

# CITATION REPORT

List of articles citing

## Role of apoptosis in disease

DOI: 10.18632/aging.100459

Aging, 2012, 4, 330-49.

**Source:** <https://exaly.com/paper-pdf/54064957/citation-report.pdf>

**Version:** 2024-04-25

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

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

#	Paper	IF	Citations
398	Apoptosis (Programed Cell Death) Studied by Fluorescence Spectroscopy. <b>2000</b> , 1-15		
397	Effects of aspirin on mesenteric lymph nodes of rabbits as basis for its use on lymph nodes metastases. <b>2012</b> , 27, 795-801		2
396	Optical control and study of biological processes at the single-cell level in a live organism. <b>2013</b> , 76, 072601		12
395	Targeting caspases in cancer therapeutics. <b>2013</b> , 394, 831-43		109
394	Proteases: Structure and Function. <b>2013</b> ,		25
393	Mitochondria-targeting oxidovanadium(IV) complex as a near-IR light photocytotoxic agent. <b>2013</b> , 19, 17445-55		38
392	Decreased levels of proapoptotic factors and increased key regulators of mitochondrial biogenesis constitute new potential beneficial features of long-lived growth hormone receptor gene-disrupted mice. <b>2013</b> , 68, 639-51		10
391	siRNA-mediated knock-down of DFF45 amplifies doxorubicin therapeutic effects in breast cancer cells. <b>2013</b> , 36, 515-26		5
390	A novel dRYBP-SCF complex functions to inhibit apoptosis in Drosophila. <b>2013</b> , 18, 1500-12		8
389	The CASP8 -652 6N insertion/deletion promoter polymorphism is associated with renal cell carcinoma risk and metastasis. <b>2013</b> , 190, 717-22		17
388	Edelfosine lipid nanosystems overcome drug resistance in leukemic cell lines. <b>2013</b> , 334, 302-10		11
387	Naringin inhibits growth potential of human triple-negative breast cancer cells by targeting Eatenin signaling pathway. <b>2013</b> , 220, 219-28		71
386	Protective role of AQP3 in UVA-induced NHSFs apoptosis via Bcl2 up-regulation. <b>2013</b> , 305, 397-406		22
385	Pathogenesis of preeclampsia: Implications of apoptotic markers and oxidative stress. <b>2013</b> , 32, 1170-8		31
384	Effects of aging on apoptosis gene expression in oral mucosal tissues. <b>2013</b> , 18, 249-59		28
383	Lengthening the intersubunit linker of procaspase 3 leads to constitutive activation. <b>2013</b> , 52, 6219-31		12
382	Tuberous sclerosis protein 2 (TSC2) modulates CCN4 cytoprotection during apoptotic amyloid toxicity in microglia. <b>2013</b> , 10, 29-38		39

381	Ceragenin CSA-13 induces cell cycle arrest and antiproliferative effects in wild-type and p53 null mutant HCT116 colon cancer cells. <b>2013</b> , 24, 826-34	21
380	Effects of aging and exercise training on apoptosis in the heart. <b>2013</b> , 9, 212-9	54
379	Hypoxia preconditioning increases survival and decreases expression of Toll-like receptor 4 in pulmonary artery endothelial cells exposed to lipopolysaccharide. <b>2013</b> , 3, 578-88	13
378	Apoptotic cells can induce non-autonomous apoptosis through the TNF pathway. <b>2013</b> , 2, e01004	91
377	Effects of <i>Ixeris Chinensis</i> (Thunb.) Nakai boiling water extract on hepatitis B viral activity and hepatocellular carcinoma. <b>2014</b> , 11, 187-93	2
376	Apoptosis deregulation in myeloproliferative neoplasms. <b>2013</b> , 11, 540-4	12
375	Potentially functional polymorphisms in the CASP7 gene contribute to gastric adenocarcinoma susceptibility in an eastern Chinese population. <b>2013</b> , 8, e74041	9
374	Understanding the role of heat shock protein isoforms in male fertility, aging and apoptosis. <b>2014</b> , 32, 123-32	37
373	Specific targeting of human caspases using designed ankyrin repeat proteins. <b>2014</b> , 395, 1243-52	7
372	Apoptosis. <b>2014</b> , 287-294	1
371	Isolinderactone inhibits proliferation of A549 human non-small cell lung cancer cells by arresting the cell cycle at the G0/G1 phase and inducing a Fas receptor and soluble Fas ligand-mediated apoptotic pathway. <b>2014</b> , 9, 1653-9	13
370	Activated protein C and its potential applications in prevention of islet $\beta$ cell damage and diabetes. <b>2014</b> , 95, 323-63	9
369	The role of alpha tocopheryl succinate (ATOS) as a potential anticancer agent. <b>2014</b> , 66, 167-76	36
368	Studies on Periodontal Disease. <b>2014</b> ,	
367	Human immunodeficiency virus-1 (HIV-1)-mediated apoptosis: new therapeutic targets. <b>2014</b> , 6, 3181-227	18
366	Effects of resveratrol on apoptosis in a rat model of vascular dementia. <b>2014</b> , 7, 843-848	24
365	The regulatory T cell effector soluble fibrinogen-like protein 2 induces tubular epithelial cell apoptosis in renal transplantation. <b>2014</b> , 239, 193-201	14
364	Specific growth suppression of human cancer cells by targeted delivery of Dictyostelium mitochondrial ribosomal protein S4. <b>2014</b> , 14, 56	5

363	Bacterial secreted effectors and caspase-3 interactions. <b>2014</b> , 16, 1746-56	34
362	Partial characterization of proapoptotic action of biliary deteriorated lipids on biliary epithelial cells in pancreaticobiliary diseases. <b>2014</b> , 21, 212-8	4
361	Regulation and dysregulation of tumor necrosis factor receptor-1. <b>2014</b> , 25, 285-300	56
360	[Interaction of anesthetics and analgesics with tumor cells]. <b>2014</b> , 63, 313-25	4
359	Hsa-miR-132 regulates apoptosis in non-small cell lung cancer independent of acetylcholinesterase. <b>2014</b> , 53, 335-44	24
358	Cell-death assessment by fluorescent and nonfluorescent cytosolic and nuclear staining techniques. <b>2014</b> , 255, 7-19	138
357	Inhibition of annexin A7 gene and protein induces the apoptosis and decreases the invasion, migration of the hepatocarcinoma cell line. <b>2014</b> , 68, 819-24	13
356	Computational analysis of 3'UTR region of CASP3 with respect to miRSNPs and SNPs in targetting miRNAs. <b>2014</b> , 53PB, 235-241	5
355	Angiogenin-cleaved tRNA halves interact with cytochrome c, protecting cells from apoptosis during osmotic stress. <b>2014</b> , 34, 2450-63	172
354	Synthesis, in vitro cytotoxicity and apoptosis inducing study of 2-aryl-3-nitro-2H-chromene derivatives as potent anti-breast cancer agents. <b>2014</b> , 86, 562-9	75
353	Involvement of chromosome region maintenance 1 (CRM1) in the formation and progression of esophageal squamous cell carcinoma. <b>2014</b> , 31, 155	8
352	p53-dependent Fas expression is critical for Ginsenoside Rh2 triggered caspase-8 activation in HeLa cells. <b>2014</b> , 5, 224-34	36
351	Increased peripheral and local soluble FGL2 in the recovery of renal ischemia reperfusion injury in a porcine kidney auto-transplantation model. <b>2014</b> , 12, 53	10
350	Lysophosphatidic acid rescues human dental pulp cells from ischemia-induced apoptosis. <b>2014</b> , 40, 217-22	15
349	Exenatide protects against hypoxia/reoxygenation-induced apoptosis by improving mitochondrial function in H9c2 cells. <b>2014</b> , 239, 414-22	40
348	Relationship of mismatch repair proteins and survivin in colon polyps and carcinomas. <b>2014</b> , 116, 1007-14	7
347	Electrochemical approach for the development of a simple method for detecting cell apoptosis based on caspase-3 activity. <b>2014</b> , 86, 4723-8	53
346	Polymorphisms of the apoptosis-related FAS and FAS ligand genes in keratoconus and Fuchs endothelial corneal dystrophy. <b>2014</b> , 234, 17-27	10

345	Emetine enhances the tumor necrosis factor-related apoptosis-inducing ligand-induced apoptosis of pancreatic cancer cells by downregulation of myeloid cell leukemia sequence-1 protein. <b>2014</b> , 31, 456-62	21
344	Elemeene reverses the drug resistance of lung cancer A549/DDP cells via the mitochondrial apoptosis pathway. <b>2014</b> , 31, 2131-8	37
343	ZGDHu-1 induces G <sub>2</sub> M phase arrest and apoptosis in Kasumi-1 cells. <b>2015</b> , 11, 3398-404	8
342	Spiroquinazolinone-induced cytotoxicity and apoptosis in K562 human leukemia cells: alteration in expression levels of Bcl-2 and Bax. <b>2015</b> , 40, 115-26	33
341	Inhibition of apoptosis in HeLa cell by silkworm storage protein 1, SP1. <b>2015</b> , 20, 807-813	14
340	FAS Gene Copy Numbers are Associated with Susceptibility to Behçet Disease and VKH Syndrome in Han Chinese. <b>2015</b> , 36, 1064-9	13
339	Reactive oxygen species, apoptosis, antimicrobial peptides and human inflammatory diseases. <b>2015</b> , 8, 151-75	79
338	Chitosan/siRNA nanoparticles targeting cyclooxygenase type 2 attenuate unilateral ureteral obstruction-induced kidney injury in mice. <b>2015</b> , 5, 110-23	52
337	FoxO proteins in the nervous system. <b>2015</b> , 2015, 569392	53
336	New Insights for Oxidative Stress and Diabetes Mellitus. <b>2015</b> , 2015, 875961	137
335	Inhibition of Apoptosis and Efficacy of Pan Caspase Inhibitor, Q-VD-OPh, in Models of Human Disease. <b>2015</b> , 8, 1-7	32
334	Novel applications of trophic factors, Wnt and WISP for neuronal repair and regeneration in metabolic disease. <b>2015</b> , 10, 518-28	57
333	Mitochondrial dynamics in the mouse liver infected by Schistosoma mansoni. <b>2015</b> , 148, 13-23	10
332	Down-regulated expression of Annexin A7 induces apoptosis in mouse hepatocarcinoma cell line by the intrinsic mitochondrial pathway. <b>2015</b> , 70, 146-50	13
331	Die for the community: an overview of programmed cell death in bacteria. <b>2015</b> , 6, e1609	113
330	Carnosic acid attenuates apoptosis induced by amyloid- $\beta$ 1-42 or 1-43 in SH-SY5Y human neuroblastoma cells. <b>2015</b> , 94, 1-9	36
329	Contribution of apoptosis in myocardial reperfusion injury and loss of cardioprotection in diabetes mellitus. <b>2015</b> , 65, 201-15	46
328	Effects of resveratrol on benign prostatic hyperplasia by the regulation of inflammatory and apoptotic proteins. <b>2015</b> , 78, 689-94	18

327	Design, synthesis and antiproliferative activity of novel heterobivalent hybrids based on imidazo[2,1-b][1,3,4]thiadiazole and imidazo[2,1-b][1,3]thiazole scaffolds. <b>2015</b> , 101, 205-17	41
326	The dual role of a yeast metacaspase: What doesn't kill you makes you stronger. <b>2015</b> , 37, 525-31	25
325	Effects of ropivacaine, bupivacaine and sufentanil in colon and pancreatic cancer cells in vitro. <b>2015</b> , 95-96, 126-31	31
324	Incomplete clearance of apoptotic cells in systemic lupus erythematosus: pathogenic role and potential biomarker. <b>2015</b> , 18, 294-303	24
323	Ultrastructural and X-ray microanalysis of U-937 cells in hypertonia-induced apoptosis. <b>2015</b> , 9, 96-109	2
322	Sensitive cell apoptosis assay based on caspase-3 activity detection with graphene oxide-assisted electrochemical signal amplification. <b>2015</b> , 68, 777-782	51
321	Novel patented therapeutic approaches targeting the 37/67 kDa laminin receptor for treatment of cancer and Alzheimer's disease. <b>2015</b> , 25, 567-82	26
320	Androstane derivatives induce apoptotic death in MDA-MB-231 breast cancer cells. <b>2015</b> , 23, 7189-98	16
319	Cytochrome c oxidase deficiency accelerates mitochondrial apoptosis by activating ceramide synthase 6. <b>2015</b> , 6, e1691	46
318	The Many Virtues of tRNA-derived Stress-induced RNAs (tiRNAs): Discovering Novel Mechanisms of Stress Response and Effect on Human Health. <b>2015</b> , 290, 29761-8	57
317	Spreading the word: non-autonomous effects of apoptosis during development, regeneration and disease. <b>2015</b> , 142, 3253-62	75
316	Preclinical Kinetic Analysis of the Caspase-3/7 PET Tracer 18F-C-SNAT: Quantifying the Changes in Blood Flow and Tumor Retention After Chemotherapy. <b>2015</b> , 56, 1415-21	41
315	Synopsis on the linkage of Alzheimer's and Parkinson's disease with chronic diseases. <b>2015</b> , 21, 1-7	23
314	Global protein profiling studies of chikungunya virus infection identify different proteins but common biological processes. <b>2015</b> , 25, 3-18	7
313	A novel bicistronic sensor vector for detecting caspase-3 activation. <b>2015</b> , 72, 11-8	7
312	A polysaccharide from Polygonatum sibiricum attenuates amyloid- $\beta$ -induced neurotoxicity in PC12 cells. <b>2015</b> , 117, 879-886	52
311	Cell death controlling complexes and their potential therapeutic role. <b>2015</b> , 72, 505-517	27
310	Commentary: Participation of Sox-1 Expression and Signaling of $\beta$ Catenin in the Pathophysiology of Generalized Seizures in Cerebellum of Rat. <b>2016</b> , 15, 3-6	3

309	Hallmarks of glioblastoma: a systematic review. <b>2016</b> , 1, e000144	77
308	Knockdown of ribosomal protein S15A induces human glioblastoma cell apoptosis. <b>2016</b> , 14, 129	13
307	Swimming training affects apoptosis-related microRNAs and reduces cardiac apoptosis in mice. <b>2016</b> , 35, 443-450	13
306	Regeneration in the nervous system with erythropoietin. <b>2016</b> , 21, 561-596	30
305	Ameliorative Effects of Curcumin on Fibrinogen-Like Protein-2 Gene Expression, Some Oxido-Inflammatory and Apoptotic Markers in a Rat Model of l-Arginine-Induced Acute Pancreatitis. <b>2016</b> , 30, 302-8	10
304	The concept of photochemical enzyme models [State of the art. <b>2016</b> , 325, 102-115	12
303	Nuclear translocation of nuclear factor kappa B is regulated by G protein signaling pathway in arsenite-induced apoptosis in HBE cell line. <b>2016</b> , 31, 1819-1833	9
302	Assesment of apoptosis induced changes in scattering using optical coherence tomography. <b>2016</b> , 9, 913-23	6
301	Cardioprotective effects of traditional Chinese medicine Guanmaitong on acute myocardial infarction. <b>2016</b> , 12, 3927-3933	4
300	Increased oxidative stress and apoptosis in the hypothalamus of diabetic male mice in the insulin receptor substrate-2 knockout model. <b>2016</b> , 9, 573-83	14
299	A HSP60-targeting peptide for cell apoptosis imaging. <b>2016</b> , 5, e201	11
298	Apoptosis. <b>2016</b> , 327-334	
297	Functional role of metalloproteins in genome stability. <b>2016</b> , 11, 119-131	4
296	Antibody-Based Proteomic Analysis of Apoptosis Signaling. <b>2016</b> , 163-178	3
295	Early apoptosis real-time detection by label-free SERS based on externalized phosphatidylserine. <b>2016</b> , 141, 4293-8	21
294	47kDa isoform of Annexin A7 affecting the apoptosis of mouse hepatocarcinoma cells line. <b>2016</b> , 83, 1127-1131	8
293	Octyl Ester of Ginsenoside Rh2 Induces Apoptosis and G1 Cell Cycle Arrest in Human HepG2 Cells by Activating the Extrinsic Apoptotic Pathway and Modulating the Akt/p38 MAPK Signaling Pathway. <b>2016</b> , 64, 7520-7529	17
292	Evaluation of the cytotoxic, apoptosis inducing activity and molecular docking of spiroquinazolinone benzamide derivatives in MCF-7 breast cancer cells. <b>2016</b> , 260, 232-242	24

291	Single-Photon Emission Computed Tomography/Computed Tomography Imaging in a Rabbit Model of Emphysema Reveals Ongoing Apoptosis In Vivo. <b>2016</b> , 55, 848-857	3
290	Protein-protein interaction inhibitors: advances in anticancer drug design. <b>2016</b> , 11, 957-68	16
289	Thrombospondin-1 Mimetic Agonist Peptides Induce Selective Death in Tumor Cells: Design, Synthesis, and Structure-Activity Relationship Studies. <b>2016</b> , 59, 8412-21	15
288	Electrochemical Methods for the Analysis of Clinically Relevant Biomolecules. <b>2016</b> , 116, 9001-90	510
287	The level of cytokines and expression of caspase genes in rheumatoid arthritis. <b>2016</b> , 468, 226-8	6
286	Eyeing the brain. <b>2016</b> , 132, 765-766	8
285	Multifunctional Gold Nanoclusters-Based Nanosurface Energy Transfer Probe for Real-Time Monitoring of Cell Apoptosis and Self-Evaluating of Pro-Apoptotic Theranostics. <b>2016</b> , 88, 11184-11192	34
284	Metabotropic glutamate receptor 3 is involved in B-cell-related tumor apoptosis. <b>2016</b> , 49, 1469-78	13
283	Mutations in CRADD Result in Reduced Caspase-2-Mediated Neuronal Apoptosis and Cause Megalencephaly with a Rare Lissencephaly Variant. <b>2016</b> , 99, 1117-1129	35
282	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. <b>2016</b> , 195, 62-71	12
281	T-cell development of resistance to apoptosis is driven by a metabolic shift in carbon source and altered activation of death pathways. <b>2016</b> , 23, 889-902	3
280	Kv5, Kv6, Kv8, and Kv9 subunits: No simple silent bystanders. <b>2016</b> , 147, 105-25	36
279	Goniothalamine induces cell cycle arrest and apoptosis in H400 human oral squamous cell carcinoma: A caspase-dependent mitochondrial-mediated pathway with downregulation of NF- $\kappa$ B. <b>2016</b> , 64, 28-38	15
278	Associations of Plasma Phospholipid SFAs with Total and Cause-Specific Mortality in Older Adults Differ According to SFA Chain Length. <b>2016</b> , 146, 298-305	18
277	Arsenite-induced endoplasmic reticulum-dependent apoptosis through disturbance of calcium homeostasis in HBE cell line. <b>2017</b> , 32, 197-216	13
276	The Life and Death of a Plant Cell. <b>2017</b> , 68, 375-404	72
275	TMBIM-mediated Ca homeostasis and cell death. <b>2017</b> , 1864, 850-857	24
274	Raman Spectroscopy Reveals Selective Interactions of Cytochrome c with Cardiolipin That Correlate with Membrane Permeability. <b>2017</b> , 139, 3851-3860	34



273	Kimchi methanol extracts attenuate hepatic steatosis induced by high cholesterol diet in low-density lipoprotein receptor knockout mice through inhibition of endoplasmic reticulum stress. <b>2017</b> , 32, 218-225	11
272	Discovery of Highly Potent 2-Sulfonyl-Pyrimidinyl Derivatives for Apoptosis Inhibition and Ischemia Treatment. <b>2017</b> , 8, 407-412	14
271	Redox dynamics of manganese as a mitochondrial life-death switch. <b>2017</b> , 482, 388-398	75
270	The mitochondria-endoplasmic reticulum contact sites: a signalling platform for cell death. <b>2017</b> , 47, 52-63	60
269	Ginsenoside Rh2 and Rg3 inhibit cell proliferation and induce apoptosis by increasing mitochondrial reactive oxygen species in human leukemia Jurkat cells. <b>2017</b> , 15, 3591-3598	28
268	Quantitative phosphoproteome analysis of cisplatin-induced apoptosis in Jurkat T cells. <b>2017</b> , 17, 1600470	6
267	Mitochondria in chronic obstructive pulmonary disease and lung cancer: where are we now?. <b>2017</b> , 11, 475-489	21
266	Peptide-fluorophore/AuNP conjugate-based two-photon excited fluorescent nanosensor for caspase-3 activity imaging assay in living cells and tissue. <b>2017</b> , 8, 1435-1439	5
265	Ultrastructural analysis of human leukemia U-937 cells after apoptosis induction: Localization of proteasomes and perichromatin fibers. <b>2017</b> , 119, 471-480	3
264	An enhanced bioluminescence-based Annexin V probe for apoptosis detection in vitro and in vivo. <b>2017</b> , 8, e2826	20
263	The toxic mode of action of cyclic lipodepsipeptide fusaricidins, produced by <i>Paenibacillus polymyxa</i> , toward mammalian cells. <b>2017</b> , 123, 436-449	14
262	Role of apoptosis in the development of autosomal dominant polycystic kidney disease (ADPKD). <b>2017</b> , 369, 27-39	12
261	Label-Free and Homogenous Detection of Caspase-3-Like Proteases by Disrupting Homodimerization-Directed Bipartite Tetracysteine Display. <b>2017</b> , 89, 4055-4061	24
260	Amperometric Detection of Apoptosis by using p-Methoxyaniline-Conjugated Substrate for Caspase-3. <b>2017</b> , 4, 941-946	5
259	Curcumin inhibits growth potential by G1 cell cycle arrest and induces apoptosis in p53-mutated COLO 320DM human colon adenocarcinoma cells. <b>2017</b> , 86, 373-380	41
258	Modulation of reactive oxygen species production, apoptosis and cell cycle in pleural exudate cells of carrageenan-induced acute inflammation in rats by rutin. <b>2017</b> , 8, 4459-4468	9
257	Reassessing apoptosis in plants. <b>2017</b> , 3, 773-779	47
256	Paeoniflorin targets apoptosis and ameliorates fibrosis in murine schistosomiasis mansoni: A novel insight. <b>2017</b> , 183, 23-32	11

255	Modulation of mitochondrial dysfunction and endoplasmic reticulum stress are key mechanisms for the wide-ranging actions of epoxy fatty acids and soluble epoxide hydrolase inhibitors. <b>2017</b> , 133, 68-78	43
254	<i>Burkea africana</i> Hook (Caesalpiniaceae) ethanolic extract causes cell cycle arrest at M phase and induces caspase dependent apoptosis. <b>2017</b> , 112, 361-367	7
253	Apoptosis inhibition of Atlantic salmon ( <i>Salmo salar</i> ) peritoneal macrophages by <i>Piscirickettsia salmonis</i> . <b>2017</b> , 40, 1895-1902	7
252	<i>Drosophila</i> SCE/dRING E3-ligase inhibits apoptosis in a Dp53 dependent manner. <b>2017</b> , 429, 81-91	3
251	A molecular signature for anastasis, recovery from the brink of apoptotic cell death. <b>2017</b> , 216, 3355-3368	62
250	Synthesis and biological evaluation of novel imidazopyrimidin-3-amines as anticancer agents. <b>2017</b> , 89, 797-805	9
249	Mcl-1 inhibitors: a patent review. <b>2017</b> , 27, 163-178	27
248	Grhl3 modulates epithelial structure formation of the circumvallate papilla during mouse development. <b>2017</b> , 147, 5-16	16
247	Acidic stress induced G1 cell cycle arrest and intrinsic apoptotic pathway in Jurkat T-lymphocytes. <b>2017</b> , 350, 140-146	4
246	Targeting the apoptotic Mcl-1-PUMA interface with a dual-acting compound. <b>2017</b> , 8, 54236-54242	13
245	Caspase-3 expression in tumorigenesis and prognosis of buccal mucosa squamous cell carcinoma. <b>2017</b> , 8, 84237-84247	15
244	<i>Gardenia jasminoides</i> has therapeutic effects on L-NNA-induced hypertension in vivo. <b>2017</b> , 15, 4360-4373	16
243	Implication of Apoptosis for the Pathogenesis of Infection. <b>2017</b> , 8, 518	17
242	TNF- Induced the Enhanced Apoptosis of Mesenchymal Stem Cells in Ankylosing Spondylitis by Overexpressing TRAIL-R2. <b>2017</b> , 2017, 4521324	7
241	TWEAK/Fn14 Activation Participates in Skin Inflammation. <b>2017</b> , 2017, 6746870	24
240	An inhibitory mono-ubiquitylation of the <i>Drosophila</i> initiator caspase Dronc functions in both apoptotic and non-apoptotic pathways. <b>2017</b> , 13, e1006438	22
239	Effect of retinoid X receptor- $\beta$ nuclear export inhibition on apoptosis of neurons in vivo and in vitro. <b>2017</b> , 16, 2037-2044	3
238	Calcitonin gene-related peptide reduces <i>Porphyromonas gingivalis</i> LPS-induced TNF- $\beta$ release and apoptosis in osteoblasts. <b>2018</b> , 17, 3246-3254	11

237	Non-immunoglobulin scaffold proteins: Precision tools for studying protein-protein interactions in cancer. <b>2018</b> , 45, 28-35	13
236	Bcl2 regulates store-operated Ca entry to modulate ER stress-induced apoptosis. <b>2018</b> , 4, 37	25
235	Sensitive and selective determination of caspase-3 based on calixarene functionalized reduction of graphene oxide assisted signal amplification. <b>2018</b> , 267, 357-365	14
234	Synthesis and biological evaluation of alpha-bromoacryloylamido indolyl pyridinyl propenones as potent apoptotic inducers in human leukaemia cells. <b>2018</b> , 33, 727-742	5
233	Antiviral potential of curcumin. <b>2018</b> , 40, 692-699	117
232	New limits of sensitivity of site-directed spin labeling electron paramagnetic resonance for membrane proteins. <b>2018</b> , 1860, 841-853	23
231	Curcumin induces apoptosis and cell cycle arrest via the activation of reactive oxygen species-independent mitochondrial apoptotic pathway in Smad4 and p53 mutated colon adenocarcinoma HT29 cells. <b>2018</b> , 51, 67-81	65
230	GRGM-13 comprising 13 plant and animal products, inhibited oxidative stress induced apoptosis in retinal ganglion cells by inhibiting P2RX7/p38 MAPK signaling pathway. <b>2018</b> , 101, 494-500	9
229	Caspase inhibitors: a review of recently patented compounds (2013-2015). <b>2018</b> , 28, 47-59	30
228	The critical role of autophagy in cadmium-induced immunosuppression regulated by endoplasmic reticulum stress-mediated calpain activation in RAW264.7 mouse monocytes. <b>2018</b> , 393, 15-25	27
227	Autophagy activation is required for influenza A virus-induced apoptosis and replication. <b>2018</b> , 1865, 364-378	56
226	Inhibitory effect of Gypsophila oldhamiana gypsogenin on NCI-N87 gastric cancer cell line. <b>2018</b> , 16, 205873921881895	
225	Synthetic Fragments of Receptor for Advanced Glycation End Products Bind Beta-Amyloid 1-40 and Protect Primary Brain Cells From Beta-Amyloid Toxicity. <b>2018</b> , 12, 681	8
224	Protective role of propofol in endometriosis and its mechanism. <b>2018</b> , 16, 3646-3650	3
223	Environmental pollution and toxic substances: Cellular apoptosis as a key parameter in a sensible model like fish. <b>2018</b> , 204, 144-159	36
222	PpV, acting via the JNK pathway, represses apoptosis during normal development of Drosophila wing. <b>2018</b> , 23, 554-562	7
221	Caspase-3 Substrates for Noninvasive Pharmacodynamic Imaging of Apoptosis by PET/CT. <b>2018</b> , 29, 3180-3195	15
220	Maxwell's demon at work: Mitochondria, the organelles that convert information into energy?. <b>2018</b> , 4, 135-138	3

219	Computational Methods Applicable to the Discovery of Small-Molecule Inhibitors of Protein-Protein Interactions. <b>2018</b> , 73-94	
218	The independence of and associations among apoptosis, autophagy, and necrosis. <b>2018</b> , 3, 18	152
217	Clinical correlation of apoptosis in human granulosa cells-A review. <b>2018</b> , 42, 1276-1281	25
216	Understanding the Unfolded Protein Response in the Pathogenesis of Asthma. <b>2018</b> , 9, 175	29
215	Ethnopharmacological Approaches for Dementia Therapy and Significance of Natural Products and Herbal Drugs. <b>2018</b> , 10, 3	56
214	Pyramiding of nine transgenes in maize generates high-level resistance against necrotrophic maize pathogens. <b>2018</b> , 131, 2145-2156	12
213	Molecular Mechanisms of Melatonin Protection from Gastric Mucosal Apoptotic Injury in Experimental Burns. <b>2018</b> , 23,	5
212	Should We Keep Walking along the Trail for Pancreatic Cancer Treatment? Revisiting TNF-Related Apoptosis-Inducing Ligand for Anticancer Therapy. <b>2018</b> , 10,	21
211	Circulating miR-127-3p as a Potential Biomarker for Differential Diagnosis in Frontotemporal Dementia. <b>2018</b> , 65, 455-464	23
210	Effect of treatment with xanthohumol on cardiological alterations secondary to ageing. <b>2018</b> , 49, 44-51	3
209	Polyphenols: Major regulators of key components of DNA damage response in cancer. <b>2019</b> , 82, 102679	26
208	Cancer Metabolism and the Evasion of Apoptotic Cell Death. <b>2019</b> , 11,	50
207	Molecular mechanisms of natural compounds in cell death induction and sensitization to chemotherapeutic drugs in lung cancer. <b>2019</b> , 33, 2531-2547	17
206	Current Progress of Research on Neurodegenerative Diseases of Salvianolic Acid B. <b>2019</b> , 2019, 3281260	12
205	Antrodia cinnamomea Enhances Chemo-Sensitivity of 5-FU and Suppresses Colon Tumorigenesis and Cancer Stemness via Up-Regulation of Tumor Suppressor miR-142-3p. <b>2019</b> , 9,	13
204	Reversal effect of ginsenoside Rh2 on oxaliplatin-resistant colon cancer cells and its mechanism. <b>2019</b> , 18, 630-636	8
203	Nucleoporin 62-Like Protein is Required for the Development of Pharyngeal Arches through Regulation of Wnt/ $\beta$ Catenin Signaling and Apoptotic Homeostasis in Zebrafish. <b>2019</b> , 8,	2
202	Role of some members of chemokine/cytokine network in the pathogenesis of thalassemia and sickle cell hemoglobinopathies: a mini review. <b>2019</b> , 8, 21	11

201	N-Palmitoylethanolamine-oxazoline (PEA-OXA): A new therapeutic strategy to reduce neuroinflammation, oxidative stress associated to vascular dementia in an experimental model of repeated bilateral common carotid arteries occlusion. <b>2019</b> , 125, 77-91	27
200	Fe <sup>1</sup> S/nitrogen and sulfur Co-doped carbon composite derived from a nanosized metal-organic framework for high-performance lithium-ion batteries. <b>2019</b> , 6, 50-56	18
199	The anti-apoptotic proteins NAF-1 and iASPP interact to drive apoptosis in cancer cells. <b>2019</b> , 10, 665-673	7
198	A molecular survey of programmed cell death in rainbow trout: Structural and functional specifications of apoptotic key molecules. <b>2019</b> , 230, 57-69	5
197	Differential Expression of Apoptotic and Low-Grade Inflammatory Markers in Alzheimer Disease Compared to Diabetes Mellitus Type 1 and 2. <b>2019</b> , 3, 1003-1013	3
196	Elucidating the role of an immunomodulatory protein in cancer: From protein expression to functional characterization. <b>2019</b> , 629, 307-360	3
195	Mature osteoclast-derived apoptotic bodies promote osteogenic differentiation via RANKL-mediated reverse signaling. <b>2019</b> , 294, 11240-11247	25
194	Prediction of genes and protein-protein interaction networking for miR-221-5p using bioinformatics analysis. <b>2019</b> , 16, 100426	1
193	Inhibiting c-Jun N-terminal kinase (JNK)-mediated apoptotic signaling pathway in PC12 cells by a polysaccharide (CCP) from <i>Coptis chinensis</i> against Amyloid- $\beta$ -induced neurotoxicity. <b>2019</b> , 134, 565-574	11
192	Oxidized phosphatidylserine mitigates LPS-triggered macrophage inflammatory status through modulation of JNK and NF- $\kappa$ B signaling cascades. <b>2019</b> , 61, 30-38	7
191	Advantages and disadvantages of apoptosis in the aging process. <b>2019</b> , 1443, 20-33	21
190	Transcriptomics Analysis of Circular RNAs Differentially Expressed in Apoptotic HeLa Cells. <b>2019</b> , 10, 176	5
189	Associations of circulating very-long-chain saturated fatty acids and incident type 2 diabetes: a pooled analysis of prospective cohort studies. <b>2019</b> , 109, 1216-1223	21
188	TRAILblazing Strategies for Cancer Treatment. <b>2019</b> , 11,	36
187	Nutrition and Cancer Capsaicin Treatment Reduces Tumor Growth, Tumor Cell Proliferation Ex Vivo and Partially Reverses Cancer Cachexia in Walker 256 Tumor-Bearing Rats. <b>2019</b> , 71, 111-117	3
186	Effects of resveratrol on learning and memory in rats with vascular dementia. <b>2019</b> , 20, 4587-4593	17
185	Precise control of apoptosis via gold nanostars for dose dependent photothermal therapy of melanoma. <b>2019</b> , 7, 6934-6944	8
184	Radiosynthesis and preliminary in vivo evaluation of <sup>18</sup> F-labelled glycosylated duramycin peptides for imaging of phosphatidylethanolamine during apoptosis. <b>2019</b> , 10, 1930-1934	1

183	Should we reconsider the apoptosis as a strategic player in tissue regeneration?. <b>2019</b> , 15, 2029-2036	6
182	Apoptosis Induction of Fibroblast-Like Synoviocytes Is an Important Molecular-Mechanism for Herbal Medicine along with its Active Components in Treating Rheumatoid Arthritis. <b>2019</b> , 9,	45
181	Effects of $\alpha$ -lactalbumin and sulindac on primary and metastatic human colon cancer cell lines. <b>2019</b> , 44, 787-796	
180	Bcl-2 regulates pyroptosis and necroptosis by targeting BH3-like domains in GSDMD and MLKL. <b>2019</b> , 5, 151	17
179	Measurement of Nanoparticle-Induced Mitochondrial Membrane Potential Alterations. <b>2019</b> , 1894, 123-131	14
178	Cobalt chloride toxicity elicited hypertension and cardiac complication via induction of oxidative stress and upregulation of COX-2/Bax signaling pathway. <b>2019</b> , 38, 519-532	22
177	Role of pyroptosis in cardiovascular disease. <b>2019</b> , 52, e12563	117
176	The Significance of Regulatory MicroRNAs: Their Roles in Toxicodynamics of Mycotoxins and in the Protection Offered by Dietary Therapeutics Against Mycotoxin-Induced Toxicity. <b>2019</b> , 18, 48-66	16
175	Probiotic mixture of <i>Lactobacillus helveticus</i> R0052 and <i>Bifidobacterium longum</i> R0175 attenuates hippocampal apoptosis induced by lipopolysaccharide in rats. <b>2019</b> , 22, 317-323	13
174	Continuous gibberellin A3 exposure from weaning to sexual maturity induces ovarian granulosa cell apoptosis by activating Fas-mediated death receptor signaling pathways and changing methylation patterns on caspase-3 gene promoters. <b>2020</b> , 319, 175-186	7
173	Oxidative stress-driven DR5 upregulation restores TRAIL/Apo2L sensitivity induced by iron oxide nanoparticles in colorectal cancer. <b>2020</b> , 233, 119753	17
172	Protective effect of aqueous extract of <i>Lophira lanceolata</i> leaf against cisplatin-induced hepatorenal injuries and dyslipidemia in Wistar rats. <b>2020</b> , 6,	1
171	Agomelatine prevents indomethacin-induced gastric ulcer in rats. <b>2020</b> , 72, 984-991	3
170	Photoperiod Manipulation Affects Transcriptional Profile of Genes Related to Lipid Metabolism and Apoptosis in Zebrafish ( <i>Danio rerio</i> ) Larvae: Potential Roles of Gut Microbiota. <b>2020</b> , 79, 933-946	7
169	Ketamine exhibits anti-gastric cancer activity via induction of apoptosis and attenuation of PI3K/Akt/mTOR. <b>2020</b> , 16, 1140-1149	5
168	The Multifaceted Roles of the BCL-2 Family Member BOK. <b>2020</b> , 8, 574338	13
167	Extracellular vesicles and lupus nephritis - New insights into pathophysiology and clinical implications. <b>2020</b> , 115, 102540	17
166	Extracellular vesicles released in blood of COVID-19 patients: mechanism for detection of cardiac troponin after myocardial injury?. <b>2020</b> , 25, 613-615	4

165	Diabetes mellitus and the impairment of male reproductive function: Possible signaling pathways. <b>2020</b> , 14, 1307-1314	11
164	Synthesis of thiazole clubbed pyrazole derivatives as apoptosis inducers and anti-infective agents. <b>2020</b> , 17, 100335	5
163	Citronellol, an Acyclic Monoterpene Induces Mitochondrial-Mediated Apoptosis through Activation of Proapoptotic Factors in MCF-7 and MDA-MB-231 Human Mammary Tumor Cells. <b>2021</b> , 73, 1448-1458	1
162	The correlation between total antioxidant status with malondialdehyde and caspase 3 epididymal fluid type 2 diabetic rat and non diabetic. <b>2020</b> , 1567, 032052	
161	Cell death in culture: Molecular mechanisms, detections, and inhibition strategies. <b>2020</b> , 91, 37-53	3
160	Evaluation of Caspase-3 Activity During Apoptosis with Fluorescence Lifetime-Based Cytometry Measurements and Phasor Analyses. <b>2020</b> , 97, 1265-1275	7
159	Effects of diabetes on apoptosis and mitosis in rat hippocampus. <b>2021</b> , 96, 460-467	1
158	Carotenoids in Cancer Apoptosis-The Road and Back. <b>2020</b> , 12,	28
157	High-glucose concentration aggravates TNF-alpha-induced cell viability reduction in human CD146-positive periodontal ligament cells via TNFR-1 gene demethylation. <b>2020</b> , 44, 2383-2394	9
156	Toxicological Study and Genetic Basis of BTEX Susceptibility in. <b>2020</b> , 11, 594179	7
155	Friend or Foe: Lipid Droplets as Organelles for Protein and Lipid Storage in Cellular Stress Response, Aging and Disease. <b>2020</b> , 25,	11
154	Amide and ester derivatives of chlorido[4-carboxy-1,2-disalicylideneaminobenzene]iron(iii) as necroptosis and ferroptosis inducers. <b>2020</b> , 49, 6842-6853	6
153	The role of innate immunity in the long-term outcome of lung transplantation. <b>2020</b> , 8, 412	7
152	The influence of selected gastrointestinal parasites on apoptosis in intestinal epithelial cells. <b>2020</b> , 10,	8
151	The tale of caspase homologues and their evolutionary outlook: deciphering programmed cell death in cyanobacteria. <b>2020</b> , 71, 4639-4657	7
150	Immunodepression induced by influenza A virus (H1N1) in lymphoid organs functions as a pathogenic mechanism. <b>2020</b> , 47, 1664-1673	1
149	Reproductive effects of subchronic exposure to acetamiprid in male rats. <b>2020</b> , 10, 8985	10
148	Yeast $\beta$ -glucan exerts antitumour activity in liver cancer through impairing autophagy and lysosomal function, promoting reactive oxygen species production and apoptosis. <b>2020</b> , 32, 101495	25

147	Optimization of Experimental Variables Influencing Apoptosome Biosensor in HEK293T Cells. <b>2020</b> , 20,	6
146	iTRAQ-based quantitative proteomic profiling of the immune response of the South African abalone, <i>Haliotis midae</i> . <b>2020</b> , 99, 130-143	2
145	An immunohistochemical study of the effects of various antioxidants on rat lung during chemotherapy. <b>2020</b> , 95, 445-455	0
144	Molecular Determinants for the Activation/Inhibition of Bak Protein by BH3 Peptides. <b>2020</b> , 60, 1632-1643	5
143	TNF-Related Apoptosis-Inducing Ligand Receptor 1 in Patients With Ankylosing Spondylitis. <b>2020</b> , 26, 242-247	1
142	Substituted Piperazines as Novel Potential Radioprotective Agents. <b>2020</b> , 25,	3
141	Interplay of Ubiquitin-Like Modifiers Following Arsenic Trioxide Treatment. <b>2020</b> , 19, 1999-2010	3
140	Influence of Chronic Ethanol Consumption on Apoptosis and Autophagy Following Transient Focal Cerebral Ischemia in Male Mice. <b>2020</b> , 10, 6164	10
139	Inflammation-dependent downregulation of miR-532-3p mediates apoptotic signaling in human sarcopenia through targeting. <b>2020</b> , 16, 1481-1494	8
138	High expression of the gene might promote apoptosis through downregulation of the Ras/ERK signalling pathway in the intestinal type of gastric cancer. <b>2020</b> , 48, 300060520909025	2
137	Down-regulating miR-217-5p Protects Cardiomyocytes against Ischemia/Reperfusion Injury by Restoring Mitochondrial Function via Targeting SIRT1. <b>2021</b> , 44, 383-396	2
136	Caspase-like proteases and the phytohormone cytokinin as determinants of S-RNase-based self-incompatibility-induced PCD in <i>Petunia hybrida</i> L. <b>2021</b> , 258, 573-586	1
135	Next-Generation RNA-Sequencing of Serum Small Extracellular Vesicles Discovers Potential Diagnostic Biomarkers for Dementia With Lewy Bodies. <b>2021</b> , 29, 573-584	0
134	Highly sensitive detection of caspase-3 activity based on peptide-modified organic electrochemical transistor biosensors. <b>2021</b> , 13, 2868-2874	6
133	Cardiomyocyte Death and Genome-Edited Stem Cell Therapy for Ischemic Heart Disease. <b>2021</b> , 17, 1264-1279	0
132	Chemical composition and neurotherapeutic potential of <i>Glaucium corniculatum</i> extracts. <b>2021</b> , 17, 67	2
131	Intrinsic and extrinsic pathways of apoptosis: Role in cancer development and prognosis. <b>2021</b> , 125, 73-120	7
130	Molecular pathways of apoptotic cell death. <b>2021</b> , 79-109	



129	Association of Plasma Levels of Fas Ligand with Severity and Outcome of Sepsis. <b>2021</b> , 56, 544-550	1
128	Proteome profiling of different rat brain regions reveals the modulatory effect of prolonged maternal separation on proteins involved in cell death-related processes. <b>2021</b> , 54, 4	3
127	BAX and SMAC regulate bistable properties of the apoptotic caspase system. <b>2021</b> , 11, 3272	0
126	Bcl-xL: A Focus on Melanoma Pathobiology. <b>2021</b> , 22,	1
125	Glycyrrhizin Mediates Downregulation of Notch Pathway Resulting in Initiation of Apoptosis and Disruption in the Cell Cycle Progression in Cervical Cancer Cells. <b>2021</b> , 1-18	10
124	Fluorescent Chemical Tools for Tracking Anionic Phospholipids. <b>2021</b> , 61, 199-216	2
123	Origanum vulgare extract induces apoptosis in Molt-4 leukemic cell line. <b>2021</b> , 6, 105-112	
122	Impaired mitochondrial quality control in Rett Syndrome. <b>2021</b> , 700, 108790	4
121	Synergistic Effect of Doxorubicin and siRNA-Mediated Silencing of Mcl-1 Using Cationic Niosomes against 3D MCF-7 Spheroids. <b>2021</b> , 13,	5
120	Biochemical pathways of copper complexes: progress over the past 5 years. <b>2021</b> , 26, 1086-1096	11
119	Regulation of docosahexaenoic acid-induced apoptosis of confluent endothelial cells: Contributions of MAPKs and caspases. <b>2021</b> , 1866, 158902	2
118	Computational Modeling as a Tool to Investigate PPI: From Drug Design to Tissue Engineering. <b>2021</b> , 8, 681617	3
117	The Multifaceted Nature of Nucleobindin-2 in Carcinogenesis. <b>2021</b> , 22,	1
116	A Computational Framework to Identify Cross Association Between Complex Disorders by Protein-protein Interaction Network Analysis. <b>2021</b> , 16, 433-445	2
115	Pathogenic variants in PIDD1 lead to an autosomal recessive neurodevelopmental disorder with pachygyria and psychiatric features. <b>2021</b> , 29, 1226-1234	0
114	Polystyrene nanoplastics exposure caused defective neural tube morphogenesis through caveolae-mediated endocytosis and faulty apoptosis. <b>2021</b> , 15, 885-904	1
113	Sh-Sy5y hücre hattında sodyum bikarbonat bazı alternatif kemositotik ilaçlar ve BACE1 izoformları üzerindeki etkisi. <b>2021</b> , 46, 764-771	
112	Chlorogenic acid inhibits apoptosis in thiram-induced tibial dyschondroplasia via intrinsic pathway. <b>2021</b> , 1	0

111	Caspase-3: Structure, function, and biotechnological aspects. <b>2021</b> ,	12
110	Association between increased Bcl-2, Fas and FasL levels and inflammation extent in labial salivary glands during primary Sjögren's syndrome. <b>2021</b> ,	0
109	The effects of intrinsic apoptosis on cystogenesis in PKD1-deficient ADPKD pig model. <b>2021</b> , 798, 145792	0
108	The effect of survivin gene in breast cancer risk and prognosis. <b>2021</b> ,	
107	Mitochondrial nanomedicine: Subcellular organelle-specific delivery of molecular medicines. <b>2021</b> , 37, 102422	3
106	BEWO trophoblast cells and <i>Toxoplasma gondii</i> infection modulate cell death mechanisms in THP-1 monocyte cells by interference in the expression of death receptor and intracellular proteins. <b>2021</b> , 73, 101658	0
105	Isolation of cabbage exosome-like nanovesicles and investigation of their biological activities in human cells. <b>2021</b> , 6, 4321-4332	13
104	The herbicide paraquat-induced molecular mechanisms in the development of acute lung injury and lung fibrosis. <b>2021</b> , 51, 36-64	11
103	New Theories and Their Clinical Relevance to the Onset and Development of Periodontal Diseases. <b>2014</b> , 227-249	2
102	Proteases in Death Pathways. <b>2013</b> , 265-302	2
101	A Molecular Signature for Anastasis, Recovery from the Brink of Apoptotic Cell Death.	4
100	The carboxyl-terminal sequence of Bim enables Bax activation and killing of unprimed cells.	2
99	Natural Genetic Variation Influences Protein Abundances in <i>C. elegans</i> Developmental Signalling Pathways. <b>2016</b> , 11, e0149418	21
98	Human Thyroid Cancer-1 (TC-1) is a vertebrate specific oncogenic protein that protects against copper and pro-apoptotic genes in yeast. <b>2015</b> , 2, 247-255	3
97	The TRAIL: TRAILshort Axis in HIV Immunopathology. <b>2018</b> , 38, 491-503	1
96	[Apoptosis as a systemic adaptive mechanism in ischemic stroke]. <b>2018</b> , 118, 38-45	3
95	Effect of Exercise Training on Bcl-2 and Bax Gene Expression in the Rat Heart. <b>2015</b> , 2,	18
94	Anabolic-androgenic steroids and brain injury: miRNA evaluation in users compared to cocaine abusers and elderly people. <i>Aging</i> , <b>2020</b> , 12, 15314-15327	5.6 11

93	A study on the expression of apoptotic molecules related to death receptor and endoplasmic reticulum pathways in the jejunum of AFB-intoxicated chickens. <b>2017</b> , 8, 89655-89664	13
92	FoxO Transcription Factors and Regenerative Pathways in Diabetes Mellitus. <b>2015</b> , 12, 404-13	49
91	Evaluation of Bcl-2 and Bax Expression in the Heart of Diabetic Rats after Four Weeks of High Intensity Interval Training. <b>2019</b> , 13, 15-20	0
90	Di-Huang-Yi-Zhi herbal formula attenuates amyloid- $\beta$ -induced neurotoxicity in PC12 cells. <b>2017</b> , 13, 3003-3008	3
89	Functional role of apoptosis in oral diseases: An update. <b>2016</b> , 20, 491-496	7
88	Sugemule-3 Protects against Isoprenaline-induced Cardiotoxicity. <b>2017</b> , 13, 517-522	5
87	Effect of Fruit Pulp Juice on Alteration of Caspase Pathway Rendering Anti-Proliferative Activity against Ehrlich's Ascites Carcinoma in Mice. <b>2019</b> , 35, 271-277	14
86	Effect of High-Intensity Interval Training on Apoptotic Gene Expression in Rat Myocardial Tissue. <b>2020</b> , In Press,	0
85	The carboxyl-terminal sequence of bim enables bax activation and killing of unprimed cells. <b>2020</b> , 9,	15
84	Puerarin Alleviates Vascular Cognitive Impairment in Vascular Dementia Rats. <b>2021</b> , 15, 717008	3
83	The multifunctional RNA-binding protein Staufen1: an emerging regulator of oncogenesis through its various roles in key cellular events. <b>2021</b> , 78, 7145-7160	0
82	The Subjectivity of Systems Objects as a Scientific Object. <b>2013</b> , 433-438	
81	Proteases in Apoptosis: Protocols and Methods. <b>2015</b> , 143-202	0
80	Violations in apoptosis control system in children with chronic glomerulonephritis. <b>2015</b> , 2015, 39-45	
79	The Impact of Synovial NF- $\kappa$ B Activation on Apoptosis Pattern Change During Adjuvant-induced Inflammation. <b>2017</b> , 8, 173-182	
78	EXPERIMENTAL MODELING OF APOPTOSIS UNDER CONDITIONS OF STABLE STRONTIUM EXPOSURE. <b>2019</b> , 21, 137-140	
77	Tumors of the Nervous System: General Considerations. <b>2019</b> , 1263-1331	
76	Effects of a Combination of Dietary Restriction and Exercise Training on Myocardial Apoptosis in Male Rats. <b>2019</b> , 6, 13-20	

- 75 Role of apoptosis repressor with caspase recruitment domain (ARC) in cancer. **2019**, 18, 5691-5698 0
- 74 BAX and SMAC Regulate Bistable Properties of the Apoptotic Caspase System.
- 73 Interleukin 6 reduces vascular smooth muscle cell apoptosis via Prep1 and is associated with aging. **2021**, 35, e21989 2
- 72 Tipos de muerte celular y sus implicaciones clínicas. **2020**, 15, 97-112 2
- 71 Cell death mechanismsApoptosis pathways and their implications in toxicology. **2020**, 199-228
- 70 Cell Proliferation, Survival, Necrosis and Apoptosis. **2020**, 743-824 1
- 69 Sex-Specific Differences of Apoptosis in Heart Failure Due to Volume-Overload. **2020**, 129-145
- 68 Discrimination of live and dead cells with two different sets of signals and unique application in vivo imaging. **2020**, 231, 118115 2
- 67 An overview on the role of microalgal metabolites and pigments in apoptosis induction against copious diseases. **2021**, 60, 102556 1
- 66 Apoptosis (Programmed Cell Death) Studied by Fluorescence Spectroscopy. 1-15
- 65 The Effect of High Intensity Interval Training (HIIT) and Crocin Consumption on Doxorubicin-Induced Apoptotic Indices in the Muscle Tissue of Rats. **2020**, 7, 0
- 64 *Morinda citrifolia* L. (noni) and memantine attenuate periventricular tissue injury of the fourth ventricle in hydrocephalic rabbits. **2013**, 8, 773-82 9
- 63 Ecstasy-induced caspase expression alters following ginger treatment. **2013**, 4, 329-33 7
- 62 Hsp90 inhibitor sensitizes TRAIL-mediated apoptosis via chop-dependent DR5 upregulation in colon cancer cells. **2017**, 9, 4945-4953 3
- 61 INCREASED APOPTOSIS SKULL OF PUPS BORN TO -INFECTED MICE ASSOCIATED WITH INCREASED EXPRESSION OF INTERFERON GAMMA, BUT NOT TUMOR NECROSIS FACTOR ALFA. **2018**, 12, 68-71
- 60 Insulin-receptor substrate 1 protects against injury in endothelial cell models of ox-LDL-induced atherosclerosis by inhibiting ER stress/oxidative stress-mediated apoptosis and activating the Akt/FoxO1 signaling pathway. **2020**, 46, 1671-1682 1
- 59 Memantine, Simvastatin, and Epicatechin Inhibit 7-Ketocholesterol-induced Apoptosis in Retinal Pigment Epithelial Cells But Not Neurosensory Retinal Cells In Vitro. **2020**, 15, 470-480 1
- 58 Gga-miR-29a-3p suppresses avian reovirus-induced apoptosis and viral replication via targeting Caspase-3. **2021**, 264, 109294 2

57	Ferroptosis: New Dawn for Overcoming the Cardio-Cerebrovascular Diseases. <b>2021</b> , 9, 733908	4
56	Cytotoxicity of synthetic derivatives against breast cancer and multi-drug resistant breast cancer cell lines: a literature-based perspective study. <b>2021</b> , 21, 612	3
55	Cross Talk Between Apoptosis and Autophagy in Regulating the Progression of Heart Disease. <b>2022</b> , 103-115	
54	The benefits of exercise for outcome improvement following traumatic brain injury: Evidence, pitfalls and future perspectives.. <b>2021</b> , 349, 113958	0
53	Insulin-receptor substrate 1 protects against injury in endothelial cell models of ox-LDL-induced atherosclerosis by inhibiting ER stress/oxidative stress-mediated apoptosis and activating the Akt/FoxO1 signaling pathway. <b>2020</b> , 46, 1671-1682	2
52	Memantine, Simvastatin, and Epicatechin Inhibit 7-Ketocholesterol-induced Apoptosis in Retinal Pigment Epithelial Cells But Not Neurosensory Retinal Cells In Vitro. <b>2020</b> , 15, 470-480	
51	COVID-19 and Alzheimer's Disease: A Review of Mechanisms and Pathophysiology. <b>2021</b> , 9, 151-159	
50	Close association between the synergistic toxicity of zearalenone-deoxynivalenol combination and microRNA221-mediated PTEN/PI3K/AKT signaling in HepG2 cells.. <b>2022</b> , 468, 153104	1
49	Anticancer Effect of Naringin on Human Colon Cancer (WiDr Cells): In Vitro Study. <b>2022</b> , 885-888	2
48	The Hallmarks of Glioblastoma: Heterogeneity, Intercellular Crosstalk and Molecular Signature of Invasiveness and Progression.. <b>2022</b> , 10,	5
47	Hunchback prevents notch-induced apoptosis in the serotonergic lineage of Drosophila Melanogaster.. <b>2022</b> ,	0
46	Chrysin and Capsaicin induces premature senescence and apoptosis via mitochondrial dysfunction and p53 elevation in Cervical cancer cells. <b>2022</b> , 29, 3838-3847	1
45	XDeathDB: a visualization platform for cell death molecular interactions.. <b>2021</b> , 12, 1156	0
44	Effective description of bistability and irreversibility in apoptosis.. <b>2021</b> , 104, 064410	0
43	Table_1.DOCX. <b>2019</b> ,	
42	Data_Sheet_1.ZIP. <b>2020</b> ,	
41	Effect of alpha-mangostin in the prevention of behavioural and neurochemical defects in methylmercury-induced neurotoxicity in experimental rats. <b>2022</b> , 9, 977-998	1
40	Bee venom protects against pancreatic cancer via inducing cell cycle arrest and apoptosis with suppression of cell migration.. <b>2022</b> , 13, 847-858	0

- 39 Fenpyroximate induced cytotoxicity and genotoxicity in Wistar rat brain and in human neuroblastoma (SH-SY5Y) cells: involvement of oxidative stress and apoptosis.. **2022**, 0
- 38 Hepatotoxic mechanism of diclofenac sodium on broiler chicken revealed by iTRAQ-based proteomics analysis. **2022**, 23, 0
- 37 Consecutive versus concomitant follicle-stimulating hormone and highly purified human menopausal gonadotropin: A milder response but better quality. **2022**, 49, 135-141
- 36 Accumulation of Deleterious Effects in Gastric Epithelial Cells and Vascular Endothelial Cells In Vitro in the Milieu of Helicobacter pylori Components, 7-Ketocholesterol and Acetylsalicylic Acid. **2022**, 23, 6355 0
- 35 Implications of sperm heat shock protein 70-2 in bull fertility. 1456-1466
- 34 Traversing through half a century research timeline on Ginkgo biloba, in transforming a botanical rarity into an active functional food ingredient. **2022**, 153, 113299 1
- 33 Germicidal and Antineoplastic Activities of Curcumin and Curcumin-Derived Nanoparticles.
- 32 Dietary Glucose Ameliorates Impaired Intestinal Development and Immune Homeostasis Disorders Induced by Chronic Cold Stress in Pig Model. **2022**, 23, 7730 1
- 31 PS-NPs Induced Neurotoxic Effects in SHSY-5Y Cells via Autophagy Activation and Mitochondrial Dysfunction. **2022**, 12, 952 0
- 30 Structures of BIRC6-Client Complexes Provide Mechanism of Smac-Mediated Release of Caspases.
- 29 Cholesterol accumulation in hepatocytes mediates IRE1/p38 branch of endoplasmic reticulum stress to promote nonalcoholic steatohepatitis. **2022**, 191, 1-7 1
- 28 Cell Division/Death: Caspase-Regulated Mechanisms of Cell Death. **2022**, 0
- 27 Crosstalk between regulated necrosis and micronutrition, bridged by reactive oxygen species. 9, 0
- 26 Deoxynivalenol Induces Apoptosis via FOXO3a-Signaling Pathway in Small-Intestinal Cells in Pig. **2022**, 10, 535 1
- 25 Memantine associated with ventricular-subcutaneous shunt promotes behavioral improvement, reduces reactive astrogliosis and cell death in juvenile hydrocephalic rats. **2022**, 125, 102165 0
- 24 Cucurbitacin-B Exerts Anticancer Effects through Instigation of Apoptosis and Cell Cycle Arrest within Human Prostate Cancer PC3 Cells via Downregulating JAK/STAT Signaling Cascade. **2022**, 15, 1229 2
- 23 Protective effects of volatile components of aged garlic extract against ultraviolet B-induced apoptosis in human skin fibroblasts. 0
- 22 Toxicity Assessment of Octachlorostyrene in Human Liver Carcinoma (HepG2) Cells. **2022**, 19, 14272 0

- 21 Mechanisms involved in prevention of dementia and promotion of healthy aging by resveratrol. **2023**, 197-214 ○
- 20 Polychlorinated biphenyls. **2023**, 615-661 ○
- 19 Ferrostatin-1 and Z-VAD-FMK potentially attenuated Iron-mediated neurotoxicity and rescued cognitive function in Iron-overloaded rats. **2023**, 313, 121269 ○
- 18 Ratiometric and Discriminative Visualization of Autophagy and Apoptosis with a Single Fluorescent Probe Based on the Aggregation/Monomer Principle. **2022**, 94, 17885-17894 ○
- 17 UV Stress Effect on Structure and Function of Pro-apoptotic Bid and Anti-apoptotic Bcl-xl proteins. ○
- 16 High therapeutic efficacy of 5-Fluorouracil -loaded Exosomes against colon cancer cells. ○
- 15 Ovarian Cancer: A Landscape of Mitochondria with Emphasis on Mitochondrial Dynamics. **2023**, 24, 1224 ○
- 14 The effect of endurance exercise and rosehip extract supplementation on the expression of P53 and cytochrome C genes in male rat heart. **2022**, 14, 246-252 ○
- 13 Targeting Apoptotic Pathway of Cancer Cells with Phytochemicals and Plant-Based Nanomaterials. **2023**, 13, 194 ○
- 12 Virulence assessment of four *Glaesserella parasuis* strains isolated in Liaoning province of China. **2023**, 158, 226-234 ○
- 11 Suppression of apoptosis in osteocytes, the potential way of natural medicine in the treatment of osteonecrosis of the femoral head. **2023**, 162, 114403 ○
- 10 Disparate toxicity mechanisms of parabens with different alkyl chain length in freshwater biofilms: Ecological hazards associated with antibiotic resistome. **2023**, 881, 163168 ○
- 9 Graphene oxide nanoarchitectures in cancer biology: Nano-modulators of autophagy and apoptosis. **2023**, 354, 503-522 ○
- 8 Structures of BIRC6-client complexes provide a mechanism of SMAC-mediated release of caspases. **2023**, 379, 1105-1111 1
- 7 Biocompatible nanocarriers an emerging platform for augmenting the antiviral attributes of bioactive polyphenols: A review. **2023**, 81, 104269 ○
- 6 Optical and Electrochemical Probes for Monitoring Cytochrome c in Subcellular Compartments During Apoptosis. **2023**, 62, ○
- 5 Optical and Electrochemical Probes for Monitoring Cytochrome c in Subcellular Compartments During Apoptosis. **2023**, 135, ○
- 4 Cannabinoid Neurobiology and Medical Cannabis Intervention for Amyotrophic Lateral Sclerosis (ALS). **2023**, 147-169 ○

- 3 Docosahexaenoic Acid, a Key Compound for Enhancing Sensitization to Drug in Doxorubicin-Resistant MCF-7 Cell Line. **2023**, 15, 1658 ○
- 2 Lnc-ing epigenetic mechanisms with autophagy and cancer drug resistance. **2023**, ○
- 1 Infection of Endothelial Cells with *Acinetobacter baumannii* Reveals Remodelling of Mitochondrial Protein Complexes. ○