Ahmad Salimi

List of Publications by Citations

176 papers	2,709 citations	30 h-index	44 g-index
186 ext. papers	3,186 ext. citations	2.8 avg, IF	5.6 L-index

#	Paper	IF	Citations
176	A comparison of hepatocyte cytotoxic mechanisms for Cu2+ and Cd2+. *Toxicology*, **2000**, 143, 263-73	4.4	223
175	Toxicity of depleted uranium on isolated rat kidney mitochondria. *Biochimica Et Biophysica Acta - General Subjects*, **2012**, 1820, 1940-50	4	98
174	Toxicity of vanadium on isolated rat liver mitochondria: a new mechanistic approach. *Metallomics*, **2013**, 5, 152-66	4.5	93
173	Toxicity of copper on isolated liver mitochondria: impairment at complexes I, II, and IV leads to increased ROS production. *Cell Biochemistry and Biophysics*, **2014**, 70, 367-81	3.2	86
172	Ellagic acid, a polyphenolic compound, selectively induces ROS-mediated apoptosis in cancerous B-lymphocytes of CLL patients by directly targeting mitochondria. *Redox Biology*, **2015**, 6, 461-471	11.3	76
171	Toxicity of Copper Oxide (CuO) Nanoparticles on Human Blood Lymphocytes. *Biological Trace Element Research*, **2018**, 184, 350-357	4.5	69
170	A search for cellular and molecular mechanisms involved in depleted uranium (DU) toxicity. *Environmental Toxicology*, **2006**, 21, 349-54	4.2	55
169	A search for hepatoprotective activity of aqueous extract of Rhus coriaria L. against oxidative stress cytotoxicity. *Food and Chemical Toxicology*, **2010**, 48, 854-8	4.7	51
168	Biological reactive intermediates that mediate dacarbazine cytotoxicity. *Cancer Chemotherapy and Pharmacology*, **2009**, 65, 89-96	3.5	50
167	A comparison of cardiomyocyte cytotoxic mechanisms for 5-fluorouracil and its pro-drug capecitabine. *Xenobiotica*, **2015**, 45, 79-87	2	49
166	Protective effects of fungal □(1-ə)-D-glucan against oxidative stress cytotoxicity induced by depleted uranium in isolated rat hepatocytes. *Human and Experimental Toxicology*, **2011**, 30, 173-81	3.4	48
165	A comparison of hepatocyte cytotoxic mechanisms for thallium (I) and thallium (III). *Environmental Toxicology*, **2010**, 25, 456-67	4.2	46
164	Toxicity of Arsenic (III) on Isolated Liver Mitochondria: A New Mechanistic Approach. *Iranian Journal of Pharmaceutical Research*, **2013**, 12, 121-38	1.1	46
163	Myricetin Selectively Induces Apoptosis on Cancerous Hepatocytes by Directly Targeting Their Mitochondria. *Basic and Clinical Pharmacology and Toxicology*, **2016**, 119, 249-58	3.1	45
162	Toxicity of cuprizone a Cu(2+) chelating agent on isolated mouse brain mitochondria: a justification for demyelination and subsequent behavioral dysfunction. *Toxicology Mechanisms and Methods*, **2016**, 26, 276-83	3.6	45
161	Mitochondrial/lysosomal toxic cross-talk plays a key role in cisplatin nephrotoxicity. *Xenobiotica*, **2010**, 40, 763-71	2	44
160	Depleted uranium induces disruption of energy homeostasis and oxidative stress in isolated rat brain mitochondria. *Metallomics*, **2013**, 5, 736-44	4.5	43

159	Dracocephalum: novel anticancer plant acting on liver cancer cell mitochondria. *BioMed Research International*, **2014**, 2014, 892170	3	43
158	Glutathione mediated reductive activation and mitochondrial dysfunction play key roles in lithium induced oxidative stress and cytotoxicity in liver. *BioMetals*, **2012**, 25, 863-73	3.4	42
157	Selective Cytotoxicity of Luteolin and Kaempferol on Cancerous Hepatocytes Obtained from Rat Model of Hepatocellular Carcinoma: Involvement of ROS-Mediated Mitochondrial Targeting. *Nutrition and Cancer*, **2018**, 70, 594-604	2.8	41
156	Involvement of Lysosomal Labilisation and Lysosomal/mitochondrial Cross-Talk in Diclofenac Induced Hepatotoxicity. *Iranian Journal of Pharmaceutical Research*, **2011**, 10, 877-87	1.1	38
155	Toxicity Mechanisms of Cigarette Smoke on Mouse Fetus Mitochondria. *Iranian Journal of Pharmaceutical Research*, **2015**, 14, 131-8	1.1	38
154	Methotrexate induced mitochondrial injury and cytochrome c release in rat liver hepatocytes. *Drug and Chemical Toxicology*, **2018**, 41, 51-61	2.3	35
153	Toxicity of macrolide antibiotics on isolated heart mitochondria: a justification for their cardiotoxic adverse effect. *Xenobiotica*, **2016**, 46, 82-93	2	34
152	A comparison of toxicity mechanisms of dust storm particles collected in the southwest of Iran on lung and skin using isolated mitochondria. *Toxicological and Environmental Chemistry*, **2014**, 96, 814-830	1.4	34
151	Biological reactive intermediates that mediate chromium (VI) toxicity. *Advances in Experimental Medicine and Biology*, **2001**, 500, 203-7	3.6	33
150	Chrysin as an Anti-Cancer Agent Exerts Selective Toxicity by Directly Inhibiting Mitochondrial Complex II and V in CLL B-lymphocytes. *Cancer Investigation*, **2017**, 35, 174-186	2.1	32
149	Involvement of mitochondrial/lysosomal toxic cross-talk in ecstasy induced liver toxicity under hyperthermic condition. *European Journal of Pharmacology*, **2010**, 643, 162-9	5.3	32
148	A search for hepatoprotective activity of fruit extract of Mangifera indica L. against oxidative stress cytotoxicity. *Plant Foods for Human Nutrition*, **2010**, 65, 83-9	3.9	31
147	Contrasting role of Na(+) ions in modulating Cu(+2) or Cd(+2) induced hepatocyte toxicity. *Chemico-Biological Interactions*, **2000**, 126, 159-69	5	31
146	Schizophrenia induces oxidative stress and cytochrome C release in isolated rat brain mitochondria: a possible pathway for induction of apoptosis and neurodegeneration. *Iranian Journal of Pharmaceutical Research*, **2014**, 13, 93-100	1.1	30
145	Selective Anticancer Activity of Acacetin Against Chronic Lymphocytic Leukemia Using Both In Vivo and In Vitro Methods: Key Role of Oxidative Stress and Cancerous Mitochondria. *Nutrition and Cancer*, **2016**, 68, 1404-1416	2.8	29
144	Selective Toxicity of Apigenin on Cancerous Hepatocytes by Directly Targeting their Mitochondria. *Anti-Cancer Agents in Medicinal Chemistry*, **2016**, 16, 1576-1586	2.2	28
143	Application of isolated mitochondria in toxicological and clinical studies. *Iranian Journal of Pharmaceutical Research*, **2012**, 11, 703-4	1.1	27
142	The mechanism of protective effect of crocin against liver mitochondrial toxicity caused by arsenic III. *Toxicology Mechanisms and Methods*, **2018**, 28, 105-114	3.6	27

141	Involvement of mitochondrial-mediated caspase-3 activation and lysosomal labilization in acrylamide-induced liver toxicity. *Toxicological and Environmental Chemistry*, **2015**, 97, 563-575	1.4	24
140	Xylene Induces Oxidative Stress and Mitochondria Damage in Isolated Human Lymphocytes. *Toxicological Research*, **2017**, 33, 233-238	3.7	24
139	Toxicity of cigarette smoke on isolated lung, heart, and brain mitochondria: induction of oxidative stress and cytochrome c release. *Toxicological and Environmental Chemistry*, **2013**, 95, 1624-1637	1.4	24
138	Maternal exposure causes mitochondrial dysfunction in brain, liver, and heart of mouse fetus: An explanation for perfluorooctanoic acid induced abortion and developmental toxicity. *Environmental Toxicology*, **2019**, 34, 878-885	4.2	23
137	Toxicity of methyl tertiary-butyl ether on human blood lymphocytes. *Environmental Science and Pollution Research*, **2016**, 23, 8556-64	5.1	23
136	Toxicity of Atorvastatin on Pancreas Mitochondria: A Justification for Increased Risk of Diabetes Mellitus. *Basic and Clinical Pharmacology and Toxicology*, **2017**, 120, 131-137	3.1	23
135	Selective Toxicity of Persian Gulf Sea Cucumber (Holothuria parva) and Sponge (Haliclona oculata) Methanolic Extracts on Liver Mitochondria Isolated from an Animal Model of Hepatocellular Carcinoma. *Hepatitis Monthly*, **2015**, 15, e33073	1.8	23
134	Single-walled carbon nanotube, multi-walled carbon nanotube and FeO nanoparticles induced mitochondria mediated apoptosis in melanoma cells. *Cutaneous and Ocular Toxicology*, **2018**, 37, 157-166	1.8	23
133	Selective toxicity of persian gulf sea cucumber holothuria parva on human chronic lymphocytic leukemia b lymphocytes by direct mitochondrial targeting. *Environmental Toxicology*, **2017**, 32, 1158-1169	4.2	22
132	Chrysin ameliorates aluminum phosphide-induced oxidative stress and mitochondrial damages in rat cardiomyocytes and isolated mitochondria. *Environmental Toxicology*, **2020**, 35, 1114-1124	4.2	20
131	Protective effect of Cassia fistula fruit extract against bromobenzene-induced liver injury in mice. *Human and Experimental Toxicology*, **2011**, 30, 1039-44	3.4	20
130	Hepatoprotective activity of angiotensin-converting enzyme (ACE) inhibitors, captopril and enalapril, against paraquat toxicity. *Pesticide Biochemistry and Physiology*, **2011**, 99, 105-110	4.9	18
129	Potentiating role of copper on spatial memory deficit induced by beta amyloid and evaluation of mitochondrial function markers in the hippocampus of rats. *Metallomics*, **2017**, 9, 969-980	4.5	17
128	A Search for Mitochondrial Damage in Alzheimer's Disease Using Isolated Rat Brain Mitochondria. *Iranian Journal of Pharmaceutical Research*, **2016**, 15, 185-195	1.1	16
127	Matrine Induction of ROS Mediated Apoptosis in Human ALL B-lymphocytes Via Mitochondrial Targeting. *Asian Pacific Journal of Cancer Prevention*, **2018**, 19, 555-560	1.7	16
126	Protection of manganese oxide nanoparticles-induced liver and kidney damage by vitamin D. *Regulatory Toxicology and Pharmacology*, **2018**, 98, 240-244	3.4	15
125	Individual and combined toxicity of carboxylic acid functionalized multi-walled carbon nanotubes and benzo a pyrene in lung adenocarcinoma cells. *Environmental Science and Pollution Research*, **2019**, 26, 12709-12719	5.1	14
124	Curcumin Protects Mitochondria and Cardiomyocytes from Oxidative Damage and Apoptosis Induced by Hemiscorpius Lepturus Venom. *Drug Research*, **2018**, 68, 113-120	1.8	14

123	Inhalation exposure of nano diamond induced oxidative stress in lung, heart and brain. *Xenobiotica*, **2018**, 48, 860-866	2	14
122	Involvement of subcellular organelles in inflammatory pain-induced oxidative stress and apoptosis in the rat hepatocytes. *Archives of Iranian Medicine*, **2008**, 11, 407-17	2.4	14
121	Mitochondrial protective and antioxidant agents protect toxicity induced by depleted uranium in isolated human lymphocytes. *Journal of Environmental Radioactivity*, **2019**, 203, 112-116	2.4	13
120	Curcumin attenuates bevacizumab-induced toxicity via suppressing oxidative stress and preventing mitochondrial dysfunction in heart mitochondria. *Naunyn-Schmiedebergls Archives of Pharmacology*, **2020**, 393, 1447-1457	3.4	13
119	Toxicity of nanotitanium dioxide (TiO-NP) on human monocytes and their mitochondria. *Environmental Science and Pollution Research*, **2018**, 25, 6739-6750	5.1	13
118	Protective effect of Cassia fistula fruit extract on bromobenzene-induced nephrotoxicity in mice. *Human and Experimental Toxicology*, **2011**, 30, 1710-5	3.4	13
117	Crocin Prevents Sub-Cellular Organelle Damage, Proteolysis and Apoptosis in Rat Hepatocytes: A Justification for Its Hepatoprotection. *Iranian Journal of Pharmaceutical Research*, **2018**, 17, 553-562	1.1	13
116	Apigenin attenuates Aluminum phosphide-induced cytotoxicity via reducing mitochondrial/Lysosomal damages and oxidative stress in rat Cardiomyocytes. *Pesticide Biochemistry and Physiology*, **2020**, 167, 104585	4.9	12
115	Mitochondrial Permeability Transition Pore Sealing Agents and Antioxidants Protect Oxidative Stress and Mitochondrial Dysfunction Induced by Naproxen, Diclofenac and Celecoxib. *Drug Research*, **2019**, 69, 598-605	1.8	12
114	Toxicity of lithium on isolated heart mitochondria and cardiomyocyte: A justification for its cardiotoxic adverse effect. *Journal of Biochemical and Molecular Toxicology*, **2017**, 31, N/A	3.4	12
113	Mitochondrial and lysosomal protective agents ameliorate cytotoxicity and oxidative stress induced by cyclophosphamide and methotrexate in human blood lymphocytes. *Human and Experimental Toxicology*, **2019**, 38, 1266-1274	3.4	11
112	Inhibition of glucose-6-phosphate dehydrogenase protects hepatocytes from aluminum phosphide-induced toxicity. *Pesticide Biochemistry and Physiology*, **2017**, 143, 141-146	4.9	11
111	Persian Gulf Jellyfish (Cassiopea andromeda) Venom Fractions Induce Selective Injury and Cytochrome C Release in Mitochondria Obtained from Breast Adenocarcinoma Patients. *Asian Pacific Journal of Cancer Prevention*, **2017**, 18, 277-286	1.7	11
110	Vanadium induces liver toxicity through reductive activation by glutathione and mitochondrial dysfunction. *Advances in Bioscience and Biotechnology (Print)*, **2012**, 03, 1096-1103	0.9	11
109	A cAMP analog attenuates beta-amyloid (1-42)-induced mitochondrial dysfunction and spatial learning and memory deficits. *Brain Research Bulletin*, **2018**, 140, 34-42	3.9	10
108	Selective toxicity of chrysin on mitochondria isolated from liver of a HCC rat model. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 115163	3.4	10
107	A comparison of toxicity mechanisms of cigarette smoke on isolated mitochondria obtained from rat liver and skin. *Iranian Journal of Pharmaceutical Research*, **2015**, 14, 271-7	1.1	10
106	Naja Naja Oxiana Venom Fraction Selectively Induces ROS-Mediated Apoptosis in Human Colorectal Tumor Cells by Directly Targeting Mitochondria. *Asian Pacific Journal of Cancer Prevention*, **2017**, 18, 2201-2208	1.7	10

105	Toxicity of Fe O nanoparticles on human blood lymphocytes. *Journal of Biochemical and Molecular Toxicology*, **2019**, 33, e22303	3.4	10
104	Bevacizumab as a monoclonal antibody inhibits mitochondrial complex II in isolated rat heart mitochondria: ameliorative effect of ellagic acid. *Drug and Chemical Toxicology*, **2020**, 1-8	2.3	9
103	Identification of (Z)-2,3-Diphenylacrylonitrileas Anti-Cancer Molecule in Persian Gulf Sea Cucumber Holothuria parva. *Marine Drugs*, **2017**, 15,	6	9
102	Lysosomal membrane leakiness and metabolic biomethylation play key roles in methyl tertiary butyl ether-induced toxicity and detoxification. *Toxicological and Environmental Chemistry*, **2012**, 94, 281-293	1.4	9
101	The antioxidant and neuroprotective effects of Zolpidem on acrylamide-induced neurotoxicity using Wistar rat primary neuronal cortical culture. *Toxicology Reports*, **2020**, 7, 233-240	4.8	9
100	Analysis of cytotoxic effects of nickel on human blood lymphocytes. *Toxicology Mechanisms and Methods*, **2018**, 28, 79-86	3.6	9
99	Selective anticancer activity of superparamagnetic iron oxide nanoparticles (SPIONs) against oral tongue cancer using in vitro methods: The key role of oxidative stress on cancerous mitochondria. *Journal of Biochemical and Molecular Toxicology*, **2020**, 34, e22557	3.4	8
98	Repeated Administration of Mercury Intensifies Brain Damage in Multiple Sclerosis through Mitochondrial Dysfunction. *Iranian Journal of Pharmaceutical Research*, **2016**, 15, 834-841	1.1	8
97	Protection of CCl-induced hepatic and renal damage by linalool. *Drug and Chemical Toxicology*, **2020** , 1-9	2.3	8
96	Ellagic acid alleviates clozapine-induced oxidative stress and mitochondrial dysfunction in cardiomyocytes. *Drug and Chemical Toxicology*, **2020**, 1-9	2.3	8
95	Selenium and L-carnitine protects from valproic acid-Induced oxidative stress and mitochondrial damages in rat cortical neurons. *Drug and Chemical Toxicology*, **2020**, 1-8	2.3	8
94	A comparison of mitochondrial toxicity of mephedrone on three separate parts of brain including hippocampus, cortex and cerebellum. *NeuroToxicology*, **2019**, 73, 40-49	4.4	8
93	Role of Natural Compounds in Prevention and Treatment of Chronic Lymphocytic Leukemia **2018**, 195-203		8
92	Targeting the mitochondrial apoptosis pathway by a newly synthesized COX-2 inhibitor in pediatric ALL lymphocytes. *Future Medicinal Chemistry*, **2018**, 10, 2277-2289	4.1	8
91	Protective effects of Sesamum indicum extract against oxidative stress induced by vanadium on isolated rat hepatocytes. *Environmental Toxicology*, **2016**, 31, 979-85	4.2	7
90	Analysis of cytotoxic effects of chlorhexidine gluconate as antiseptic agent on human blood lymphocytes. *Journal of Biochemical and Molecular Toxicology*, **2017**, 31, e21918	3.4	7
89	The mechanism of hepatotoxic effects of sodium nitrite on isolated rat hepatocytes. *Toxicology and Environmental Health Sciences*, **2017**, 9, 244-250	1.9	7
88	Toxicity of multi-wall carbon nanotubes inhalation on the brain of rats. *Environmental Science and Pollution Research*, **2020**, 27, 12096-12111	5.1	7

87	Evaluation of the toxicity effects of silk fibroin on human lymphocytes and monocytes. *Journal of Biochemical and Molecular Toxicology*, **2018**, 32, e22056	3.4	7
86	Comparison of the effects of MnO-NPs and MnO-MPs on mitochondrial complexes in different organs. *Toxicology Mechanisms and Methods*, **2019**, 29, 86-94	3.6	7
85	Exposure to Antineoplastic Agents Induces Cytotoxicity in Nurse Lymphocytes: Role of Mitochondrial Damage and Oxidative Stress. *Iranian Journal of Pharmaceutical Research*, **2018**, 17, 43-52	1.1	7
84	Toxicity of Atenolol and Propranolol on Rat Heart Mitochondria. *Drug Research*, **2020**, 70, 151-157	1.8	7
83	Moderate O/O therapy enhances enzymatic and non-enzymatic antioxidant in brain and cochlear that protects noise-induced hearing loss. *Free Radical Research*, **2017**, 51, 828-837	4	6
82	4-(4-(Methylsulfonyl)phenyl)-3-phenoxy-1-phenylazetidin-2-one: a novel COX-2 inhibitor acting selectively and directly on cancerous B-lymphocyte mitochondria. *Toxicological and Environmental Chemistry*, **2015**, 97, 908-921	1.4	6
81	Comparison of cellular and molecular cytotoxic mechanisms of Cochlodinium polykrikoides in isolated trout and rat hepatocytes. *Toxicological and Environmental Chemistry*, **2014**, 96, 917-930	1.4	6
80	Standardized Extract of the Persian Gulf Sponge, Axinella Sinoxea Selectively Induces Apoptosis through Mitochondria in Human Chronic Lymphocytic Leukemia Cells. *Journal of Analytical Oncology*, **2015**, 4, 132-40		6
79	The effects of para-phenylenediamine (PPD) on the skin fibroblast cells. *Xenobiotica*, **2019**, 49, 1143-1148	2	6
78	Mitochondrial, lysosomal and DNA damages induced by acrylamide attenuate by ellagic acid in human lymphocyte. *PLoS ONE*, **2021**, 16, e0247776	3.7	6
77	1,25-dihydroxyvitamin D3 prevents deleterious effects of erythromycin on mitochondrial function in rat heart isolated mitochondria. *Clinical and Experimental Pharmacology and Physiology*, **2020**, 47, 1554-1563	3	5
76	Toxicity of depleted uranium on isolated liver mitochondria: a revised mechanistic vision for justification of clinical complication of depleted uranium (DU) on liver. *Toxicological and Environmental Chemistry*, **2013**, 95, 1221-1234	1.4	5
75	Toxicity of 4-methylimidazole on isolated brain mitochondria: using both in vivo and in vitro methods. *Toxicological and Environmental Chemistry*, **2015**, 97, 663-673	1.4	4
74	Trifluoperazine an Antipsychotic Drug and Inhibitor of Mitochondrial Permeability Transition Protects Cytarabine and Ifosfamide-Induced Neurotoxicity. *Drug Research*, **2020**, 70, 265-272	1.8	4
73	Antioxidant Potential and Inhibition of Mitochondrial Permeability Transition Pore by Myricetin Reduces Aluminium Phosphide-Induced Cytotoxicity and Mitochondrial Impairments. *Frontiers in Pharmacology*, **2021**, 12, 719081	5.6	4
72	A Review on Toxicodynamics of Depleted Uranium. *Iranian Journal of Pharmaceutical Research*, **2019**, 18, 90-100	1.1	4
71	Synergistic Effects of Ellagic Acid and Sorafenib on Hepatocytes and Mitochondria Isolated from a Hepatocellular Carcinoma Rat Model. *Nutrition and Cancer*, **2020**, 1-9	2.8	4
70	Calcitriol attenuates the cytotoxicity induced by aluminium phosphide via inhibiting mitochondrial dysfunction and oxidative stress in rat isolated cardiomyocytes. *Pesticide Biochemistry and Physiology*, **2021**, 176, 104883	4.9	4

69	Analysis of apoptosis related genes in nurses exposed to anti-neoplastic drugs. *BMC Pharmacology & Toxicology*, **2019**, 20, 74	2.6	4
68	Combined toxicity of multi-walled carbon nanotubes and benzo [a] pyrene in human epithelial lung cells. *Toxin Reviews*, **2019**, 38, 212-222	2.3	4
67	Persian Gulf Snail Crude Venom (Conus textile): A Potential Source of Anti-Cancer Therapeutic Agents for Glioblastoma through Mitochondrial-Mediated Apoptosis. *Asian Pacific Journal of Cancer Prevention*, **2021**, 22, 49-57	1.7	4
66	Analysis of Toxicity Effects of Buspirone, Cetirizine and Olanzapine on Human Blood Lymphocytes: in Vitro Model. *Current Clinical Pharmacology*, **2018**, 13, 120-127	2.5	4
65	Contrasting Role of Concentration in Rivaroxaban Induced Toxicity and Oxidative Stress in Isolated Kidney Mitochondria. *Drug Research*, **2019**, 69, 523-527	1.8	3
64	Direct toxicity of amyloid beta peptide on rat brain mitochondria: preventive role of Mangifera indica and Juglans regia. *Toxicological and Environmental Chemistry*, **2015**, 1-14	1.4	3
63	Toxicity of Pioglitazone on Mitochondria Isolated from Brain and Heart: An Analysis for Probable Drug-Induced Neurotoxicity and Cardiotoxicity. *Drug Research*, **2020**, 70, 112-118	1.8	3
62	Non-polar compounds of Persian Gulf sea cucumber Holothuria parva selectively induce toxicity on skin mitochondria isolated from animal model of melanoma. *Cutaneous and Ocular Toxicology*, **2018**, 37, 218-227	1.8	3
61	Selective Toxicity of Non Polar Bioactive Compounds of Persian Gulf Sea Squirt Phallusia Nigra on Skin Mitochondria Isolated from Rat Model of Melanoma. *Asian Pacific Journal of Cancer Prevention*, **2017**, 18, 811-818	1.7	3
60	Induction of Apoptosis by Extract of Persian Gulf Marine Mollusk, through the ROS-Mediated Mitochondrial Targeting on Human Epithelial Ovarian Cancer Cells. *Iranian Journal of Pharmaceutical Research*, **2019**, 18, 263-274	1.1	3
59	Pathogenic Mechanisms and Therapeutic Implication in Nickel-Induced Cell Damage. *Endocrine, Metabolic and Immune Disorders - Drug Targets*, **2020**, 20, 968-984	2.2	3
58	Assessment of cytotoxic effects of new derivatives of pyrazino[1,2-a] benzimidazole on isolated human glioblastoma cells and mitochondria. *Life Sciences*, **2021**, 286, 120022	6.8	3
57	Stabilization of Mitochondrial Function by Ellagic Acid Prevents Celecoxib-induced Toxicity in Rat Cardiomyocytes and Isolated Mitochondria. *Drug Research*, **2021**, 71, 219-227	1.8	3
56	Calcitriol Reduces Adverse Effects of Diclofenac on Mitochondrial Function in Isolated Rat Heart Mitochondria. *Drug Research*, **2020**, 70, 317-324	1.8	3
55	The selective toxicity of superparamagnetic iron oxide nanoparticles (SPIONs) on oral squamous cell carcinoma (OSCC) by targeting their mitochondria. *Journal of Biochemical and Molecular Toxicology*, **2021**, 35, 1-8	3.4	3
54	Luteolin attenuates Fipronil-induced neurotoxicity through reduction of the ROS-mediated oxidative stress in rat brain mitochondria. *Pesticide Biochemistry and Physiology*, **2021**, 173, 104785	4.9	3
53	Thymoquinone reduces mitochondrial damage and death of cardiomyocytes induced by clozapine. *Naunyn-Schmiedebergls Archives of Pharmacology*, **2021**, 394, 1675-1684	3.4	3
52	Restoration and stabilization of acrylamide-induced DNA, mitochondrial damages and oxidative stress by chrysin in human lymphocyte. *Expert Opinion on Drug Metabolism and Toxicology*, **2021**, 17, 857-865	5.5	3

51	Toxicity of fipronil on rat heart mitochondria. *Toxin Reviews*, **2019**, 1-9	2.3	3
50	Evaluation of Cytotoxic Activity of Betanin Against U87MG Human Glioma Cells and Normal Human Lymphocytes and Its Anticancer Potential Through Mitochondrial Pathway. *Nutrition and Cancer*, **2021**, 73, 450-459	2.8	3
49	Apigenin ameliorates oxidative stress and mitochondrial damage induced by multiwall carbon nanotubes in rat kidney mitochondria. *Journal of Biochemical and Molecular Toxicology*, **2021**, 35, 1-7	3.4	3
48	Toxicity of new synthetic amphetamine drug mephedrone On Rat Heart mitochondria: a warning for its abuse. *Xenobiotica*, **2018**, 48, 1278-1284	2	3
47	Synthesis and toxicity assessment of 3-oxobutanamides against human lymphocytes and isolated mitochondria. *Environmental Toxicology and Pharmacology*, **2017**, 51, 71-84	5.8	2
46	Analysis of the acrylamide in breads and evaluation of mitochondrial/lysosomal protective agents to reduce its toxicity in vitro model. *Toxin Reviews*, **2020**, 1-10	2.3	2
45	Propolis induce cytotoxicity on cancerous hepatocytes isolated from rat model of hepatocellular carcinoma: Involvement of ROS-mediated mitochondrial targeting. *PharmaNutrition*, **2016**, 4, 143-150	2.9	2
44	Measurement of Mitochondrial Toxicity Parameters in Embryonic Hippocampus. *Methods in Molecular Biology*, **2018**, 1797, 537-544	1.4	2
43	Nickel oxide nanoparticles exert selective toxicity on skin mitochondria and lysosomes isolated from the mouse model of melanoma. *Journal of Biochemical and Molecular Toxicology*, **2019**, 33, e22376	3.4	2
42	A new approach on lithium-induced neurotoxicity using rat neuronal cortical culture: Involvement of oxidative stress and lysosomal/mitochondrial toxic Cross-Talk. *Main Group Metal Chemistry*, **2020**, 43, 15-25	1.6	2
41	Natural compounds target mitochondrial alterations in cancer cell: new avenue for anticancer research. *Iranian Journal of Pharmaceutical Research*, **2014**, 13, 1-2	1.1	2
40	Novel Colchicine Analogues Target Mitochondrial PT Pores Using Free Tubulins and Induce ROS-Mediated Apoptosis in Cancerous Lymphocytes. *Iranian Journal of Pharmaceutical Research*, **2018**, 17, 1476-1487	1.1	2
39	Evaluation of the Toxicity Effects of Silk Fibroin on Isolated Fibroblast and Huvec Cells. *Iranian Journal of Pharmaceutical Research*, **2018**, 17, 134-145	1.1	2
38	Β-lactam Structured, 4-(4-(Methylsulfonyl)phenyl)-1-pentyl-3-phenoxyazetidin-2-one: Selectively Targets Cancerous B Lymphocyte Mitochondria. *Anti-Cancer Agents in Medicinal Chemistry*, **2017**, 17, 1292-1301	2.2	2
37	Induction of Apoptosis by an Extract of Persian Gulf Marine Mollusc, Turbo Coronatus through the Production of Reactive Oxygen Species in Mouse Melanoma Cells. *Asian Pacific Journal of Cancer Prevention*, **2018**, 19, 3479-3488	1.7	2
36	Linalool reverses benzene-induced cytotoxicity, oxidative stress and lysosomal/mitochondrial damages in human lymphocytes. *Drug and Chemical Toxicology*, **2021**, 1-9	2.3	2
35	Mesalazine Induces Oxidative Stress and Cytochrome c Release in Isolated Rat Heart Mitochondria: An Analysis of Cardiotoxic Effects. *International Journal of Toxicology*, **2020**, 39, 241-247	2.4	2
34	Selective toxicity of Caspian cobra (Naja oxiana) venom on liver cancer cell mitochondria. *Asian Pacific Journal of Tropical Biomedicine*, **2017**, 7, 460-465	1.4	1

33	Contrasting Role of Dose Increase in Modulating Sofosbuvir-Induced Hepatocyte Toxicity. *Drug Research*, **2020**, 70, 137-144	1.8	1
32	Cigarette Smoke and Mitochondrial Damage **2018**, 709-725		1
31	In Vivo Analysis of Apoptosis in Embryonic Hippocampus. *Methods in Molecular Biology*, **2018**, 1797, 531-536	1.4	1
30	Antagonistic effect of co-exposure to short-multiwalled carbon nanotubes and benzo[a]pyrene in human lung cells (A549). *Toxicology and Industrial Health*, **2019**, 35, 445-456	1.8	1
29	In vitroEvaluation of Some Different Brands of Alprazolam Tablets. *E-Journal of Chemistry*, **2007**, 4, 563-573		1
28	Role of Mitochondria and Lysosomes in the Selective Cytotoxicity of Cold Atmospheric Plasma on Retinoblastoma Cells. *Iranian Journal of Pharmaceutical Research*, **2020**, 19, 203-215	1.1	1
27	Evaluation of Molecular and Cellular Alterations Induced by Neuropathic Pain in Rat Brain Glial cells. *Iranian Journal of Pharmaceutical Research*, **2021**, 20, 359-370	1.1	1
26	Protective Effect of Crocin against Mitochondrial Damage and Memory Deficit Induced by Beta-amyloid in the Hippocampus of Rats. *Iranian Journal of Pharmaceutical Research*, **2021**, 20, 79-94	1.1	1
25	A Comparison of Cytotoxic Effects of L. and Extract on Human Chronic Lymphocytic Leukemia. *Iranian Journal of Pharmaceutical Research*, **2019**, 18, 1843-1853	1.1	1
24	Celecoxib decreases mitochondrial complex IV activity and induces oxidative stress in isolated rat heart mitochondria: An analysis for its cardiotoxic adverse effect. *Journal of Biochemical and Molecular Toxicology*, **2021**, e22934	3.4	1
23	Antioxidant activity of calcitriol reduces direct methamphetamine-induced mitochondrial dysfunction in isolated rat heart mitochondria. *Toxin Reviews*,1-9	2.3	1
22	Exposure to 4-methylimidazole as a food pollutant induces neurobehavioral toxicity in mother and developmental impairments in the offspring. *Toxin Reviews*,1-6	2.3	1
21	Evaluation of Cytotoxic Potentials of Novel Cyclooxygenase-2 Inhibitor against ALL Lymphocytes and Normal Lymphocytes and Its Anticancer Effect through Mitochondrial Pathway. *Cancer Investigation*, **2020**, 38, 463-475	2.1	1
20	Mephedrone as a new synthetic amphetamine induces abortion, morphological alterations and mitochondrial dysfunction in mouse embryos. *Toxin Reviews*, **2020**, 1-8	2.3	1
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