

Necrotic death as a cell fate

Genes and Development

20, 1-15

DOI: [10.1101/gad.1376506](https://doi.org/10.1101/gad.1376506)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Toward a mechanistic taxonomy of cell death programs. <i>Journal of Alzheimer's Disease</i> , 2005, 6, S3-S6.	1.2	2
2	Necrosis, a well-orchestrated form of cell demise: Signalling cascades, important mediators and concomitant immune response. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 1371-1387.	0.5	555
3	Cell death in the absence of Bax and Bak. <i>Cell Death and Differentiation</i> , 2006, 13, 1272-1276.	5.0	51
4	Mitochondrial involvement in drug-induced hepatic injury. <i>Chemico-Biological Interactions</i> , 2006, 163, 145-159.	1.7	70
5	Autophagy promotes tumor cell survival and restricts necrosis, inflammation, and tumorigenesis. <i>Cancer Cell</i> , 2006, 10, 51-64.	7.7	1,779
6	Sense and sensibility: the use of cell death biomarker assays in high-throughput anticancer drug screening and monitoring treatment responses. <i>Expert Opinion on Drug Discovery</i> , 2006, 1, 585-594.	2.5	3
7	Tumor-Suppressive Effects of MBP-1 in Non-Small Cell Lung Cancer Cells. <i>Cancer Research</i> , 2006, 66, 11907-11912.	0.4	26
8	Chemotherapeutic Approaches for Targeting Cell Death Pathways. <i>Oncologist</i> , 2006, 11, 342-357.	1.9	419
9	NAD ⁺ and NADH in cellular functions and cell death. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 3129.	3.0	200
10	Cytokeratin-18 Is a Useful Serum Biomarker for Early Determination of Response of Breast Carcinomas to Chemotherapy. <i>Clinical Cancer Research</i> , 2007, 13, 3198-3206.	3.2	132
11	Crystal cell rupture after injury in <i>Drosophila</i> requires the JNK pathway, small GTPases and the TNF homolog Eiger. <i>Journal of Cell Science</i> , 2007, 120, 1209-1215.	1.2	161
12	The glycotope-specific RAV12 monoclonal antibody induces oncosis in vitro and has antitumor activity against gastrointestinal adenocarcinoma tumor xenografts in vivo. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 856-865.	1.9	55
13	Bcl2L12 inhibits post-mitochondrial apoptosis signaling in glioblastoma. <i>Genes and Development</i> , 2007, 21, 98-111.	2.7	136
14	Changes occurring on the cell surface during KSHV reactivation. <i>Journal of Electron Microscopy</i> , 2007, 56, 27-36.	0.9	7
15	Key Note Lecture. <i>Stroke</i> , 2007, 38, 652-660.	1.0	38
16	Effects of Hypoxia on Heterotypic Macrophage Interactions. <i>Cell Cycle</i> , 2007, 6, 2620-2624.	1.3	7
17	Sequential Activation of Poly(ADP-Ribose) Polymerase 1, Calpains, and Bax Is Essential in Apoptosis-Inducing Factor-Mediated Programmed Necrosis. <i>Molecular and Cellular Biology</i> , 2007, 27, 4844-4862.	1.1	298
18	Decompensation of Cardiac Hypertrophy: Cellular Mechanisms and Novel Therapeutic Targets. <i>Physiology</i> , 2007, 22, 56-64.	1.6	170

#	ARTICLE	IF	CITATIONS
19	p53 regulates cyclophosphamide teratogenesis by controlling caspases 3, 8, 9 activation and NF- κ B DNA binding. <i>Reproduction</i> , 2007, 134, 379-388.	1.1	25
20	Honokiol Induces a Necrotic Cell Death through the Mitochondrial Permeability Transition Pore. <i>Cancer Research</i> , 2007, 67, 4894-4903.	0.4	104
21	Identification of prothymosin- α 1, the necrosis- α apoptosis switch molecule in cortical neuronal cultures. <i>Journal of Cell Biology</i> , 2007, 176, 853-862.	2.3	67
22	Ethyl pyruvate induces necrosis-to-apoptosis switch and inhibits high mobility group box protein 1 release in A549 lung adenocarcinoma cells. <i>International Journal of Molecular Medicine</i> , 2007, 20, 187.	1.8	15
23	Natural killer cell- α derived human granzyme H induces an alternative, caspase-independent cell-death program. <i>Blood</i> , 2007, 110, 544-552.	0.6	80
24	Hypoxic stress underlies defects in erythroblast islands in the Rb-null mouse. <i>Blood</i> , 2007, 110, 2173-2181.	0.6	22
25	The cisplatin- α irradiation combination suggests that apoptosis is not a major determinant of clonogenic death. <i>Anti-Cancer Drugs</i> , 2007, 18, 659-667.	0.7	8
26	An Intracellular Serpin Regulates Necrosis by Inhibiting the Induction and Sequelae of Lysosomal Injury. <i>Cell</i> , 2007, 130, 1108-1119.	13.5	144
27	Microbial Pathogen-Induced Necrotic Cell Death Mediated by the Inflammasome Components CIAS1/Cryopyrin/NLRP3 and ASC. <i>Cell Host and Microbe</i> , 2007, 2, 147-159.	5.1	269
28	Lucifer's Labyrinth- α Ten Years of Path Finding in Cell Death. <i>Molecular Cell</i> , 2007, 28, 746-754.	4.5	98
29	Genome-wide investigation reveals pathogen-specific and shared signatures in the response of <i>Caenorhabditis elegans</i> to infection. <i>Genome Biology</i> , 2007, 8, R194.	13.9	194
30	BNIP3 Is an RB/E2F Target Gene Required for Hypoxia-Induced Autophagy. <i>Molecular and Cellular Biology</i> , 2007, 27, 6229-6242.	1.1	340
31	HMGB1: A signal of necrosis. <i>Autoimmunity</i> , 2007, 40, 285-289.	1.2	156
32	Mitomycin- α DNA Adducts Induce p53-Dependent and p53-Independent Cell Death Pathways. <i>ACS Chemical Biology</i> , 2007, 2, 399-407.	1.6	34
33	The Pancreas Misled: Signals to Pancreatitis. <i>Pancreatology</i> , 2007, 7, 436-446.	0.5	51
34	Preconditioning: The Mitochondrial Connection. <i>Annual Review of Physiology</i> , 2007, 69, 51-67.	5.6	201
35	Metabolic catastrophe as a means to cancer cell death. <i>Journal of Cell Science</i> , 2007, 120, 379-383.	1.2	200
36	Diverse TNF- α -induced death pathways are enhanced by inhibition of NF- κ B. <i>International Journal of Oncology</i> , 0, , .	1.4	1

#	ARTICLE	IF	CITATIONS
37	Establishment of association of an Mg ²⁺ -dependent endonuclease with the rat liver nuclear matrix in cryonecrosis. <i>Cell Biochemistry and Function</i> , 2007, 25, 345-355.	1.4	4
38	Role of autophagy in cancer. <i>Nature Reviews Cancer</i> , 2007, 7, 961-967.	12.8	1,625
39	Cell death modalities: classification and pathophysiological implications. <i>Cell Death and Differentiation</i> , 2007, 14, 1237-1243.	5.0	688
40	Calreticulin exposure increases cancer immunogenicity. <i>Nature Biotechnology</i> , 2007, 25, 192-193.	9.4	71
41	Regulation of cell death during infection by the severe acute respiratory syndrome coronavirus and other coronaviruses. <i>Cellular Microbiology</i> , 2007, 9, 2552-2561.	1.1	35
42	Necrotic death without mitochondrial dysfunction-delayed death of cardiac myocytes following oxidative stress. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 342-351.	1.9	28
43	Cardiomyocyte necrosis: Alternative mechanisms, effective interventions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 480-482.	1.9	19
44	Molecular effectors of multiple cell death pathways initiated by photodynamic therapy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2007, 1776, 86-107.	3.3	414
45	Apoptosis and the cardiac action of insulin-like growth factor I. , 2007, 114, 278-294.		64
46	Cell death by necrosis: towards a molecular definition. <i>Trends in Biochemical Sciences</i> , 2007, 32, 37-43.	3.7	853
47	Targeting Antioxidants to Mitochondria by Conjugation to Lipophilic Cations. <i>Annual Review of Pharmacology and Toxicology</i> , 2007, 47, 629-656.	4.2	1,010
48	Differential response to ischemia in adjacent hippocampal sectors: neuronal death in CA1 versus neurogenesis in dentate gyrus. <i>Biotechnology Journal</i> , 2007, 2, 596-607.	1.8	29
49	Differentiating megakaryocytes in myelodysplastic syndromes succumb to mitochondrial derangement without caspase activation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 1101-1108.	2.2	10
50	Absence of Bax switched MG132-induced apoptosis to non-apoptotic cell death that could be suppressed by transcriptional or translational inhibition. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 2233-2244.	2.2	25
51	Vincristine and lomustine induce apoptosis and p21WAF1 up-regulation in medulloblastoma and normal human epithelial and fibroblast cells. <i>Journal of Neuro-Oncology</i> , 2008, 87, 123-132.	1.4	21
52	High-resolution genetic mapping of bacterial blight resistance gene Xa10. <i>Theoretical and Applied Genetics</i> , 2008, 116, 155-163.	1.8	40
53	Photoreceptor Cell Death Mechanisms in Inherited Retinal Degeneration. <i>Molecular Neurobiology</i> , 2008, 38, 253-269.	1.9	259
54	Secondary necrosis in multicellular animals: an outcome of apoptosis with pathogenic implications. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008, 13, 463-482.	2.2	187

#	ARTICLE	IF	CITATIONS
55	Hepatoma-derived growth factor (<i>HDGF</i>) is dispensable for normal mouse development. <i>Developmental Dynamics</i> , 2008, 237, 1875-1885.	0.8	21
56	NAD ⁺ /NADH and NADP ⁺ /NADPH in Cellular Functions and Cell Death: Regulation and Biological Consequences. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 179-206.	2.5	1,222
57	The I κ B kinase – a bridge between inflammation and cancer. <i>Cell Research</i> , 2008, 18, 334-342.	5.7	248
58	Origin and physiological roles of inflammation. <i>Nature</i> , 2008, 454, 428-435.	13.7	4,758
59	NLRs at the intersection of cell death and immunity. <i>Nature Reviews Immunology</i> , 2008, 8, 372-379.	10.6	326
60	Expansion and evolution of cell death programmes. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 378-390.	16.1	490
61	Phytotoxic Nep1-like proteins from the necrotrophic fungus <i>Botrytis cinerea</i> associate with membranes and the nucleus of plant cells. <i>New Phytologist</i> , 2008, 177, 493-505.	3.5	136
62	Lysosomal release of cathepsins causes ischemic damage in the rat hippocampal slice and depends on NMDA-mediated calcium influx, arachidonic acid metabolism, and free radical production. <i>Journal of Neurochemistry</i> , 2008, 106, 56-69.	2.1	84
63	Mitochondrial mechanisms of death responses in pancreatitis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2008, 23, S25-S30.	1.4	32
64	Loss of peroxisome function triggers necrosis. <i>FEBS Letters</i> , 2008, 582, 2882-2886.	1.3	52
65	7-Bromoindirubin-3'-oxime uncovers a serine protease-mediated paradigm of necrotic cell death. <i>Biochemical Pharmacology</i> , 2008, 76, 39-52.	2.0	22
66	Expression of survivin and p16INK4a/Cdk6/pRB proteins and induction of apoptosis in response to radiation and cisplatin in meningioma cells. <i>Brain Research</i> , 2008, 1188, 25-34.	1.1	21
67	Necrotic cell death and –necrostatins™: now we can control cellular explosion. <i>Trends in Biochemical Sciences</i> , 2008, 33, 352-355.	3.7	27
68	p38 MAPK activation and mitochondrial depolarization mediate the cytotoxicity of Taiwan cobra phospholipase A2 on human neuroblastoma SK-N-SH cells. <i>Toxicology Letters</i> , 2008, 180, 53-58.	0.4	10
70	Truncation of cytoplasmic tail of EIAV Env increases the pathogenic necrosis. <i>Virus Research</i> , 2008, 133, 201-210.	1.1	2
71	Apoptosis and necrosis: Detection, discrimination and phagocytosis. <i>Methods</i> , 2008, 44, 205-221.	1.9	546
72	Flavonoids protect retinal ganglion cells from ischemia in vitro. <i>Experimental Eye Research</i> , 2008, 86, 366-374.	1.2	31
73	ATP depletion alters the mode of cell death induced by benzyl isothiocyanate. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008, 1782, 566-573.	1.8	47

#	ARTICLE	IF	CITATIONS
74	Simultaneous induction of apoptotic, autophagic, and necrosis-like cell death by monoclonal antibodies recognizing chicken transferrin receptor. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 775-781.	1.0	7
75	Role of Mitochondria in Drug-Induced Cholestatic Injury. <i>Clinics in Liver Disease</i> , 2008, 12, 27-51.	1.0	18
76	Mechanisms Underlying Acute Protection From Cardiac Ischemia-Reperfusion Injury. <i>Physiological Reviews</i> , 2008, 88, 581-609.	13.1	1,220
77	Critical role for the mitochondrial permeability transition pore and cyclophilin D in platelet activation and thrombosis. <i>Blood</i> , 2008, 111, 1257-1265.	0.6	189
78	A UDP-glucose derivative is required for vacuolar autophagic cell death. <i>Autophagy</i> , 2008, 4, 680-691.	4.3	19
79	Caspase-3 Activation Triggers Extracellular Cathepsin L Release and Endorepellin Proteolysis. <i>Journal of Biological Chemistry</i> , 2008, 283, 27220-27229.	1.6	93
80	To be or not to be, the level of autophagy is the question: Dual roles of autophagy in the survival response to starvation. <i>Autophagy</i> , 2008, 4, 82-84.	4.3	101
81	SOK1 Translocates from the Golgi to the Nucleus upon Chemical Anoxia and Induces Apoptotic Cell Death. <i>Journal of Biological Chemistry</i> , 2008, 283, 16248-16258.	1.6	44
82	Caspase-1 Activation in Macrophages Infected with <i>Yersinia pestis</i> KIM Requires the Type III Secretion System Effector YopJ. <i>Infection and Immunity</i> , 2008, 76, 3911-3923.	1.0	66
83	<i>Caenorhabditis elegans</i> Genes Required for the Engulfment of Apoptotic Corpses Function in the Cytotoxic Cell Deaths Induced by Mutations in <i>lin-24</i> and <i>lin-33</i> . <i>Genetics</i> , 2008, 179, 403-417.	1.2	19
84	Anoxic cell core can promote necrotic cell death in cardiomyocytes at physiological extracellular P _o ² . <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H2507-H2515.	1.5	15
85	The Inositol 1,4,5-Trisphosphate Receptor Is Required to Signal Autophagic Cell Death. <i>Molecular Biology of the Cell</i> , 2008, 19, 691-700.	0.9	67
86	Preferential Cytolysis of Peripheral Memory CD4 ⁺ T Cells by In Vitro X4-Tropic Human Immunodeficiency Virus Type 1 Infection before the Completion of Reverse Transcription. <i>Journal of Virology</i> , 2008, 82, 9154-9163.	1.5	18
87	Induction of Cellular Stress Overcomes the Requirement of Herpes Simplex Virus Type 1 for Immediate-Early Protein ICP0 and Reactivates Expression from Quiescent Viral Genomes. <i>Journal of Virology</i> , 2008, 82, 11775-11783.	1.5	19
88	Autophagic cell death unraveled: Pharmacological inhibition of apoptosis and autophagy enables necrosis. <i>Autophagy</i> , 2008, 4, 399-401.	4.3	80
89	Sodium salicylate switches glucose depletion-induced necrosis to autophagy and inhibits high mobility group box protein 1 release in A549 lung adenocarcinoma cells. <i>Oncology Reports</i> , 0, , .	1.2	7
90	The microtubule-targeting agent CA4P regresses leukemic xenografts by disrupting interaction with vascular cells and mitochondrial-dependent cell death. <i>Blood</i> , 2008, 111, 1951-1961.	0.6	64
91	Characteristics of Gabexate Mesilate-Induced Cell Injury in Porcine Aorta Endothelial Cells. <i>Journal of Pharmacological Sciences</i> , 2008, 106, 415-422.	1.1	8

#	ARTICLE	IF	CITATIONS
92	Hyperthermia switches glucose depletion-induced necrosis to apoptosis in A549 lung adenocarcinoma cells. <i>International Journal of Oncology</i> , 2008, , .	1.4	4
93	Targeting Antioxidants to Mitochondria by Conjugation to Lipophilic Cations. , 0, , 575-587.		3
94	Overexpression of CHMP6 Induces Cellular Oncosis and Apoptosis in HeLa Cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 494-501.	0.6	8
95	The p53-cathepsin axis cooperates with ROS to activate programmed necrotic death upon DNA damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1093-1098.	3.3	107
96	Programmed Necrotic Cell Death Induced by Complement Involves a Bid-Dependent Pathway. <i>Journal of Immunology</i> , 2009, 182, 515-521.	0.4	35
97	Cumulus cell features and nuclear chromatin configuration of <i>in vitro</i> matured canine COCs and the influence of <i>in vivo</i> serum progesterone concentrations of ovary donors. <i>Zygote</i> , 2009, 17, 79-91.	0.5	7
98	MUC1 oncoprotein is a druggable target in human prostate cancer cells. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 3056-3065.	1.9	68
99	The Effects of Two Metallophthalocyanines on the Viability and Proliferation of an Esophageal Cancer Cell Line. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 625-631.	2.1	10
100	The Isopeptidase Inhibitor G5 Triggers a Caspase-independent Necrotic Death in Cells Resistant to Apoptosis. <i>Journal of Biological Chemistry</i> , 2009, 284, 8369-8381.	1.6	30
101	Inhibition of Mitochondrial Membrane Permeability as a Putative Pharmacological Target for Cardioprotection. <i>Current Medicinal Chemistry</i> , 2009, 16, 4382-4398.	1.2	53
102	<i>Cell Pathology</i> . , 2009, , 7-18.		5
103	One tissue, two fates: different roles of megagametophyte cells during Scots pine embryogenesis. <i>Journal of Experimental Botany</i> , 2009, 60, 1375-1386.	2.4	24
104	Programmed Cellular Necrosis Mediated by the Pore-Forming β -Toxin from <i>Clostridium septicum</i> . <i>PLoS Pathogens</i> , 2009, 5, e1000516.	2.1	101
105	Osteo-Chondroprogenitor-Specific Deletion of the Selenocysteine tRNA Gene, <i>Trsp</i> , Leads to Chondronecrosis and Abnormal Skeletal Development: A Putative Model for Kashin-Beck Disease. <i>PLoS Genetics</i> , 2009, 5, e1000616.	1.5	96
106	Nitric oxides mediates a shift from early necrosis to late apoptosis in cytokine-treated β 2-cells that is associated with irreversible DNA damage. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E1187-E1196.	1.8	39
107	Prothymosin β and cell death mode switch, a novel target for the prevention of cerebral ischemia-induced damage. , 2009, 123, 323-333.		37
108	Attenuation of cadmium-induced necrotic cell death by necrostatin-1: Potential necrostatin-1 acting sites. <i>Toxicology and Applied Pharmacology</i> , 2009, 235, 153-162.	1.3	26
109	Necrotic cell death: From reversible mitochondrial uncoupling to irreversible lysosomal permeabilization. <i>Experimental Cell Research</i> , 2009, 315, 26-38.	1.2	26

#	ARTICLE	IF	CITATIONS
110	Prosurvival Bcl-2 proteins stabilize pancreatic mitochondria and protect against necrosis in experimental pancreatitis. <i>Experimental Cell Research</i> , 2009, 315, 1975-1989.	1.2	68
111	The role and regulation of hypoxia-inducible factor-1 α expression in brain development and neonatal hypoxic-ischemic brain injury. <i>Brain Research Reviews</i> , 2009, 62, 99-108.	9.1	173
112	Caspase-independent cell death without generation of reactive oxygen species in irradiated MOLT-4 human leukemia cells. <i>Cellular Immunology</i> , 2009, 255, 61-68.	1.4	2
113	Mitochondria as targets for chemotherapy. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 624-640.	2.2	113
114	Different cell death pathways induced by drugs in <i>Trypanosoma cruzi</i> : An ultrastructural study. <i>Micron</i> , 2009, 40, 157-168.	1.1	143
115	Lectin of Concanavalin A as an anti-hepatoma therapeutic agent. <i>Journal of Biomedical Science</i> , 2009, 16, 10.	2.6	98
116	Catechin, green tea component, causes caspase-independent necrosis-like cell death in chronic myelogenous leukemia. <i>Cancer Science</i> , 2009, 100, 349-356.	1.7	46
117	Deregulation of cell-death pathways as the cornerstone of skin diseases. <i>Clinical and Experimental Dermatology</i> , 2009, 35, 569-575.	0.6	0
118	Blunted Akt/FOXO signalling and activation of genes controlling atrophy and fuel use in statin myopathy. <i>Journal of Physiology</i> , 2009, 587, 219-230.	1.3	95
119	An agonistic monoclonal antibody against DR5 induces ROS production, sustained JNK activation and Endo G release in Jurkat leukemia cells. <i>Cell Research</i> , 2009, 19, 984-995.	5.7	20
120	Autophagic or necrotic cell death triggered by distinct motifs of the differentiation factor DIF-1. <i>Cell Death and Differentiation</i> , 2009, 16, 564-570.	5.0	22
121	Acriflavine-Mediated Apoptosis and Necrosis in Yeast <i>Candida utilis</i> . <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 284-291.	1.8	16
122	Characterization of caspase-dependent and caspase-independent deaths in glioblastoma cells treated with inhibitors of the ubiquitin-proteasome system. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 3140-3150.	1.9	20
123	Caffeine augments Alprazolam induced cytotoxicity in human cell lines. <i>Toxicology in Vitro</i> , 2009, 23, 1100-1109.	1.1	9
124	"Killing the Blues": A role for cellular suicide (apoptosis) in depression and the antidepressant response?. <i>Progress in Neurobiology</i> , 2009, 88, 246-263.	2.8	116
125	The Double-Edged Sword of Autophagy Modulation in Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 5308-5316.	3.2	965
126	Cell Death. <i>New England Journal of Medicine</i> , 2009, 361, 1570-1583.	13.9	1,037
127	Pattern Recognition in Phagocytic Clearance of Altered Self. <i>Advances in Experimental Medicine and Biology</i> , 2009, 653, 129-138.	0.8	16

#	ARTICLE	IF	CITATIONS
128	Oxidative damage and cutaneous reactions during radiotherapy in combination with cetuximab. <i>Radiotherapy and Oncology</i> , 2009, 90, 281-282.	0.3	7
129	Induction of autophagy by spermidine promotes longevity. <i>Nature Cell Biology</i> , 2009, 11, 1305-1314.	4.6	1,302
130	Programmed Cell Death: Apoptosis. , 2009, , 111-128.		0
131	RIP3, an Energy Metabolism Regulator That Switches TNF-Induced Cell Death from Apoptosis to Necrosis. <i>Science</i> , 2009, 325, 332-336.	6.0	1,637
132	Naphthoimidazoles promote different death phenotypes in <i>Trypanosoma cruzi</i> . <i>Parasitology</i> , 2009, 136, 499-510.	0.7	72
134	A pilot study on morphology and the mechanism involved in linearly patterned programmed cell necrosis in melanoma. <i>Oncology Letters</i> , 2010, 1, 821-826.	0.8	5
135	Procoagulant platelets: are they necrotic?. <i>Blood</i> , 2010, 116, 2011-2018.	0.6	138
136	Controlled Necrosis. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2010, 4, 3-12.	0.3	5
137	Programmed Necrosis: A New Cell Death Outcome for Injured Adult Neurons?. , 2010, , 35-66.		0
138	Artesunate induces oncosis-like cell death in vitro and has antitumor activity against pancreatic cancer xenografts in vivo. <i>Cancer Chemotherapy and Pharmacology</i> , 2010, 65, 895-902.	1.1	133
139	Cytochrome c-induced lymphocyte death from the outside in: inhibition by serum leucine-rich alpha-2-glycoprotein-1. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 139-152.	2.2	53
140	Necrosis in yeast. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 257-268.	2.2	127
141	Clearance of dying cells and systemic lupus erythematosus: the role of C1q and the complement system. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 1114-1123.	2.2	36
142	Chloroplastic oxidative burst induced by tenuazonic acid, a natural photosynthesis inhibitor, triggers cell necrosis in <i>Eupatorium adenophorum</i> Spreng. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 391-405.	0.5	42
143	Selective induction of catalase-mediated autophagy by dihydrocapsaicin in lung cell lines. <i>Free Radical Biology and Medicine</i> , 2010, 49, 245-257.	1.3	36
144	Synergistic effect of cAMP and palmitate in promoting altered mitochondrial function and cell death in HepG2 cells. <i>Experimental Cell Research</i> , 2010, 316, 716-727.	1.2	32
145	Chrysophanol induces necrosis through the production of ROS and alteration of ATP levels in J5 human liver cancer cells. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 967-976.	1.5	164
146	A novel mechanism of cell growth regulation by Cell Cycle and Apoptosis Regulatory Protein (CARP)-1. <i>Journal of Molecular Signaling</i> , 2010, 5, 7.	0.5	21

#	ARTICLE	IF	CITATIONS
147	Cyclophilin D links programmed cell death and organismal aging in <i>Podospora anserina</i> . <i>Aging Cell</i> , 2010, 9, 761-775.	3.0	50
148	Anticancer effects of CAMEL peptide. <i>Laboratory Investigation</i> , 2010, 90, 940-952.	1.7	24
149	Prothymosin α as robustness molecule against ischemic stress to brain and retina. <i>Annals of the New York Academy of Sciences</i> , 2010, 1194, 20-26.	1.8	15
150	What do we mean when we write "senescence," "apoptosis," "necrosis," or "clearance of dying cells"? <i>Annals of the New York Academy of Sciences</i> , 2010, 1209, 1-9.	1.8	28
151	GSK-3 β promotes cell survival by modulating Bif-1-dependent autophagy and cell death. <i>Journal of Cell Science</i> , 2010, 123, 861-870.	1.2	70
152	Utilization of cytokeratin-based biomarkers for pharmacodynamic studies. <i>Expert Review of Molecular Diagnostics</i> , 2010, 10, 353-359.	1.5	58
153	Identification of the Cellular Sensor That Stimulates the Inflammatory Response to Sterile Cell Death. <i>Journal of Immunology</i> , 2010, 184, 4470-4478.	0.4	98
154	Programmed necrosis induced by asbestos in human mesothelial cells causes high-mobility group box 1 protein release and resultant inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12611-12616.	3.3	234
155	Dissociation of chicken blastoderm for examination of apoptosis and necrosis by flow cytometry. <i>Poultry Science</i> , 2010, 89, 901-909.	1.5	36
156	<i>Legionella pneumophila</i> induces cathepsin B-dependent necrotic cell death with releasing high mobility group box1 in macrophages. <i>Respiratory Research</i> , 2010, 11, 158.	1.4	27
157	Anticancer genes: inducers of tumour-specific cell death signalling. <i>Trends in Molecular Medicine</i> , 2010, 16, 88-96.	3.5	27
158	Signaling different pathways of cell death: Abrin induced programmed necrosis in U266B1 cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1993-2003.	1.2	29
159	Proteolytic events in cryonecrotic cell death: Proteolytic activation of endonuclease P23. <i>Cryobiology</i> , 2010, 60, 271-280.	0.3	7
160	Connexin 26 (GJB2) mutations, causing KID Syndrome, are associated with cell death due to calcium gating deregulation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 394, 909-914.	1.0	33
161	Immunity, Inflammation, and Cancer. <i>Cell</i> , 2010, 140, 883-899.	13.5	8,516
162	Pterostilbene induces autophagy and apoptosis in sensitive and chemoresistant human bladder cancer cells. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 1819-1832.	1.5	75
163	Age-Dependent Increases in Apoptosis/Necrosis Ratios in Human Lymphocytes Exposed to Oxidative Stress. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 732-740.	1.7	27
164	Photo induced hexylaminolevulinat destruction of rat bladder cells AY-27. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1072-1079.	1.6	8

#	ARTICLE	IF	CITATIONS
165	Loss of parietal cell superoxide dismutase leads to gastric oxidative stress and increased injury susceptibility in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, G537-G546.	1.6	13
166	Measurement of Caspase Activity: From Cell Populations to Individual Cells. <i>Methods in Molecular Biology</i> , 2011, 740, 65-79.	0.4	1
167	Nonthermal-plasma-mediated animal cell death. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 013001.	1.3	22
168	Autoinflammation by Endogenous DNA. <i>Advances in Immunology</i> , 2011, 110, 139-161.	1.1	24
169	¹ H magnetic resonance spectroscopy metabolites as biomarkers for cell cycle arrest and cell death in rat glioma cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 990-1001.	1.2	35
170	p53 and autophagy in cancer: Guardian of the genome meets guardian of the proteome. <i>European Journal of Cancer</i> , 2011, 47, 44-50.	1.3	103
171	Benzo(a)pyrene-induced mitochondrial dysfunction and cell death in p53-null Hep3B cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 726, 75-83.	0.9	42
172	Diazoxide Suppresses Hepatic Ischemia/Reperfusion Injury After Mouse Liver Transplantation by a BCL-2-Dependent Mechanism. <i>Journal of Surgical Research</i> , 2011, 169, e155-e166.	0.8	17
173	Formulation and numerical simulations of a continuum model of avascular tumor growth. <i>Mathematical Biosciences</i> , 2011, 231, 159-171.	0.9	8
174	Water-soluble germanium nanoparticles cause necrotic cell death and the damage can be attenuated by blocking the transduction of necrotic signaling pathway. <i>Toxicology Letters</i> , 2011, 207, 258-269.	0.4	29
175	Glutathione in Cancer Cell Death. <i>Cancers</i> , 2011, 3, 1285-1310.	1.7	247
176	CELL INJURY AND CELL DEATH. , 0, , 1-11.		0
177	Pancreatic β -Cell Death in Response to Pro-Inflammatory Cytokines Is Distinct from Genuine Apoptosis. <i>PLoS ONE</i> , 2011, 6, e22485.	1.1	65
178	Mitotic Catastrophe Occurs in the Absence of Apoptosis in p53-Null Cells with a Defective G1 Checkpoint. <i>PLoS ONE</i> , 2011, 6, e22946.	1.1	54
179	Fatty Liver and Ischemia/Reperfusion: Are there Drugs Able to Mitigate Injury?. <i>Current Medicinal Chemistry</i> , 2011, 18, 4987-5002.	1.2	22
180	Necrotic cell death: harnessing the Dark side of the Force in mammary gland involution. <i>Nature Cell Biology</i> , 2011, 13, 197-199.	4.6	10
181	zVAD-induced necroptosis in L929 cells depends on autocrine production of TNF α mediated by the PKC β -MAPKs β -AP-1 pathway. <i>Cell Death and Differentiation</i> , 2011, 18, 26-37.	5.0	160
182	Peptidoglycan Induces Necrosis and Regulates Cytokine Production in Murine Trophoblast Stem Cells. <i>American Journal of Reproductive Immunology</i> , 2011, 66, 209-222.	1.2	12

#	ARTICLE	IF	CITATIONS
183	Metabolic approaches to overcoming chemoresistance in ovarian cancer. <i>Annals of the New York Academy of Sciences</i> , 2011, 1229, 53-60.	1.8	46
184	Photosensitization Reaction-Induced Acute Electrophysiological Cell Response of Rat Myocardial Cells in Short Loading Periods of Talaporfin Sodium or Porfimer Sodium. <i>Photochemistry and Photobiology</i> , 2011, 87, 199-207.	1.3	18
185	Overexpression of hepatoma-derived growth factor in melanocytes does not lead to oncogenic transformation. <i>BMC Cancer</i> , 2011, 11, 457.	1.1	7
186	Photodynamic therapy of cancer: An update. <i>Ca-A Cancer Journal for Clinicians</i> , 2011, 61, 250-281.	157.7	3,902
187	Targeting inflammation-induced transcription factor activation: an open frontier for glioma therapy. <i>Drug Discovery Today</i> , 2011, 16, 1044-1051.	3.2	41
188	Hallmarks of Cancer: The Next Generation. <i>Cell</i> , 2011, 144, 646-674.	13.5	52,242
189	Classes of programmed cell death in plants, compared to those in animals. <i>Journal of Experimental Botany</i> , 2011, 62, 4749-4761.	2.4	214
190	Effect of Hypoxia on Expression of Selected Proteins Involved in Regulation of Apoptotic Activity in Striatum of Newborn Piglets. <i>Neurochemical Research</i> , 2011, 36, 746-753.	1.6	5
191	The Mitochondrial Permeability Transition Pore and the Cardiac Necrotic Program. <i>Pediatric Cardiology</i> , 2011, 32, 258-262.	0.6	40
192	Necroptosis: Biochemical, Physiological and Pathological Aspects. <i>Pathology and Oncology Research</i> , 2011, 17, 791-800.	0.9	59
193	An overview of inflammation: mechanism and consequences. <i>Frontiers in Biology</i> , 2011, 6, 274.	0.7	158
194	Homeobox gene Dlx-2 is implicated in metabolic stress-induced necrosis. <i>Molecular Cancer</i> , 2011, 10, 113.	7.9	26
195	Differential cytotoxic responses to low- and high-dose photodynamic therapy in human gastric and bladder cancer cells. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 3061-3071.	1.2	25
196	Pathway of programmed cell death in HeLa cells induced by polymeric anti-cancer drugs. <i>Biomaterials</i> , 2011, 32, 3637-3646.	5.7	17
197	The propeptide of yeast cathepsin D inhibits programmed necrosis. <i>Cell Death and Disease</i> , 2011, 2, e161-e161.	2.7	55
198	Transglutaminase 2 at the Crossroads between Cell Death and Survival. <i>Advances in Enzymology and Related Areas of Molecular Biology</i> , 2011, 78, 197-246.	1.3	18
199	Ischemia/reperfusion injury and cardioprotective mechanisms: Role of mitochondria and reactive oxygen species. <i>World Journal of Cardiology</i> , 2011, 3, 186.	0.5	268
200	Calcium signals and calpain-dependent necrosis are essential for release of coxsackievirus B from polarized intestinal epithelial cells. <i>Molecular Biology of the Cell</i> , 2011, 22, 3010-3021.	0.9	42

#	ARTICLE	IF	CITATIONS
201	<i>PERSISTENT TAPETAL CELL1</i> Encodes a PHD-Finger Protein That Is Required for Tapetal Cell Death and Pollen Development in Rice. <i>Plant Physiology</i> , 2011, 156, 615-630.	2.3	256
202	DNA Alkylating Therapy Induces Tumor Regression through an HMGB1-Mediated Activation of Innate Immunity. <i>Journal of Immunology</i> , 2011, 186, 3517-3526.	0.4	79
203	Sodium Pyruvate Modulates Cell Death Pathways in HaCaT Keratinocytes Exposed to Half-Mustard Gas. <i>International Journal of Toxicology</i> , 2011, 30, 197-206.	0.6	12
204	Oxidative Stress and Programmed Cell Death in Yeast. <i>Frontiers in Oncology</i> , 2012, 2, 64.	1.3	225
205	Role of polyphenols in cell death control. <i>Nutritional Neuroscience</i> , 2012, 15, 134-149.	1.5	47
206	Cytokine-mediated β -cell damage in PARP-1-deficient islets. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E172-E179.	1.8	22
207	Prevention of Cellular Suicide by Cytomegaloviruses. <i>Viruses</i> , 2012, 4, 1928-1949.	1.5	31
208	Hypoxia-induced autophagy. <i>Autophagy</i> , 2012, 8, 704-706.	4.3	56
209	A possible mechanism of renal cell death after ischemia/reperfusion. <i>Kidney International</i> , 2012, 81, 720-721.	2.6	19
210	Reactive Oxygen Species-Mediated p53 Core-Domain Modifications Determine Apoptotic or Necrotic Death in Cancer Cells. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 400-412.	2.5	16
211	Tumor microenvironment and breast cancer progression. <i>Cancer Biology and Therapy</i> , 2012, 13, 14-24.	1.5	44
212	A Small-Molecule Inhibitor of Glucose Transporter 1 Downregulates Glycolysis, Induces Cell-Cycle Arrest, and Inhibits Cancer Cell Growth <i>In Vitro</i> and <i>In Vivo</i> . <i>Molecular Cancer Therapeutics</i> , 2012, 11, 1672-1682.	1.9	439
213	Experimental and clinical evidence of antioxidant therapy in acute pancreatitis. <i>World Journal of Gastroenterology</i> , 2012, 18, 5533.	1.4	50
214	Study of <i>Trypanosoma cruzi</i> epimastigote cell death by NMR-visible mobile lipid analysis. <i>Parasitology</i> , 2012, 139, 506-515.	0.7	9
215	Lymphotoxin, NF- κ B, and Cancer: The Dark Side of Cytokines. <i>Digestive Diseases</i> , 2012, 30, 453-468.	0.8	61
216	Matrix metalloproteinases: Potential therapy to prevent the development of second malignancies after breast radiotherapy. <i>Surgical Oncology</i> , 2012, 21, e143-e151.	0.8	62
217	Staurosporine induces apoptosis and necroptosis in cultured rat astrocytes. <i>Drug and Chemical Toxicology</i> , 2012, 35, 399-405.	1.2	14
218	An excitation ratiometric Zn ²⁺ sensor with mitochondria-targetability for monitoring of mitochondrial Zn ²⁺ release upon different stimulations. <i>Chemical Communications</i> , 2012, 48, 8365.	2.2	77

#	ARTICLE	IF	CITATIONS
219	Metabolic Stress in Autophagy and Cell Death Pathways. Cold Spring Harbor Perspectives in Biology, 2012, 4, a008763-a008763.	2.3	148
220	The extracellular release of DNA and HMGB1 from Jurkat T cells during <i>in vitro</i> necrotic cell death. Innate Immunity, 2012, 18, 727-737.	1.1	55
221	Lysosomes as a Possible Target of Enniatin B-Induced Toxicity in Caco-2 Cells. Chemical Research in Toxicology, 2012, 25, 1662-1674.	1.7	53
222	p53 Opens the Mitochondrial Permeability Transition Pore to Trigger Necrosis. Cell, 2012, 149, 1536-1548.	13.5	644
223	Wnt/Snail Signaling Regulates Cytochrome <i>c</i> Oxidase and Glucose Metabolism. Cancer Research, 2012, 72, 3607-3617.	0.4	163
224	New Insights into the Mechanisms for Photodynamic Therapy-Induced Cancer Cell Death. International Review of Cell and Molecular Biology, 2012, 295, 139-174.	1.6	122
225	Heparin can liberate high molecular weight DNA from secondary necrotic cells. Cell Biology International, 2012, 36, 1281-1286.	1.4	0
226	Subcellular targets of cisplatin cytotoxicity: An integrated view. , 2012, 136, 35-55.		148
227	Induction of the permeability transition pore in cells depleted of mitochondrial DNA. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 1860-1866.	0.5	51
228	Osteocyte Network; a Negative Regulatory System for Bone Mass Augmented by the Induction of Rankl in Osteoblasts and Sost in Osteocytes at Unloading. PLoS ONE, 2012, 7, e40143.	1.1	81
229	Staurosporine Induces Necroptotic Cell Death under Caspase-Compromised Conditions in U937 Cells. PLoS ONE, 2012, 7, e41945.	1.1	90
230	Englerin A Selectively Induces Necrosis in Human Renal Cancer Cells. PLoS ONE, 2012, 7, e48032.	1.1	37
231	The Role of Bcl-2 Family Proteins in Therapy Responses of Malignant Astrocytic Gliomas: Bcl2L12 and Beyond. Scientific World Journal, The, 2012, 2012, 1-8.	0.8	46
232	Glucocorticoid-Induced Cardioprotection: A Novel Role for Autophagy. , 0, , .		0
233	The Mitochondrial Permeability Transition Pore and its Role in Anaesthesia-Triggered Cellular Protection during Ischaemia-Reperfusion Injury. Anaesthesia and Intensive Care, 2012, 40, 46-70.	0.2	17
234	Cell Death and Cancer, Novel Therapeutic Strategies. , 0, , .		8
235	Bax regulates primary necrosis through mitochondrial dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6566-6571.	3.3	250
236	Targeting the p53 signaling pathway in cancer therapy – the promises, challenges and perils. Expert Opinion on Therapeutic Targets, 2012, 16, 67-83.	1.5	162

#	ARTICLE	IF	CITATIONS
237	Coenzyme depletion by members of the aerolysin family of pore-forming toxins leads to diminished ATP levels and cell death. <i>Molecular BioSystems</i> , 2012, 8, 2097.	2.9	18
238	Generation of reactive oxygen species by grape seed extract causes irreparable DNA damage leading to G2/M arrest and apoptosis selectively in head and neck squamous cell carcinoma cells. <i>Carcinogenesis</i> , 2012, 33, 848-858.	1.3	50
239	The hallmarks of cancer. <i>RNA Biology</i> , 2012, 9, 703-719.	1.5	1,627
240	Radioresistant Sf9 insect cells display moderate resistance against cumene hydroperoxide. <i>Molecular and Cellular Biochemistry</i> , 2012, 367, 141-151.	1.4	10
241	Hsp70.1 and related lysosomal factors for necrotic neuronal death. <i>Journal of Neurochemistry</i> , 2012, 120, 477-494.	2.1	69
242	Systems biology of yeast cell death. <i>FEMS Yeast Research</i> , 2012, 12, 249-265.	1.1	51
243	Aptamer-conjugated and drug-loaded acoustic droplets for ultrasound theranosis. <i>Biomaterials</i> , 2012, 33, 1939-1947.	5.7	177
244	From cancer metabolism to new biomarkers and drug targets. <i>Biotechnology Advances</i> , 2012, 30, 30-51.	6.0	62
245	Mechanism and Efficiency of Cell Death of Type II Photosensitizers: Effect of Zinc Chelation. <i>Photochemistry and Photobiology</i> , 2012, 88, 774-781.	1.3	32
246	Autophagy is a survival force via suppression of necrotic cell death. <i>Experimental Cell Research</i> , 2012, 318, 1304-1308.	1.2	70
247	HepG2 cells infected with <i>Klebsiella pneumoniae</i> show DNA laddering at apoptotic and necrotic stages. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012, 17, 154-163.	2.2	11
248	Azacytidine induces necrosis of multiple myeloma cells through oxidative stress. <i>Proteome Science</i> , 2013, 11, 24.	0.7	13
249	Autophagy lessens ischemic liver injury by reducing oxidative damage. <i>Cell and Bioscience</i> , 2013, 3, 26.	2.1	38
250	Signals regulating necrosis of cardiomyoblast by BTG2/TIS21/PC3 via activation of GSK3 β and opening of mitochondrial permeability transition pore in response to H ₂ O ₂ . <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 559-565.	1.0	11
251	High resolution respirometry analysis of polyethylenimine-mediated mitochondrial energy crisis and cellular stress: Mitochondrial proton leak and inhibition of the electron transport system. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2013, 1827, 1213-1225.	0.5	63
252	Crosstalk from survival to necrotic death coexists in DU-145 cells by curcumin treatment. <i>Cellular Signalling</i> , 2013, 25, 1288-1300.	1.7	19
253	Synthesis and biological evaluation of ⁶⁸ Ga labeled bis-DOTA-3,3'-bis(benzylidene)-bis-(1H-indole-2-carbohydrazide) as a PET tracer for in vivo visualization of necrosis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3216-3220.	1.0	8
254	Virus infection, antiviral immunity, and autoimmunity. <i>Immunological Reviews</i> , 2013, 255, 197-209.	2.8	238

#	ARTICLE	IF	CITATIONS
255	Monolayered multipolymeric buccal films with drug and polymers of opposing solubilities for ARV therapy: Physico-mechanical evaluation and molecular mechanics modelling. <i>International Journal of Pharmaceutics</i> , 2013, 455, 197-212.	2.6	16
256	<i>Cryptococcus neoformans</i> Promotes Its Transmigration into the Central Nervous System by Inducing Molecular and Cellular Changes in Brain Endothelial Cells. <i>Infection and Immunity</i> , 2013, 81, 3139-3147.	1.0	57
257	Roles of Poly(ADP-Ribose) Glycohydrolase in DNA Damage and Apoptosis. <i>International Review of Cell and Molecular Biology</i> , 2013, 304, 227-281.	1.6	52
258	Biodegradable cationic nanoparticles loaded with an anticancer drug for deep penetration of heterogeneous tumours. <i>Biomaterials</i> , 2013, 34, 7674-7682.	5.7	88
259	Beauvericin-induced cytotoxicity via ROS production and mitochondrial damage in Caco-2 cells. <i>Toxicology Letters</i> , 2013, 222, 204-211.	0.4	91
260	A systems approach for analysis of high content screening assay data with topic modeling. <i>BMC Bioinformatics</i> , 2013, 14, S11.	1.2	19
261	Heterozygous p.Asp50Asn mutation in the GJB2 gene in two Cameroonian patients with keratitis-ichthyosis-deafness (KID) syndrome. <i>BMC Medical Genetics</i> , 2013, 14, 81.	2.1	13
262	How Does the Cell Overcome LCP Nanoparticle-Induced Calcium Toxicity?. <i>Molecular Pharmaceutics</i> , 2013, 10, 4391-4395.	2.3	38
263	Cytotoxic, pro-apoptotic, pro-oxidant, and non-genotoxic activities of a novel copper(II) complex against human cervical cancer. <i>Toxicology</i> , 2013, 314, 155-165.	2.0	19
264	Development of hybrid small molecules that induce degradation of estrogen receptor α and necrotic cell death in breast cancer cells. <i>Cancer Science</i> , 2013, 104, 1492-1498.	1.7	112
265	Both TMEM16F-dependent and TMEM16F-independent pathways contribute to phosphatidylserine exposure in platelet apoptosis and platelet activation. <i>Blood</i> , 2013, 121, 1850-1857.	0.6	95
266	Hyperthermia induces cytoskeletal alterations and mitotic catastrophe in p53-deficient H1299 lung cancer cells. <i>Acta Histochemica</i> , 2013, 115, 8-15.	0.9	34
267	Mitochondrial glutathione: Features, regulation and role in disease. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 3317-3328.	1.1	160
268	The role of reactive oxygen species and proinflammatory cytokines in type 1 diabetes pathogenesis. <i>Annals of the New York Academy of Sciences</i> , 2013, 1281, 16-35.	1.8	231
269	Stabilin-2 acts as an engulfment receptor for the phosphatidylserine-dependent clearance of primary necrotic cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 432, 412-417.	1.0	10
270	Assessment of Spirulina-PCL nanofiber for the regeneration of dermal fibroblast layers. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2013, 49, 27-33.	0.7	28
271	Determination of apoptotic and necrotic cell death in vitro and in vivo. <i>Methods</i> , 2013, 61, 117-129.	1.9	193
272	FAS and FAS-L Genotype and Expression in Patients With Recurrent Pregnancy Loss. <i>Reproductive Sciences</i> , 2013, 20, 1111-1115.	1.1	17

#	ARTICLE	IF	CITATIONS
273	PEG2000â€”PSEâ€”coated quercetin nanoparticles remarkably enhanced anticancer effects through induced programmed cell death on C6 glioma cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101, 3076-3085.	2.1	23
274	Functions of the osteocyte network in the regulation of bone mass. <i>Cell and Tissue Research</i> , 2013, 352, 191-198.	1.5	85
275	Relapsing Polychondritis. <i>Rheumatic Disease Clinics of North America</i> , 2013, 39, 263-276.	0.8	45
276	Detection and Measurement of Necrosis in Plants. <i>Methods in Molecular Biology</i> , 2013, 1004, 229-248.	0.4	11
277	Modeling Calcium-Overload Mediated Necrosis in <i>Drosophila</i> . <i>Methods in Molecular Biology</i> , 2013, 1004, 203-213.	0.4	4
278	Navigation to the Graveyard-Induction of Various Pathways of Necrosis and Their Classification by Flow Cytometry. <i>Methods in Molecular Biology</i> , 2013, 1004, 3-15.	0.4	31
279	Palladium(II) saccharinate complexes with bis(2-pyridylmethyl)amine induce cell death by apoptosis in human breast cancer cells in vitro. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3016-3021.	1.4	37
280	Crosstalk between apoptosis, necrosis and autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 3448-3459.	1.9	1,099
281	p53 regulates a non-apoptotic death induced by ROS. <i>Cell Death and Differentiation</i> , 2013, 20, 1465-1474.	5.0	115
282	p53 talks to PARP: the increasing complexity of p53-induced cell death. <i>Cell Death and Differentiation</i> , 2013, 20, 1438-1439.	5.0	24
283	Mitochondrial Delivery of Doxorubicin by Triphenylphosphonium-Functionalized Hyperbranched Nanocarriers Results in Rapid and Severe Cytotoxicity. <i>Pharmaceutical Research</i> , 2013, 30, 2832-2842.	1.7	63
284	Redox Regulation of T-Cell Function: From Molecular Mechanisms to Significance in Human Health and Disease. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1497-1534.	2.5	179
285	Evaluation of EPS-PCL Nanofibers as a Nanobiocomposite for Artificial Skin Based on Dermal Fibroblast Culture. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-6.	1.5	4
286	2-Vessel Occlusion/Hypotension: A Rat Model of Global Brain Ischemia. <i>Journal of Visualized Experiments</i> , 2013, . .	0.2	18
287	Anthranilate Fluorescence Marks a Calcium-Propagated Necrotic Wave That Promotes Organismal Death in <i>C. elegans</i> . <i>PLoS Biology</i> , 2013, 11, e1001613.	2.6	123
288	Loss of estrogen-related receptor β promotes hepatocarcinogenesis development via metabolic and inflammatory disturbances. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17975-17980.	3.3	60
289	Gramicidin A Induces Metabolic Dysfunction and Energy Depletion Leading to Cell Death in Renal Cell Carcinoma Cells. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 2296-2307.	1.9	26
290	The cDNA cloning of a novel bacterial blight-resistance gene ME137. <i>Acta Biochimica Et Biophysica Sinica</i> , 2013, 45, 422-424.	0.9	4

#	ARTICLE	IF	CITATIONS
291	Diffusion of hyperpolarized ^{13}C metabolites in tumor cell spheroids using real-time NMR spectroscopy. <i>NMR in Biomedicine</i> , 2013, 26, 557-568.	1.6	40
292	FoxO1 is crucial for sustaining cardiomyocyte metabolism and cell survival. <i>Cardiovascular Research</i> , 2013, 97, 393-403.	1.8	122
293	Human ALKBH7 is required for alkylation and oxidation-induced programmed necrosis. <i>Genes and Development</i> , 2013, 27, 1089-1100.	2.7	66
294	Differential regulation of cell death programs in males and females by Poly (ADP-Ribose) Polymerase-1 and 17β estradiol. <i>Cell Death and Disease</i> , 2013, 4, e758-e758.	2.7	43
295	Retinitis pigmentosa: rapid neurodegeneration is governed by slow cell death mechanisms. <i>Cell Death and Disease</i> , 2013, 4, e488-e488.	2.7	67
296	Apoptotic microtubules delimit an active caspase free area in the cellular cortex during the execution phase of apoptosis. <i>Cell Death and Disease</i> , 2013, 4, e527-e527.	2.7	24
297	Apoptosis of osteosarcoma cultures by the combination of the cyclin-dependent kinase inhibitor SCH727965 and a heat shock protein 90 inhibitor. <i>Cell Death and Disease</i> , 2013, 4, e566-e566.	2.7	18
298	Negative Regulation of 26S Proteasome Stability via Calpain-mediated Cleavage of Rpn10 Subunit upon Mitochondrial Dysfunction in Neurons. <i>Journal of Biological Chemistry</i> , 2013, 288, 12161-12174.	1.6	59
299	Phosphorylated K-Ras limits cell survival by blocking Bcl-xL sensitization of inositol trisphosphate receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20593-20598.	3.3	86
300	Catalase Abrogates H_2O_2 -Lapachone-Induced PARP1 Hyperactivation-Directed Programmed Necrosis in NQO1-Positive Breast Cancers. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 2110-2120.	1.9	85
301	Early growth response 1 regulates glucose deprivation-induced necrosis. <i>Oncology Reports</i> , 2013, 29, 669-675.	1.2	21
302	CD14 Contributes to Warm Hepatic Ischemia-Reperfusion Injury in Mice. <i>Shock</i> , 2013, 40, 115-121.	1.0	18
303	Cell Death and Bacterial Infection. <i>Journal of Bacteriology and Virology</i> , 2013, 43, 85.	0.0	4
304	Differentiating haemostasis from thrombosis for therapeutic benefit. <i>Thrombosis and Haemostasis</i> , 2013, 110, 859-867.	1.8	46
306	Oxidative Stress Induces Monocyte Necrosis with Enrichment of Cell-Bound Albumin and Overexpression of Endoplasmic Reticulum and Mitochondrial Chaperones. <i>PLoS ONE</i> , 2013, 8, e59610.	1.1	20
307	Areca Nut Extract Induces Pyknotic Necrosis in Serum-Starved Oral Cells via Increasing Reactive Oxygen Species and Inhibiting GSK3 β : An Implication for Cytopathic Effects in Betel Quid Chewers. <i>PLoS ONE</i> , 2013, 8, e63295.	1.1	15
308	<i>Clostridium perfringens</i> Beta-Toxin Induces Necrostatin-Inhibitable, Calpain-Dependent Necrosis in Primary Porcine Endothelial Cells. <i>PLoS ONE</i> , 2013, 8, e64644.	1.1	48
309	Low expression of mixed lineage kinase domain-like protein is associated with poor prognosis in ovarian cancer patients. <i>OncoTargets and Therapy</i> , 2013, 6, 1539.	1.0	71

#	ARTICLE	IF	CITATIONS
310	Epigallocatechin-3-gallate Inhibits Ocular Neovascularization and Vascular Permeability in Human Retinal Pigment Epithelial and Human Retinal Microvascular Endothelial Cells via Suppression of MMP-9 and VEGF Activation. <i>Molecules</i> , 2014, 19, 12150-12172.	1.7	78
311	1-[2-(2-Methoxyphenylamino)ethylamino]-3-(naphthalene-1-yl)oxy)propan-2-ol May Be a Promising Anticancer Drug. <i>Molecules</i> , 2014, 19, 21462-21472.	1.7	10
312	Cell Death and DAMPs in Acute Pancreatitis. <i>Molecular Medicine</i> , 2014, 20, 466-477.	1.9	119
313	Indirect Effects of Radiation Induce Apoptosis and Neuroinflammation in Neuronal SH-SY5Y Cells. <i>Neurochemical Research</i> , 2014, 39, 2334-2342.	1.6	17
314	Proteases involved during oxidative stress-induced poly(ADP-ribose) polymerase-mediated cell death in <i>Dictyostelium discoideum</i> . <i>Microbiology (United Kingdom)</i> , 2014, 160, 1101-1111.	0.7	15
315	Stabilization of apoptotic cells: generation of zombie cells. <i>Cell Death and Disease</i> , 2014, 5, e1369-e1369.	2.7	7
316	Caspase-dependent cell death-associated release of nucleosome and damage-associated molecular patterns. <i>Cell Death and Disease</i> , 2014, 5, e1494-e1494.	2.7	24
317	<i>Persea declinata</i> (Bl.) Kosterm Bark Crude Extract Induces Apoptosis in MCF-7 Cells via G0/G1 Cell Cycle Arrest, Bcl-2/Bax/Bcl-xl Signaling Pathways, and ROS Generation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-14.	0.5	5
318	Proteomic Analysis of Gossypol Induces Necrosis in Multiple Myeloma Cells. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	11
319	Damage of Neuroblastoma Cell SH-SY5Y Mediated by MPP+ Inhibits Proliferation of T-Cell Leukemia Jurkat by Co-Culture System. <i>International Journal of Molecular Sciences</i> , 2014, 15, 10738-10750.	1.8	6
320	Mitochondrial death functions of p53. <i>Molecular and Cellular Oncology</i> , 2014, 1, e955995.	0.3	67
321	Execution of RIPK3-regulated necrosis. <i>Molecular and Cellular Oncology</i> , 2014, 1, e960759.	0.3	30
322	Neuronal necrosis is regulated by a conserved chromatin-modifying cascade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13960-13965.	3.3	32
323	Polycation-Mediated Integrated Cell Death Processes. <i>Advances in Genetics</i> , 2014, 88, 353-398.	0.8	21
324	Exhaustive exercise – A near death experience for skeletal muscle cells?. <i>Medical Hypotheses</i> , 2014, 83, 758-765.	0.8	21
325	How do I kill thee? Let me count the ways: p53 regulates PARP1 dependent necrosis. <i>BioEssays</i> , 2014, 36, 46-51.	1.2	28
326	Role of activating transcription factor3 protein ATF3 in necrosis and apoptosis induced by 5-fluorodeoxyuridine. <i>FEBS Journal</i> , 2014, 281, 1892-1900.	2.2	22
327	Ageing and cell death in the other yeasts, <i>Schizosaccharomyces pombe</i> and <i>Candida albicans</i> . <i>FEMS Yeast Research</i> , 2014, 14, 119-135.	1.1	64

#	ARTICLE	IF	CITATIONS
328	Novel Analogue of Colchicine Induces Selective Pro-Death Autophagy and Necrosis in Human Cancer Cells. PLoS ONE, 2014, 9, e87064.	1.1	52
329	The histological and immunohistochemical study of the effect of leptin on the pars distalis of the pituitary gland in female albino rats. Egyptian Journal of Histology, 2014, 37, 82-92.	0.0	0
330	PARP Activation and Necrotic Cell Death. , 2014, , 163-175.		5
331	p53 Opens the Mitochondrial Permeability Transition Pore to Trigger Necrosis in Response to Oxidative Damage. , 2014, , 195-209.		0
332	Autophagic Cell Death: A Real Killer, an Accomplice, or an Innocent Bystander?. , 2014, , 211-232.		0
333	Autophagy in Necrosis: A Force for Survival. , 2014, , 233-252.		0
334	Nanotechnology in drug delivery: the need for more cell culture based studies in screening. Chemistry Central Journal, 2014, 8, 46.	2.6	18
335	Double-strand breaks on F98 glioma rat cells induced by minibeam and broad-beam synchrotron radiation therapy. Clinical and Translational Oncology, 2014, 16, 696-701.	1.2	1
336	Flow cytometry as a rapid and reliable method to quantify sperm viability in the honeybee <i>Apis mellifera</i> . Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2014, 85, 463-472.	1.1	22
338	Plasma membrane translocation of trimerized MLKL protein is required for TNF-induced necroptosis. Nature Cell Biology, 2014, 16, 55-65.	4.6	1,022
339	Endovascular laser-tissue interactions and biological responses in relation to endovenous laser therapy. Lasers in Medical Science, 2014, 29, 405-422.	1.0	24
340	Protein binding and biological evaluation of a polymer-anchored cobalt(^{III}) complex containing a 2,2'-bipyridine ligand. RSC Advances, 2014, 4, 57483-57492.	1.7	28
341	Hepatotoxicity and liver injury induced by hydroxyapatite nanoparticles. Journal of Applied Toxicology, 2014, 34, 1256-1264.	1.4	19
342	Bifurcation analysis of an existing mathematical model reveals novel treatment strategies and suggests potential cure for type 1 diabetes. Mathematical Medicine and Biology, 2014, 31, 205-225.	0.8	4
343	Novel oleic acid derivatives enhance buccal permeation of didanosine. Drug Development and Industrial Pharmacy, 2014, 40, 657-668.	0.9	17
344	2-Phenylethanesulfonamide (PES) uncovers a necrotic process regulated by oxidative stress and p53. Biochemical Pharmacology, 2014, 91, 301-311.	2.0	10
345	Genetic inhibition of protein kinase C δ attenuates necrosis in experimental pancreatitis. American Journal of Physiology - Renal Physiology, 2014, 307, G550-G563.	1.6	13
346	Integration of pharmacokinetic and NRF2 system biology models to describe reactive oxygen species production and subsequent glutathione depletion in liver microfluidic biochips after flutamide exposure. Toxicology in Vitro, 2014, 28, 1230-1241.	1.1	17

#	ARTICLE	IF	CITATIONS
347	Piper betle leaf extract enhances the cytotoxicity effect of 5-fluorouracil in inhibiting the growth of HT29 and HCT116 colon cancer cells. <i>Journal of Zhejiang University: Science B</i> , 2014, 15, 692-700.	1.3	22
348	Apoptotic cells subjected to cold/warming exposure disorganize apoptotic microtubule network and undergo secondary necrosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 1364-1377.	2.2	7
349	A cellular automaton model examining the effects of oxygen, hydrogen ions and lactate on early tumour growth. <i>Journal of Mathematical Biology</i> , 2014, 69, 839-873.	0.8	11
350	Living in shear: platelets protect cancer cells from shear induced damage. <i>Clinical and Experimental Metastasis</i> , 2014, 31, 697-704.	1.7	112
351	HMGB1 in health and disease. <i>Molecular Aspects of Medicine</i> , 2014, 40, 1-116.	2.7	763
352	The Emerging Role of Autoimmunity in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/cfs). <i>Molecular Neurobiology</i> , 2014, 49, 741-756.	1.9	87
353	Consequences of activating the calcium-permeable ion channel TRPV1 in breast cancer cells with regulated TRPV1 expression. <i>Cell Calcium</i> , 2014, 56, 59-67.	1.1	66
354	Relationship Between Redox Status and Cell Fate in Immunity and Autoimmunity. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 103-122.	2.5	26
355	Histone deacetylase inhibitors and cell death. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 3885-3901.	2.4	161
356	A review of the differing roles of dead and live osteocytes. <i>Journal of Oral Biosciences</i> , 2014, 56, 101-104.	0.8	2
357	Bothropoides insularis venom cytotoxicity in renal tubular epithelia cells. <i>Toxicon</i> , 2014, 88, 107-114.	0.8	17
358	Different involvement of extracellular calcium in two modes of cell death induced by nanosecond pulsed electric fields. <i>Archives of Biochemistry and Biophysics</i> , 2014, 555-556, 47-54.	1.4	51
359	Caspase-independent apoptosis in infected macrophages triggered by sulforaphane via Nrf2/p38 signaling pathways. <i>Cell Death Discovery</i> , 2015, 1, 15022.	2.0	28
360	Doxorubicin-induced necrosis is mediated by poly-(ADP-ribose) polymerase 1 (PARP1) but is independent of p53. <i>Scientific Reports</i> , 2015, 5, 15798.	1.6	87
361	Structural and functional analysis of cell adhesion and nuclear envelope nano-topography in cell death. <i>Scientific Reports</i> , 2015, 5, 15623.	1.6	30
362	Perezona, from the gorgonian <i>Pseudopterogorgia rigida</i> , induces oxidative stress in human leukemia cells. <i>Revista Brasileira De Farmacognosia</i> , 2015, 25, 634-640.	0.6	8
363	Eastern equine encephalitis virus in mice II: pathogenesis is dependent on route of exposure. <i>Virology Journal</i> , 2015, 12, 154.	1.4	24
364	Establishment of a specific cell death induction system in <i>Bombyx mori</i> by a transgene with the conserved apoptotic regulator, mouse Bcl-2 associated X protein (mouse Bax). <i>Insect Molecular Biology</i> , 2015, 24, 671-680.	1.0	14

#	ARTICLE	IF	CITATIONS
365	O-naphthoquinone isolated from <i>Capraria biflora</i> L. induces selective cytotoxicity in tumor cell lines. <i>Genetics and Molecular Research</i> , 2015, 14, 17472-17481.	0.3	7
366	Cytotoxic Effects of Tropodithietic Acid on Mammalian Clonal Cell Lines of Neuronal and Glial Origin. <i>Marine Drugs</i> , 2015, 13, 7113-7123.	2.2	9
367	Between Armour and Weapons – Cell Death Mechanisms in Trypanosomatid Parasites. , 2015, , .		1
368	Photodynamic Efficiency: From Molecular Photochemistry to Cell Death. <i>International Journal of Molecular Sciences</i> , 2015, 16, 20523-20559.	1.8	291
369	Drug Carrier for Photodynamic Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 22094-22136.	1.8	190
370	Evaluation of the Cytotoxicity of Structurally Correlated p-Menthane Derivatives. <i>Molecules</i> , 2015, 20, 13264-13280.	1.7	34
371	Necrotic Cells Actively Attract Phagocytes through the Collaborative Action of Two Distinct PS-Exposure Mechanisms. <i>PLoS Genetics</i> , 2015, 11, e1005285.	1.5	37
372	¹ H HR-MAS NMR Based Metabolic Profiling of Cells in Response to Treatment with a Hexacationic Ruthenium Metallaprisim as Potential Anticancer Drug. <i>PLoS ONE</i> , 2015, 10, e0128478.	1.1	30
373	Circulating IgM Requires Plasma Membrane Disruption to Bind Apoptotic and Non-Apoptotic Nucleated Cells and Erythrocytes. <i>PLoS ONE</i> , 2015, 10, e0131849.	1.1	6
374	Cold Atmospheric Plasma Induces a Predominantly Necrotic Cell Death via the Microenvironment. <i>PLoS ONE</i> , 2015, 10, e0133120.	1.1	48
375	Cardiac Oxidative Stress and Inflammatory Cytokines Response after Myocardial Infarction. <i>Current Vascular Pharmacology</i> , 2015, 13, 26-36.	0.8	220
376	Antimicrobial, Antioxidant, Anti-Inflammatory, and Cytotoxic Activities of Propolis from the Stingless Bee <i>Tetragonisca fiebrigi</i> (Jataí). <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 1-11.	0.5	90
377	HMGB1 in Cell Death. , 0, , .		3
378	Deficiency of AMPK in CD8+ T cells suppresses their anti-tumor function by inducing protein phosphatase-mediated cell death. <i>Oncotarget</i> , 2015, 6, 7944-7958.	0.8	38
379	Influence of Trolox and Quercetin Combinations on Human Ovarian Cancer Cell Line A2780 and Human Breast Cancer Cell Line T47D-KBluc. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca</i> , 2015, 72, .	0.2	0
380	Myeloid-Derived Suppressor Cells. <i>Advances in Cancer Research</i> , 2015, 128, 95-139.	1.9	419
381	Ursodeoxycholic acid effectively kills drug-resistant gastric cancer cells through induction of autophagic death. <i>Oncology Reports</i> , 2015, 34, 1261-1268.	1.2	33
382	The induction of cell death by phosphine silver(I) thiocyanate complexes in SNO-esophageal cancer cells. <i>BioMetals</i> , 2015, 28, 219-228.	1.8	18

#	ARTICLE	IF	CITATIONS
383	Polyethylenimine architecture-dependent metabolic imprints and perturbation of cellular redox homeostasis. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 328-342.	0.5	28
384	Synthesis and biological evaluation of isoindoloisoquinolinone, pyroloisoquinolinone and benzoquinazolinone derivatives as poly(ADP-ribose) polymerase-1 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 488-498.	1.4	54
385	A pan caspase inhibitor decreases caspase-1, IL-1 β and IL-1 γ , and protects against necrosis of cisplatin-treated freshly isolated proximal tubules. <i>Renal Failure</i> , 2015, 37, 144-150.	0.8	16
386	Europium-doped Gd ₂ O ₃ nanotubes cause the necrosis of primary mouse bone marrow stromal cells through lysosome and mitochondrion damage. <i>Journal of Inorganic Biochemistry</i> , 2015, 146, 28-36.	1.5	28
387	Regulation of mammalian nucleotide metabolism and biosynthesis. <i>Nucleic Acids Research</i> , 2015, 43, 2466-2485.	6.5	631
388	The tuberculosis necrotizing toxin kills macrophages by hydrolyzing NAD. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 672-678.	3.6	114
389	Diarachidonoylphosphoethanolamine induces necrosis/necroptosis of malignant pleural mesothelioma cells. <i>Cellular Signalling</i> , 2015, 27, 1713-1719.	1.7	9
390	Xenotransplantation of uterine leiomyoma in Wistar rats: a pilot study. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2015, 190, 71-75.	0.5	5
391	Differential Modulation of Cellular Bioenergetics by Poly(L-lysine)s of Different Molecular Weights. <i>Biomacromolecules</i> , 2015, 16, 2119-2126.	2.6	24
392	Selective cancer-killing ability of metal-based nanoparticles: implications for cancer therapy. <i>Archives of Toxicology</i> , 2015, 89, 1895-1907.	1.9	45
393	Targeting roles of inflammatory microenvironment in lung cancer and metastasis. <i>Cancer and Metastasis Reviews</i> , 2015, 34, 319-331.	2.7	49
394	Intratumoral gold-doxorubicin is effective in treating melanoma in mice. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1365-1375.	1.7	42
395	The cytotoxic nature of <i>Acanthopanax sessiliflorus</i> stem bark extracts in human breast cancer cells. <i>Saudi Journal of Biological Sciences</i> , 2015, 22, 752-759.	1.8	23
396	A Small Molecule with Anticancer and Antimetastatic Activities Induces Rapid Mitochondrial-Associated Necrosis in Breast Cancer. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 353, 392-404.	1.3	21
397	Expression of catalase and retinoblastoma-related protein genes associates with cell death processes in Scots pine zygotic embryogenesis. <i>BMC Plant Biology</i> , 2015, 15, 88.	1.6	24
398	Repertoires of Autophagy in the Pathogenesis of Ocular Diseases. <i>Cellular Physiology and Biochemistry</i> , 2015, 35, 1663-1676.	1.1	11,181
399	Animal models for osteoporosis. <i>European Journal of Pharmacology</i> , 2015, 759, 287-294.	1.7	220
400	Analysis of Platinum and Trace Metals in Treated Glioma Rat Cells by X-Ray Fluorescence Emission. <i>Biological Trace Element Research</i> , 2015, 163, 177-183.	1.9	10

#	ARTICLE	IF	CITATIONS
401	Lipopolysaccharide Induces Alveolar Macrophage Necrosis via CD14 and the P2X7 Receptor Leading to Interleukin-1 β Release. <i>Immunity</i> , 2015, 42, 640-653.	6.6	109
402	Dual roles of nitric oxide in the regulation of tumor cell response and resistance to photodynamic therapy. <i>Redox Biology</i> , 2015, 6, 311-317.	3.9	65
403	An Overview of Programmed Cell Death Research: From Canonical to Emerging Model Species. , 2015, , 1-31.		5
404	Cucumarioside A2-2 stimulates apoptotic necrosis in Ehrlich ascites carcinoma cells. <i>Doklady Biological Sciences</i> , 2015, 462, 161-163.	0.2	6
405	Molecular mechanisms of rosmarinic acid from <i>Salvia miltiorrhiza</i> in acute lymphoblastic leukemia cells. <i>Journal of Ethnopharmacology</i> , 2015, 176, 55-68.	2.0	43
406	Cellular IAP proteins and LUBAC differentially regulate necrosome-associated RIP1 ubiquitination. <i>Cell Death and Disease</i> , 2015, 6, e1800-e1800.	2.7	91
407	The molecular era of the mitochondrial calcium uniporter. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 545-553.	16.1	280
408	An Early and Robust Activation of Caspases Heads Cells for a Regulated Form of Necrotic-like Cell Death. <i>Journal of Biological Chemistry</i> , 2015, 290, 20841-20855.	1.6	15
409	Developmental Coordination of Gamete Differentiation with Programmed Cell Death in Sporulating Yeast. <i>Eukaryotic Cell</i> , 2015, 14, 858-867.	3.4	28
410	Programmed cell death is induced by hydrogen peroxide but not by excessive ionic stress of sodium chloride in the unicellular green alga <i>Chlamydomonas reinhardtii</i> . <i>European Journal of Phycology</i> , 2015, 50, 422-438.	0.9	40
411	Cancer's Fuel Choice: New Flavors for a Picky Eater. <i>Molecular Cell</i> , 2015, 60, 514-523.	4.5	120
412	Haematopoietic cell-derived Jnk1 is crucial for chronic inflammation and carcinogenesis in an experimental model of liver injury. <i>Journal of Hepatology</i> , 2015, 62, 140-149.	1.8	20
413	HBCDD-induced sustained reduction in mitochondrial membrane potential, ATP and steroidogenesis in peripubertal rat Leydig cells. <i>Toxicology and Applied Pharmacology</i> , 2015, 282, 20-29.	1.3	9
414	Cancer may be a pathway to cell survival under persistent hypoxia and elevated ROS: A model for solid cancer initiation and early development. <i>International Journal of Cancer</i> , 2015, 136, 2001-2011.	2.3	56
415	Involvement of vacuolar H ⁺ -ATPase in killing of human melanoma cells by the sphingosine kinase analogue FTY720. <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 171-183.	1.5	19
416	Graphene nanoribbons as a drug delivery agent for lucanthone mediated therapy of glioblastoma multiforme. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 109-118.	1.7	95
417	Peptides and biocomplexes in anticancer therapy. <i>ChemistrySelect</i> , 2016, 1, .	0.7	0
418	In vitro Anticancer Activities of Some Triterpene Glycosides from Holothurians of Cucumariidae, Stichopodidae, Psolidae, Holothuriidae and Synaptidae families. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.2	4

#	ARTICLE	IF	CITATIONS
419	Cell Death in Chondrocytes, Osteoblasts, and Osteocytes. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2045.	1.8	126
420	High expression of substance P and its receptor neurokinin-1 receptor in colorectal cancer is associated with tumor progression and prognosis. <i>OncoTargets and Therapy</i> , 2016, 9, 3595.	1.0	29
421	Neuroprotective Effects of Low-Dose Statins in the Retinal Ultrastructure of Hypercholesterolemic Rabbits. <i>PLoS ONE</i> , 2016, 11, e0154800.	1.1	10
422	Glioma Stemlike Cells Enhance the Killing of Glioma Differentiated Cells by Cytotoxic Lymphocytes. <i>PLoS ONE</i> , 2016, 11, e0153433.	1.1	8
423	Can macroalgae provide promising anti-tumoral compounds? A closer look at <i>Cystoseira tamariscifolia</i> as a source for antioxidant and anti-hepatocarcinoma compounds. <i>PeerJ</i> , 2016, 4, e1704.	0.9	33
424	Functional inhibition of Hsp70 by Pifithrin-1 switches Gambogic acid induced caspase dependent cell death to caspase independent cell death in human bladder cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 2560-2573.	1.9	19
425	A comparative study of the effectiveness of cisplatin and 5-fluorouracil on cutaneous squamous human carcinoma cell line: Potential chemotherapy alternative to surgery. <i>Dermatologic Therapy</i> , 2016, 29, 341-344.	0.8	6
426	Programmed cell death pathways induced by early plant virus infection are determined by isolate virulence and stage of infection. <i>Plant Pathology</i> , 2016, 65, 1518-1528.	1.2	12
427	Bortezomib Treatment Sensitizes Oncolytic HSV-1 Treated Tumors to NK Cell Immunotherapy. <i>Clinical Cancer Research</i> , 2016, 22, 5265-5276.	3.2	65
428	Mitochondria and Mitochondrial ROS in Cancer: Novel Targets for Anticancer Therapy. <i>Journal of Cellular Physiology</i> , 2016, 231, 2570-2581.	2.0	428
429	Release mechanism of high mobility group nucleosome binding domain 1 from lipopolysaccharide-stimulated macrophages. <i>Molecular Medicine Reports</i> , 2016, 13, 3115-3120.	1.1	3
430	The impact of autophagy on cell death modalities in CRL-5876 lung adenocarcinoma cells after their exposure to ¹³⁷ I-rays and/or erlotinib. <i>Cell Biology and Toxicology</i> , 2016, 32, 83-101.	2.4	23
431	<i>In Vitro</i> and <i>In Vivo</i> Activities of 2,3-Diarylsubstituted Quinoxaline Derivatives against <i>Leishmania amazonensis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3433-3444.	1.4	36
432	Nitric Oxide Suppresses β -Cell Apoptosis by Inhibiting the DNA Damage Response. <i>Molecular and Cellular Biology</i> , 2016, 36, 2067-2077.	1.1	31
433	Free fatty acid G-protein coupled receptor signaling in M1 skewed white adipose tissue macrophages. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3665-3676.	2.4	14
434	Quantitative evaluation of ABC transporter-mediated drug resistance based on the determination of the anticancer activity of camptothecin against breast cancer stem cells using TIRF. <i>Integrative Biology (United Kingdom)</i> , 2016, 8, 704-711.	0.6	7
435	Inhibitor of Apoptosis Proteins, the Sentinels of Cell Death and Signaling. , 2016, , 390-398.		0
436	Ion channels in regulated cell death. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 2387-2403.	2.4	78

#	ARTICLE	IF	CITATIONS
437	Inhibition of <i>Setaria cervi</i> protein tyrosine phosphatases by Phenylarsine oxide: A proteomic and biochemical study. <i>Acta Tropica</i> , 2016, 159, 20-28.	0.9	10
438	Antiparasitic evaluation of betulinic acid derivatives reveals effective and selective anti- <i>Trypanosoma cruzi</i> inhibitors. <i>Experimental Parasitology</i> , 2016, 166, 108-115.	0.5	33
439	Pyroptosis as a Regulated Form of Necrosis. <i>Circulation Research</i> , 2016, 118, 1457-1460.	2.0	37
440	Synergistic Anticancer Action of Lysosomal Membrane Permeabilization and Glycolysis Inhibition. <i>Journal of Biological Chemistry</i> , 2016, 291, 22936-22948.	1.6	14
441	Differential regulation of autophagy and mitophagy in pulmonary diseases. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L433-L452.	1.3	97
442	The cellular death pattern of primary haemocytes isolated from the black tiger shrimp (<i>Penaeus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	6
443	Role of cardiac renin angiotensin system in ischemia reperfusion injury and preconditioning of heart. <i>Indian Heart Journal</i> , 2016, 68, 856-861.	0.2	25
444	Mechanisms of islet damage mediated by pancreas cold ischemia/rewarming. <i>Cryobiology</i> , 2016, 73, 126-134.	0.3	24
445	Herpes simplex encephalitis is linked with selective mitochondrial damage; a post-mortem and in vitro study. <i>Acta Neuropathologica</i> , 2016, 132, 433-451.	3.9	21
446	Prognostic value of mixed lineage kinase domain-like protein expression in the survival of patients with gastric cancer. <i>Tumor Biology</i> , 2016, 37, 13679-13685.	0.8	58
447	Cytotoxicity of diesel engine exhaust among the Chinese occupational population: a complement of cytokinesis-block micronucleus cytome. <i>Inhalation Toxicology</i> , 2016, 28, 274-280.	0.8	4
448	What Is the Pathobiology of Inflammation to Cell Death? Apoptosis, Necrosis, Necroptosis, Autophagic Cell Death, Pyroptosis, and NETosis. , 2016, , 81-106.		4
450	Delphinidin-rich extracts of <i>Hibiscus sabdariffa</i> L. trigger mitochondria-derived autophagy and necrosis through reactive oxygen species in human breast cancer cells. <i>Journal of Functional Foods</i> , 2016, 25, 279-290.	1.6	23
451	Activation of cell-surface proteases promotes necroptosis, inflammation and cell migration. <i>Cell Research</i> , 2016, 26, 886-900.	5.7	83
452	Water-soluble acacetin prodrug confers significant cardioprotection against ischemia/reperfusion injury. <i>Scientific Reports</i> , 2016, 6, 36435.	1.6	41
453	Autophagy and the invisible line between life and death. <i>European Journal of Cell Biology</i> , 2016, 95, 598-610.	1.6	32
454	Novel CHOP activator LGH00168 induces necroptosis in A549 human lung cancer cells via ROS-mediated ER stress and NF- κ B inhibition. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 1381-1390.	2.8	48
455	Partial contribution of mitochondrial permeability transition to t-butyl hydroperoxide-induced cell death. <i>Biochemistry and Biophysics Reports</i> , 2016, 7, 33-38.	0.7	2

#	ARTICLE	IF	CITATIONS
456	Complex coordinated extracellular metabolism: Acid phosphatases activate diluted human leukocyte proteins to generate energy flow as NADPH from purine nucleotide ribose. <i>Redox Biology</i> , 2016, 8, 271-284.	3.9	3
457	How are necrotic cells recognized by their predators?. <i>Worm</i> , 2016, 5, e1120400.	1.0	8
458	HEI-OC1 cells as a model for investigating drug cytotoxicity. <i>Hearing Research</i> , 2016, 335, 105-117.	0.9	98
459	Nonthermal Ablation by Using Intravascular Oxygen Radical Generation with WST11: Dynamic Tissue Effects and Implications for Focal Therapy. <i>Radiology</i> , 2016, 281, 109-118.	3.6	23
460	Cytoprotective effect of isoniazid against H ₂ O ₂ derived injury in HL-60 cells. <i>Chemico-Biological Interactions</i> , 2016, 244, 37-48.	1.7	11
461	Real-time analysis of the detailed sequence of cellular events in mAb-mediated complement-dependent cytotoxicity of B-cell lines and of chronic lymphocytic leukemia B-cells. <i>Molecular Immunology</i> , 2016, 70, 13-23.	1.0	26
462	Alkyl chain modulated cytotoxicity and antioxidant activity of bioinspired amphiphilic selenolanes. <i>Toxicology Research</i> , 2016, 5, 434-445.	0.9	17
463	Understanding PGE ₂ , LXA ₄ and LTB ₄ balance during <i>Mycobacterium tuberculosis</i> infection through mathematical model. <i>Journal of Theoretical Biology</i> , 2016, 389, 159-170.	0.8	23
464	How to train glioma cells to die: molecular challenges in cell death. <i>Journal of Neuro-Oncology</i> , 2016, 126, 377-384.	1.4	28
465	The recent progress of the mechanism and regulation of tumor necrosis in colorectal cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 453-463.	1.2	20
466	Minocycline Protects Against NLRP3 Inflammasome-Induced Inflammation and P53-Associated Apoptosis in Early Brain Injury After Subarachnoid Hemorrhage. <i>Molecular Neurobiology</i> , 2016, 53, 2668-2678.	1.9	115
467	Investigating fibroblast cells under "safe" and "injurious" blue light exposure by holographic microscopy. <i>Journal of Biophotonics</i> , 2017, 10, 919-927.	1.1	40
468	Knockdown of clusterin alters mitochondrial dynamics, facilitates necrosis in camptothecin-induced cancer stem cells. <i>Cell Biology and Toxicology</i> , 2017, 33, 307-321.	2.4	24
469	Cell dynamics in tumour environment after treatments. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20160977.	1.5	12
470	Polyplex Evolution: Understanding Biology, Optimizing Performance. <i>Molecular Therapy</i> , 2017, 25, 1476-1490.	3.7	146
471	Prokaryotic toxins provoke different types of cell deaths in the eukaryotic cells. <i>Toxin Reviews</i> , 2017, , 1-15.	1.5	0
472	Tracing the dynamics of gene transcripts after organismal death. <i>Open Biology</i> , 2017, 7, 160267.	1.5	72
473	Role for RIP1 in mediating necroptosis in experimental intracerebral hemorrhage model both in vivo and in vitro. <i>Cell Death and Disease</i> , 2017, 8, e2641-e2641.	2.7	98

#	ARTICLE	IF	CITATIONS
474	Anticarcinogenic effects of water extract of sporoderm-broken spores of <i>Ganoderma lucidum</i> on colorectal cancer in vitro and in vivo. <i>International Journal of Oncology</i> , 2017, 50, 1541-1554.	1.4	63
475	In vitro treatment of <i>Toxoplasma gondii</i> with copper(II) complexes induces apoptosis-like and cellular division alterations. <i>Veterinary Parasitology</i> , 2017, 245, 141-152.	0.7	9
476	A perillyl alcohol-conjugated analog of 3-bromopyruvate without cellular uptake dependency on monocarboxylate transporter 1 and with activity in 3-BP-resistant tumor cells. <i>Cancer Letters</i> , 2017, 400, 161-174.	3.2	11
477	Oral subchronic exposure to silver nanoparticles causes renal damage through apoptotic impairment and necrotic cell death. <i>Nanotoxicology</i> , 2017, 11, 671-686.	1.6	48
478	Metronomic treatment in immunocompetent preclinical GL261 glioblastoma: effects of cyclophosphamide and temozolomide. <i>NMR in Biomedicine</i> , 2017, 30, e3748.	1.6	23
479	Inflammatory mediator ultra-low-molecular-weight hyaluronan triggers necrosis of B-precursor leukemia cells with high surface CD44 expression. <i>Cell Death and Disease</i> , 2017, 8, e2857-e2857.	2.7	10
480	Neurotoxic mechanisms by which the USP14 inhibitor IU1 depletes ubiquitinated proteins and Tau in rat cerebral cortical neurons: Relevance to Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1157-1170.	1.8	39
481	The Contribution of Necroptosis in Neurodegenerative Diseases. <i>Neurochemical Research</i> , 2017, 42, 2117-2126.	1.6	22
482	Nanoparticles of Titanium and Zinc Oxides as Novel Agents in Tumor Treatment: a Review. <i>Nanoscale Research Letters</i> , 2017, 12, 225.	3.1	121
483	Platelet Heterogeneity. , 2017, , 55-67.		1
484	Identification and characterization of <i>Vibrio vulnificus</i> plpA encoding a phospholipase A2 essential for pathogenesis. <i>Journal of Biological Chemistry</i> , 2017, 292, 17129-17143.	1.6	48
485	TALEN based HPV-E7 editing triggers necrotic cell death in cervical cancer cells. <i>Scientific Reports</i> , 2017, 7, 5500.	1.6	30
486	Oncosis and apoptosis induction by activation of an overexpressed ion channel in breast cancer cells. <i>Oncogene</i> , 2017, 36, 6490-6500.	2.6	69
487	Calcium-dependent activation of transglutaminase 2 by nanosecond pulsed electric fields. <i>FEBS Open Bio</i> , 2017, 7, 934-943.	1.0	8
488	Nuclear DAMPs in Hepatic Injury and Inflammation. , 2017, , 133-158.		0
489	Comparison of human lung cancer cell radiosensitivity after irradiations with therapeutic protons and carbon ions. <i>Experimental Biology and Medicine</i> , 2017, 242, 1015-1024.	1.1	14
490	Perturbation of Akt Signaling, Mitochondrial Potential, and ADP/ATP Ratio in Acidosis-Challenged Rat Cortical Astrocytes. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1108-1117.	1.2	12
491	Ischemia-Reperfusion Syndrome. , 0, , 1313-1328.		0

#	ARTICLE	IF	CITATIONS
492	Mixed lineage kinase domain-like protein induces RGC-5 necroptosis following elevated hydrostatic pressure. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 879-889.	0.9	24
493	The NLRP3 and Pypin Inflammasomes: Implications in the Pathophysiology of Autoinflammatory Diseases. <i>Frontiers in Immunology</i> , 2017, 8, 43.	2.2	176
494	Altered Mitochondrial Signalling and Metabolism in Cancer. <i>Frontiers in Oncology</i> , 2017, 7, 43.	1.3	28
495	Inferring Molecular Processes Heterogeneity from Transcriptional Data. <i>BioMed Research International</i> , 2017, 2017, 1-14.	0.9	3
496	Biochemical and histological alterations induced by the smoke of allethrin based mosquito coil on mice model. <i>BMC Clinical Pathology</i> , 2017, 17, 19.	1.8	11
497	Physiology and Pathology of Autoinflammation: NOD like Receptors in Autoinflammation and Autoimmunity. , 0, , .		2
498	Assessment of cytosolic free calcium changes during ceramide-induced cell death in MDA-MB-231 breast cancer cells expressing the calcium sensor GCaMP6m. <i>Cell Calcium</i> , 2018, 72, 39-50.	1.1	14
499	Myocardin regulates mitochondrial calcium homeostasis and prevents permeability transition. <i>Cell Death and Differentiation</i> , 2018, 25, 1732-1748.	5.0	38
500	Cyclic mechanical stretch up-regulates hepatoma-derived growth factor expression in cultured rat aortic smooth muscle cells. <i>Bioscience Reports</i> , 2018, 38, .	1.1	8
501	Anisomycin prevents OGD-induced necroptosis by regulating the E3 ligase CHIP. <i>Scientific Reports</i> , 2018, 8, 6379.	1.6	16
502	Effect of pistachio kernel extracts in MCF-7 breast cancer cells: Inhibition of cell proliferation, induction of ROS production, modulation of glycolysis and of mitochondrial respiration. <i>Journal of Functional Foods</i> , 2018, 45, 155-164.	1.6	24
503	Sticholysin II-mediated cytotoxicity involves the activation of regulated intracellular responses that anticipates cell death. <i>Biochimie</i> , 2018, 148, 18-35.	1.3	13
504	Toxic and Beneficial Potential of Silver Nanoparticles: The Two Sides of the Same Coin. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1048, 251-262.	0.8	24
505	Do protons and X-rays induce cell-killing in human peripheral blood lymphocytes by different mechanisms?. <i>Clinical and Translational Radiation Oncology</i> , 2018, 9, 23-29.	0.9	22
506	Effects of DDT and permethrin on rat hepatocytes cultivated in microfluidic biochips: Metabolomics and gene expression study. <i>Environmental Toxicology and Pharmacology</i> , 2018, 59, 1-12.	2.0	19
507	Trypanosoma cruzi: death phenotypes induced by ortho-naphthoquinone substrates of the aldo-keto reductase (TcAKR). Role of this enzyme in the mechanism of action of 1 ² -lapachone. <i>Parasitology</i> , 2018, 145, 1251-1259.	0.7	6
508	Vascular smooth muscle cell death, autophagy and senescence in atherosclerosis. <i>Cardiovascular Research</i> , 2018, 114, 622-634.	1.8	356
509	The dialkyl resorcinol stemphol disrupts calcium homeostasis to trigger programmed immunogenic necrosis in cancer. <i>Cancer Letters</i> , 2018, 416, 109-123.	3.2	20

#	ARTICLE	IF	CITATIONS
510	Novel drug discovery strategies for atherosclerosis that target necrosis and necroptosis. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 477-488.	2.5	23
511	Evaluating the Mechanism and Therapeutic Potential of PTC-028, a Novel Inhibitor of BMI-1 Function in Ovarian Cancer. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 39-49.	1.9	40
512	Cytokinesis-block micronucleus cytome assay parameters in peripheral blood lymphocytes of the general population: Contribution of age, sex, seasonal variations and lifestyle factors. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 561-570.	2.9	50
513	TDCPP protects cardiomyocytes from hypoxia-reoxygenation injury induced apoptosis through mitigating calcium overload and promotion GSK-3 β phosphorylation. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 92, 39-45.	1.3	13
514	Indirubin derivatives are potent and selective anti- <i>Trypanosoma cruzi</i> agents. <i>Virulence</i> , 2018, 9, 1658-1668.	1.8	10
515	Cytotoxic and Genotoxic Effects of Fluconazole on African Green Monkey Kidney (Vero) Cell Line. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	7
516	Evaluation of cytotoxic and antitumor activity of perillaldehyde 1,2-epoxide. <i>Journal of Medicinal Plants Research</i> , 2018, 12, 590-600.	0.2	6
517	An integrative theory for cancer (Review). <i>International Journal of Molecular Medicine</i> , 2018, 43, 647-656.	1.8	7
518	Cell Injury and Necrosis. , 2018, , 404-453.		2
519	Transferrin as a thermosensitizer in radiofrequency hyperthermia for cancer treatment. <i>Scientific Reports</i> , 2018, 8, 13505.	1.6	23
520	Effect of calcium electroporation on tumour vasculature. <i>Scientific Reports</i> , 2018, 8, 9412.	1.6	39
521	Regulation of Tumor Progression by Programmed Necrosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-28.	1.9	140
522	Intracellular Macromolecules in Cell Volume Control and Methods of Their Quantification. <i>Current Topics in Membranes</i> , 2018, 81, 237-289.	0.5	10
523	Cholesterol Crystal-Mediated Inflammation Is Driven by Plasma Membrane Destabilization. <i>Frontiers in Immunology</i> , 2018, 9, 1163.	2.2	23
524	The Role of Compounds Derived from Natural Supplement as Anticancer Agents in Renal Cell Carcinoma: A Review. <i>International Journal of Molecular Sciences</i> , 2018, 19, 107.	1.8	24
525	Nanotechnology for Cancer Therapy Based on Chemotherapy. <i>Molecules</i> , 2018, 23, 826.	1.7	223
526	NAD ⁺ Depletion Triggers Macrophage Necroptosis, a Cell Death Pathway Exploited by <i>Mycobacterium tuberculosis</i> . <i>Cell Reports</i> , 2018, 24, 429-440.	2.9	137
527	Mitochondrial DNA is critical for longevity and metabolism of transmission stage <i>Trypanosoma brucei</i> . <i>PLoS Pathogens</i> , 2018, 14, e1007195.	2.1	45

#	ARTICLE	IF	CITATIONS
528	The Evaluation of BMI1 Posttranslational Modifications During Retinal Degeneration to Understand BMI1 Action on Photoreceptor Death Execution. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1074, 359-365.	0.8	1
529	Relevant biological processes for tissue development with stem cells and their mechanistic modeling: A review. <i>Mathematical Biosciences</i> , 2018, 301, 147-158.	0.9	6
530	Detection of MLKL Oligomerization During Programmed Necrosis. <i>Methods in Molecular Biology</i> , 2018, 1857, 85-92.	0.4	13
531	DNA-launched RNA replicon vaccines induce potent anti-Ebolavirus immune responses that can be further improved by a recombinant MVA boost. <i>Scientific Reports</i> , 2018, 8, 12459.	1.6	21
532	Glioblastoma single-cell microRaman analysis under stress treatments. <i>Scientific Reports</i> , 2018, 8, 7979.	1.6	3
533	ABT-737 Triggers Caspase-Dependent Inhibition of Platelet Procoagulant Extracellular Vesicle Release during Apoptosis and Secondary Necrosis In Vitro. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1665-1674.	1.8	12
534	Iron Release Profile of Silica-Modified Zero-Valent Iron NPs and Their Implication in Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4336.	1.8	11
535	MLKL is a potential prognostic marker in gastric cancer. <i>Oncology Letters</i> , 2019, 18, 3830-3836.	0.8	13
536	Calreticulin is a Critical Cell Survival Factor in Malignant Neoplasms. <i>PLoS Biology</i> , 2019, 17, e3000402.	2.6	28
537	Cell death pathways in pathogenic trypanosomatids: lessons of (over)kill. <i>Cell Death and Disease</i> , 2019, 10, 93.	2.7	82
538	The role of necroptosis in cancer: A double-edged sword?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1871, 259-266.	3.3	86
539	Cytotoxic potential of 14 <i>Passiflora</i> species against cancer cells. <i>Journal of Medicinal Plants Research</i> , 2019, 13, 157-166.	0.2	3
540	Antitrypanosomal activity of isololiolide isolated from the marine hydroid <i>Macrorhynchia philippina</i> (Cnidaria, Hydrozoa). <i>Bioorganic Chemistry</i> , 2019, 89, 103002.	2.0	16
541	Targeting poly(ADP-ribose) glycohydrolase to draw apoptosis codes in cancer. <i>Biochemical Pharmacology</i> , 2019, 167, 163-172.	2.0	13
542	Rat Uterine-Horn Reanastomosis with Prolonged Catheter Use: An Experimental Study. <i>Journal of Gynecologic Surgery</i> , 2019, 35, 172-176.	0.0	0
543	Liposome-coated nano doxorubicin induces apoptosis on oral squamous cell carcinoma CAL-27 cells. <i>Archives of Oral Biology</i> , 2019, 103, 47-54.	0.8	26
544	Histopathological Effects of Bisphenol A on Soft Tissues of <i>Corbicula fluminea</i> Mull. <i>Toxicology and Environmental Health Sciences</i> , 2019, 11, 36-44.	1.1	12
545	Cell Death: Many Causes and Many Effects. , 2019, , 105-149.		0

#	ARTICLE	IF	CITATIONS
546	Photoinduced anticancer effect evaluation of ruthenium(II) polypyridyl complexes toward human lung cancer A549 cells. <i>Polyhedron</i> , 2019, 165, 97-110.	1.0	18
547	Mechanistic Modelling of Radiation Responses. <i>Cancers</i> , 2019, 11, 205.	1.7	47
548	Synergistic Effects of Bortezomib-OV Therapy and Anti-Invasive Strategies in Glioblastoma: A Mathematical Model. <i>Cancers</i> , 2019, 11, 215.	1.7	15
549	A small bioactive glycoside inhibits epsilon toxin and protects host cell death. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	6
550	SrfABC Toxin from <i>Xenorhabdus stockiae</i> Induces Cytotoxicity and Apoptosis in HeLa Cells. <i>Toxins</i> , 2019, 11, 685.	1.5	5
551	Influence of glucose transporter 1 activity inhibition on neuroblastoma in vitro. <i>Gene</i> , 2019, 689, 11-17.	1.0	21
552	ARC regulates programmed necrosis and myocardial ischemia/reperfusion injury through the inhibition of mPTP opening. <i>Redox Biology</i> , 2019, 20, 414-426.	3.9	76
553	The linear quadratic model: usage, interpretation and challenges. <i>Physics in Medicine and Biology</i> , 2019, 64, 01TR01.	1.6	224
554	Monoterpenes modulating autophagy: A review study. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 126, 9-20.	1.2	44
555	Small-Molecule Inhibitors of Necroptosis: Current Status and Perspectives. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1490-1510.	2.9	56
556	Cellular mechanisms of hereditary photoreceptor degeneration – Focus on cGMP. <i>Progress in Retinal and Eye Research</i> , 2020, 74, 100772.	7.3	85
557	Sublethal injuries and deaths of cells and tissues. , 2020, , 603-624.		0
558	A chirality-dependent action of vitamin C in suppressing Kirsten rat sarcoma mutant tumor growth by the oxidative combination: Rationale for cancer therapeutics. <i>International Journal of Cancer</i> , 2020, 146, 2822-2828.	2.3	9
559	Hadrontherapy Interactions in Molecular and Cellular Biology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 133.	1.8	16
560	An In Vitro Evaluation of the Molecular Mechanisms of Action of Medical Plants from the Lamiaceae Family as Effective Sources of Active Compounds against Human Cancer Cell Lines. <i>Cancers</i> , 2020, 12, 2957.	1.7	20
561	In Vitro Bioeffects of Polyelectrolyte Multilayer Microcapsules Post-Loaded with Water-Soluble Cationic Photosensitizer. <i>Pharmaceutics</i> , 2020, 12, 610.	2.0	24
562	Anticancer activity of <i>Momordica cochinchinensis</i> (red gac) aril and the impact of varietal diversity. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 365.	1.2	7
563	Making Connections: p53 and the Cathepsin Proteases as Co-Regulators of Cancer and Apoptosis. <i>Cancers</i> , 2020, 12, 3476.	1.7	11

#	ARTICLE	IF	CITATIONS
564	A Reverse-Osmosis Model of Apoptotic Shrinkage. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 588721.	1.8	8
566	Signaling interplay between PARP1 and ROS regulates stress-induced cell death and developmental changes in <i>Dictyostelium discoideum</i> . <i>Experimental Cell Research</i> , 2020, 397, 112364.	1.2	7
567	Minireview Exploring the Biological Cycle of Vitamin B3 and Its Influence on Oxidative Stress: Further Molecular and Clinical Aspects. <i>Molecules</i> , 2020, 25, 3323.	1.7	19
568	Cysteine Proteases and Mitochondrial Instability: A Possible Vicious Cycle in MS Myelin?. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 612383.	1.8	1
569	Agent-Based Models Predict Emergent Behavior of Heterogeneous Cell Populations in Dynamic Microenvironments. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 249.	2.0	25
570	Multiparametric analysis of the effectiveness of cisplatin on cutaneous squamous carcinoma cells Using two different types of adjuvants. <i>PLoS ONE</i> , 2020, 15, e0230022.	1.1	4
571	Lysophosphatidylethanolamine acyltransferase 2 (LPEAT2) incorporates DHA into phospholipids and has possible functions for fatty acid-induced cell death. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 246-252.	1.0	22
572	RIPK3: A New Player in Renal Fibrosis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 502.	1.8	12
573	Fluorescent Light Energy (FLE) Acts on Mitochondrial Physiology Improving Wound Healing. <i>Journal of Clinical Medicine</i> , 2020, 9, 559.	1.0	14
574	Methanol Extract of <i>Coleus amboinicus</i> (Lour) Exhibited Antiproliferative Activity and Induced Programmed Cell Death in Colon Cancer Cell WiDr. <i>International Journal of Food Science</i> , 2020, 2020, 1-12.	0.9	8
575	Ferroptotic agent-induced endoplasmic reticulum stress response plays a pivotal role in the autophagic process outcome. <i>Journal of Cellular Physiology</i> , 2020, 235, 6767-6778.	2.0	26
576	Mitochondrial biogenesis as a therapeutic target for traumatic and neurodegenerative CNS diseases. <i>Experimental Neurology</i> , 2020, 329, 113309.	2.0	55
577	The molecular mechanisms of MLKL-dependent and MLKL-independent necrosis. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 3-14.	1.5	31
578	Necroptosis-inducing iridium(III) complexes as regulators of cyclin-dependent kinases. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1788-1794.	3.0	10
579	In Vitro Apoptotic Cell Death Assessment. <i>Methods in Molecular Biology</i> , 2021, 2240, 243-261.	0.4	2
580	Synergistic anticancer activity of resveratrol in combination with docetaxel in prostate carcinoma cells. <i>Nutrition Research and Practice</i> , 2021, 15, 12.	0.7	23
581	Targeting Necrosis: Elastase-like Protease Inhibitors Curtail Necrotic Cell Death Both In Vitro and in Three In Vivo Disease Models. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 1510-1523.	2.9	0
582	The Effect of Methylmercury Exposure on Astrocyte of Cerebellar Cortex of White Rats (<i>Rattus</i>) Tj ETQq1 1 0.784314 rgBT /Oerlock 10	0.1	0

#	ARTICLE	IF	CITATIONS
583	Underpinning the Cellular and Molecular Mechanisms with Nanotheranostics for Lung Cancer. , 2021, , 263-286.		0
584	Engine Failure in Axo-Myelinic Signaling: A Potential Key Player in the Pathogenesis of Multiple Sclerosis. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 610295.	1.8	6
585	Egress of non-enveloped enteric RNA viruses. <i>Journal of General Virology</i> , 2021, 102, .	1.3	19
586	A Comprehensive Review on Natural Products and Anti-Inflammatory Activity. <i>Journal of Pharmaceutical Research International</i> , 0, , 57-77.	1.0	0
587	Inhibition of MLKL-dependent necroptosis via downregulating interleukin-1R1 contributes to neuroprotection of hypoxic preconditioning in transient global cerebral ischemic rats. <i>Journal of Neuroinflammation</i> , 2021, 18, 97.	3.1	10
588	ATR prevents Ca ²⁺ overload-induced necrotic cell death through phosphorylation-mediated inactivation of PARP1 without DNA damage signaling. <i>FASEB Journal</i> , 2021, 35, e21373.	0.2	4
589	Structural and Functional Remodeling of Mitochondria in Cardiac Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4167.	1.8	20
590	Drug-Loaded, Polyurethane Coated Nitinol Stents for the Controlled Release of Docetaxel for the Treatment of Oesophageal Cancer. <i>Pharmaceuticals</i> , 2021, 14, 311.	1.7	6
591	Serial profiling of cell-free DNA and nucleosome histone modifications in cell cultures. <i>Scientific Reports</i> , 2021, 11, 9460.	1.6	23
592	Apoptosis is not conserved in plants as revealed by critical examination of a model for plant apoptosis-like cell death. <i>BMC Biology</i> , 2021, 19, 100.	1.7	15
593	Estimation of Dose Enhancement for Inhomogeneous Distribution of Nanoparticles: A Monte Carlo Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4900.	1.3	1
594	Tumor necrosis: A synergistic consequence of metabolic stress and inflammation. <i>BioEssays</i> , 2021, 43, e2100029.	1.2	24
595	Apoptosis, Autophagy, Necrosis and Their Multi Galore Crosstalk in Neurodegeneration. <i>Neuroscience</i> , 2021, 469, 162-174.	1.1	37
596	<i>Moringa oleifera</i> extract promotes apoptosis-like death in <i>Toxoplasma gondii</i> tachyzoites in vitro. <i>Parasitology</i> , 2021, 148, 1447-1457.	0.7	4
597	Role of inflammation and pro-inflammatory cytokine IL-1 ^β in pathogenesis and metastasis of lung cancer (review). <i>Medical Alphabet</i> , 2021, , 47-52.	0.0	0
598	Candidalysin triggers epithelial cellular stresses that induce necrotic death. <i>Cellular Microbiology</i> , 2021, 23, e13371.	1.1	23
599	From Pinocytosis to Methuosisâ€”Fluid Consumption as a Risk Factor for Cell Death. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 651982.	1.8	21
600	Contradictory regulation of macrophages on atherosclerosis based on polarization, death and autophagy. <i>Life Sciences</i> , 2021, 276, 118957.	2.0	22

#	ARTICLE	IF	CITATIONS
601	High proportion of tumor necrosis predicts poor survival in surgically resected high-grade neuroendocrine carcinoma of the lung. <i>Lung Cancer</i> , 2021, 157, 1-8.	0.9	3
602	Safety and Efficacy of Laparoscopic Versus Open Gastrectomy in Patients With Advanced Gastric Cancer Following Neoadjuvant Chemotherapy: A Meta-Analysis. <i>Frontiers in Oncology</i> , 2021, 11, 704244.	1.3	11
603	Restoring NAD ⁺ by NAMPT is essential for the SIRT1/p53-mediated survival of UVA- and UVB-irradiated epidermal keratinocytes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 221, 112238.	1.7	10
604	Regulation of Ferroptosis Pathway by Ubiquitination. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 699304.	1.8	9
605	Editorial: Ion and Water Transport in Cell Death. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 757033.	1.8	1
606	Biologic and pathologic aspects of osteocytes in the setting of medication-related osteonecrosis of the jaw (MRONJ). <i>Bone</i> , 2021, 153, 116168.	1.4	22
607	Pathogenic Pore Forming Proteins of Plasmodium Triggers the Necrosis of Endothelial Cells Attributed to Malaria Severity. <i>Toxins</i> , 2021, 13, 62.	1.5	3
608	Radiation Induced Cell Deaths. , 2008, , 215-248.		3
609	Methods Used to Study Apoptotic Cell Clearance. , 2009, , 217-268.		1
610	How Long Does a Photoreceptor Cell Take to Die? Implications for the Causative Cell Death Mechanisms. <i>Advances in Experimental Medicine and Biology</i> , 2014, 801, 575-581.	0.8	7
611	Photodynamic Therapy and Nitric Oxide. , 2015, , 227-246.		1
612	Production of Reactive Oxygen Species and Its Implication in Human Diseases. , 2015, , 3-15.		14
614	Osteocyte necrosis triggers osteoclast-mediated bone loss through macrophage-inducible C-type lectin. <i>Journal of Clinical Investigation</i> , 2020, 130, 4811-4830.	3.9	93
615	Allicin Induces Calcium and Mitochondrial Dysregulation Causing Necrotic Death in Leishmania. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004525.	1.3	39
616	SERPINA3K Prevents Oxidative Stress Induced Necrotic Cell Death by Inhibiting Calcium Overload. <i>PLoS ONE</i> , 2008, 3, e4077.	1.1	42
617	Apoptosis Induction by MEK Inhibition in Human Lung Cancer Cells Is Mediated by Bim. <i>PLoS ONE</i> , 2010, 5, e13026.	1.1	60
618	Functional Identification of Neuroprotective Molecules. <i>PLoS ONE</i> , 2010, 5, e15008.	1.1	31
619	Implication of Snail in Metabolic Stress-Induced Necrosis. <i>PLoS ONE</i> , 2011, 6, e18000.	1.1	20

#	ARTICLE	IF	CITATIONS
620	YopJ-Induced Caspase-1 Activation in Yersinia-Infected Macrophages: Independent of Apoptosis, Linked to Necrosis, Dispensable for Innate Host Defense. PLoS ONE, 2012, 7, e36019.	1.1	33
621	Akt Regulates TNF α Synthesis Downstream of RIP1 Kinase Activation during Necroptosis. PLoS ONE, 2013, 8, e56576.	1.1	60
622	Annexin A1 on the Surface of Early Apoptotic Cells Suppresses CD8+ T Cell Immunity. PLoS ONE, 2013, 8, e62449.	1.1	60
623	Expression of Animal Anti-Apoptotic Gene Ced-9 Enhances Tolerance during Glycine max L.â€™Bradyrhizobium japonicum Interaction under Saline Stress but Reduces Nodule Formation. PLoS ONE, 2014, 9, e101747.	1.1	19
624	Erythropoietin Protects Cardiomyocytes from Cell Death during Hypoxia/Reperfusion Injury through Activation of Survival Signaling Pathways. PLoS ONE, 2014, 9, e107453.	1.1	30
625	New Small Molecules Targeting Apoptosis and Cell Viability in Osteosarcoma. PLoS ONE, 2015, 10, e0129058.	1.1	15
626	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
627	Evolutionary emergence of angiogenesis in avascular tumors using a spatial public goods game. PLoS ONE, 2017, 12, e0175063.	1.1	7
628	Artesunate and chloroquine induce cytotoxic activity on cholangiocarcinoma cells via different cell death mechanisms. Cellular and Molecular Biology, 2018, 64, 113-118.	0.3	5
629	Necroptosis, tumor necrosis and tumorigenesis. Cell Stress, 2020, 4, 1-8.	1.4	83
631	The effect of hydroxybenzoate calcium compounds in inducing cell death in epithelial breast cancer cells. Advances in Modern Oncology Research, 2015, 1, .	0.1	2
632	Poly(ADP-ribose) polymerase 1 at the crossroad of metabolic stress and inflammation in aging. Aging, 2009, 1, 458-469.	1.4	68
633	Necroptosis is associated with low procaspase-8 and active RIPK1 and -3 in human glioma cells. Oncoscience, 2014, 1, 649-664.	0.9	34
634	Antitumor activity of HPA3P through RIPK3-dependent regulated necrotic cell death in colon cancer. Oncotarget, 2018, 9, 7902-7917.	0.8	18
635	GJB2 Gene Mutations in Syndromic Skin Diseases with Sensorineural Hearing Loss.. Current Genomics, 2011, 12, 475-485.	0.7	42
636	The Role of Reactive Oxygen Species in Tumor Treatment and its Impact on Bone Marrow Hematopoiesis. Current Drug Targets, 2020, 21, 477-498.	1.0	13
637	NAD+ and NADH in brain functions, brain diseases and brain aging. Frontiers in Bioscience - Landmark, 2007, 12, 1863.	3.0	100
638	The diverse biological roles of mammalian PARPs, a small but powerful family of poly-ADP-ribose polymerases. Frontiers in Bioscience - Landmark, 2008, 13, 3046.	3.0	502

#	ARTICLE	IF	CITATIONS
639	Influence of P53 on the radiotherapy response of hepatocellular carcinoma. <i>Clinical and Molecular Hepatology</i> , 2015, 21, 257.	4.5	27
640	Effects of Necrostatin-1, an Inhibitor of Necroptosis, and its Inactive Analogue Nec-1i on Basal Cardiovascular Function. <i>Physiological Research</i> , 2016, 65, 861-865.	0.4	18
641	Kalanchoe blossfeldiana Extract Induces Cell Cycle Arrest and Necrosis in Human Cervical Cancer Cells. <i>Pharmacognosy Magazine</i> , 2019, 15, 527.	0.3	2
642	Improved P-hub Network Model and GA Solution Based on Rough Set Theory. <i>Journal of Computers</i> , 2012, 7, .	0.4	3
643	Apoptotic signaling through reactive oxygen species in cancer cells. <i>World Journal of Immunology</i> , 2014, 4, 158.	0.5	3
644	Role of apoptotic and necrotic cell death under physiologic conditions. <i>BMB Reports</i> , 2008, 41, 1-10.	1.1	84
645	Cytokeratin 18 (CK18) and Caspase-Cleaved CK18 (ccCK18) as Response Markers in Anticancer Therapy. , 0, , .		1
646	The Continued Promise of Neuroprotection for Acute Stroke Treatment. <i>Journal of Experimental Stroke & Translational Medicine</i> , 2008, 1, 1-8.	0.2	8
647	Albumin promotes proliferation of G1 arrested serum starved hepatocellular carcinoma cells. <i>PeerJ</i> , 2020, 8, e8568.	0.9	5
648	Extracellular Vesicles and DAMPs in Cancer: A Mini-Review. <i>Frontiers in Immunology</i> , 2021, 12, 740548.	2.2	16
649	Programmed Cell Death and Its Role in Neurological Disease. , 2007, , 125-143.		0
650	The Role of Mitochondria in Necrosis Following Myocardial Ischemia-Reperfusion. , 2007, , 291-301.		0
651	Metabolism of Cell Growth and Proliferation. , 2008, , 189-203.		2
652	The Continued Promise of Neuroprotection for Acute Stroke Treatment. <i>Journal of Experimental Stroke & Translational Medicine</i> , 2008, 01, .	0.2	0
653	Toward a Mechanistic Taxonomy for Programmed Cell Death Pathways. , 2008, , 73-91.		0
654	Responses to cellular injury. , 2009, , 101-122.		0
655	Heat Shock Induces Necrosis in Cisplatin-resistant Gastric Cancer Cells through Suppressing JNK1/2 Activation and HSP27 Induction. <i>Journal of Life Science</i> , 2009, 19, 1705-1711.	0.2	1
656	Implication of PI3K-dependent HSP27 and p53 expression in mild heat shock-triggered switch of metabolic stress-induced necrosis to apoptosis in A549 cells. <i>International Journal of Oncology</i> , 2009, 36, .	1.4	2

#	ARTICLE	IF	CITATIONS
657	Cell Death Signaling in Glioblastoma Multiforme: Role of the Bcl2L12 Oncoprotein. , 2011, , 147-157.		0
658	Tracking the Road from Inflammation to Cancer: the Critical Role of Î² Kinase (IKK). , 2010, 102, 133-151.		8
659	HMGB1 Switches Alkylating DNA Damage-Induced Apoptosis to Necrosis. Journal of Life Science, 2011, 21, 953-960.	0.2	1
660	Autoimmune mechanisms of ovarian pathology. Fiziolohichniy Zhurnal (Kiev, Ukraine: 1994), 2011, 57, 90-95.	0.1	0
661	Spinocerebellar Ataxia with Axonal Neuropathy (SCAN1): A Disorder of Nuclear and Mitochondrial DNA Repair. , 0, , .		1
662	Combined Treatment of Sodium Salicylate and Genistein Induces Incomplete Apoptosis and Necrosis in MCF-7 Multicellular Tumor Spheroids. Journal of Life Science, 2012, 22, 1145-1151.	0.2	0
663	Relationships between calpains and glutamate- or kainate-induced apoptosis in <i>Xenopus laevis</i> tadpoles. Folia Histochemica Et Cytobiologica, 2014, 51, 300-311.	0.6	2
664	The Mechanisms and Modalities of Cell Death. , 2015, , 253-277.		0
665	Sublethal Injuries and Deaths of Cells and Tissues. , 2015, , 265-285.		0
667	Local advanced rectal cancer perforation in the midst of preoperative chemoradiotherapy: A case report and literature review. World Journal of Clinical Cases, 2017, 5, 18.	0.3	3
668	Cancer Tissue Classification, Associated Therapeutic Implications and PDT as an Alternative. Anticancer Research, 2017, 37, 2785-2807.	0.5	8
670	Influência da temperatura sobre a função testicular. Medicina Veterinaria (Brazil), 2018, 12, 62.	0.1	0
671	Biological Aspects of Endoplasmic Reticulum Stress in Ferroptosis. , 2019, , 83-98.		0
672	Light-controlled calcium signalling in prostate cancer and benign prostatic hyperplasia. Future Journal of Pharmaceutical Sciences, 2020, 6, .	1.1	1
676	Regulation of Beta-Cell Growth and Death. , 2008, , 215-243.		1
677	The cell in shock. , 2007, , 191-202.		0
680	Autophagy in the myocardium: Dying for survival?. Experimental and Clinical Cardiology, 2006, 11, 183-8.	1.3	25
681	Corneal epithelial cell biocompatibility to silicone hydrogel and conventional hydrogel contact lens packaging solutions. Molecular Vision, 2010, 16, 272-82.	1.1	20

#	ARTICLE	IF	CITATIONS
683	Tumor suppression by autophagy through the management of metabolic stress. <i>Autophagy</i> , 2008, 4, 563-6.	4.3	53
685	Mixed lineage kinase domain-like protein is a prognostic biomarker for cervical squamous cell cancer. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 15035-8.	0.5	42
686	Extra-nuclear histones: origin, significance and perspectives. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 507-524.	1.4	12
687	Effect of Light and p-Coumaric Acid on the Growth and Expression of Genes Related to Oxidative Stress in <i>Brettanomyces bruxellensis</i> LAMAP2480. <i>Frontiers in Microbiology</i> , 2021, 12, 747868.	1.5	1
689	The Intricacy of ROS in Cancer Therapy Resistance. , 2022, , 1217-1238.		0
690	NSAID use and unnatural deaths after cancer diagnosis: a nationwide cohort study in Sweden. <i>BMC Cancer</i> , 2022, 22, 75.	1.1	0
691	Nano-biomarker-Based Surface-Enhanced Raman Spectroscopy for Selective Diagnosis of Gallbladder and Liver Injury. <i>Biochip Journal</i> , 2022, 16, 49-57.	2.5	7
692	Exploiting Shock Waves to Trigger the Anticancer Sonodynamic Activity of 5-Aminolevulinic Acid-Derived Protoporphyrin IX on In Vitro 2D and 3D Cancer Models. <i>Biomedicines</i> , 2022, 10, 615.	1.4	5
693	Development of a novel necroptosis-associated miRNA risk signature to evaluate the prognosis of colon cancer patients. <i>Annals of Translational Medicine</i> , 2021, 9, 1800-1800.	0.7	13
694	Long-Chain Poly-Lysines Interact with the Plasma Membrane and Induce Protective Autophagy and Intense Cell Necrosis. <i>Bioconjugate Chemistry</i> , 2022, 33, 938-947.	1.8	3
709	Cadmium-induced apoptosis and necrosis in human osteoblasts: role of caspases and mitogen-activated protein kinases pathways. <i>Journal of Endocrinological Investigation</i> , 2012, 35, 198-208.	1.8	20
710	Eriodictyol Attenuates H ₂ O ₂ -Induced Oxidative Damage in Human Dermal Fibroblasts through Enhanced Capacity of Antioxidant Machinery. <i>Nutrients</i> , 2022, 14, 2553.	1.7	11
711	Buffalo Milk Whey Activates Necroptosis and Apoptosis in a Xenograft Model of Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8464.	1.8	10
712	Hallmarks of Cancer Applied to Oral and Oropharyngeal Carcinogenesis: A Scoping Review of the Evidence Gaps Found in Published Systematic Reviews. <i>Cancers</i> , 2022, 14, 3834.	1.7	11
713	Quantitative Analysis of Apoptosis and Necrosis in Live Cells Using Flow Cytometry. <i>Methods in Molecular Biology</i> , 2022, , 57-69.	0.4	1
714	Identification of Necroptosis-Related miRNA Signature as a Potential Predictive Biomarker for Prognosis and Immune Status in Colon Adenocarcinoma. <i>Journal of Oncology</i> , 2022, 2022, 1-20.	0.6	1
715	Mitochondrial metabolic determinants of multiple myeloma growth, survival, and therapy efficacy. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	6
716	Calpains Released from Necrotic Tumor Cells Enhance Antigen Cross-Presentation to Activate CD8 ⁺ T Cells In Vitro. <i>Journal of Immunology</i> , 2022, 209, 1635-1651.	0.4	0

#	ARTICLE	IF	CITATIONS
717	Hallmarks of Cancer Expression in Oral Lichen Planus: A Scoping Review of Systematic Reviews and Meta-Analyses. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13099.	1.8	5
718	Temporal radiographic and histological study of necrosis development in a mouse glioblastoma model. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
719	Role of caveolin-eNOS platform and mitochondrial ATP-sensitive potassium channel in abrogated cardioprotective effect of ischemic preconditioning in postmenopausal women. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 58, .	1.2	0
720	Ferroptosis in life: To be or not to be. <i>Biomedicine and Pharmacotherapy</i> , 2023, 159, 114241.	2.5	26
721	An Overview: The Diversified Role of Mitochondria in Cancer Metabolism. <i>International Journal of Biological Sciences</i> , 2023, 19, 897-915.	2.6	29
722	Comprehensive monitoring of mitochondrial viscosity variation during different cell death processes by a NIR mitochondria-targeting fluorescence probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2023, 295, 122602.	2.0	3
724	DTX3L induced NLRP3 ubiquitination inhibit R28 cell pyroptosis in OGD/R injury. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2023, 1870, 119433.	1.9	12
725	Revisiting the hallmarks of cancer: A new look at long noncoding RNAs in breast cancer. <i>Pathology Research and Practice</i> , 2023, 243, 154381.	1.0	1
726	Automated assessment of necrosis tumor ratio in colorectal cancer using an artificial intelligence-based digital pathology analysis. , 2023, 1, 30-43.		0
727	Pathogenesis of Hepatocellular Carcinoma: The Interplay of Apoptosis and Autophagy. <i>Biomedicines</i> , 2023, 11, 1166.	1.4	6
728	<i>Biology of Cancer</i> . , 2023, , 86-186.		0
732	Diversity and complexity of cell death: a historical review. <i>Experimental and Molecular Medicine</i> , 2023, 55, 1573-1594.	3.2	21