Coptis�chinensis on gefitinib‑resistant lung cancer cells are mediated through the suppression of Mcl‑1 and Bcl‑2. International Journal of Oncology, 2020, 56, 1540-1550.	1.4	3
1746	PeroxiredoxinÂl deficiency increases pancreatic βâ€′cell apoptosis after streptozotocin stimulation via the AKT/GSK3β signaling pathway. Molecular Medicine Reports, 2020, 22, 1831-1838.	1.1	6
1747	miRâ€155 modulates high glucoseâ€induced cardiac fibrosis via the Nrf2/HOâ€1 signaling pathway. Molecular Medicine Reports, 2020, 22, 4003-4016.	1.1	12
1748	Cepharanthine exerts antitumor activity on choroidal melanoma by reactive oxygen species production and c-Jun N-terminal kinase activation. Oncology Letters, 2017, 13, 3760-3766.	0.8	15
1749	Aâ€'1210477, a selective MCLâ€'1 inhibitor, overcomes ABTâ€'737 resistance in AML. Oncology Letters, 2019, 18 5481-5489.	'0.8	10
1750	Pumpkin and Vitamin E as Potent Modulators of Apoptosis in Gentamicin-induced Rat Nephrotoxicity. Asian Journal of Biochemistry, 2017, 13, 1-8.	0.5	6
1751	Sulforaphane Induces Apoptosis of Acute Human Leukemia Cells Through Modulation of Bax, Bcl-2 and Caspase-3. International Journal of Pharmacology, 2018, 14, 369-376.	0.1	6
1752	Cadmium Activates Reactive Oxygen Species-dependent AKT/mTOR and Mitochondrial Apoptotic Pathways in Neuronal Cells. Biomedical and Environmental Sciences, 2016, 29, 117-26.	0.2	39

#	Article	IF	CITATIONS
1753	Assessment of the Cytotoxic and Apoptotic Eá¼€ects of Chaetominine in a Human Leukemia Cell Line. Biomolecules and Therapeutics, 2016, 24, 147-155.	1.1	29
1754	7,8-Dihydroxyflavone Protects High Glucose-Damaged Neuronal Cells against Oxidative Stress. Biomolecules and Therapeutics, 2019, 27, 85-91.	1.1	28
1755	Dihydroartemisinin induces apoptosis in human bladder cancer cell lines through reactive oxygen species, mitochondrial membrane potential, and cytochrome C pathway. International Journal of Preventive Medicine, 2017, 8, 78.	0.2	21
1756	Rosmarinic acid inhibits stem-like breast cancer through hedgehog and Bcl-2/Bax signaling pathways. Pharmacognosy Magazine, 2019, 15, 600.	0.3	8
1757	Apoptosis as a Therapeutic Target in Chronic Lymphocytic Leukemia. Lymphoma and Chronic Lymphocytic Leukemias, 0, 5, 11-15.	0.0	2
1758	BCL2 Regulation according to Molecular Subtype of Breast Cancer by Analysis of The Cancer Genome Atlas Database. Cancer Research and Treatment, 2018, 50, 658-669.	1.3	14
1759	The Participation of p53 and bcl-2 Proteins in Gastric Carcinomas Associated with Helicobacter pylori and/or Epstein-Barr Virus (EBV). Polish Journal of Microbiology, 2015, 64, 211-216.	0.6	7
1760	Gallic acid caused cultured mice TM4 Sertoli cells apoptosis and necrosis. Asian-Australasian Journal of Animal Sciences, 2019, 32, 629-636.	2.4	4
1761	Luteolin Arrests Cell Cycling, Induces Apoptosis and Inhibits the JAK/STAT3 Pathway in Human Cholangiocarcinoma Cells. Asian Pacific Journal of Cancer Prevention, 2014, 15, 5071-5076.	0.5	45
1762	Roles of p53 and Caspases in Induction of Apoptosis in MCF-7 Breast Cancer Cells Treated with a Methanolic Extract of Nigella Sativa Seeds. Asian Pacific Journal of Cancer Prevention, 2014, 15, 9655-9660.	0.5	23
1763	Asparagus Polysaccharide and Gum with Hepatic Artery Embolization Induces Tumor Growth and Inhibits Angiogenesis in an Orthotopic Hepatocellular Carcinoma Model. Asian Pacific Journal of Cancer Prevention, 2015, 15, 10949-10955.	0.5	10
1764	Dentatin from Clausena excavata Induces Apoptosis in HepG2 Cells via Mitochondrial Mediated Signaling. Asian Pacific Journal of Cancer Prevention, 2015, 16, 4311-4316.	0.5	11
1765	Molecular Mechanisms of Apoptosis and Roles in Cancer Development and Treatment. Asian Pacific Journal of Cancer Prevention, 2015, 16, 2129-2144.	0.5	431
1766	The CUL5 ubiquitin ligase complex mediates resistance to CDK9 and MCL1 inhibitors in lung cancer cells. ELife, 2019, 8, .	2.8	19
1767	Venetoclax: evidence to date and clinical potential. Drugs in Context, 2019, 8, 1-13.	1.0	83
1768	Iron overload induced death of osteoblasts in vitro: involvement of the mitochondrial apoptotic pathway. PeerJ, 2016, 4, e2611.	0.9	49
1769	Molecular attributes and apoptosis-inducing activities of a putative serine protease isolated from Tiger Milk mushroom (<i>Lignosus rhinocerus</i>) sclerotium against breast cancer cells <i>in vitro</i> . PeerJ, 2018, 6, e4940.	0.9	16
1770	Maternal selenium deficiency suppresses proliferation, induces autophagy dysfunction and apoptosis in the placenta of mice. Metallomics, 2021, 13, .	1.0	10

#	Article	IF	Citations
1771	Targeting mitochondrial respiration and the BCL2 family in highâ€grade MYCâ€associated Bâ€cell lymphoma. Molecular Oncology, 2022, 16, 1132-1152.	2.1	10
1772	Targeted Therapeutics Delivery by Exploiting Biophysical Properties of Senescent Cells. Advanced Functional Materials, 2022, 32, 2107990.	7.8	5
1773	The manipulation of apoptosis for cancer therapy using BH3-mimetic drugs. Nature Reviews Cancer, 2022, 22, 45-64.	12.8	144
1774	At a Crossroads to Cancer: How p53-Induced Cell Fate Decisions Secure Genome Integrity. International Journal of Molecular Sciences, 2021, 22, 10883.	1.8	30
1775	Bioinspired Artificial Liver System with hiPSCâ€Derived Hepatocytes for Acute Liver Failure Treatment. Advanced Healthcare Materials, 2021, 10, e2101580.	3.9	20
1776	Neuroprotective effect of paeoniflorin in the mouse model of Parkinson's disease through α-synuclein/protein kinase C δ subtype signaling pathway. NeuroReport, 2021, 32, 1379-1387.	0.6	10
1778	Influence of a B16/F10 melanoma variant on the θ 'cl-2 levels in mitochondria in various organs of female mice. Bulletin of Siberian Medicine, 2021, 20, 46-53.	0.1	1
1779	Exploring the Mechanism of Resveratrol in Reducing the Soft Tissue Damage of Osteoarthritis Based on Network Pharmacology and Experimental Pharmacology. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-13.	0.5	5
1780	The roles of GTPase-activating proteins in regulated cell death and tumor immunity. Journal of Hematology and Oncology, 2021, 14, 171.	6.9	17
1782	Zellen. , 2014, , 131-199.		0
1783	Germ Cell Apoptosis: Clinical Implications. , 2014, 03, .		0
1785	The Effects of the Wild African Potato (Hypoxis hemerocallidea) Supplementation on Streptozotocin-Induced Diabetic Wistar Rats Reproductive Function., 2016, 05,.		1
1786	Mislocalization of Mitochondrial Intermembrane Space Proteins. , 2016, , 45-67.		0
1787	Preclinical Studies on Nanosecond Pulses. , 2016, , 1-20.		1
1788	Neuroprotective effects of herbal mixture HT070 on global cerebral ischemia in rats. The Korea Journal of Herbology, 2016, 31, 101-109.	0.2	0
1789	Apoptosis regulator BAX of chinese tree shrew (Tupaia Belangeri Chinensis): Molecular Modelling and Structural Characterization. International Journal of Pharma and Bio Sciences, 2016, 7, .	0.1	0
1790	Metabolic Seizure Resistance via BAD and KATP Channels. , 2016, , .		0
1791	Role of Proteases in Regulating Cell Death Pathways. , 2017, , 535-551.		0

#	Article	IF	Citations
1792	Caspases: Moonlighting Proteins with Theranostic Potential., 2017,, 375-393.		1
1793	Glucose promotes resistance in lymphocytes against oxidative stress-induced apoptosis through signaling and metabolic pathways. Implications for Parkinson's disease. latreia, 2017, 30, 117-130.	0.1	1
1794	New Insights on the Regulation of Programmed Cell Death by Bcl-2 Family Proteins at the Mitochondria: Physiological and Pathophysiological Implications. Biological and Medical Physics Series, 2017, , 253-283.	0.3	0
1795	Der Zelltod., 0,, 1155-1169.		O
1796	Experimental study on the therapeutic effect and underlining mechanisms of positron in pancreatic cancer cells. Oncotarget, 2017, 8, 51652-51662.	0.8	3
1797	Catechins decrease neurological severity score through apoptosis and neurotropic factor pathway in rat traumatic brain injury. Universa Medicina, 2017, 36, 110-122.	0.1	1
1798	The BCL2L11 deletion polymorphism is not associated with imatinib resistance in chronic myeloid leukemia patients: meta-analysis. Oncotarget, 2017, 8, 99041-99048.	0.8	0
1799	Fluorescent investigation on process of tBid inducing membrane permeabilization. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 148703.	0.2	1
1800	Mitochondrial Function and Neurodegenerative Diseases. , 2018, , 369-414.		1
1806	Expression of Pro-Apoptotic P53 Tumor Suppressor Gene in Pituitary Adenomas: Comparison with Anti-Apoptotic Bcl-2 Oncoprotein. Archives of Neuroscience, 2019, In Press, .	0.1	0
1813	Wenetoklaks w leczeniu chorób ukÅ,adu krwiotwórczego i guzów litych. Acta Haematologica Polonica, 2019, 50, 41-50.	0.1	0
1815	Apoptotic effect of the anphen sodium antioxidant in combination with H2O2 on Lewis carcinoma cells. Russian Chemical Bulletin, 2019, 68, 2359-2364.	0.4	2
1817	Hydroclathrus clathratus as anti-damaging agent against lung injury in male albino rats. Beni-Suef University Journal of Basic and Applied Sciences, 2020, 9, .	0.8	1
1820	Modification of graphene oxide by angiopep-2 enhances anti-glioma efficiency of the nanoscaled delivery system for doxorubicin. Aging, 2020, 12, 10506-10516.	1.4	8
1821	Molecular mechanisms of high-affinity interaction of the protein tBid with the mitochondrial complex ĐœĐ¢Đ¡Đ⊋-ĐœĐžĐĐ-1., 2020, 64, 193-198.	0.0	0
1823	Venetoclax in the Treatment of Chronic Lymphocytic Leukemia: Evidence, Expectations, and Future Prospects. Cureus, 2020, 12, e8908.	0.2	3
1824	Evodiamine induces reactive oxygen species‑dependent apoptosis and necroptosis in human melanoma A‑375 cells. Oncology Letters, 2020, 20, 1-1.	0.8	11
1825	Date palm fruit (var. Ajwa) promotes proliferation of human bone marrow mesenchymal stem cells: potential natural booster for endogenous stem cells growth. Fruits, 2020, 75, 161-169.	0.3	0

#	Article	IF	CITATIONS
1826	Surviving death: emerging concepts of RIPK3 and MLKL ubiquitination in the regulation of necroptosis. FEBS Journal, 2023, 290, 37-54.	2.2	16
1827	Global Reprogramming of Apoptosis-Related Genes during Brain Development. Cells, 2021, 10, 2901.	1.8	10
1830	Honokiol inhibits the growth of SKBR3 cells. Translational Cancer Research, 2020, 9, 7596-7604.	0.4	1
1831	Cell death., 2022,, 47-64.		1
1832	Oxypeucedanin and isoimperatorin extracted from Prangos ferulacea (L.) Lindl protect PC12 pheochromocytoma cells from oxidative stress and apoptosis induced by doxorubicin. Research in Pharmaceutical Sciences, 2022, 17, 12.	0.6	8
1833	Therapeutics targeting BCL2 family proteins. , 2022, , 197-260.		3
1834	Molecular mechanisms of cell death. , 2022, , 65-92.		1
1835	Apoptosis, necroptosis, and pyroptosis in health and disease. , 2022, , 1-46.		O
1836	VHL-based PROTACs as potential therapeutic agents: Recent progress and perspectives. European Journal of Medicinal Chemistry, 2022, 227, 113906.	2.6	27
1837	Apoptosis in health and disease. , 2020, , 266-280.		O
1838	Do alterations in gene expressions influence tumorigenesis in the transmissible venereal tumor in dogs?. Ciencia Rural, 2020, 50, .	0.3	0
1839	Senolysis and Senostasis Through the Plasma Membrane. Healthy Ageing and Longevity, 2020, , 131-143.	0.2	1
1840	Discovery and Development of Mcl-1 Inhibitors as Anti-cancer Therapeutics: Hit to Clinical Candidate Optimization. RSC Drug Discovery Series, 2020, , 171-208.	0.2	0
1841	Preface: Life through death—Key role of cellular suicide for colonial and organismal homeostasis. International Review of Cell and Molecular Biology, 2020, 351, xi-xv.	1.6	O
1842	<i>Antrodia cinnamomea</i> Inhibits Growth and Migration of Lung Cancer Cells through Regulating p53-Bcl2 and MMPs Pathways. The American Journal of Chinese Medicine, 2020, 48, 1941-1953.	1.5	4
1843	Target Protein-Oriented Natural Product Isolation Methods. , 2020, , 457-474.		O
1844	Cell Proliferation, Survival, Necrosis and Apoptosis. Biological and Medical Physics Series, 2020, , 743-824.	0.3	1
1845	BH3 Mimetic Drugs for Anti-fibrotic Therapy. RSC Drug Discovery Series, 2020, , 235-258.	0.2	O

#	Article	IF	CITATIONS
1846	Senolytic Drug Development. Healthy Ageing and Longevity, 2020, , 3-20.	0.2	2
1847	Expression changes of cytotoxicity and apoptosis genes in HTLV-1-associated myelopathy/tropical spastic paraparesis patients from the perspective of system virology. Access Microbiology, 2020, 2, acmi000088.	0.2	1
1848	Synergistic effects of lowâ€'dose chemotherapy and T cells in renal cell carcinoma. Oncology Reports, 2020, 44, 897-908.	1.2	4
1850	Curcumin Sensitizes Cancers Towards TRAIL-induced Apoptosis via Extrinsic and Intrinsic Apoptotic Pathways. Current Drug Targets, 2020, 21, 849-854.	1.0	4
1852	Lifestyle Factors, Mitochondrial Dynamics, and Neuroprotection. , 0, , .		2
1854	Effects of matrine on the proliferation and apoptosis of human medulloblastoma cell line D341. International Journal of Clinical and Experimental Medicine, 2014, 7, 911-8.	1.3	6
1855	The relevance of molecular biomarkers in cervical cancer patients treated with radiotherapy. Annals of Translational Medicine, 2015, 3, 261.	0.7	8
1856	Annonaceous acetogenins reverses drug resistance of human hepatocellular carcinoma BEL-7402/5-FU and HepG2/ADM cell lines. International Journal of Clinical and Experimental Pathology, 2015, 8, 11934-44.	0.5	18
1857	The downregulation of Bcl-xL/Bcl-2-associated death promoter indicates worse outcomes in patients with small cell lung carcinoma. International Journal of Clinical and Experimental Pathology, 2015, 8, 13075-82.	0.5	6
1858	Fentanyl inhibits cell viability in human pancreatic cancer cell line and tumor growth in pancreatic cancer cell-transplanted mice. International Journal of Clinical and Experimental Medicine, 2015, 8, 17684-93.	1.3	6
1859	Matrine inhibited proliferation and increased apoptosis in human breast cancer MCF-7 cells via upregulation of Bax and downregulation of Bcl-2. International Journal of Clinical and Experimental Pathology, 2015, 8, 14793-9.	0.5	32
1861	Afatinib down-regulates MCL-1 expression through the PERK-eIF2α-ATF4 axis and leads to apoptosis in head and neck squamous cell carcinoma. American Journal of Cancer Research, 2016, 6, 1708-19.	1.4	16
1862	Characterization of acetaminophen-induced cytotoxicity in target tissues. American Journal of Translational Research (discontinued), 2016, 8, 4440-4445.	0.0	9
1863	Astragaloside IV enhances cardioprotection of remote ischemic conditioning after acute myocardial infarction in rats. American Journal of Translational Research (discontinued), 2016, 8, 4657-4669.	0.0	10
1865	Alisertib induces G/M arrest, apoptosis, and autophagy via PI3K/Akt/mTOR- and p38 MAPK-mediated pathways in human glioblastoma cells. American Journal of Translational Research (discontinued), 2017, 9, 845-873.	0.0	26
1866	Alterations in tendon microenvironment in response to mechanical load: potential molecular targets for treatment strategies. American Journal of Translational Research (discontinued), 2017, 9, 4341-4360.	0.0	13
1867	Effect of (R)-(+) Pulegone on Ovarian Tissue; Correlation with Expression of Aromatase Cyp19 and Ovarian Selected Genes in Mice. Cell Journal, 2018, 20, 231-243.	0.2	3
1868	Inhibitory Effect of Extract on Tumor Growth and Metastasis in 4T1 Breast Cancer Model. Iranian Journal of Pharmaceutical Research, 2018, 17, 276-291.	0.3	10

#	ARTICLE	IF	CITATIONS
1869	Synergistic effects of SHP2 and PI3K pathway inhibitors in GAB2-overexpressing ovarian cancer. American Journal of Cancer Research, 2019, 9, 145-159.	1.4	8
1870	Prolactin-inducible EDD E3 ubiquitin ligase promotes TORC1 signalling, anti-apoptotic protein expression, and drug resistance in breast cancer cells. American Journal of Cancer Research, 2019, 9, 1484-1503.	1.4	5
1871	Chemopreventive and anticancer activity of flavonoids and its possibility for clinical use by combining with conventional chemotherapeutic agents. American Journal of Cancer Research, 2019, 9, 1517-1535.	1.4	21
1872	Gasdermins in Apoptosis: New players in an Old Game. Yale Journal of Biology and Medicine, 2019, 92, 603-617.	0.2	8
1873	Cell Cycle Proteins as Key Regulators of Postmitotic Cell Death. Yale Journal of Biology and Medicine, 2019, 92, 641-650.	0.2	9
1874	MiR-197-3p regulates endothelial cell proliferation and migration by targeting IGF1R and BCL2 in Kawasaki disease. International Journal of Clinical and Experimental Pathology, 2019, 12, 4181-4192.	0.5	5
1875	MicroRNA-181a knockdown protects HepaRG cells from Dichlorvos-induced oxidative stress and apoptosis. International Journal of Clinical and Experimental Pathology, 2017, 10, 10883-10891.	0.5	2
1878	HIF- $1\hat{1}\pm$ suppresses myeloma progression by targeting Mcl-1. International Journal of Clinical and Experimental Pathology, 2020, 13, 1483-1491.	0.5	1
1879	BCL-XL inhibition by BH3-mimetic drugs induces apoptosis in models of Epstein-Barr virus-associated T/NK-cell lymphoma. Blood Advances, 2020, 4, 4775-4787.	2.5	4
1880	Small molecule CDS-3078 induces G/M phase arrest and mitochondria-mediated apoptosis in HeLa cells. Experimental and Therapeutic Medicine, 2020, 20, 284.	0.8	1
1882	ZLN005 protects against ischemia-reperfusion-induced kidney injury by mitigating oxidative stress through the restoration of mitochondrial fatty acid oxidation. American Journal of Translational Research (discontinued), 2021, 13, 10014-10037.	0.0	1
1883	Do pyroptosis, apoptosis, and necroptosis (PANoptosis) exist in cerebral ischemia? Evidence from cell and rodent studies. Neural Regeneration Research, 2022, 17, 1761.	1.6	63
1884	Combating the hypoxia limit of photodynamic therapy through reversing the survival-related pathways of cancer cells. Coordination Chemistry Reviews, 2022, 452, 214306.	9.5	13
1885	Vascular endothelial growth factor ameliorated palmitate-induced cardiomyocyte injury via JNK pathway. In Vitro Cellular and Developmental Biology - Animal, 2021, 57, 886-895.	0.7	3
1886	The Australasian Cell Death Society (ACDS): celebrating 50 years of Australasian cell death research. Immunology and Cell Biology, 2022, 100, 9-14.	1.0	0
1887	Inhibitory regulation of purple sweet potato polysaccharide on the hepatotoxicity of tri-(2,3-dibromopropyl) isocyanate. International Journal of Biological Macromolecules, 2022, 194, 445-451.	3.6	5
1888	Alnustone inhibits the growth of hepatocellular carcinoma via <scp>ROS</scp> ―mediated <scp>PI3K</scp> /Akt/ <scp>mTOR</scp> / <scp>p70S6K</scp> axis. Phytotherapy Research, 2022, 36, 525-542.	2.8	7
1889	Keeping up with venetoclax for leukemic malignancies: key findings, optimal regimens, and clinical considerations. Expert Review of Clinical Pharmacology, 2021, 14, 1497-1512.	1.3	3

#	Article	IF	CITATIONS
1890	The Cross Talk Between p53 and mTOR Pathways in Response to Physiological and Genotoxic Stresses. Frontiers in Cell and Developmental Biology, 2021, 9, 775507.	1.8	27
1891	Management of Acute Myeloid Leukemia: Current Treatment Options and Future Perspectives. Cancers, 2021, 13, 5722.	1.7	17
1892	Programmed Cell Death Pathways in the Pathogenesis of Idiopathic Inflammatory Myopathies. Frontiers in Immunology, 2021, 12, 783616.	2.2	10
1893	Evaluation and comparison of cytotoxicity and bioactivity of chemomechanical caries removal agents on stem cells from human exfoliated deciduous teeth. European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry, 2022, 23, 787-796.	0.7	3
1894	Periplocymarin Induced Colorectal Cancer Cells Apoptosis Via Impairing PI3K/AKT Pathway. Frontiers in Oncology, 2021, 11, 753598.	1.3	14
1895	miR-148-3p inhibits gastric cancer cell malignant phenotypes and chemotherapy resistance by targeting Bcl2. Bioengineered, 2024, 15, .	1.4	1
1896	BCL2 super-expressor diffuse large B-cell lymphoma: a distinct subgroup associated with poor prognosis. Modern Pathology, 2022, 35, 480-488.	2.9	6
1897	Functional apoptosis profiling identifies MCL-1 and BCL-xL as prognostic markers and therapeutic targets in advanced thymomas and thymic carcinomas. BMC Medicine, 2021, 19, 300.	2.3	10
1898	Overexpression of miR-340 inhibits cell proliferation and induces apoptosis of human bladder cancer via targeting Glut-1. BMC Urology, 2021, 21, 168.	0.6	7
1899	Senescence in chronic wounds and potential targeted therapies. Burns and Trauma, 2022, 10, tkab045.	2.3	16
1900	Alleviation of Liver Fibrosis Via Hepatic Stellate Cells Mitochondrial Apoptosis Induced by Metformin. SSRN Electronic Journal, 0, , .	0.4	0
1901	3,4-Dihydroxyphenylethanol ameliorates lipopolysaccharide-induced septic cardiac injury in a murine model. Open Life Sciences, 2021, 16, 1313-1320.	0.6	4
1902	De novo Mutation Enables NOTCH3ECD Aggregation and Mitochondrial Dysfunction via Interactions with BAX and BCL-2. Journal of Alzheimer's Disease, 2022, 86, 67-81.	1.2	0
1903	A chloride-doped silver-sulfide cluster [Ag ₁₄₈ S ₂₆ Cl ₃₀ (Cî€,CBu ^{<i>t</i>}) ₆₀] ^{6+ hierarchical assembly, enhanced luminescence and cytotoxicity to cancer cells. Nanoscale, 2022, 14, 1971-1977.}	/sup>: 2.8	8
1904	Targeting regulated cell death in tumor nanomedicines. Theranostics, 2022, 12, 817-841.	4.6	46
1905	Knockdown of IncRNA BDNF-AS inhibited the progression of multiple myeloma by targeting the miR-125a/b-5p-BCL2 axis. Immunity and Ageing, 2022, 19, 3.	1.8	3
1906	Anti-cancer effect of boron derivatives on small-cell lung cancer. Journal of Trace Elements in Medicine and Biology, 2022, 70, 126923.	1.5	18
1907	A computational perspective for tailor-made selective Mcl-1 and Bcl-XL inhibitors. Journal of Molecular Structure, 2022, 1253, 132269.	1.8	1

#	Article	IF	Citations
1908	Feature Selection Techniques for Selecting Proteins that Influence Mouse Down Syndrome Using Genetic Algorithms and Random Forests. International Journal on Informatics Visualization, 2020, 4, 162-165.	0.5	0
1910	Small molecule CDS-3078 induces G ₂ /M phase arrest and mitochondria-mediated apoptosis in HeLa cells. Experimental and Therapeutic Medicine, 2020, 20, 1-1.	0.8	2
1911	PolyphyllinÂVII induces apoptosis and autophagy via mediating H2O2 levels and the JNK pathway in human osteosarcoma U2OS cells. Oncology Reports, 2020, 45, 180-190.	1.2	13
1912	2-Oxy-3-Phenylacrylic Acid Derivatives as Potent Mcl-1 Inhibitors for Treatment of Cancer. SSRN Electronic Journal, 0, , .	0.4	0
1914	VDAC2 and the BCL-2 family of proteins. Biochemical Society Transactions, 2021, 49, 2787-2795.	1.6	23
1915	Analyzing Vessel and Endothelial as a Component of Angiogenic Vessel Remodeling. Methods in Molecular Biology, 2022, 2441, 29-39.	0.4	1
1916	Cell death mechanisms in head and neck cancer cells in response to low and high-LET radiation. Expert Reviews in Molecular Medicine, 2022, 24, .	1.6	5
1918	Treatment of kidney clear cell carcinoma, lung adenocarcinoma and glioblastoma cell lines with hydrogels made of DNA nanostars. Biomaterials Science, 2022, 10, 1304-1316.	2.6	6
1919	Editorial: Chemo-Resistance in Gastrointestinal Cancers. Frontiers in Oncology, 2022, 12, 821212.	1.3	1
1920	Structural insights into apoptotic regulation of human Bfk as a novel Bcl-2 family member. Computational and Structural Biotechnology Journal, 2022, 20, 745-756.	1.9	2
1921	Synergistic activity of combined inhibition of anti-apoptotic molecules in B-cell precursor ALL. Leukemia, 2022, 36, 901-912.	3.3	10
1922	Cytoprotective effect of selenium polysaccharide from Pleurotus ostreatus against H2O2-induced oxidative stress and apoptosis in PC12 cells. Arabian Journal of Chemistry, 2022, 15, 103686.	2.3	7
1923	Promotion of HepG2 cell apoptosis by Sedum emarginatum Migo and the mechanism of action. BMC Complementary Medicine and Therapies, 2022, 22, 31.	1.2	2
1924	Andrographolide Inhibits Proliferation and Promotes Apoptosis in Bladder Cancer Cells by Interfering with NF- I ^o B and PI3K/AKT Signaling In Vitro and In Vivo. Chinese Journal of Integrative Medicine, 2022, 28, 349-356.	0.7	5
1925	Bioinspired nonheme iron complex that triggers mitochondrial apoptotic signalling pathway specifically for colorectal cancer cells. Chemical Science, 2022, 13, 737-747.	3.7	5
1926	Ethanol Extract of <i>Eryngium Foetidum</i> Leaves Induces Mitochondrial Associated Apoptosis via ROS Generation in Human Gastric Cancer Cells. Nutrition and Cancer, 2022, 74, 2996-3006.	0.9	5
1927	Optophysiology: Illuminating cell physiology with optogenetics. Physiological Reviews, 2022, 102, 1263-1325.	13.1	51
1928	Skullcapflavone II protects neuronal damage in cerebral ischemic rats via inhibiting NF-ĸB and promoting angiogenesis. Microvascular Research, 2022, 141, 104318.	1.1	3

#	Article	IF	CITATIONS
1929	Structural basis of BAK activation in mitochondrial apoptosis initiation. Nature Communications, 2022, 13, 250.	5.8	19
1930	Bioactive PCL microspheres with enhanced biocompatibility and collagen production for functional hyaluronic acid dermal fillers. Biomaterials Science, 2022, 10, 947-959.	2.6	9
1931	The Bak core dimer focuses triacylglycerides in the membrane. Biophysical Journal, 2022, 121, 347-360.	0.2	1
1932	The deubiquitinating enzyme USP20 regulates the stability of the MCL1 protein. Biochemical and Biophysical Research Communications, 2022, 593, 122-128.	1.0	3
1933	Targeting entry into mitochondria for increased anticancer efficacy of BCL-XL-selective inhibitors in lung cancer. Pharmacological Research, 2022, 177, 106095.	3.1	2
1934	Smad4 mediates Bmf involvement in sheep granulosa cell apoptosis. Gene, 2022, 817, 146231.	1.0	5
1935	Quercus acutissima Carruth. root extract triggers apoptosis, autophagy and inhibits cell viability in breast cancer cells. Journal of Ethnopharmacology, 2022, 289, 115039.	2.0	3
1936	Effect of VirD4 on gastric epithelial-1 cells and its mechanism. Biocell, 2022, 46, 1557-1564.	0.4	0
1937	MicroRNA-101a-3p mimic ameliorates spinal cord ischemia/reperfusion injury. Neural Regeneration Research, 2022, 17, 2022.	1.6	10
1938	Molecular biology of apoptotic, necrotic, and necroptotic cell death. , 2022, , 51-72.		0
1939	Inhibition of cell proliferation by Tas of foamy viruses through cell cycle arrest or apoptosis underlines the different mechanisms of virus–host interactions. Virulence, 2022, 13, 342-354.	1.8	3
1941	Involvement of the <scp>NFâ€P8</scp> and <scp>PI3K</scp> /Akt/ <scp>mTOR</scp> pathways in cell death triggered by stypoldione, an oâ€quinone isolated from the brown algae <i>Stypopodium zonale</i> Environmental Toxicology, 2022, 37, 1297-1309.	2.1	2
1942	A Glimpse of Programmed Cell Death Among Bacteria, Animals, and Plants. Frontiers in Cell and Developmental Biology, 2021, 9, 790117.	1.8	3
1943	The interplay between BAX and BAK tunes apoptotic pore growth to control mitochondrial-DNA-mediated inflammation. Molecular Cell, 2022, 82, 933-949.e9.	4.5	81
1944	Interferon- \hat{l}^3 primes macrophages for pathogen ligand-induced killing via a caspase-8 and mitochondrial cell death pathway. Immunity, 2022, 55, 423-441.e9.	6.6	61
1945	BH3-Only Proteins Noxa and Puma Are Key Regulators of Induced Apoptosis. Life, 2022, 12, 256.	1.1	32
1946	The concept of intrinsic versus extrinsic apoptosis. Biochemical Journal, 2022, 479, 357-384.	1.7	76
1949	2-Oxy-3-phenylacrylic acid derivatives as potent Mcl-1 inhibitors for treatment of cancer. Results in Chemistry, 2022, 4, 100308.	0.9	O

#	Article	IF	CITATIONS
1950	SALL4 Oncogenic Function in Cancers: Mechanisms and Therapeutic Relevance. International Journal of Molecular Sciences, 2022, 23, 2053.	1.8	19
1951	Hypoxia-Inducible Factors and Burn-Associated Acute Kidney Injury—A New Paradigm?. International Journal of Molecular Sciences, 2022, 23, 2470.	1.8	1
1952	The Interaction Between Cancer-associated Fibroblasts and Cancer Cells Enhances Bcl-xL and Mcl-1 in Colorectal Cancer. Anticancer Research, 2022, 42, 1277-1288.	0.5	0
1953	Roles and Regulation of BCL-xL in Hematological Malignancies. International Journal of Molecular Sciences, 2022, 23, 2193.	1.8	14
1954	Should mutant TP53 be targeted for cancer therapy?. Cell Death and Differentiation, 2022, 29, 911-920.	5.0	47
1955	Knockdown of Annexin A2 Enhances Radiosensitivity by Increasing G2/M-Phase Arrest, Apoptosis and Activating the p38 MAPK-HSP27 Pathway in Nasopharyngeal Carcinoma. Frontiers in Oncology, 2022, 12, 769544.	1.3	3
1956	Understanding and Therapeutically Targeting the Scleroderma Myofibroblast. Current Treatment Options in Rheumatology, 2022, 8, 1-18.	0.6	0
1957	Stayin' alive: BCL-2 proteins in the hematopoietic system. Experimental Hematology, 2022, 110, 1-12.	0.2	9
1958	BH3 mimetic drugs cooperate with Temozolomide, JQ1 and inducers of ferroptosis in killing glioblastoma multiforme cells. Cell Death and Differentiation, 2022, 29, 1335-1348.	5.0	15
1959	Targeting mitochondrial proteases for therapy of acute myeloid leukaemia. British Journal of Pharmacology, 2022, 179, 3268-3282.	2.7	3
1960	Brain-Targeted Codelivery of Bcl-2/Bcl-xl and Mcl-1 Inhibitors by Biomimetic Nanoparticles for Orthotopic Glioblastoma Therapy. ACS Nano, 2022, 16, 6293-6308.	7.3	40
1961	New Perspectives in Treating Acute Myeloid Leukemia: Driving towards a Patient-Tailored Strategy. International Journal of Molecular Sciences, 2022, 23, 3887.	1.8	16
1962	Metabolic Seizure Resistance via BAD and KATP Channels. , 2022, , 321-335.		0
1963	CRISPR activation screen identifies BCL-2 proteins and B3GNT2 as drivers of cancer resistance to T cell-mediated cytotoxicity. Nature Communications, 2022, 13, 1606.	5.8	40
1964	Synthesis of $3-\langle i \rangle O \langle i \rangle$ -Acetyl-11-keto- \hat{l}^2 -boswellic Acid (AKBA)-Derived Amides and Their Mitochondria-Targeted Antitumor Activities. ACS Omega, 2022, 7, 9853-9866.	1.6	10
1965	Cellular Senescence in Diabetes Mellitus: Distinct Senotherapeutic Strategies for Adipose Tissue and Pancreatic Î ² Cells. Frontiers in Endocrinology, 2022, 13, 869414.	1.5	28
1966	Structure of the BAK-activating antibody 7D10 bound to BAK reveals an unexpected role for the $\hat{l}\pm 1-\hat{l}\pm 2$ loop in BAK activation. Cell Death and Differentiation, 2022, 29, 1757-1768.	5.0	4
1967	Mitochondrial Oxidative Stress and Cell Death in Podocytopathies. Biomolecules, 2022, 12, 403.	1.8	15

#	Article	IF	CITATIONS
1968	The Role of Micro RNAs in Regulating PI3K/AKT Signaling Pathways in Glioblastoma. Iranian Journal of Pathology, 2022, 17, 122-136.	0.2	4
1969	Altered pathways and targeted therapy in double hit lymphoma. Journal of Hematology and Oncology, 2022, 15, 26.	6.9	13
1970	Isoliquiritin Ameliorates Cisplatin-Induced Renal Proximal Tubular Cell Injury by Antagonizing Apoptosis, Oxidative Stress and Inflammation. Frontiers in Medicine, 2022, 9, 873739.	1.2	5
1971	Controllable Assembly of Mo ^{VI} ₃₆ -Based Polyoxometalate Porous Frameworks with Silver Ions and Lung Cancer Cell-Specific Cytotoxicity. Chemistry of Materials, 2022, 34, 2989-2997.	3.2	6
1972	MIMAS: microfluidic platform in tandem with MALDI mass spectrometry for protein quantification from small cell ensembles. Analytical and Bioanalytical Chemistry, 2022, 414, 3945-3958.	1.9	2
1973	Mitochondria and Other Organelles in Neural Development and Their Potential as Therapeutic Targets in Neurodegenerative Diseases. Frontiers in Neuroscience, 2022, 16, 853911.	1.4	8
1974	What can we learn from mice lacking pro-survival BCL-2 proteins to advance BH3 mimetic drugs for cancer therapy?. Cell Death and Differentiation, 2022, 29, 1079-1093.	5.0	11
1975	Some mice lacking intrinsic, as well as death receptor induced apoptosis and necroptosis, can survive to adulthood. Cell Death and Disease, 2022, 13, 317.	2.7	5
1976	Of the many cellular responses activated by TP53, which ones are critical for tumour suppression?. Cell Death and Differentiation, 2022, 29, 961-971.	5.0	47
1977	Exploration of the Potential Mechanisms of Lingqihuangban Granule for Treating Diabetic Retinopathy Based on Network Pharmacology. Combinatorial Chemistry and High Throughput Screening, 2023, 26, 14-29.	0.6	0
1978	Mitigation of liver fibrosis via hepatic stellate cells mitochondrial apoptosis induced by metformin. International Immunopharmacology, 2022, 108, 108683.	1.7	4
1979	Alfalfa saponins inhibit oxidative stress-induced cell apoptosis through the MAPK signaling pathway. Redox Report, 2022, 27, 1-8.	1.4	13
1980	RNA uridyl transferases TUT4/7 differentially regulate miRNA variants depending on the cancer cell type. Rna, 2022, 28, 353-370.	1.6	9
1981	Impact of Deamidation on the Structure and Function of Antiapoptotic Bcl-x _L . Journal of Chemical Information and Modeling, 2022, 62, 102-115.	2.5	3
1982	Synthesis, Anticancer Assessment, and Molecular Docking of Novel Chalcone-Thienopyrimidine Derivatives in HepG2 and MCF-7 Cell Lines. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-27.	1.9	14
1983	Targeting the Intrinsic Apoptosis Pathway: A Window of Opportunity for Prostate Cancer. Cancers, 2022, 14, 51.	1.7	12
1984	Lucanthone, Autophagy Inhibitor, Enhances the Apoptotic Effects of TRAIL through miR-216a-5p-Mediated DR5 Upregulation and DUB3-Mediated Mcl-1 Downregulation. International Journal of Molecular Sciences, 2022, 23, 17.	1.8	3
1985	FBXO22 Promotes Growth and Metastasis and Inhibits Autophagy in Epithelial Ovarian Cancers via the MAPK/ERK Pathway. Frontiers in Pharmacology, 2021, 12, 778698.	1.6	10

#	ARTICLE	IF	CITATIONS
1986	Grafting Hydrophobic Amino Acids Critical for Inhibition of Protein–Protein Interactions on a Cell-Penetrating Peptide Scaffold. Molecular Pharmaceutics, 2022, 19, 558-567.	2.3	3
1987	Bak and Bcl-xL Participate in Regulating Sensitivity of Solid Tumor Derived Cell Lines to Mcl-1 Inhibitors. Cancers, 2022, 14, 181.	1.7	4
1988	The Role of Chloride Channels in the Multidrug Resistance. Membranes, 2022, 12, 38.	1.4	8
1989	A Metal Ion-Controlled Molecular "Open Bridge―Detecting Oxidative Stress-Disrupted Apoptotic Signaling in Pediatric Neuroblastoma. ACS Sensors, 2021, 6, 4499-4506.	4.0	0
1990	Effects of Treadmill Exercise on Mitochondrial DNA Damage and Cardiomyocyte Telomerase Activity in Aging Model Rats Based on Classical Apoptosis Signaling Pathway. BioMed Research International, 2022, 2022, 1-8.	0.9	1
1991	Microparticles in Autoimmunity: Cause or Consequence of Disease?. Frontiers in Immunology, 2022, 13, 822995.	2.2	6
1992	Molecular mechanisms by which splice modulator GEX1A inhibits leukaemia development and progression. British Journal of Cancer, 2022, 127, 223-236.	2.9	2
1993	Design of Protein Segments and Peptides for Binding to Protein Targets. Biodesign Research, 2022, 2022, .	0.8	6
1994	The BCL-2 inhibitor ABT-199/venetoclax synergizes with proteasome inhibition via transactivation of the MCL-1 antagonist NOXA. Cell Death Discovery, 2022, 8, 215.	2.0	11
1995	Primary acute lymphoblastic leukemia cells are susceptible to microtubule depolymerization in G1 and M phases through distinct cell death pathways*. Journal of Biological Chemistry, 2022, , 101939.	1.6	O
1996	Involvement of NLRP3/Caspase-1/GSDMD-Dependent pyroptosis in BPA-Induced apoptosis of human neuroblastoma cells. Biochemical Pharmacology, 2022, 200, 115042.	2.0	15
1997	Red Blood Cell BCL-xL Is Required for Plasmodium falciparum Survival: Insights into Host-Directed Malaria Therapies. Microorganisms, 2022, 10, 824.	1.6	2
1998	Mitochondrial and metabolic alterations in cancer cells. European Journal of Cell Biology, 2022, 101, 151225.	1.6	19
1999	Fenofibrate mitigates testosterone induced benign prostatic hyperplasia via regulation of Akt/FOXO3a pathway and modulation of apoptosis and proliferation in rats. Archives of Biochemistry and Biophysics, 2022, 723, 109237.	1.4	5
2009	New Insights of Early Brain Injury after Subarachnoid Hemorrhage: A Focus on the Caspase Family. Current Neuropharmacology, 2023, 21, 392-408.	1.4	1
2012	7,8-Dihydroxyflavone protects neurons against oxygen-glucose deprivation induced apoptosis and activates the TrkB/Akt pathway. PeerJ, 2022, 10, e12886.	0.9	2
2013	Synergistic efficacy of homoharringtonine and venetoclax on acute myeloid leukemia cells and the underlying mechanisms. Annals of Translational Medicine, 2022, 10, 490-490.	0.7	7
2014	Biological causes of immunogenic cancer cell death (ICD) and anti-tumor therapy; Combination of Oncolytic virus-based immunotherapy and CAR T-cell therapy for ICD induction. Cancer Cell International, 2022, 22, 168.	1.8	36

#	Article	IF	CITATIONS
2015	Recent Developments in the Synthesis and Anticancer Activity of Indole and Its Derivatives. Current Organic Synthesis, 2023, 20, 376-394.	0.7	5
2016	Targeting Apoptosis in ALL. Current Hematologic Malignancy Reports, 2022, , 1.	1.2	2
2017	Targeting PI3K/AKT/mTOR pathway to enhance the anti-leukemia efficacy of venetoclax. Experimental Cell Research, 2022, 417, 113192.	1.2	5
2018	Catching a killer: Mechanisms of programmed cell death and immune activation in Amyotrophic Lateral Sclerosis. Immunological Reviews, 2022, 311, 130-150.	2.8	9
2019	Autophagy Inhibition Enhances the Anti-Tumor Activity of Methylseleninic Acid in Cisplatin-Resistance Human Lung Adenocarcinoma Cells. Frontiers in Pharmacology, 2022, 13, 890974.	1.6	4
2020	Alveolar cells in the mammary gland: lineage commitment and cell death. Biochemical Journal, 2022, 479, 995-1006.	1.7	2
2021	Weathering the Storm: Harnessing the Resolution of Inflammation to Limit COVID-19 Pathogenesis. Frontiers in Immunology, 2022, 13, .	2.2	11
2022	Data-Driven Mathematical Model of Apoptosis Regulation in Memory Plasma Cells. Cells, 2022, 11, 1547.	1.8	2
2023	Purified PTEN-Long Induces Liver Cancer Cells to Undergo Autophagy and Apoptosis. Frontiers in Surgery, 2022, 9, .	0.6	2
2024	Cisplatin-induced pyroptosis is mediated via the CAPN1/CAPN2-BAK/BAX-caspase-9-caspase-3-GSDME axis in esophageal cancer. Chemico-Biological Interactions, 2022, 361, 109967.	1.7	14
2025	Discovery and structure-activity relationship studies of novel Bcl-2/Mcl-1 dual inhibitors with indole scaffold. Bioorganic Chemistry, 2022, 125, 105845.	2.0	1
2026	Advances and perspectives of proteolysis targeting chimeras (PROTACs) in drug discovery. Bioorganic Chemistry, 2022, 125, 105848.	2.0	17
2027	20(s)-ginsenoside Rh2 promotes TRAIL-induced apoptosis by upregulating DR5 in human hepatocellular carcinoma cells. Medical Oncology, 2022, 39, 70.	1.2	1
2028	Recent advances in IAP-based PROTACs (SNIPERs) as potential therapeutic agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1437-1453.	2.5	13
2029	Autophagy and Apoptosis in Acute Brain Injuries: From Mechanism to Treatment. Antioxidants and Redox Signaling, 2023, 38, 234-257.	2.5	13
2030	Exploring the Therapeutic Potentials of Exopolysaccharides Derived From Lactic Acid Bacteria and Bifidobacteria: Antioxidant, Antitumor, and Periodontal Regeneration. Frontiers in Microbiology, 2022, 13, 803688.	1.5	24
2032	Structural Details of BH3 Motifs and BH3-Mediated Interactions: an Updated Perspective. Frontiers in Molecular Biosciences, 2022, 9, .	1.6	11
2033	No longer married to inflammasome signaling: the diverse interacting pathways leading to pyroptotic cell death. Biochemical Journal, 2022, 479, 1083-1102.	1.7	17

#	Article	IF	CITATIONS
2034	Selective inhibition of histone deacetylase 3 by novel hydrazide based small molecules as therapeutic intervention for the treatment of cancer. European Journal of Medicinal Chemistry, 2022, 238, 114470.	2.6	8
2035	Recent applications of covalent chemistries in protein–protein interaction inhibitors. RSC Medicinal Chemistry, 2022, 13, 921-928.	1.7	7
2036	Inhibition of B-cell lymphoma 2 family proteins alters optical redox ratio, mitochondrial polarization, and cell energetics independent of cell state. Journal of Biomedical Optics, 2022, 27, .	1.4	1
2037	Renal Ischemia Induces Epigenetic Changes in Apoptotic, Proteolytic, and Mitochondrial Genes in Swine Scattered Tubular-like Cells. Cells, 2022, 11, 1803.	1.8	5
2038	Enhancing the Theranostic Performance of Organic Photosensitizers with Aggregation-Induced Emission. Accounts of Materials Research, 2022, 3, 721-734.	5.9	12
2039	Plasmodium infection suppresses colon cancer growth by inhibiting proliferation and promoting apoptosis associated with disrupting mitochondrial biogenesis and mitophagy in mice. Parasites and Vectors, 2022, 15, .	1.0	3
2040	Venetoclax Induces Cardiotoxicity through Modulation of Oxidative-Stress-Mediated Cardiac Inflammation and Apoptosis via NF-κB and BCL-2 Pathway. International Journal of Molecular Sciences, 2022, 23, 6260.	1.8	4
2041	Rutin induces endoplasmic reticulum stress-associated apoptosis in human triple-negative breast carcinoma MDA-MB-231 cells – In vitro and in silico docking studies. Arabian Journal of Chemistry, 2022, 15, 104021.	2.3	3
2042	HOXA1, a breast cancer oncogene. Biochimica Et Biophysica Acta: Reviews on Cancer, 2022, 1877, 188747.	3.3	6
2043	Azacitidine and its role in the upfront treatment of acute myeloid leukemia. Expert Opinion on Pharmacotherapy, 2022, 23, 873-884.	0.9	2
2044	Therapeutic Potential of Mesenchymal Stem Cells versus Omega n â^3 3 Polyunsaturated Fatty Acids on Gentamicin-Induced Cardiac Degeneration. Pharmaceutics, 2022, 14, 1322.	2.0	5
2045	Effect of intermittent fasting on saving zone of stasis in burn wounds in rats. Burns, 2022, , .	1.1	0
2046	Hypoxia-inducedÂoxidative stress and apoptosisÂin gills of scaleless carp (Gymnocypris przewalskii). Fish Physiology and Biochemistry, 2022, 48, 911-924.	0.9	7
2047	Severe cellular stress drives apoptosis through a dual control mechanism independently of p53. Cell Death Discovery, 2022, 8, .	2.0	8
2048	MCL1 as putative target in pancreatoblastoma. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2022, 481, 265-272.	1.4	3
2049	Ellagic acid effects on testis, sex hormones, oxidative stress, and apoptosis in the relative sterility rat model following busulfan administration. BMC Complementary Medicine and Therapies, 2022, 22, .	1.2	6
2051	Navitoclax Enhances the Therapeutic Effects of PLK1 Targeting on Lung Cancer Cells in 2D and 3D Culture Systems. Pharmaceutics, 2022, 14, 1209.	2.0	3
2052	Neuroprotective Effect of Macrophage Migration Inhibitory Factor (MIF) in a Mouse Model of Ischemic Stroke. International Journal of Molecular Sciences, 2022, 23, 6975.	1.8	9

#	Article	IF	CITATIONS
2053	Aqueous Extract of Descuraniae Semen Attenuates Lipopolysaccharide-Induced Inflammation and Apoptosis by Regulating the Proteasomal Degradation and IRE1 \hat{l} ±-Dependent Unfolded Protein Response in A549 Cells. Frontiers in Immunology, 0, 13, .	2.2	1
2054	High-Risk Acute Myeloid Leukemia: A Pediatric Prospective. Biomedicines, 2022, 10, 1405.	1.4	1
2055	BCL-2 isoform \hat{l}^2 promotes angiogenesis by TRiC-mediated upregulation of VEGF-A in lymphoma. Oncogene, 2022, 41, 3655-3663.	2.6	6
2056	Proteolysis-targeting chimaeras (PROTACs) as pharmacological tools and therapeutic agents: advances and future challenges. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1667-1693.	2.5	6
2057	Flavonoid and chromone-rich extract from Euscaphis Konishii Hayata leaf attenuated alcoholic liver injury in mice. Journal of Ethnopharmacology, 2022, 295, 115455.	2.0	6
2058	Anti-Tumorigenic Effect of a Novel Derivative of 2-Hydroxyoleic Acid and the Endocannabinoid Anandamide on Neuroblastoma Cells. Biomedicines, 2022, 10, 1552.	1.4	1
2059	Smad7 Is Highly Expressed in Human Degenerative Discs and Participates in IL- $1\hat{l}^2$ -Induced Apoptosis of Rat AF Cells via the Mitochondria Pathway. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-15.	1.9	2
2060	Sensitization of GSH synthesis by curcumin curtails acrolein-induced alveolar epithelial apoptosis via Keap1 cysteine conjugation: A randomized controlled trial and experimental animal model of pneumonitis. Journal of Advanced Research, 2023, 46, 17-29.	4.4	4
2061	The <scp>BCL</scp> â€2 family member <scp>BID</scp> plays a role during embryonic development in addition to its <scp>BH3</scp> â€only protein function by acting in parallel to <scp>BAX</scp> , <scp>BAK</scp> and <scp>BOK</scp> . EMBO Journal, 2022, 41, .	3.5	15
2062	Evidence of impaired macroautophagy in human degenerative cervical myelopathy. Scientific Reports, 2022, 12, .	1.6	2
2063	Specific Targeting of Antiapoptotic Bcl-2 Proteins as a Radiosensitizing Approach in Solid Tumors. International Journal of Molecular Sciences, 2022, 23, 7850.	1.8	3
2064	Effect of Fumonisin B1 on Proliferation and Apoptosis of Intestinal Porcine Epithelial Cells. Toxins, 2022, 14, 471.	1.5	3
2065	Acetyl-11-Keto-Beta Boswellic Acid (AKBA) Protects Lens Epithelial Cells Against H2O2-Induced Oxidative Injury and Attenuates Cataract Progression by Activating Keap1/Nrf2/HO-1 Signaling. Frontiers in Pharmacology, 0, 13, .	1.6	8
2066	What Happens in TBI? A Wide Talk on Animal Models and Future Perspective. Current Neuropharmacology, 2023, 21, 1139-1164.	1.4	4
2067	Decoding the concealed transcriptional signature of the apoptosis-related BCL2 antagonist/killer 1 (BAK1) gene in human malignancies. Apoptosis: an International Journal on Programmed Cell Death, 0, , .	2.2	0
2068	Anti-apoptotic Bcl-2 protein in apo and holo conformation anchored to the membrane: comparative molecular dynamics simulations. Journal of Biomolecular Structure and Dynamics, 2023, 41, 6074-6088.	2.0	3
2069	Advances in the Therapeutic Effects of Apoptotic Bodies on Systemic Diseases. International Journal of Molecular Sciences, 2022, 23, 8202.	1.8	10
2070	Review on Anticancer properties of Piperine in Oral cancer: Therapeutic Perspectives. Research Journal of Pharmacy and Technology, 2022, , 3338-3342.	0.2	O

#	Article	IF	CITATIONS
2071	Circ_0005699 participates in ox-LDL-induced human umbilical vein endothelial cell injury via targeting the miR-636/TLR4/NF-1ºB pathway. Biochemical Engineering Journal, 2022, 186, 108579.	1.8	1
2072	Cimetidine-Based Cationic Amphiphiles for In Vitro Gene Delivery Targetable to Colon Cancer. ACS Omega, 2022, 7, 31388-31402.	1.6	2
2073	<code><scp>Bclâ€x</scp></code> <code>_L</code> <code></code> as prognostic marker and potential therapeutic target in cholangiocarcinoma. Liver International, 0, , .	1.9	3
2074	Biological and neurological activities of astaxanthin (Review). Molecular Medicine Reports, 2022, 26, .	1.1	18
2075	IFN \hat{I}^3 directly counteracts imatinib-induced apoptosis of primary human CD34+ CML stem/progenitor cells potentially through the upregulation of multiple key survival factors. Oncolmmunology, 2022, 11, .	2.1	0
2076	Cell Death Mechanisms in Cerebral Ischemia–Reperfusion Injury. Neurochemical Research, 2022, 47, 3525-3542.	1.6	36
2077	MAB21L1 promotes survival of lens epithelial cells through control of \hat{l}_{\pm} B-crystallin and ATR/CHK1/p53 pathway. Aging, 2022, 14, 6128-6148.	1.4	4
2078	Synthesis and Biological Evaluation of Steviol Derivatives with Improved Cytotoxic Activity and Selectivity. Journal of Natural Products, 2022, 85, 1945-1958.	1.5	5
2079	Synthesis of silver nanoparticles using Alpinia officinarum rhizome extract induces apoptosis through down-regulating Bcl-2 in human cancer cells. Biologia Futura, 2022, 73, 327-334.	0.6	1
2080	Discovery and identification of a novel small molecule BCL-2 inhibitor that binds to the BH4 domain. Acta Pharmacologica Sinica, 0, , .	2.8	2
2081	Cell death in skin function, inflammation, and disease. Biochemical Journal, 2022, 479, 1621-1651.	1.7	14
2082	New Trends in Aging Drug Discovery. Biomedicines, 2022, 10, 2006.	1.4	3
2084	Regulatory Role of Apoptotic and Inflammasome Related Proteins and Their Possible Functional Aspect in Thiram Associated Tibial Dyschondroplasia of Poultry. Animals, 2022, 12, 2028.	1.0	3
2085	Effects of Fdft 1 gene silencing and VD3 intervention on lung injury in hypoxia-stressed rats. Genes and Genomics, 2022, 44, 1201-1213.	0.5	1
2086	Synthesis of Scyllatoxinâ€Based BH3 Domain Mimetics with Diverse Patterns of Native Disulfide Bonds. Current Protocols, 2022, 2, .	1.3	0
2087	NA1—115—7, from Zygogynum pancheri, is a new selective MCL-1 inhibitor inducing the apoptosis of hematological cancer cells but non-toxic to normal blood cells or cardiomyocytes. Biomedicine and Pharmacotherapy, 2022, 154, 113546.	2.5	5
2088	Structural and biochemical analyses of Bcl-xL in complex with the BH3 domain of peroxisomal testis-specific 1. Biochemical and Biophysical Research Communications, 2022, 625, 174-180.	1.0	7
2089	SKLB-14b, a novel oral microtubule-destabilizing agent based on hydroxamic acid with potent anti-tumor and anti-multidrug resistance activities. Bioorganic Chemistry, 2022, 128, 106053.	2.0	3

#	Article	IF	CITATIONS
2090	Voices from beyond the grave: The impact of apoptosis on the microenvironment. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119341.	1.9	6
2091	Targeted co-delivery of a photosensitizer and an antisense oligonucleotide based on an activatable hyaluronic acid nanosystem with endogenous oxygen generation for enhanced photodynamic therapy of hypoxic tumors. Acta Biomaterialia, 2022, 153, 419-430.	4.1	8
2092	FGF13 suppresses acute myeloid leukemia by regulating bone marrow niches. Frontiers of Medicine, 0, , .	1.5	0
2093	Small molecule SJ572946 activates BAK to initiate apoptosis. IScience, 2022, 25, 105064.	1.9	6
2094	Overexpression of nucleotide metabolic enzyme DUT in hepatocellular carcinoma potentiates a therapeutic opportunity through targeting its dUTPase activity. Cancer Letters, 2022, 548, 215898.	3.2	5
2095	Oxidative Stress-Related Mechanisms That Mediate Chemoresistance in Cancer Stem Cells. , 2022, , 2079-2099.		0
2096	Effect of gardenia tea on apoptosis of human thyroid cancer cell line SW579 through PI3K-Akt pathway. Food Science and Technology, 0, 42, .	0.8	0
2097	The BCL-2 Family Proteins: Insights Into Their Mechanism of Action and Therapeutic Potential., 2022,,.		0
2098	Inhibition of acylglycerol kinase sensitizes DLBCL to venetoclax via upregulation of FOXO1-mediated BCL-2 expression. Theranostics, 2022, 12, 5537-5550.	4.6	4
2099	Mechanism of Citri Reticulatae Pericarpium as an Anticancer Agent from the Perspective of Flavonoids: A Review. Molecules, 2022, 27, 5622.	1.7	6
2100	In Vitro Cytotoxic and Apoptosis Induction Potential of Two Plant Extracts on HeLa Cells. , 0, , .		0
2101	A network pharmacology-based mechanism of the traditional Chinese medicine formula Li Kun Zhi Ji acting on colon cancer. Letters in Drug Design and Discovery, 2022, 19, .	0.4	0
2102	The role of pyroptosis and its crosstalk with immune therapy in breast cancer. Frontiers in Immunology, 0, 13, .	2.2	5
2103	An integrated bioinformatic investigation of mitochondrial energy metabolism genes in colon adenocarcinoma followed by preliminary validation of CPT2 in tumor immune infiltration. Frontiers in Immunology, 0, 13, .	2.2	1
2104	Unraveling Mitochondrial Determinants of Tumor Response to Radiation Therapy. International Journal of Molecular Sciences, 2022, 23, 11343.	1.8	4
2105	RNA-Regulatory Exosome Complex Suppresses an Apoptotic Program to Confer Erythroid Progenitor Cell Survival In Vivo. Blood Advances, 0, , .	2.5	0
2106	Immunohistochemistry reveals an increased number of ganglion cells in the normal-size plexus, as a pathological feature of immaturity of ganglia. Comparative Clinical Pathology, 2022, 31, 951-957.	0.3	1
2107	Curcumin and capsaicin regulate apoptosis and alleviate intestinal inflammation induced by Clostridioides difficile in vitro. Annals of Clinical Microbiology and Antimicrobials, 2022, 21, .	1.7	5

#	ARTICLE	IF	CITATIONS
2108	Recent Advances in PROTACs for Drug Targeted Protein Research. International Journal of Molecular Sciences, 2022, 23, 10328.	1.8	19
2110	Mitochondrial E3 ubiquitin ligase MARCHF5 controls BAK apoptotic activity independently of BH3-only proteins. Cell Death and Differentiation, 0, , .	5.0	1
2111	Cholecystokinin Receptor Antagonist Suppresses Melanoma Growth by Inducing Apoptosis of Tumor Cells. JID Innovations, 2022, 2, 100153.	1.2	1
2112	Different modalities of host cell death and their impact on <i>Mycobacterium tuberculosis</i> i>infection. American Journal of Physiology - Cell Physiology, 2022, 323, C1444-C1474.	2.1	18
2113	A comprehensive study of p53 protein. Journal of Cellular Biochemistry, 2022, 123, 1891-1937.	1.2	7
2114	Health benefits of flaxseed and its peptides (linusorbs). Critical Reviews in Food Science and Nutrition, 2024, 64, 1845-1864.	5.4	9
2115	MCL-1 is a master regulator of cancer dependency on fatty acid oxidation. Cell Reports, 2022, 41, 111445.	2.9	9
2116	Der programmierte Zelltod – Apoptose, Nekroptose, Ferroptose und Pyroptose. , 2022, , 825-834.		0
2117	The impact of oocyte death on mouse primordial follicle formation and ovarian reserve. Reproductive Medicine and Biology, 2022, 21, .	1.0	4
2118	Noxa and Mcl-1 expression influence the sensitivity to BH3-mimetics that target Bcl-xL in patient-derived glioma stem cells. Scientific Reports, 2022, 12, .	1.6	3
2119	Infectious spleen and kidney necrosis virus induces the reactive oxidative species/Nrf2-mediated oxidative stress response for the regulation of mitochondrion-mediated Bax/Bak cell death signals in GF-1 cells. Frontiers in Microbiology, 0, 13, .	1.5	1
2121	Visualization of BOK pores independent of BAX and BAK reveals a similar mechanism with differing regulation. Cell Death and Differentiation, 2023, 30, 731-741.	5.0	8
2122	Novel BH4-BCL-2 Domain Antagonists Induce BCL-2-Mediated Apoptosis in Triple-Negative Breast Cancer. Cancers, 2022, 14, 5241.	1.7	1
2123	1â€Sulfonylated 1,2,3,4â€tetrahydroquinolineâ€6â€carboxylic acids as simple, readilyâ€accessible MCLâ€1 inhibit Drug Development Research, 0, , .	tors. 1.4	1
2124	Development of venetoclax performance using its new derivatives on BCLâ€⊋ protein inhibition. Cell Biochemistry and Function, 0, , .	1.4	2
2125	The role of interaction between autophagy and apoptosis in tumorigenesis (Review). Oncology Reports, 2022, 48, .	1.2	25
2126	MicroRNAâ€582â€5p targeting Creb1 modulates apoptosis in cardiomyocytes hypoxia/reperfusionâ€induced injury. Immunity, Inflammation and Disease, 2022, 10, .	1.3	2
2127	Incomplete caspase 3 activation and mitigation of apoptosis in hibernating ground squirrels, Spermophilus lateralis. Physiological and Biochemical Zoology, 0, , .	0.6	O

#	ARTICLE	IF	CITATIONS
2128	In Vitro Cytotoxicity and Spectral Analysis-Based Phytochemical Profiling of Methanol Extract of Barleria hochstetteri, and Molecular Mechanisms Underlying Its Apoptosis-Inducing Effect on Breast and Lung Cancer Cell Lines. Separations, 2022, 9, 298.	1.1	7
2130	Porcine cGAS-STING signaling induced autophagy inhibits STING downstream IFN and apoptosis. Frontiers in Immunology, $0,13,13$	2.2	0
2131	Alternative splicing of apoptosis genes promotes human T cell survival. ELife, 0, 11, .	2.8	5
2132	Low expression of MYCN promotes cisplatin resistance by suppressing cisplatin‑induced apoptosis in epithelial ovarian cancer. Oncology Letters, 2022, 24, .	0.8	2
2134	Immune senescence in non-small cell lung cancer management: therapeutic relevance, biomarkers, and mitigating approaches. Expert Review of Anticancer Therapy, 2022, 22, 1197-1210.	1.1	3
2135	Navitoclax (ABT-263) Rejuvenates Human Skin by Eliminating Senescent Dermal Fibroblasts in a Mouse/Human Chimeric Model. Rejuvenation Research, 2023, 26, 9-20.	0.9	5
2136	Domain specific insight into the recognition of BH3-death motifs by the pro-survival Bcl-2 protein. Biophysical Journal, 2022, , .	0.2	1
2137	MARCH5 regulates mitotic apoptosis through MCL1-dependent and independent mechanisms. Cell Death and Differentiation, 2023, 30, 753-765.	5.0	3
2138	Sequence and expression regulation of the BCL2L2 gene in pigs. Gene, 2023, 851, 146992.	1.0	1
2139	Exploratory study on the potential regulating role of Peroxiredoxin 6 on proteolysis and relationships with desmin early postmortem. Meat Science, 2023, 195, 109021.	2.7	1
2140	Role of mitochondrial outer membrane permeabilization during bacterial infection. International Review of Cell and Molecular Biology, 2023, , 83-127.	1.6	3
2141	50 years on and still very much alive:  Apoptosis: a basic biological phenomenon with wide-ranging implications in tissue kinetics'. British Journal of Cancer, 2023, 128, 426-431.	2.9	18
2142	Ferroptosis: a double-edged sword mediating immune tolerance of cancer. Cell Death and Disease, 2022, 13, .	2.7	20
2143	IND-2, a Quinoline Derivative, Inhibits the Proliferation of Prostate Cancer Cells by Inducing Oxidative Stress, Apoptosis and Inhibiting Topoisomerase II. Life, 2022, 12, 1879.	1.1	3
2144	BCL-2 protein family: attractive targets for cancer therapy. Apoptosis: an International Journal on Programmed Cell Death, 2023, 28, 20-38.	2.2	64
2145	Apelin-13 Protects Neurons by Attenuating Early-Stage Postspinal Cord Injury Apoptosis In Vitro. Brain Sciences, 2022, 12, 1515.	1.1	2
2146	Established and emerging roles for mitochondria in neutrophils. Immunological Reviews, 2023, 314, 413-426.	2.8	8
2147	Xiao-Xu-Ming decoction extracts promotes mitochondrial biogenesis and improves neurobehavioral deficits in cerebral ischemia/reperfusion rats. Pharmacological Research Modern Chinese Medicine, 2022, 5, 100192.	0.5	0

#	Article	IF	CITATIONS
2148	Adverse effects of 2-Methoxyestradiol on mouse oocytes during reproductive aging. Chemico-Biological Interactions, 2023, 369, 110277.	1.7	2
2149	Koumine induces apoptosis in Cyprinus carpio liver cells by regulating JAK-STAT and p53 signaling pathways. Fish and Shellfish Immunology, 2023, 132, 108475.	1.6	4
2150	Mitigation of apoptosis-mediated neurotoxicity induced by silver nanoparticles via rutaceae nutraceuticals: P53 activation and Bax/Bcl-2 regulation. Toxicology Reports, 2022, 9, 2055-2063.	1.6	1
2151	Nisin delivery by nanosponges increases its anticancer activity against in-vivo melanoma model. Journal of Drug Delivery Science and Technology, 2023, 79, 104065.	1.4	7
2152	Research progress on pyroptosis-mediated immune-inflammatory response in ischemic stroke and the role of natural plant components as regulator of pyroptosis: A review. Biomedicine and Pharmacotherapy, 2023, 157, 113999.	2.5	4
2153	Fatty acid-binding proteins 3 and 5 are involved in the initiation of mitochondrial damage in ischemic neurons. Redox Biology, 2023, 59, 102547.	3.9	8
2154	Synthesis of nickel cobalt-codoped tin oxide nanoparticles from Psidium guajava with anticancer properties. Arabian Journal of Chemistry, 2023, 16, 104481.	2.3	4
2155	Taurine and deferiprone against Al-linked apoptosis in rat hippocampus. Journal of Trace Elements in Medicine and Biology, 2023, 76, 127113.	1.5	0
2156	Fgf8 promotes survival of nephron progenitors by regulating BAX/BAK-mediated apoptosis. Differentiation, 2023, 130, 7-15.	1.0	0
2157	Ancient Chinese Herbal Recipe Huanglian Jie Du Decoction for Ischemic Stroke: An Overview of Current Evidence., 2022, 13, 1733.		5
2158	Another Concept of Cancer Interpretation in View of the Interaction between Plasma Radiation and DNA. Clinical Cancer Investigation Journal, 2022, 11, 33-43.	0.2	0
2159	Photothermally Responsive siRNA Delivery by PEGylated Poly(amido amine)s for Improved Tumor Therapy. Journal of Biomedical Nanotechnology, 2022, 18, 1755-1762.	0.5	0
2160	Rosiglitazone attenuates hypoxia-induced renal cell apoptosis by inhibiting NF-κB signaling pathway in a PPARγ-dependent manner. Renal Failure, 2022, 44, 2056-2065.	0.8	0
2161	Collateral deletion of the mitochondrial AAA+ ATPase ATAD1 sensitizes cancer cells to proteasome dysfunction. ELife, 0, 11 , .	2.8	5
2162	Targeting TRAIL Death Receptors in Triple-Negative Breast Cancers: Challenges and Strategies for Cancer Therapy. Cells, 2022, 11, 3717.	1.8	5
2163	Role of microRNA-34b-5p in cancer and injury: how does it work?. Cancer Cell International, 2022, 22, .	1.8	2
2164	Apoptosis as a Barrier against CIN and Aneuploidy. Cancers, 2023, 15, 30.	1.7	1
2165	Ginsenoside Rg1 regulates thiram-induced chondrocytes' apoptosis and angiogenesis in broiler chickens. Environmental Science and Pollution Research, 2023, 30, 34188-34202.	2.7	1

#	Article	IF	CITATIONS
2166	Endoplasmic Reticulum Stress Signaling and Neuronal Cell Death. International Journal of Molecular Sciences, 2022, 23, 15186.	1.8	12
2167	Venetoclax with decitabine versus decitabine monotherapy in elderly acute myeloid leukemia: a propensity score-matched analysis. Blood Cancer Journal, 2022, 12, .	2.8	9
2168	Overcoming apoptotic resistance afforded by Bcl-2 in lymphoid tumor cells: a critical role for dexamethasone. Cell Death Discovery, 2022, 8, .	2.0	1
2169	Detrimental effects of simulated microgravity on mast cell homeostasis and function. Frontiers in Immunology, 0, 13 , .	2.2	3
2170	A mitochondria-related signature for predicting immune microenvironment and therapeutic response in osteosarcoma. Frontiers in Oncology, 0, 12 , .	1.3	3
2171	Novel benzo chromene derivatives: design, synthesis, molecular docking, cell cycle arrest, and apoptosis induction in human acute myeloid leukemia HL-60 cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2023, 38, 405-422.	2.5	1
2172	Platelet intrinsic apoptosis. Thrombosis Research, 2023, 231, 206-213.	0.8	2
2173	In Vitro Modeling of Diabetes Impact on Vascular Endothelium: Are Essentials Engaged to Tune Metabolism?. Biomedicines, 2022, 10, 3181.	1.4	3
2174	Regulation of programmed cell death by Brd4. Cell Death and Disease, 2022, 13, .	2.7	10
2175	Combined inhibition of aurora kinases and Bcl-xL induces apoptosis through select BH3-only proteins. Journal of Biological Chemistry, 2023, 299, 102875.	1.6	1
2176	Effect of UV Stress on the Structure and Function of Proâ€apoptotic Bid and Antiâ€apoptotic Bclâ€xl proteins. ChemBioChem, 2023, 24, .	1.3	0
2177	DNA Fragmentation and mRNA Expression of Bcl-2, Bcl-xL, p53, p21 and HSP70 Genes in Nondysplastic and Dysplastic Oral Lichen Planus. Contemporary Clinical Dentistry, 2022, 13, 249.	0.2	1
2178	E3 ligase ligand optimization of Clinical PROTACs. Frontiers in Chemistry, 0, 11, .	1.8	8
2179	Apoptotic mitochondrial poration by a growing list of poreâ€forming BCLâ€2 family proteins. BioEssays, 2023, 45, .	1.2	7
2180	Navitoclax improves acuteâ€onâ€chronic liver failure by eliminating senescent cells in mice. Hepatology Research, 2023, 53, 460-472.	1.8	4
2181	Optimization of BAX trigger site activator BTSA1 with improved antitumor potency and in vitro ADMET properties. European Journal of Medicinal Chemistry, 2023, 248, 115076.	2.6	3
2182	Ruthenium Complex HB324 Induces Apoptosis via Mitochondrial Pathway with an Upregulation of Harakiri and Overcomes Cisplatin Resistance in Neuroblastoma Cells In Vitro. International Journal of Molecular Sciences, 2023, 24, 952.	1.8	5
2184	Synthesis, biological evaluation of novel iridium(III) complexes targeting mitochondria toward melanoma B16Acells. European Journal of Medicinal Chemistry, 2023, 247, 115046.	2.6	13

#	Article	IF	CITATIONS
2185	Clearance of senescent cells by navitoclax (ABT263) rejuvenates UHMWPE-induced osteolysis. International Immunopharmacology, 2023, 115, 109694.	1.7	3
2186	Diosgenin: Chemistry, extraction, quantification and health benefits. , 2023, 2, 100170.		8
2187	Nitric Oxide Synthase Inhibition Protects Against RotenoneInduced Neurodegeneration in vivo. Journal of Neurology and Epidemiology, 0, 7, 9-18.	0.0	0
2189	Autophagy and Apoptosis: Current Challenges of Treatment and Drug Resistance in Multiple Myeloma. International Journal of Molecular Sciences, 2023, 24, 644.	1.8	4
2190	Artabotrys odoratissimus Bark Extract Restores Ethanol Induced Redox Imbalance and Toxicity in Hepatocytes and In Vivo Model. Applied Biochemistry and Biotechnology, 2023, 195, 3366-3383.	1.4	1
2191	Nanoenabled Tumor Energy Metabolism Disorder via Sonodynamic Therapy for Multidrug Resistance Reversal and Metastasis Inhibition. ACS Applied Materials & Interfaces, 2023, 15, 309-326.	4.0	7
2192	Synthetic Analogs of Marine Alkaloid Aplysinopsin Suppress Anti-Apoptotic Protein BCL2 in Prostate Cancer. Molecules, 2023, 28, 109.	1.7	2
2193	BH3 mimetics and TKI combined therapy for Chronic Myeloid Leukemia. Biochemical Journal, 2023, 480, 161-176.	1.7	3
2194	<i>In Vitro</i> Anticancer Effects of Unitein and Deep Seawater Salt Minerals on HT-29 Human Colon Carcinoma Cells. Journal of the Korean Society of Food Science and Nutrition, 2023, 52, 8-16.	0.2	0
2197	Potential Oral Anticancer Therapeutic Agents of Hexahydrocurcumin-Encapsulated Chitosan Nanoparticles against MDA-MB-231 Breast Cancer Cells. Pharmaceutics, 2023, 15, 472.	2.0	3
2199	Mitochondrial-Targeted Triphenylphosphonium–Hydroxycamptothecin Conjugate and Its Nano-Formulations for Breast Cancer Therapy: In Vitro and In Vivo Investigation. Pharmaceutics, 2023, 15, 388.	2.0	1
2200	The activation of spliced X-box binding protein 1 by isorhynchophylline therapy improves diabetic encephalopathy. Cell Biology and Toxicology, 0 , , .	2.4	1
2201	Vitamins A, C, and E Exert Anti-apoptotic Function in the Testis of Rats After Exposure to Zinc Oxide Nanoparticles. Chonnam Medical Journal, 2023, 59, 48.	0.5	0
2202	Developments of PROTACs technology in immune-related diseases. European Journal of Medicinal Chemistry, 2023, 249, 115127.	2.6	4
2203	Novel insights into the interplay between m6A modification and programmed cell death in cancer. International Journal of Biological Sciences, 2023, 19, 1748-1763.	2.6	4
2204	Therapy-Induced Tumor Cell Senescence: Mechanisms and Circumvention. Biochemistry (Moscow), 2023, 88, 86-104.	0.7	0
2205	Mitochondrial Metabolism in Pancreatic Ductal Adenocarcinoma: From Mechanism-Based Perspectives to Therapy. Cancers, 2023, 15, 1070.	1.7	6
2206	p53 and Myofibroblast Apoptosis in Organ Fibrosis. International Journal of Molecular Sciences, 2023, 24, 6737.	1.8	1

#	Article	IF	CITATIONS
2207	A novel tumour enhancer function of Insulin-like growth factor II mRNA-binding protein 3 in colorectal cancer. Cell Death and Disease, 2023, 14 , .	2.7	3
2208	Comprehensive Analysis of the Expression and Functions of Pattern Recognition Receptors in Differentiated Cytotrophoblasts Derived from Term Human Placentas. Journal of Immunology, 2023, 210, 1552-1563.	0.4	2
2209	Prostate cancer and microRNAs: New insights into apoptosis. Pathology Research and Practice, 2023, 245, 154436.	1.0	3
2210	Anacyclus pyrethrum extract significantly destroyed lung cancer cell line (A549) by inducing apoptosis. Journal of Herbal Medicine, 2023, 39, 100649.	1.0	1
2211	Comparative transcriptomes reveal pro-survival and cytotoxic programs of mucosal-associated invariant T cells upon Bacillus Calmette–Guérin stimulation. Frontiers in Cellular and Infection Microbiology, 0, 13, .	1.8	0
2212	Graphene oxide nanoarchitectures in cancer biology: Nano-modulators of autophagy and apoptosis. Journal of Controlled Release, 2023, 354, 503-522.	4.8	19
2213	Ameliorative Effects of Thunbergia erecta L. Leaves Against the Initiation of Hepatocarcinogenesis Induced by Diethylnitrosamine in the Rat Model. Applied Biochemistry and Biotechnology, 2023, 195, 5881-5902.	1.4	1
2214	125I seed implantation enhances arsenic trioxide-induced apoptosis and anti-angiogenesis in lung cancer xenograft mice. Clinical and Translational Oncology, 0, , .	1.2	O
2215	IFN-Î ³ Signaling Sensitizes Melanoma Cells to BH3 Mimetics. Journal of Investigative Dermatology, 2023, 143, 1246-1256.e8.	0.3	1
2216	Renal Ischemia–reperfusion Injury Attenuated by Exosomes Extracted From Splenic Ischemic Preconditioning Models. Transplantation, 2023, 107, e90-e97.	0.5	0
2217	Cinnamomum cassia and Rosa laevigata Mixture Improves Benign Prostatic Hyperplasia in Rats by Regulating Androgen Receptor Signaling and Apoptosis. Nutrients, 2023, 15, 818.	1.7	1
2218	The Role of the NLRP3 Inflammasome and Programmed Cell Death in Acute Liver Injury. International Journal of Molecular Sciences, 2023, 24, 3067.	1.8	10
2219	MNT suppresses T cell apoptosis via BIM and is critical for T lymphomagenesis. Cell Death and Differentiation, 2023, 30, 1018-1032.	5.0	0
2220	MCL-1 promiscuity and the structural resilience of its binding partners. Journal of Chemical Physics, 2023, 158, .	1.2	5
2221	2-Ethynylbenzaldehyde-Based, Lysine-Targeting Irreversible Covalent Inhibitors for Protein Kinases and Nonkinases. Journal of the American Chemical Society, 2023, 145, 3844-3849.	6.6	10
2222	Emerging treatments for myelodysplastic syndromes: Biological rationales and clinical translation. Cell Reports Medicine, 2023, 4, 100940.	3.3	4
2223	Split aminoacyl-tRNA synthetases for proximity-induced stop codon suppression. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	3.3	1
2224	Jie Geng Tang reverses cisplatin resistance through the Nrf2 pathway in lung cancer. Journal of Pharmacy and Pharmacology, 0, , .	1.2	0

#	Article	IF	CITATIONS
2225	Membrane damage and repair: a thin line between life and death. Biological Chemistry, 2023, 404, 467-490.	1.2	10
2226	Cancer Resistance Is Mediated by the Upregulation of Several Anti-Apoptotic Gene Products <i>via</i> the Inducible Nitric Oxide Synthase/Nitric Oxide Pathway: Therapeutic Implications. Antioxidants and Redox Signaling, 2023, 39, 853-889.	2.5	2
2227	Venetoclax analogs as promising anticancer therapeutics via targeting Bcl-2 protein: <i>in-silico</i> drug discovery study. Journal of Biomolecular Structure and Dynamics, 0, , 1-17.	2.0	0
2228	Study of the Possible Cytogenetic and Immunological Effects of Cold Atmospheric Pressure Plasma Jet on Whole Blood Cultures of Vitiligo Patients. Plasma Medicine, 2022, 12, 29-44.	0.2	0
2229	Molecular modeling study of pyrrolidine derivatives as novel myeloid cell leukemia-1 inhibitors through combined 3D-QSAR, molecular docking, ADME/Tox and MD simulation techniques. Journal of Biomolecular Structure and Dynamics, 2023, 41, 13798-13814.	2.0	8
2230	Immunopotentiation effects of apigenin on NK cell proliferation and killing pancreatic cancer cells. International Journal of Immunopathology and Pharmacology, 2023, 37, 039463202311611.	1.0	4
2231	Pore-Forming Proteins: From Pore Assembly to Structure by Quantitative Single-Molecule Imaging. International Journal of Molecular Sciences, 2023, 24, 4528.	1.8	3
2232	Cancer Therapy. , 2023, , 483-534.		0
2233	Effect of Siegesbeckiae Herba on immune-inflammation of rheumatoid arthritis: Data mining and network pharmacology. European Journal of Integrative Medicine, 2023, 59, 102242.	0.8	0
2234	Curcumol Exerts Antitumor Effect via Inhibiting EGFR-Akt-Mcl-1 Signaling. The American Journal of Chinese Medicine, 2023, 51, 741-760.	1.5	2
2235	Study of the Bcl-2 Interactome by BiFC Reveals Differences in the Activation Mechanism of Bax and Bak. Cells, 2023, 12, 800.	1.8	0
2236	Dual role of endoplasmic reticulum stress-ATF-6 activation in autophagy and apoptosis induced by cyclic stretch in myoblast. Apoptosis: an International Journal on Programmed Cell Death, 2023, 28, 796-809.	2.2	2
2237	Hawthorn fruit extract protect against <scp>MC‣R</scp> â€induced hepatotoxicity by attenuating oxidative stress and apoptosis. Environmental Toxicology, 2023, 38, 1239-1250.	2.1	2
2238	The molecular consequences of androgen activity in the human breast. Cell Genomics, 2023, 3, 100272.	3.0	4
2239	Targeting regulated cell death pathways in acute myeloid leukemia. Cancer Drug Resistance (Alhambra,) Tj ETQqC	0.9rgBT	/Qverlock 10
2240	Structural Analysis of the Interaction between Bcl-xL and the Noncanonical BH3 Domain of Non-Bcl-2 Family Proteins. Current Protein and Peptide Science, 2023, 24, 296-306.	0.7	2
2241	Mitochondrial dysfunction and drug targets in multiple myeloma. Journal of Cancer Research and Clinical Oncology, 0 , , .	1.2	1
2242	Umbelliferone Ameliorates Hepatic Steatosis and Lipid-Induced ER Stress in High-Fat Diet-Induced Obese Mice. Yonsei Medical Journal, 2023, 64, 243.	0.9	4

#	Article	IF	CITATIONS
2244	Radiobiological Effects of the Combined Action of $1-\hat{l}^2$ -D-Arabinofuranosylcytosine and Proton Radiation on B16 Melanoma in vivo. Physics of Particles and Nuclei Letters, 2023, 20, 63-75.	0.1	0
2245	Early growth response-1: Key mediators of cell death and novel targets for cardiovascular disease therapy. Frontiers in Cardiovascular Medicine, 0, 10, .	1.1	5
2246	MCL-1 Inhibitor S63845 Distinctively Affects Intramedullary and Extramedullary Hematopoiesis. Pharmaceutics, 2023, 15, 1085.	2.0	0
2247	Nose to Brain Delivery of Astaxanthin–Loaded Nanostructured Lipid Carriers in Rat Model of Alzheimer's Disease: Preparation, in vitro and in vivo Evaluation. International Journal of Nanomedicine, 0, Volume 18, 1631-1658.	3.3	6
2248	Mechanical Regulation of Mitochondrial Dynamics and Function in a 3D-Engineered Liver Tumor Microenvironment. ACS Biomaterials Science and Engineering, 2023, 9, 2408-2425.	2.6	2
2249	The mtDNA-STING pathway plays an important role in both navitoclax- and S63845-induced autophagy and enhances cell death. Cell Biology and Toxicology, 0, , .	2.4	1
2250	Multiplexed Fluorescence Plate Reader In Situ Protein Expression Assay in Apoptotic HepG2 Cells. International Journal of Molecular Sciences, 2023, 24, 6564.	1.8	0
2251	Mutual induced-fit mechanism drives binding between intrinsically disordered Bim and cryptic binding site of Bcl-xL. Communications Biology, 2023, 6, .	2.0	4
2252	Targeting multifunctional magnetic nanowires for drug delivery in cancer cell death: an emerging paradigm. Environmental Science and Pollution Research, 0, , .	2.7	0
2253	BCL-G: 20 years of research on a non-typical protein from the BCL-2 family. Cell Death and Differentiation, 0, , .	5.0	O
2255	Rapid Evaluation of Staple Placement in Stabilized \hat{l}_{\pm} Helices Using Bacterial Surface Display. ACS Chemical Biology, 2023, 18, 905-914.	1.6	4
2256	AKR1B1 Represses Glioma Cell Proliferation through p38 MAPK-Mediated Bcl-2/BAX/Caspase-3 Apoptotic Signaling Pathways. Current Issues in Molecular Biology, 2023, 45, 3391-3405.	1.0	9
2257	Pathogenesis of Hepatocellular Carcinoma: The Interplay of Apoptosis and Autophagy. Biomedicines, 2023, 11, 1166.	1.4	6
2258	Venetoclax: A New Partner in the Novel Treatment Era for Acute Myeloid Leukemia and Myelodysplastic Syndrome. Clinical Hematology International, 2023, 5, 143-154.	0.7	7
2259	Sulconazole Induces PANoptosis by Triggering Oxidative Stress and Inhibiting Glycolysis to Increase Radiosensitivity in Esophageal Cancer. Molecular and Cellular Proteomics, 2023, 22, 100551.	2.5	14
2260	BCL-2 Protein Ailesi ve Kanser. Yýzüncü Yıl üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2023, 28, 1218-1232.	0.0	O
2261	AMG176, an MCL-1 inhibitor, is active in pre-clinical models of aggressive B-cell lymphomas. Leukemia and Lymphoma, 2023, 64, 1175-1185.	0.6	0
2262	Dexpanthenol ameliorates doxorubicin-induced lung injury by regulating endoplasmic reticulum stress and apoptosis. Naunyn-Schmiedeberg's Archives of Pharmacology, 2023, 396, 1837-1845.	1.4	3

#	Article	IF	CITATIONS
2263	LncRNA RP11-521C20.3 Inhibits Cigarette Smoke Extract-Induced Apoptosis in A549 Cells by Targeting BMF Signaling. International Journal of COPD, 0, Volume 18, 669-682.	0.9	0
2267	Apoptotic cell death in diseaseâ€"Current understanding of the NCCD 2023. Cell Death and Differentiation, 2023, 30, 1097-1154.	5.0	66
2282	Repurposing Niclosamide as a plausible neurotherapeutic in autism spectrum disorders, targeting mitochondrial dysfunction: a strong hypothesis. Metabolic Brain Disease, 0, , .	1.4	1
2309	Mechanisms of BCL-2 family proteins in mitochondrial apoptosis. Nature Reviews Molecular Cell Biology, 2023, 24, 732-748.	16.1	38
2328	Diversity and complexity of cell death: a historical review. Experimental and Molecular Medicine, 2023, 55, 1573-1594.	3.2	21
2349	The Role of BCL-2/MCL-1 Targeting in Acute Myeloid Leukemia. , 2023, , 133-145.		0
2363	Deubiquitinases in cancer. Nature Reviews Cancer, 2023, 23, 842-862.	12.8	5
2373	Terpenoids A Potential Scaffold for Cancer Therapy: A Mechanistic Approach. , 2023, , 210-248.		0
2404	C-Phycocyanin and Phycocyanobilin for neuroprotection: a deep dive into the biological processes involved. , 2024, , 385-401.		0
2408	Exploring Host Factors of the Human Metabolism as Promising Targets for Dengue Treatment. Infectious Diseases, 0, , .	4.0	0
2437	Krebstherapie., 2024,, 553-613.		0