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## Apaf-1: Regulation and function in cell death

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#	Paper IF	Citations
176	The antiviral role of heat shock protein 27 against red spotted grouper nervous necrosis virus infection in sea perch. <b>2017</b> , 70, 185-194	12
175	Beta-mangostin from Cratoxylum arborescens activates the intrinsic apoptosis pathway through reactive oxygen species with downregulation of the HSP70 gene in the HL60 cells associated with a G/G cell-cycle arrest. <b>2017</b> , 39, 1010428317731451	11
174	The complex domain architecture of SAMD9 family proteins, predicted STAND-like NTPases, suggests new links to inflammation and apoptosis. <b>2017</b> , 12, 13	30
173	10-3,6-Diazaphenothiazine induces G/M phase cell cycle arrest and caspase-dependent apoptosis and inhibits cell invasion of A2780 ovarian carcinoma cells through the regulation of NF- <b>B</b> and (BIRC6-XIAP) complexes. <b>2017</b> , 11, 3045-3063	14
172	Regulated Forms of Cell Death in Fungi. <b>2017</b> , 8, 1837	56
171	Apoptotic Protease Activating Factor-1 Inhibitor Mitigates Myocardial Ischemia Injury via Disturbing Procaspase-9 Recruitment by Apaf-1. <b>2017</b> , 2017, 9747296	8
170	Enantiomeric pairs of copper(II) polypyridyl-alanine complex salts: anticancer studies. 2018, 43, 479-496	6
169	PLGA nanoformulation of sparfloxacin enhanced antibacterial activity with photoprotective potential under ambient UV-R exposure. <b>2018</b> , 541, 173-187	4
168	Nitric Oxide and Mitochondrial Function in Neurological Diseases. <b>2018</b> , 376, 48-71	48
167	Protective effect of Coptisine from Rhizoma Coptidis on LPS/D-GalN-induced acute liver failure in mice through up-regulating expression of miR-122. <b>2018</b> , 98, 180-190	17
166	The AIM2 inflammasome: Sensor of pathogens and cellular perturbations. <b>2018</b> , 281, 99-114	158
165	Integrative mRNA-miRNA interaction analysis associate with immune response of sea cucumber Apostichopus japonicus based on transcriptome database. <b>2018</b> , 72, 69-76	10
164	N-(3-Oxo-acyl)-homoserine lactone induces apoptosis primarily through a mitochondrial pathway in fibroblasts. <b>2018</b> , 20, e12787	11
163	Involvement of P38 and ERK1/2 in mitochondrial pathways independent cell apoptosis in oviduct magnum epithelial cells of layers challenged with vanadium. <b>2018</b> , 33, 1312-1320	3
162	miR-186 promotes tumor growth in cutaneous squamous cell carcinoma by inhibiting apoptotic protease activating factor-1. <i>Experimental and Therapeutic Medicine</i> , <b>2018</b> , 16, 4010-4018	16
161	Cytotoxic Effect of Thymoquinone-Loaded Nanostructured Lipid Carrier (TQ-NLC) on Liver Cancer Cell Integrated with Hepatitis B Genome, Hep3B. <b>2018</b> , 2018, 1549805	17
160	Acute Noise Exposure Is Associated With Intrinsic Apoptosis in Murine Central Auditory Pathway. <b>2018</b> , 12, 312	11

### (2020-2018)

159	Thymoquinone induces apoptosis in bladder cancer cell via endoplasmic reticulum stress-dependent mitochondrial pathway. <i>Chemico-Biological Interactions</i> , <b>2018</b> , 292, 65-75	5	42
158	Anticancer activity of methylene blue via inhibition of heat shock protein 70. <b>2018</b> , 107, 1037-1045		13
157	Naloxone attenuates ischemic brain injury in rats through suppressing the NIK/IKK∄NF- <b>B</b> and neuronal apoptotic pathways. <b>2019</b> , 40, 170-179		14
156	Dietary grape pomace mediates jejunum epithelial apoptosis through antioxidative activity in ram lambs. <b>2019</b> , 18, 1058-1066		2
155	A Cell's Fate: An Overview of the Molecular Biology and Genetics of Apoptosis. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	61
154	Cytochrome c: An extreme multifunctional protein with a key role in cell fate. <b>2019</b> , 136, 1237-1246		72
153	Pramipexole prevents ischemic cell death via mitochondrial pathways in ischemic stroke. <b>2019</b> , 12,		21
152	MicroRNA Dysregulation in Cutaneous Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	50
151	The Role of the Antioxidant Response in Mitochondrial Dysfunction in Degenerative Diseases: Cross-Talk between Antioxidant Defense, Autophagy, and Apoptosis. <b>2019</b> , 2019, 6392763		61
150	Mitochondrial integrity in neurodegeneration. <b>2019</b> , 25, 825-836		31
149	In vitro and in vivo studies of antiosteosarcoma activities of formononetin. <b>2019</b> , 234, 17305-17313		7
148	c-FLIP, a Novel Biomarker for Cancer Prognosis, Immunosuppression, Alzheimer's Disease, Chronic Obstructive Pulmonary Disease (COPD), and a Rationale Therapeutic Target. <b>2019</b> , 5,		3
147	In silico approach to the analysis of SNPs in the human APAF1 gene. <b>2019</b> , 43, 371-381		1
146	Alien Domains Shaped the Modular Structure of Plant NLR Proteins. <b>2019</b> , 11, 3466-3477		12
145	Scutellarein selectively targets multiple myeloma cells by increasing mitochondrial superoxide production and activating intrinsic apoptosis pathway. <b>2019</b> , 109, 2109-2118		11
144	Comparing the effects of different cell death programs in tumor progression and immunotherapy. <b>2019</b> , 26, 115-129		46
143	Anticancer activity of a novel methylated analogue of L-mimosine against an in vitro model of human malignant melanoma. <b>2020</b> , 38, 621-633		3
142	Basic Principles of Pathology. <b>2020</b> , 1-37.e3		

141	Ischemic stroke and mitochondria: mechanisms and targets. <b>2020</b> , 257, 335-343		34
140	miR-187-5p/apaf-1 axis was involved in oxidative stress-mediated apoptosis caused by ammonia via mitochondrial pathway in chicken livers. <b>2020</b> , 388, 114869		36
139	Deciphering the Molecular Landscape of Cutaneous Squamous Cell Carcinoma for Better Diagnosis and Treatment. <b>2020</b> , 9,		11
138	The multifaceted role of TRAIL signaling in cancer and immunity. <b>2021</b> , 288, 5530-5554		8
137	Effects and Mechanism of Berberine on the Dexamethasone-Induced Injury of Human Tendon Cells. <b>2020</b> , 2020, 8832218		О
136	L. Plant Extracts and Dose-Dependent Activity of Natural Sesquiterpene Ferutinin: From Antioxidant Potential to Cytotoxic Effects. <i>Molecules</i> , <b>2020</b> , 25,	4.8	8
135	EMC6 regulates acinar apoptosis via APAF1 in acute and chronic pancreatitis. 2020, 11, 966		10
134	CircRNA8220 Sponges MiR-8516 to Regulate Cell Viability and Milk Synthesis via Ras/MEK/ERK and PI3K/AKT/mTOR Pathways in Goat Mammary Epithelial Cells. <b>2020</b> , 10,		2
133	Hollow Magnetic Nanocatalysts Drive Starvation-Chemodynamic-Hyperthermia Synergistic Therapy for Tumor. <b>2020</b> , 14, 9662-9674		41
132	Standardized Saponin Extract from Baiye No.1 Tea () Flowers Induced S Phase Cell Cycle Arrest and Apoptosis via AKT-MDM2-p53 Signaling Pathway in Ovarian Cancer Cells. <i>Molecules</i> , <b>2020</b> , 25,	4.8	9
131	Isoforsythiaside Attenuates Alzheimer's Disease via Regulating Mitochondrial Function Through the PI3K/AKT Pathway. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	9
130	The role of circular RNAs in therapy resistance of patients with solid tumors. <b>2020</b> , 17, 469-490		17
129	The caspase-3/GSDME signal pathway as a switch between apoptosis and pyroptosis in cancer. <b>2020</b> , 6, 112		79
128	Induces Apoptosis in Intestinal Epithelial Cells via Reactive Oxygen Species-Mediated Mitochondrial Pathway In Vitro. <b>2020</b> , 9,		9
127	Inhibition of NOX2 contributes to the therapeutic effect of aloin on traumatic brain injury. <b>2020</b> , 58, 265-274		O
126	Genetics of blood malignancies among Iranian population: an overview. <b>2020</b> , 15, 44		1
125	Regulation of Apoptosis by Enteroviruses. <b>2020</b> , 11, 1145		5
124	Dihydroartemisinin Induces Growth Arrest and Overcomes Dexamethasone Resistance in Multiple Myeloma. <b>2020</b> , 10, 767		12

123	Different roles of bortezomib and ONX 0914 in acute kidney injury. <b>2020</b> , 82, 106259		2
122	Counteracting role of nuclear factor erythroid 2-related factor 2 pathway in Alzheimer's disease. <b>2020</b> , 129, 110373		25
121	Exosomes derived from human umbilical cord MSCs rejuvenate aged MSCs and enhance their functions for myocardial repair. <b>2020</b> , 11, 273		11
120	Zinc oxide nanoparticles induce human tenon fibroblast apoptosis through reactive oxygen species and caspase signaling pathway. <b>2020</b> , 683, 108324		11
119	miR-125b lowers sensitivity to apoptosis following mitotic arrest: Implications for breast cancer therapy. <b>2020</b> , 235, 6335-6344		4
118	The TUSC2 Tumour Suppressor Inhibits the Malignant Phenotype of Human Thyroid Cancer Cells via SMAC/DIABLO Protein. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
117	Gene Prioritization in Parkinson's Disease Using Human Protein-Protein Interaction Network. <b>2020</b> , 27, 1610-1621		2
116	HSP90 and Co-chaperones: Impact on Tumor Progression and Prospects for Molecular-Targeted Cancer Therapy. <b>2020</b> , 38, 310-328		17
115	NOD1 and NOD2 Activation by Diverse Stimuli: a Possible Role for Sensing Pathogen-Induced Endoplasmic Reticulum Stress. <b>2020</b> , 88,		8
114	Delivery of CRISPR/Cas systems for cancer gene therapy and immunotherapy. <b>2021</b> , 168, 158-180		41
113	Long Non-coding RNA TALNEC2 Aggravates Cerebral Ischemia/Reperfusion Injury via Acting as a Competing Endogenous RNAs for miR-650 to Target Apoptotic Peptidase Activating Factor 1. <b>2021</b> , 458, 64-76		6
112	Apoptosis, autophagy and atherosclerosis: Relationships and the role of Hsp27. <b>2021</b> , 166, 105169		20
111	Letter to the Editor: "Protective effect of hydrogen sulde on experimental testicular ischemia reperfusion in rats" Gains and troubles of an experimental study. <b>2021</b> , 17, 132-133		
110	33-kDa ANXA3 isoform contributes to hepatocarcinogenesis modulating ERK, PI3K/Akt-HIF and intrinsic apoptosis pathways. <b>2021</b> , 30, 85-102		2
109	Mechanisms adopted by cancer cells to escape apoptosis∆ review. <b>2021</b> , 45, 863-884		4
108	PTB domain and leucine zipper motif 1 (APPL1) inhibits myocardial ischemia/hypoxia-reperfusion injury via inactivation of apoptotic protease activating factor-1 (APAF-1)/Caspase9 signaling pathway. <b>2021</b> , 12, 4385-4396		1
107	Functional profiles of Mllerian inhibiting substance/anti-Mllerian hormone (MIS/AMH) in primarily cultured endometrial cancer cells. <b>2021</b> , 12, 6289-6300		
106	Toxicant effects on mammalian oocyte mitochondria 2021, 104, 784-793		3

105	Transcriptome based analysis of apoptosis genes in chickens co-infected with avian infectious bronchitis virus and pathogenic. <b>2021</b> , 13, 17-22		1
104	A novel methylated analogue of L-Mimosine exerts its therapeutic potency through ROS production and ceramide-induced apoptosis in malignant melanoma. <b>2021</b> , 39, 971-986		1
103	Intrinsic atomic interaction at molecular proximal vicinity infer cellular biocompatibility of antibacterial nanopepper. <b>2021</b> , 16, 307-322		5
102	Downregulation of Candidate Gene Expression and Neuroprotection by Piperine in Streptozotocin-Induced Hyperglycemia and Memory Impairment in Rats. <b>2020</b> , 11, 595471		2
101	Calcium Hydroxide Increases Human Umbilical Cord Mesenchymal Stem Cells Expressions of Apoptotic Protease-Activating Factor-1, Caspase-3 and Caspase-9. <b>2021</b> , 13, 59-65		2
100	LCT-3d Induces Oxidative Stress-Mediated Apoptosis by Upregulating Death Receptor 5 in Gastric Cancer Cells. <b>2021</b> , 11, 658608		1
99	experimental study to investigate cytogenotoxicity of a contaminated estuary from Southeastern Brazilian Coast. <b>2021</b> , 56, 525-536		
98	Infection Alters lncRNA and mRNA Expression Profiles of Dog Bone Marrow. <b>2021</b> , 9, 688128		O
97	Effect of addition of salt on oxidant activity and apoptosis of Coilia nasus juveniles under air exposure stress. <b>2021</b> , 20, 100696		2
96	Adlay hull extracts attenuate hmyloid-induced neurotoxicity and oxidative stress in PC12 cells through antioxidative, anti-inflammatory, and antiapoptotic activities. <b>2021</b> , 26, 101020		O
95	Bioinspired artificial exosomes based on lipid nanoparticles carrying let-7b-5p promote angiogenesis in vitro and in vivo. <b>2021</b> , 29, 2239-2252		12
94	MUC1 is an oncoprotein with a significant role in apoptosis (Review). <b>2021</b> , 59,		6
93	Novel polysaccharide extracted from Sipunculus nudus inhibits HepG2 tumour growth in vivo by enhancing immune function and inducing tumour cell apoptosis. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 8338-8351	5.6	1
92	The Duality of Caspases in Cancer, as Told through the Fly. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	9
91	Apoptosome Formation through Disruption of the K192-D616 Salt Bridge in the Apaf-1 Closed Form. <b>2021</b> , 6, 22551-22558		2
90	Stiffness of the extracellular matrix affects apoptosis of nucleus pulposus cells by regulating the cytoskeleton and activating the TRPV2 channel protein. <b>2021</b> , 84, 110005		O
89	Cross-link between mitochondrial-dependent apoptosis and cell cycle checkpoint proteins after experimental torsion and detorsion in rats. <b>2021</b> , 795, 145793		1
88	A model for the regulation of apoptosis intrinsic pathway: The potential role of the transcriptional regulator E2F in the point of no return. <b>2021</b> , 525, 110765		1

### (2020-2021)

87	Prostaglandin A induces apoptosis in three cell lines derived from the fall armyworm, Spodoptera frugiperda. <b>2021</b> , 108, e21844	2
86	Contribution of Apaf-1 to the pathogenesis of cancer and neurodegenerative diseases. <i>Biochimie</i> , <b>2021</b> , 190, 91-110	3
85	Synergistic anticancer effect of docosahexaenoic acid and isoliquiritigenin on human colorectal cancer cells through ROS-mediated regulation of the JNK and cytochrome c release. <b>2021</b> , 48, 1171-1180	4
84	YC-1 induces G/G phase arrest and mitochondria-dependent apoptosis in cisplatin-resistant human oral cancer CAR cells. <b>2017</b> , 7, 12	51
83	Apaf1 plays a negative regulatory role in T cell responses by suppressing activation of antigen-stimulated T cells. <b>2018</b> , 13, e0195119	3
82	Pristimerin, a Naturally Occurring Triterpenoid, Exerts Potent Anticancer Effect in Colon Cancer Cells. <b>2018</b> , 24, 15-22	1
81	Resistance to drugs and cell death in cancer stem cells (CSCs) <b>2020</b> , 6,	3
80	A novel 3',5'-diprenylated chalcone induces concurrent apoptosis and GSDME-dependent pyroptosis through activating PKC/JJNK signal in prostate cancer. <b>2020</b> , 12, 9103-9124	7
79	Synthesis and Biological Evaluation of Structurally Diverse Benzimidazole Scaffolds as Potential Chemotherapeutic Agents. <b>2020</b> , 20, 301-314	2
78	Mitochondrial dysfunction and pancreatic islet tell failure (Review). <i>Experimental and Therapeutic Medicine</i> , <b>2020</b> , 20, 266	6
77	Topiramate as a neuroprotective agent in a rat model of spinal cord injury. 2017, 12, 2071-2076	3
76	anticancer activity extract nanoparticle on WiDr cells. <i>Journal of Advanced Pharmaceutical</i> Technology and Research, <b>2019</b> , 10, 149-154	6
75	Fusion of apoptosis-related protein Cytochrome c with anti-HER-2 single-chain antibody targets the suppression of HER-2+ breast cancer. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 10638-10649 <sup>5.6</sup>	3
74	Irisin Protects the Human Placenta from Oxidative Stress and Apoptosis via Activation of the Akt Signaling Pathway. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	1
73	Anagliptin alleviates lipopolysaccharide-induced inflammation, apoptosis and endothelial dysfunction of lung microvascular endothelial cells. <i>Experimental and Therapeutic Medicine</i> , <b>2021</b> , 22, 1472	2
72	The function of Scox in glial cells is essential for locomotive ability in Drosophila. <i>Scientific Reports</i> , 4-9	1
71	Fluorofenidone inhibits apoptosis of renal tubular epithelial cells in rats with renal interstitial fibrosis. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2019</b> , 52, e8772	6
70	Gonadotrophins modulate cell death-related genes expression in human endometrium. <i>Hormone Molecular Biology and Clinical Investigation</i> , <b>2020</b> , 41,	

69	A new discovery: Total Bupleurum saponin extracts can inhibit the proliferation and induce apoptosis of colon cancer cells by regulating the PI3K/Akt/mTOR pathway. <i>Journal of Ethnopharmacology</i> , <b>2022</b> , 283, 114742	5	1
68	Combinational treatments for breast cancer. Journal of Reports in Pharmaceutical Sciences, 2020, 9, 279	0.4	1
67	Toosendanin and isotoosendanin suppress triple-negative breast cancer growth via inducing necrosis, apoptosis and autophagy. <i>Chemico-Biological Interactions</i> , <b>2021</b> , 351, 109739	5	1
66	Potential Anti-Tumor Activity of Kefir-Induced Juglone and Resveratrol Fractions Against Ehrlich Ascites Carcinoma-Bearing BALB/C Mice. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2020</b> , 19, 358-369	1.1	
65	Acetaminophen-induced apoptosis: Facts versus fiction. <i>Journal of Clinical and Translational Research</i> , <b>2020</b> , 6, 36-47	1.1	3
64	Aquaporin 4 and brain-related disorders: Insights into its apoptosis roles. EXCLI Journal, 2021, 20, 983-9	9244	1
63	Over Fifty Years of Life, Death, and Cannibalism: A Historical Recollection of Apoptosis and Autophagy. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
62	Thymoquinone attenuates isoproterenol-induced myocardial infarction by inhibiting cytochrome C and matrix metalloproteinase-9 expression. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2021</b> ,	3	1
61	Apoptotic protease activating factor-1 gene and MicroRNA-484: A possible interplay in relapsing remitting multiple sclerosis <i>Multiple Sclerosis and Related Disorders</i> , <b>2022</b> , 58, 103502	4	O
60	Title of article: Mitochondrial repair as potential pharmacological target in cerebral ischemia <i>Mitochondrion</i> , <b>2022</b> ,	4.9	3
59	Semaphorin3A regulates mitochondrial apoptosis in RAW264.7 cells in vitro <i>Tissue and Cell</i> , <b>2021</b> , 75, 101711	2.7	0
58	Histone acetylome-wide associations in immune cells from individuals with active Mycobacterium tuberculosis infection <i>Nature Microbiology</i> , <b>2022</b> ,	26.6	O
57	Cardiac protection induced by urocortin-2 enables the regulation of apoptosis and fibrosis after ischemia and reperfusion involving miR-29a modulation <i>Molecular Therapy - Nucleic Acids</i> , <b>2022</b> , 27, 838-853	10.7	1
56	The concept of intrinsic versus extrinsic apoptosis <i>Biochemical Journal</i> , <b>2022</b> , 479, 357-384	3.8	4
55	Mitochondria-targeted drug delivery systems for the effective treatment of neurodegenerative disorders. <b>2022</b> , 129-150		
54	Anticancer and Apoptotic Activity in Cervical Adenocarcinoma HeLa Using Crude Extract of Ganoderma applanatum. <i>Current Issues in Molecular Biology</i> , <b>2022</b> , 44, 1012-1026	2.9	O
53	In-silico analysis identifies the anti-liver injury targets of diammonium glycyrrhizinate: validated in perfluorooctanoic acid-lesioned mouse model <i>Chemistry and Biodiversity</i> , <b>2022</b> ,	2.5	
52	Cytochrome c Interaction with Cardiolipin Plays a Key Role in Cell Apoptosis: Implications for Human Diseases. <i>Symmetry</i> , <b>2022</b> , 14, 767	2.7	1

51 Intrinsic apoptosis is evolutionary divergent among metazoans.

50	Natural Peptides Inducing Cancer Cell Death: Mechanisms and Properties of Specific Candidates for Cancer Therapeutics <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
49	Data_Sheet_1.docx. 2018,		
48	Over-expression of miR-193a-3p regulates the apoptosis of colorectal cancer cells by targeting PAK3 <i>American Journal of Translational Research (discontinued)</i> , <b>2022</b> , 14, 1361-1375	3	
47	Anticancer activity of four trinuclear cobalt complexes bearing bis(salicylidene)-1,3-propanediamine derivatives. <i>Journal of Inorganic Biochemistry</i> , <b>2022</b> , 111860	4.2	O
46	Effects of acute heat stress on liver damage, apoptosis and inflammation of pikeperch (Sander lucioperca). <i>Journal of Thermal Biology</i> , <b>2022</b> , 106, 103251	2.9	2
45	Neuronal Death Mechanisms and Therapeutic Strategy in Ischemic Stroke <i>Neuroscience Bulletin</i> , <b>2022</b> , 1	4.3	2
44	In-vivo and in vitro assessments of the radioprotective potential natural and chemical compounds: A review <i>International Journal of Radiation Biology</i> , <b>2022</b> , 1-22	2.9	
43	Heat shock proteins in tumor progression and metastasis. <b>2022</b> , 187-201		
42	VDAC1-based peptide as potential treatment for pathologies of the liver and pancreas. <i>Meditsinskiy Sovet</i> , <b>2022</b> , 92-97	0.4	
41	Carbon monoxide-releasing molecule-2 ameliorates postresuscitation myocardial dysfunction in rat via mitochondrial-mediated apoptosis pathway and the regulation of mitochondrial dynamics. <i>European Journal of Pharmacology</i> , <b>2022</b> , 175038	5.3	1
40	Brassinin inhibits proliferation and induces cell cycle arrest and apoptosis in nasopharyngeal cancer C666-1 cells. <i>Arabian Journal of Chemistry</i> , <b>2022</b> , 104018	5.9	Ο
39	BNIP3 Is Involved in Muscle Fiber Atrophy in Late-Onset Pompe Disease Patients. <i>American Journal of Pathology</i> , <b>2022</b> ,	5.8	О
38	USP53 plays an antitumor role in hepatocellular carcinoma through deubiquitination of cytochrome c. <i>Oncogenesis</i> , <b>2022</b> , 11,	6.6	1
37	Mitochondria-Targeted Degradable Nanocomposite Combined with Laser and Ultrasound for Synergistic Tumor Therapies. <i>Journal of Biomedical Nanotechnology</i> , <b>2022</b> , 18, 763-777	4	
36	The Use of Quinolizidine Derivatives of Coumarin in the Studies of the Mechanisms of Action of the Cytochrome ctardiolipin Complex. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , <b>2022</b> , 16, 158-166	0.7	
35	Pathogenic Mechanisms of Secondary Organic Aerosols. Chemical Research in Toxicology,	4	1
34	Mixotrophy in a Local Strain of Nannochloropsis Granulata for Renewable High-Value Biomass Production on the West Coast of Sweden. <i>Marine Drugs</i> , <b>2022</b> , 20, 424	6	

33	Calenduloside E alleviates cerebral ischemia/reperfusion injury by preserving mitochondrial function. <i>Journal of Molecular Histology</i> ,	3.3	О
32	Eleutheroside E functions as anti-cervical cancer drug by inhibiting the phosphatidylinositol 3-kinase pathway and reprogramming the metabolic responses. <i>Journal of Pharmacy and Pharmacology</i> ,	4.8	
31	In silico insight of cell-death-related proteins in photosynthetic cyanobacteria. <i>Archives of Microbiology</i> , <b>2022</b> , 204,	3	
30	Hepatopancreas toxicity and immunotoxicity of a fungicide, pyraclostrobin, on common carp. <b>2022</b> , 1094	145	
29	The molecular mechanisms of vulpinic acid induced programmed cell death in melanoma.		
28	Hydroxysafflor yellow B induces apoptosis via mitochondrial pathway in human gastric cancer cells.		
27	Hepatoprotective effect of morin against methotrexate-induced hepatotoxicity via targeting Nrf2/HO-1 and Bax/Bcl2/Caspase-3 signaling pathways.		
26	Untargeted Metabolomics Analysis of Crocus cancellatus subsp. damascenus (Herb.) B. Mathew Stigmas and Their Anticarcinogenic Effect on Breast Cancer Cells. <b>2022</b> , 2022, 1-15		1
25	Cruciferous vegetables as a treasure of functional foods bioactive compounds: Targeting p53 family in gastrointestinal tract and associated cancers. 9,		1
24	Proteomic profiling reveals neuronal ion channel dysregulation and cellular responses to DNA damage-induced cell cycle arrest and senescence in human neuroblastoma SH-SY5Y cells exposed to cypermethrin. <b>2022</b> , 93, 71-83		1
23	Research on the role of microRNA in neuron apoptosis. <b>2022</b> ,		0
22	The role of mitochondria in rheumatic diseases.		1
21	Regulation of mitochondrial dysfunction induced cell apoptosis is a potential therapeutic strategy for herbal medicine to treat neurodegenerative diseases. 13,		2
20	Cyt-C Mediated Mitochondrial Pathway Plays an Important Role in Oocyte Apoptosis in Ricefield Eel (Monopterus albus). <b>2022</b> , 23, 10555		O
19	Diverse transcriptomic response of cellular system following low-dose exposure of mesoporous nanoparticles.		0
18	Naturally derived indole alkaloids targeting regulated cell death (RCD) for cancer therapy: from molecular mechanisms to potential therapeutic targets. <b>2022</b> , 15,		4
17	Anticancer and Apoptotic Activity in Neuroblastoma SK-N-SH using Phospholipid Extract from Bone of Scomberomorus niphonius.		0
16	Apoptotic gene loss in Cnidaria is associated with transition to parasitism.		O

#### CITATION REPORT

15	p-Hydroxybenzyl Alcohol Antagonized the ROS-Dependent JNK/Jun/Caspase-3 Pathway to Produce Neuroprotection in a Cellular Model of Parkinson Disease. <b>2022</b> , 14, 5002	O
14	Six potential biomarkers for bladder cancer: key proteins in cell-cycle division and apoptosis pathways. <b>2022</b> , 34,	O
13	PLK1 protects intestinal barrier function during sepsis by targeting mitochondrial dynamics through TANK-NF- <b>B</b> signalling. <b>2022</b> , 28,	0
12	Conjugated linoleic acid strengthens the apoptotic effect of cisplatin in A549 cells. <b>2023</b> , 166, 106731	O
11	Exosomes derived from cancer-associated fibroblasts mediate response to cancer therapy. <b>2023</b> , 185, 103967	O
10	High aspect ratio plasmonic Au/Ag nanorods-mediated NIR-II photothermally enhanced nanozyme catalytic cancer therapy. <b>2023</b> , 223, 113168	O
9	Hydrogel-mediated drug delivery for treating stroke. <b>2023</b> , 108205	O
8	Chemoproteomic Profiling Reveals that Anti-Cancer Natural Product Dankastatin B Covalently Targets Mitochondrial VDAC3.	O
7	Morin ameliorates methotrexate-induced hepatotoxicity via targeting Nrf2/HO-1 and Bax/Bcl2/Caspase-3 signaling pathways. <b>2023</b> , 50, 3479-3488	O
6	Indole-3-carbinol induces apoptosis in AGS cancer cells via mitochondrial pathway.	O
5	Exploration and identification of anoikis-related genes in polycythemia vera. 14,	O
4	Designing Effective Multi-Target Drugs and Identifying Biomarkers in Recurrent Pregnancy Loss (RPL) Using In Vivo, In Vitro, and In Silico Approaches. <b>2023</b> , 11, 879	O
3	Detection of Lack of Function Mutation of p.Q879X Affecting Abortion in APAF1 Gene in Holstein Cattle. <b>2021</b> , 12, 146-156	O
2	Apoptotic proteins with non-apoptotic activity: expression and function in cancer.	O
1	Upregulation of APAF1 and CSF1R in Peripheral Blood Mononuclear Cells of Parkinson⊠ Disease. <b>2023</b> , 24, 7095	0