

# Mitochondrial Membrane Permeabilization in Cell Death

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Role of Inositol 1,4,5-Trisphosphate Receptors in Apoptosis in DT40 Lymphocytes. <i>Journal of Biological Chemistry</i> , 2007, 282, 32983-32990.	1.6	22
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1816	Chrysin induces death of prostate cancer cells by inducing ROS and ER stress. <i>Journal of Cellular Physiology</i> , 2017, 232, 3786-3797.	2.0	104
1817	Nerol triggers mitochondrial dysfunction and disruption via elevation of Ca <sup>2+</sup> and ROS in <i>Candida albicans</i> . <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 85, 114-122.	1.2	70
1818	SK2 channels regulate mitochondrial respiration and mitochondrial Ca <sup>2+</sup> uptake. <i>Cell Death and Differentiation</i> , 2017, 24, 761-773.	5.0	48
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1820	Targeting Thioredoxin-1 by dimethyl fumarate induces ripoptosome-mediated cell death. <i>Scientific Reports</i> , 2017, 7, 43168.	1.6	20
1821	Sodium perbarate and benzalkonium chloride induce DNA damage in Chang conjunctival epithelial cells. <i>Cutaneous and Ocular Toxicology</i> , 2017, 36, 336-342.	0.5	9
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1826	RelB attenuates cigarette smoke extract-induced apoptosis in association with transcriptional regulation of the aryl hydrocarbon receptor. <i>Free Radical Biology and Medicine</i> , 2017, 108, 19-31.	1.3	25
1827	Hypothyroidism reduces mammary tumor progression via $\beta$ -catenin-activated intrinsic apoptotic pathway in rats. <i>Histochemistry and Cell Biology</i> , 2017, 147, 759-769.	0.8	10
1828	The suppression of apoptosis by $\beta$ -herpesvirus. <i>Cell Death and Disease</i> , 2017, 8, e2749-e2749.	2.7	68
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1830	The effects of isoquinoline carboxamide and melatonin on the differentiation of N1D-115 mouse neuroblastoma cells (clone C-1300) and on the expression of the TSPO translocation protein and 2 <sup>â€™</sup> ,3 <sup>â€™</sup> -cyclic nucleotide-3 <sup>â€™</sup> -phosphodiesterase in these cells. <i>Neurochemical Journal</i> , 2017, 11, 31-37.	0.2	5
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1838	BGP-15 prevents the death of neurons in a mouse model of familial dysautonomia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5035-5040.	3.3	25
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1842	Autophagy regulates death of retinal pigment epithelium cells in age-related macular degeneration. <i>Cell Biology and Toxicology</i> , 2017, 33, 113-128.	2.4	134

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1849	Mental illness in patients with inherited mitochondrial disorders. <i>Schizophrenia Research</i> , 2017, 187, 33-37.	1.1	14
1850	Synthesis of novel dibenzoxanthene derivatives and observation of apoptosis in human hepatocellular cancer cells. <i>Bioorganic Chemistry</i> , 2017, 72, 333-344.	2.0	6
1851	Mitochondria Damage and Kidney Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017, 982, 529-551.	0.8	132
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1858	UMI-77 primes glioma cells for TRAIL-induced apoptosis by unsequestering Bim and Bak from Mcl-1. <i>Molecular and Cellular Biochemistry</i> , 2017, 432, 55-65.	1.4	1
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1887	Normothermic Microwave Irradiation Induces Death of HL-60 Cells through Heat-Independent Apoptosis. <i>Scientific Reports</i> , 2017, 7, 11406.	1.6	14
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1895	Potential molecular mechanisms mediating the protective effects of tetrahydroxystilbene glucoside on MPP <sup>+</sup> -induced PC12 cell apoptosis. <i>Molecular and Cellular Biochemistry</i> , 2017, 436, 203-213.	1.4	16
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1898	Mitochondrial-targeted multifunctional mesoporous Au@Pt nanoparticles for dual-mode photodynamic and photothermal therapy of cancers. <i>Nanoscale</i> , 2017, 9, 15813-15824.	2.8	67
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1916	Reoxygenation Reverses Hypoxic Pulmonary Arterial Remodeling by Inducing Smooth Muscle Cell Apoptosis via Reactive Oxygen Species-Mediated Mitochondrial Dysfunction. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	24
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1956	Chinese Herbal Formula, Modified Danggui Buxue Tang, Attenuates Apoptosis of Hematopoietic Stem Cells in Immune-Mediated Aplastic Anemia Mouse Model. <i>Journal of Immunology Research</i> , 2017, 2017, 1-12.	0.9	20
1957	The mechanisms of graphene-based materials-induced programmed cell death: a review of apoptosis, autophagy, and programmed necrosis. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 6633-6646.	3.3	150
1958	Cancer Biology and the Principles of Targeted Cancer Drug Discovery. , 2017, , 1-38.		1
1959	Involvement of Mitochondrial Disorders in Septic Cardiomyopathy. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	53
1960	Inter-Species Host Gene Expression Differences in Response to Human and Avian Influenza A Virus Strains. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2295.	1.8	9
1961	Switching between Successful and Dead-End Intermediates in Membrane Fusion. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2598.	1.8	15
1962	Independent impacts of aging on mitochondrial DNA quantity and quality in humans. <i>BMC Genomics</i> , 2017, 18, 890.	1.2	116
1964	Chemical Properties of Caffeic and Ferulic Acids in Biological System: Implications in Cancer Therapy. A Review. <i>Current Pharmaceutical Design</i> , 2017, 23, 3015-3023.	0.9	66
1965	Selective cytotoxicity of vanadium complexes on human pancreatic ductal adenocarcinoma cell line by inducing necroptosis, apoptosis and mitotic catastrophe process. <i>Oncotarget</i> , 2017, 8, 60324-60341.	0.8	40
1966	Exploiting Cell Death Pathways for Inducible Cell Elimination to Modulate Graft-versus-Host-Disease. <i>Biomedicines</i> , 2017, 5, 30.	1.4	5
1967	UL36 Rescues Apoptosis Inhibition and In vivo Replication of a Chimeric MCMV Lacking the M36 Gene. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 312.	1.8	12
1968	Voltage-Dependent Anion Channel 1 As an Emerging Drug Target for Novel Anti-Cancer Therapeutics. <i>Frontiers in Oncology</i> , 2017, 7, 154.	1.3	89
1969	Tanshinone IIA Inhibits Glutamate-Induced Oxidative Toxicity through Prevention of Mitochondrial Dysfunction and Suppression of MAPK Activation in SH-SY5Y Human Neuroblastoma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	38

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1971	The Involvement of Mg <sup>2+</sup> in Regulation of Cellular and Mitochondrial Functions. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-8.	1.9	104
1972	The Electrode Modality Development in Pulsed Electric Field Treatment Facilitates Biocellular Mechanism Study and Improves Cancer Ablation Efficacy. <i>Journal of Healthcare Engineering</i> , 2017, 2017, 1-10.	1.1	5
1973	Enhanced anticancer efficacy of paclitaxel through multistage tumor-targeting liposomes modified with RGD and KLA peptides. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 1517-1537.	3.3	65
1974	Synthesis and cytotoxic activities of novel 4-methoxy-substituted and 5-methyl-substituted (3',4'-dihydro-2H-pyridin-2-ylidene)-lactone derivatives that induce apoptosis via the intrinsic pathway. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 1891-1904.	2.0	2
1975	Real-time cell toxicity profiling of Tox21 10K compounds reveals cytotoxicity dependent toxicity pathway linkage. <i>PLoS ONE</i> , 2017, 12, e0177902.	1.1	40
1976	The spectrum of myocardial homeostasis mechanisms in the settings of cardiac surgery procedures (Review). <i>Molecular Medicine Reports</i> , 2017, 17, 2089-2099.	1.1	1
1977	Spermidine is protective against kidney ischemia and reperfusion injury through inhibiting DNA nitration and PARP1 activation. <i>Anatomy and Cell Biology</i> , 2017, 50, 200.	0.5	17
1978	Tilianin Post-Conditioning Attenuates Myocardial Ischemia/Reperfusion Injury via Mitochondrial Protection and Inhibition of Apoptosis. <i>Medical Science Monitor</i> , 2017, 23, 4490-4499.	0.5	19
1979	Crude Flavonoid Extract of Medicinal Herb <i>Zingibar officinale</i> Inhibits Proliferation and Induces Apoptosis in Hepatocellular Carcinoma Cells. <i>Oncology Research</i> , 2017, 25, 897-912.	0.6	8
1980	Drug-induced premature senescence model in human dental follicle stem cells. <i>Oncotarget</i> , 2017, 8, 7276-7293.	0.8	16
1981	Advanced glycation end products-induced mitochondrial energy metabolism dysfunction alters proliferation of human umbilical vein endothelial cells. <i>Molecular Medicine Reports</i> , 2017, 15, 2673-2680.	1.1	19
1982	Necroptosis: A novel manner of cell death, associated with stroke (Review). <i>International Journal of Molecular Medicine</i> , 2018, 41, 624-630.	1.8	33
1983	Assessment of liver antioxidant status and mitochondrial membrane composition of <i>Plasmodium berghei</i> -infected mice treated with selected antimalarials. <i>Acta Biochimica Polonica</i> , 2017, 64, 485-491.	0.3	5
1984	A novel benzimidazole derivative, MBIC inhibits tumor growth and promotes apoptosis via activation of ROS-dependent JNK signaling pathway in hepatocellular carcinoma. <i>Oncotarget</i> , 2017, 8, 12831-12842.	0.8	82
1985	Reducing Autophagy Derived Mitochondrial Dysfunction during Resveratrol Promotes Fibroblast-Like Synovial Cell Apoptosis. <i>Anatomical Record</i> , 2018, 301, 1179-1188.	0.8	16
1986	SypHer3s: a genetically encoded fluorescent ratiometric probe with enhanced brightness and an improved dynamic range. <i>Chemical Communications</i> , 2018, 54, 2898-2901.	2.2	52
1987	White light-induced cell apoptosis by a conjugated polyelectrolyte through singlet oxygen generation. <i>RSC Advances</i> , 2018, 8, 9218-9222.	1.7	6

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1989	Gamma irradiation of aloe-emodin induced structural modification and apoptosis through a ROS- and caspase-dependent mitochondrial pathway in stomach tumor cells. <i>International Journal of Radiation Biology</i> , 2018, 94, 403-416.	1.0	15
1990	The inhibition of GSK-3 $\beta$ promotes the production of reactive oxygen species via $\beta$ -catenin/C/EBP $\beta$ signaling in the spleen of zebrafish ( <i>Danio rerio</i> ). <i>Fish and Shellfish Immunology</i> , 2018, 76, 110-120.	1.6	6
1991	A mitochondria-targeted nanoradiosensitizer activating reactive oxygen species burst for enhanced radiation therapy. <i>Chemical Science</i> , 2018, 9, 3159-3164.	3.7	75
1992	The role of the mitochondria and the endoplasmic reticulum contact sites in the development of the immune responses. <i>Cell Death and Disease</i> , 2018, 9, 336.	2.7	58
1995	S6 kinase 1 plays a key role in mitochondrial morphology and cellular energy flow. <i>Cellular Signalling</i> , 2018, 48, 13-24.	1.7	16
1996	Protective role of Parkin in skeletal muscle contractile and mitochondrial function. <i>Journal of Physiology</i> , 2018, 596, 2565-2579.	1.3	72
1997	The protective effect of Hif3a RNA interference and HIF-prolyl hydroxylase inhibition on cardiomyocytes under anoxia-reoxygenation. <i>Life Sciences</i> , 2018, 202, 131-139.	2.0	11
1998	XZ-1 regulates cell apoptosis of gastric epithelial dysplasia via NF- $\kappa$ B/p53/Ki67 signaling pathway. <i>Bioscience Reports</i> , 2018, 38, .	1.1	3
1999	Cold storage of platelets in platelet additive solution: an in vitro comparison of two Food and Drug Administration-approved collection and storage systems. <i>Transfusion</i> , 2018, 58, 1682-1688.	0.8	33
2000	Delphinidin induces apoptosis and inhibits epithelial-to-mesenchymal transition via the ERK/p38 MAPK signaling pathway in human osteosarcoma cell lines. <i>Environmental Toxicology</i> , 2018, 33, 640-649.	2.1	46
2001	Icariin modulates mitochondrial function and apoptosis in high glucose-induced glomerular podocytes through G protein-coupled estrogen receptors. <i>Molecular and Cellular Endocrinology</i> , 2018, 473, 146-155.	1.6	39
2002	Improvement of Cisplatin-induced renal dysfunction by Schisandra chinensis stems via anti-inflammation and anti-apoptosis effects. <i>Journal of Ethnopharmacology</i> , 2018, 217, 228-237.	2.0	47
2003	Mitochondrial dysfunction induced by leflunomide and its active metabolite. <i>Toxicology</i> , 2018, 396-397, 33-45.	2.0	38
2004	Polyphenol supplementation alters intramuscular apoptotic signaling following acute resistance exercise. <i>Physiological Reports</i> , 2018, 6, e13552.	0.7	12
2005	The genetic architecture of mitochondrial dysfunction in Parkinson's disease. <i>Cell and Tissue Research</i> , 2018, 373, 21-37.	1.5	131
2006	Knockdown of the mitochondria-localized protein p13 protects against experimental parkinsonism. <i>EMBO Reports</i> , 2018, 19, .	2.0	19
2007	Mitochondria-based aircraft carrier enhances <i>in vivo</i> imaging of carbon quantum dots and delivery of anticancer drug. <i>Nanoscale</i> , 2018, 10, 3744-3752.	2.8	58

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2009	Dronedarone-Induced Cardiac Mitochondrial Dysfunction and Its Mitigation by Epoxyeicosatrienoic Acids. <i>Toxicological Sciences</i> , 2018, 163, 79-91.	1.4	14
2010	Acylated and unacylated ghrelin inhibit apoptosis in myoblasts cocultured with colon carcinoma cells. <i>Oncology Reports</i> , 2018, 39, 1387-1395.	1.2	10
2011	Inhibition of apoptosis using exosomes in Chinese hamster ovary cell culture. <i>Biotechnology and Bioengineering</i> , 2018, 115, 1331-1339.	1.7	32
2012	Cell death under epithelial-mesenchymal transition control in prostate cancer therapeutic response. <i>International Journal of Urology</i> , 2018, 25, 318-326.	0.5	8
2013	TP53 is required for BECN1- and ATG5-dependent cell death induced by sphingosine kinase 1 inhibition. <i>Autophagy</i> , 2018, 14, 1-16.	4.3	33
2014	Octyl gallate reduces ATP levels and Ki67 expression leading HepG2 cells to cell cycle arrest and mitochondria-mediated apoptosis. <i>Toxicology in Vitro</i> , 2018, 48, 11-25.	1.1	21
2015	Orthologous CRISPR-Cas9 enzymes for combinatorial genetic screens. <i>Nature Biotechnology</i> , 2018, 36, 179-189.	9.4	216
2016	Pharmacological targeting of HSP90 with 17-AAG induces apoptosis of myogenic cells through activation of the intrinsic pathway. <i>Molecular and Cellular Biochemistry</i> , 2018, 445, 45-58.	1.4	12
2017	WDR26/MIP2 interacts with VDAC1 and regulates VDAC1 expression levels in H9c2 cells. <i>Free Radical Biology and Medicine</i> , 2018, 117, 58-65.	1.3	9
2018	Plant Programmed Cell Death. <i>Methods in Molecular Biology</i> , 2018, , .	0.4	4
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2020	Carnosic Acid as a Promising Agent in Protecting Mitochondria of Brain Cells. <i>Molecular Neurobiology</i> , 2018, 55, 6687-6699.	1.9	32
2021	The cationic tetradecapeptide mastoparan as a privileged structure for drug discovery: Enhanced antimicrobial properties of mitoparan analogues modified at position-14. <i>Peptides</i> , 2018, 101, 95-105.	1.2	14
2022	Lithium promotes the production of reactive oxygen species via GSK-3 <sup>β</sup> /TSC2/TOR signaling in the gill of zebrafish ( <i>Danio rerio</i> ). <i>Chemosphere</i> , 2018, 195, 854-863.	4.2	14
2023	MIRO-1 Determines Mitochondrial Shape Transition upon GPCR Activation and Ca <sup>2+</sup> Stress. <i>Cell Reports</i> , 2018, 23, 1005-1019.	2.9	80
2024	Glycolysis is essential for chemoresistance induced by transient receptor potential channel C5 in colorectal cancer. <i>BMC Cancer</i> , 2018, 18, 207.	1.1	53
2025	Antioxidant nitroxides protect hepatic cells from oxidative stress-induced cell death. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2018, 62, 132-138.	0.6	5



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2028	Peptide based therapeutics and their use for the treatment of neurodegenerative and other diseases. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 574-581.	2.5	85
2029	Feraheme® suppresses immune function of human T lymphocytes through mitochondrial damage and mitoROS production. <i>Toxicology and Applied Pharmacology</i> , 2018, 350, 52-63.	1.3	39
2030	Silver nanoparticle fate in mammals: Bridging in vitro and in vivo studies. <i>Coordination Chemistry Reviews</i> , 2018, 364, 118-136.	9.5	52
2031	Programmed Cell Death, from a Cancer Perspective: An Overview. <i>Molecular Diagnosis and Therapy</i> , 2018, 22, 281-295.	1.6	101
2032	Multitalented EspB of enteropathogenic Escherichia coli (EPEC) enters cells autonomously and induces programmed cell death in human monocytic THP-1 cells. <i>International Journal of Medical Microbiology</i> , 2018, 308, 387-404.	1.5	11
2033	Fibroblast growth factor receptor inhibition induces loss of matrix MCL1 and necrosis in cholangiocarcinoma. <i>Journal of Hepatology</i> , 2018, 68, 1228-1238.	1.8	17
2034	Lactobacillus plantarum alleviate aflatoxins (B1 and M1) induced disturbances in the intestinal genes expression and DNA fragmentation in mice. <i>Toxicol</i> , 2018, 146, 13-23.	0.8	21
2035	Use of Liver-Derived Cell Lines for the Study of Drug-Induced Liver Injury. <i>Methods in Pharmacology and Toxicology</i> , 2018, , 151-177.	0.1	6
2036	Mitochondrial Regulation of Cell Death. , 2018, , 75-90.		2
2037	New therapeutic activity of metabolic enhancer piracetam in treatment of neurodegenerative disease: Participation of caspase independent death factors, oxidative stress, inflammatory responses and apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2078-2096.	1.8	30
2038	Metabolic Enhancer Piracetam Attenuates the Translocation of Mitochondrion-Specific Proteins of Caspase-Independent Pathway, Poly [ADP-Ribose] Polymerase 1 Up-regulation and Oxidative DNA Fragmentation. <i>Neurotoxicity Research</i> , 2018, 34, 198-219.	1.3	7
2039	Calcium Signaling Deficits in Glia and Autophagic Pathways Contributing to Neurodegenerative Disease. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 1158-1175.	2.5	40
2040	Analysis of a PDE model of the swelling of mitochondria accounting for spatial movement. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 2162-2177.	1.2	1
2041	Caspase-Dependent Apoptosis Induction via Viral Protein ORF4 of Porcine Circovirus 2 Binding to Mitochondrial Adenine Nucleotide Translocase 3. <i>Journal of Virology</i> , 2018, 92, .	1.5	27
2042	Hypoxia-induced apoptosis of mouse spermatocytes is mediated by HIF1 $\alpha$ through a death receptor pathway and a mitochondrial pathway. <i>Journal of Cellular Physiology</i> , 2018, 233, 1146-1155.	2.0	33
2043	Bax Activation Blocks Self-Renewal and Induces Apoptosis of Human Glioblastoma Stem Cells. <i>ACS Chemical Neuroscience</i> , 2018, 9, 85-99.	1.7	22
2044	Troloxerutin with copper generates oxidative stress in cancer cells: Its possible chemotherapeutic mechanism against hepatocellular carcinoma. <i>Journal of Cellular Physiology</i> , 2018, 233, 1775-1790.	2.0	25

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2045	Role of Mitochondria in Methamphetamine-Induced Dopaminergic Neurotoxicity: Involvement in Oxidative Stress, Neuroinflammation, and Pro-apoptosis—A Review. <i>Neurochemical Research</i> , 2018, 43, 66-78.	1.6	63
2046	VDAC1 functions in Ca <sup>2+</sup> homeostasis and cell life and death in health and disease. <i>Cell Calcium</i> , 2018, 69, 81-100.	1.1	100
2047	Carfilzomib resistance due to ABCB1/MDR1 overexpression is overcome by nelfinavir and lopinavir in multiple myeloma. <i>Leukemia</i> , 2018, 32, 391-401.	3.3	89
2048	Mitochondria-associated membranes (MAMs): An emerging platform connecting energy and immune sensing to metabolic flexibility. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 35-44.	1.0	28
2049	Uncoupling Effect of F16 Is Responsible for Its Mitochondrial Toxicity and Anticancer Activity. <i>Toxicological Sciences</i> , 2018, 161, 431-442.	1.4	18
2050	Ziram, a dithiocarbamate fungicide, exhibits pseudo-cytoprotective actions against oxidative stress in rat thymocytes: Possible environmental risks. <i>Environmental Research</i> , 2018, 160, 232-238.	3.7	7
2051	A new clerodane furano diterpene glycoside from <i>Tinospora cordifolia</i> triggers autophagy and apoptosis in HCT-116 colon cancer cells. <i>Journal of Ethnopharmacology</i> , 2018, 211, 295-310.	2.0	28
2052	Association between body mass index and sperm quality and sperm DNA integrity. A large population study. <i>Andrologia</i> , 2018, 50, e12889.	1.0	40
2053	How long noncoding RNAs enforce their will on mitochondrial activity: regulation of mitochondrial respiration, reactive oxygen species production, apoptosis, and metabolic reprogramming in cancer. <i>Current Genetics</i> , 2018, 64, 163-172.	0.8	40
2054	Protective effects of a <i>G. lucidum</i> proteoglycan on INS-1 cells against IAPP-induced apoptosis via attenuating endoplasmic reticulum stress and modulating CHOP/JNK pathways. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 893-900.	3.6	14
2055	Liposomes containing cholesterol and mitochondria-penetrating peptide (MPP) for targeted delivery of antimycin A to A549 cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 356-364.	2.5	33
2056	The hypoxia-tolerant vertebrate brain: Arresting synaptic activity. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 224, 61-70.	0.7	42
2057	Global gene expression analysis of macrophage response induced by nonporous and porous silica nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 533-545.	1.7	26
2058	Mitochondrial dysfunction RAD51, and Ku80 proteolysis promote apoptotic effects of Dinaciclib in Bcl <sub>2</sub> silenced cells. <i>Molecular Carcinogenesis</i> , 2018, 57, 469-482.	1.3	8
2059	Synthesis and evaluation of 2-(3-aryureido)pyridines and 2-(3-aryureido)pyrazines as potential modulators of A $\beta$ -induced mitochondrial dysfunction in Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 529-543.	2.6	25
2060	Design, synthesis and cytotoxic activity of N-Modified oleanolic saponins bearing A glucosamine. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1942-1958.	2.6	18
2061	The Unexpected Role of A $\beta$ <sup>1-42</sup> Monomers in the Pathogenesis of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1241-1245.	1.2	23
2062	Chloro(triphenylphosphine)gold(I) a forefront reagent in gold chemistry as apoptotic agent for cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2018, 179, 107-120.	1.5	38

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2064	The sirtuin 1/2 inhibitor tenovin-1 induces a nonlinear apoptosis-inducing factor-dependent cell death in a p53 null Ewing's sarcoma cell line. <i>Investigational New Drugs</i> , 2018, 36, 396-406.	1.2	12
2065	Microscopy-based high-throughput assays enable multi-parametric analysis to assess adverse effects of nanomaterials in various cell lines. <i>Archives of Toxicology</i> , 2018, 92, 633-649.	1.9	41
2066	New metallo-therapeutics of NSAIDs against human breast cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1687-1701.	2.6	40
2067	Mitochondrial Targeted Therapies: Where Do We Stand in Mental Disorders?. <i>Biological Psychiatry</i> , 2018, 83, 770-779.	0.7	16
2068	Organelle Ion Channels and Transporters. , 2018, , 66-79.		7
2069	Oxidative damage and mitochondrial injuries differ following pneumoperitoneum pressure in rabbit models of varying degrees of hydronephrosis. <i>Molecular Medicine Reports</i> , 2018, 17, 6819-6827.	1.1	7
2070	Simvastatin exerts anticancer effects in osteosarcoma cell lines via geranylgeranylation and c-Jun activation. <i>International Journal of Oncology</i> , 2018, 52, 1285-1294.	1.4	21
2071	Oridonin induces apoptosis in oral squamous cell carcinoma probably through the generation of reactive oxygen species and the p38/JNK MAPK pathway. <i>International Journal of Oncology</i> , 2018, 52, 1749-1759.	1.4	15
2072	B-cell lymphoma 2 ovarian killer suppresses testicular cancer cell malignant behavior, but plays a role in platinum resistance. <i>Anti-Cancer Drugs</i> , 2018, 29, 839-846.	0.7	3
2073	Mitochondria and Heart Disease. , 0, , .		1
2074	Clinical manifestations and basic mechanisms of myocardial ischemia/reperfusion injury. <i>Tzu Chi Medical Journal</i> , 2018, 30, 209.	0.4	56
2075	Aruncus dioicus var. kamtschaticus extract suppresses mitochondrial apoptosis induced neurodegeneration in trimethyltin injected ICR mice. <i>Journal of Food Biochemistry</i> , 2018, 42, e12667.	1.2	4
2076	Mitochondrial Oxidative Stress and Calcium-Dependent Permeability Transition are Key Players in the Mechanisms of Statins-Associated Side Effects. , 2018, , .		1
2077	Biochanin A Induces S Phase Arrest and Apoptosis in Lung Cancer Cells. <i>BioMed Research International</i> , 2018, 2018, 1-12.	0.9	31
2078	Anti-Cancer Drug Sensitivity Assay with Quantitative Heterogeneity Testing Using Single-Cell Raman Spectroscopy. <i>Molecules</i> , 2018, 23, 2903.	1.7	20
2079	Effect of <i>Potentilla Fulgens</i> L. on Selected Enzyme Activities and Altered Tissue Morphology in Diabetic Mice. <i>Journal of Morphological Sciences</i> , 2018, 35, 153-160.	0.2	4
2081	Huperzine A attenuates nonalcoholic fatty liver disease by regulating hepatocyte senescence and apoptosis: an in vitro study. <i>PeerJ</i> , 2018, 6, e5145.	0.9	3

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2083	p66Shc activation promotes increased oxidative phosphorylation and renders CNS cells more vulnerable to amyloid beta toxicity. <i>Scientific Reports</i> , 2018, 8, 17081.	1.6	35
2084	Ergosterol peroxide from marine fungus <i>Phoma</i> sp. induces ROS-dependent apoptosis and autophagy in human lung adenocarcinoma cells. <i>Scientific Reports</i> , 2018, 8, 17956.	1.6	57
2085	Downregulation of cyclooxygenase-1 stimulates mitochondrial apoptosis through the NF- $\kappa$ B signaling pathway in colorectal cancer cells. <i>Oncology Reports</i> , 2018, 41, 559-569.	1.2	15
2086	Induction of apoptosis in human cervical carcinoma HeLa cells by active compounds from <i>Hypericum ascyron</i> L. <i>Oncology Letters</i> , 2018, 15, 3944-3950.	0.8	8
2087	Crocini Inhibits Apoptosis and Astroglialosis of Hippocampus Neurons Against Methamphetamine Neurotoxicity via Antioxidant and Anti-inflammatory Mechanisms. <i>Neurochemical Research</i> , 2018, 43, 2252-2259.	1.6	52
2088	Augmenter of liver regeneration promotes mitochondrial biogenesis in renal ischemia-reperfusion injury. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2018, 23, 695-706.	2.2	16
2089	Ruthenium(II)-Polypyridyl Compounds with $\pi$ -Extended Nitrogen Donor Ligands Induce Apoptosis in Human Lung Adenocarcinoma (A549) Cells by Triggering Caspase-3/7 Pathway. <i>Inorganic Chemistry</i> , 2018, 57, 12777-12786.	1.9	20
2090	Apoptotic cell death induced by Z-Ligustilide in human ovarian cancer cells and role of NRF2. <i>Food and Chemical Toxicology</i> , 2018, 121, 631-638.	1.8	23
2091	<i>Pterospermum acerifolium</i> (L.) wild bark extract induces anticarcinogenic effect in human cancer cells through mitochondrial-mediated ROS generation. <i>Molecular Biology Reports</i> , 2018, 45, 2283-2294.	1.0	12
2093	Preservation of Blood Vessels with an Oxygen Generating Composite. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701338.	3.9	8
2094	Oncolysis with DTT-205 and DTT-304 generates immunological memory in cured animals. <i>Cell Death and Disease</i> , 2018, 9, 1086.	2.7	20
2095	Cell Injury and Necrosis. , 2018, , 404-453.		2
2096	Photothermal exposure of polydopamine-coated branched Au&ndash;Ag nanoparticles induces cell cycle arrest, apoptosis, and autophagy in human bladder cancer cells. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 6413-6428.	3.3	54
2097	Cell-Autonomous (Cell-Intrinsic) Stress Responses. , 2018, , 377-426.		2
2098	Regulated Necrosis Orchestrates Microglial Cell Death in Manganese-Induced Toxicity. <i>Neuroscience</i> , 2018, 393, 206-225.	1.1	30
2099	Regulated Cell Death. , 2018, , 427-466.		0
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2102	MitomiRs in Human Inflamm-Aging. , 2018, , 1-29.		2
2103	Donor heart preservation with a novel long-term and slow-releasing hydrogen sulfide system. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 81, 1-10.	1.2	17
2104	The Role of Calcium-activated Potassium Channel in Mitochondria-Associated ER Membrane and Its Functional Link to Cell Survival and Death. , 2018, , .		0
2105	Membranotropic effects of $\gamma$ -hydroxypalmitic acid and $Ca^{2+}$ on rat liver mitochondria and lecithin liposomes. Aggregation and membrane permeabilization. <i>Journal of Bioenergetics and Biomembranes</i> , 2018, 50, 391-401.	1.0	10
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