

# Ahmad Salimi

## List of Publications by Year in descending order

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181  
papers

3,772  
citations

126901

33  
h-index

182417

51  
g-index

186  
all docs

186  
docs citations

186  
times ranked

4558  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison of hepatocyte cytotoxic mechanisms for Cu <sup>2+</sup> and Cd <sup>2+</sup> . <i>Toxicology</i> , 2000, 143, 263-273.	4.2	246
2	Toxicity of depleted uranium on isolated rat kidney mitochondria. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1940-1950.	2.4	121
3	Toxicity of Copper on Isolated Liver Mitochondria: Impairment at Complexes I, II, and IV Leads to Increased ROS Production. <i>Cell Biochemistry and Biophysics</i> , 2014, 70, 367-381.	1.8	116
4	Toxicity of vanadium on isolated rat liver mitochondria: a new mechanistic approach. <i>Metallomics</i> , 2013, 5, 152.	2.4	107
5	Toxicity of Copper Oxide (CuO) Nanoparticles on Human Blood Lymphocytes. <i>Biological Trace Element Research</i> , 2018, 184, 350-357.	3.5	97
6	Ellagic acid, a polyphenolic compound, selectively induces ROS-mediated apoptosis in cancerous B-lymphocytes of CLL patients by directly targeting mitochondria. <i>Redox Biology</i> , 2015, 6, 461-471.	9.0	91
7	A comparison of cardiomyocyte cytotoxic mechanisms for 5-fluorouracil and its pro-drug capecitabine. <i>Xenobiotica</i> , 2015, 45, 79-87.	1.1	70
8	A search for hepatoprotective activity of aqueous extract of <i>Rhus coriaria</i> L. against oxidative stress cytotoxicity. <i>Food and Chemical Toxicology</i> , 2010, 48, 854-858.	3.6	66
9	A search for cellular and molecular mechanisms involved in depleted uranium (DU) toxicity. <i>Environmental Toxicology</i> , 2006, 21, 349-354.	4.0	65
10	Toxicity of cuprizone a Cu <sup>2+</sup> chelating agent on isolated mouse brain mitochondria: a justification for demyelination and subsequent behavioral dysfunction. <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 276-283.	2.7	64
11	Selective Cytotoxicity of Luteolin and Kaempferol on Cancerous Hepatocytes Obtained from Rat Model of Hepatocellular Carcinoma: Involvement of ROS-Mediated Mitochondrial Targeting. <i>Nutrition and Cancer</i> , 2018, 70, 594-604.	2.0	62
12	Biological reactive intermediates that mediate dacarbazine cytotoxicity. <i>Cancer Chemotherapy and Pharmacology</i> , 2009, 65, 89-96.	2.3	58
13	Protective effects of fungal Î²-(1â†'3)-D-glucan against oxidative stress cytotoxicity induced by depleted uranium in isolated rat hepatocytes. <i>Human and Experimental Toxicology</i> , 2011, 30, 173-181.	2.2	56
14	A comparison of hepatocyte cytotoxic mechanisms for thallium (I) and thallium (III). <i>Environmental Toxicology</i> , 2010, 25, 456-467.	4.0	55
15	Methotrexate induced mitochondrial injury and cytochrome c release in rat liver hepatocytes. <i>Drug and Chemical Toxicology</i> , 2018, 41, 51-61.	2.3	54
16	Myricetin Selectively Induces Apoptosis on Cancerous Hepatocytes by Directly Targeting Their Mitochondria. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 249-258.	2.5	52
17	Toxicity of macrolide antibiotics on isolated heart mitochondria: a justification for their cardiotoxic adverse effect. <i>Xenobiotica</i> , 2016, 46, 82-93.	1.1	51
18	Mitochondrial/lysosomal toxic cross-talk plays a key role in cisplatin nephrotoxicity. <i>Xenobiotica</i> , 2010, 40, 763-771.	1.1	50

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19	Glutathione mediated reductive activation and mitochondrial dysfunction play key roles in lithium induced oxidative stress and cytotoxicity in liver. <i>BioMetals</i> , 2012, 25, 863-873.	4.1	50
20	Depleted uranium induces disruption of energy homeostasis and oxidative stress in isolated rat brain mitochondria. <i>Metallomics</i> , 2013, 5, 736.	2.4	49
21	Maternal exposure causes mitochondrial dysfunction in brain, liver, and heart of mouse fetus: An explanation for perfluorooctanoic acid induced abortion and developmental toxicity. <i>Environmental Toxicology</i> , 2019, 34, 878-885.	4.0	49
22	Toxicity of Arsenic (III) on Isolated Liver Mitochondria: A New Mechanistic Approach. <i>Iranian Journal of Pharmaceutical Research</i> , 2013, 12, 121-38.	0.5	49
23	Dracocephalum: Novel Anticancer Plant Acting on Liver Cancer Cell Mitochondria. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	48
24	Toxicity Mechanisms of Cigarette Smoke on Mouse Fetus Mitochondria. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 131-8.	0.5	47
25	Chrysin as an Anti-Cancer Agent Exerts Selective Toxicity by Directly Inhibiting Mitochondrial Complex II and V in CLL B-lymphocytes. <i>Cancer Investigation</i> , 2017, 35, 174-186.	1.3	46
26	A comparison of toxicity mechanisms of dust storm particles collected in the southwest of Iran on lung and skin using isolated mitochondria. <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 814-830.	1.2	42
27	Involvement of Lysosomal Labilisation and Lysosomal/mitochondrial Cross-Talk in Diclofenac Induced Hepatotoxicity. <i>Iranian Journal of Pharmaceutical Research</i> , 2011, 10, 877-87.	0.5	42
28	Biological Reactive Intermediates that Mediate Chromium (VI) Toxicity. <i>Advances in Experimental Medicine and Biology</i> , 2001, 500, 203-207.	1.6	39
29	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. <i>Nutrition and Cancer</i> , 2016, 68, 1404-1416.	2.0	37
30	Toxicity of Atorvastatin on Pancreas Mitochondria: A Justification for Increased Risk of Diabetes Mellitus. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 131-137.	2.5	37
31	Contrasting role of Na <sup>+</sup> ions in modulating Cu <sup>+2</sup> or Cd <sup>+2</sup> induced hepatocyte toxicity. <i>Chemico-Biological Interactions</i> , 2000, 126, 159-169.	4.0	36
32	Involvement of mitochondrial/lysosomal toxic cross-talk in ecstasy induced liver toxicity under hyperthermic condition. <i>European Journal of Pharmacology</i> , 2010, 643, 162-169.	3.5	36
33	Selective Toxicity of Apigenin on Cancerous Hepatocytes by Directly Targeting their Mitochondria. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016, 16, 1576-1586.	1.7	35
34	A Search for Hepatoprotective Activity of Fruit Extract of <i>Mangifera indica</i> L. Against Oxidative Stress Cytotoxicity. <i>Plant Foods for Human Nutrition</i> , 2010, 65, 83-89.	3.2	34
35	Potentiating role of copper on spatial memory deficit induced by beta amyloid and evaluation of mitochondrial function markers in the hippocampus of rats. <i>Metallomics</i> , 2017, 9, 969-980.	2.4	34
36	Xylene Induces Oxidative Stress and Mitochondria Damage in Isolated Human Lymphocytes. <i>Toxicological Research</i> , 2017, 33, 233-238.	2.1	34

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37	Schizophrenia induces oxidative stress and cytochrome C release in isolated rat brain mitochondria: a possible pathway for induction of apoptosis and neurodegeneration. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 93-100.	0.5	34
38	Toxicity of cigarette smoke on isolated lung, heart, and brain mitochondria: induction of oxidative stress and cytochrome c release. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 1624-1637.	1.2	33
39	Single-walled carbon nanotube, multi-walled carbon nanotube and Fe <sub>2</sub> O <sub>3</sub> nanoparticles induced mitochondria mediated apoptosis in melanoma cells. <i>Cutaneous and Ocular Toxicology</i> , 2018, 37, 157-166.	1.3	33
40	Chrysin ameliorates aluminum phosphate induced oxidative stress and mitochondrial damages in rat cardiomyocytes and isolated mitochondria. <i>Environmental Toxicology</i> , 2020, 35, 1114-1124.	4.0	33
41	The mechanism of protective effect of crocin against liver mitochondrial toxicity caused by arsenic III. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 105-114.	2.7	32
42	Selective Toxicity of Persian Gulf Sea Cucumber ( <i>Holothuria parva</i> ) and Sponge ( <i>Haliclona oculata</i> ) Methanolic Extracts on Liver Mitochondria Isolated from an Animal Model of Hepatocellular Carcinoma. <i>Hepatitis Monthly</i> , 2015, 15, e33073.	0.2	30
43	Involvement of mitochondrial-mediated caspase-3 activation and lysosomal labilization in acrylamide-induced liver toxicity. <i>Toxicological and Environmental Chemistry</i> , 2015, 97, 563-575.	1.2	30
44	Application of isolated mitochondria in toxicological and clinical studies. <i>Iranian Journal of Pharmaceutical Research</i> , 2012, 11, 703-4.	0.5	30
45	Toxicity of methyl tertiary-butyl ether on human blood lymphocytes. <i>Environmental Science and Pollution Research</i> , 2016, 23, 8556-8564.	5.3	29
46	Mitochondrial protective and antioxidant agents protect toxicity induced by depleted uranium in isolated human lymphocytes. <i>Journal of Environmental Radioactivity</i> , 2019, 203, 112-116.	1.7	29
47	Curcumin attenuates bevacizumab-induced toxicity via suppressing oxidative stress and preventing mitochondrial dysfunction in heart mitochondria. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1447-1457.	3.0	29
48	Selective toxicity of persian gulf sea cucumber holothuria parva on human chronic lymphocytic leukemia b lymphocytes by direct mitochondrial targeting. <i>Environmental Toxicology</i> , 2017, 32, 1158-1169.	4.0	26
49	Protective effect of Cassia fistula fruit extract against bromobenzene-induced liver injury in mice. <i>Human and Experimental Toxicology</i> , 2011, 30, 1039-1044.	2.2	24
50	Mitochondrial Permeability Transition Pore Sealing Agents and Antioxidants Protect Oxidative Stress and Mitochondrial Dysfunction Induced by Naproxen, Diclofenac and Celecoxib. <i>Drug Research</i> , 2019, 69, 598-605.	1.7	22
51	Differences in sensitivity of human lymphocytes and fish lymphocytes to polyvinyl chloride microplastic toxicity. <i>Toxicology and Industrial Health</i> , 2022, 38, 100-111.	1.4	22
52	Protection of manganese oxide nanoparticles-induced liver and kidney damage by vitamin D. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 98, 240-244.	2.7	21
53	The selective toxicity of superparamagnetic iron oxide nanoparticles (SPIONs) on oral squamous cell carcinoma (OSCC) by targeting their mitochondria. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, 1-8.	3.0	21
54	Hepatoprotective activity of angiotensin-converting enzyme (ACE) inhibitors, captopril and enalapril, against paraquat toxicity. <i>Pesticide Biochemistry and Physiology</i> , 2011, 99, 105-110.	3.6	20

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55	Mitochondrial and lysosomal protective agents ameliorate cytotoxicity and oxidative stress induced by cyclophosphamide and methotrexate in human blood lymphocytes. <i>Human and Experimental Toxicology</i> , 2019, 38, 1266-1274.	2.2	20
56	Luteolin attenuates Fipronil-induced neurotoxicity through reduction of the ROS-mediated oxidative stress in rat brain mitochondria. <i>Pesticide Biochemistry and Physiology</i> , 2021, 173, 104785.	3.6	20
57	Toxicity of lithium on isolated heart mitochondria and cardiomyocyte: A justification for its cardiotoxic adverse effect. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017, 31, N/A.	3.0	19
58	Curcumin Protects Mitochondria and Cardiomyocytes from Oxidative Damage and Apoptosis Induced by Hemiscorpius Lepturus Venom. <i>Drug Research</i> , 2018, 68, 113-120.	1.7	19
59	Toxicity of Fe <sub>2</sub> O <sub>3</sub> nanoparticles on human blood lymphocytes. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22303.	3.0	19
60	Matrine Induction of ROS Mediated Apoptosis in Human ALL B-lymphocytes Via Mitochondrial Targeting. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018, 19, 555-560.	1.2	19
61	The effects of para-phenylenediamine (PPD) on the skin fibroblast cells. <i>Xenobiotica</i> , 2019, 49, 1143-1148.	1.1	18
62	Protection of CCl <sub>4</sub> -induced hepatic and renal damage by linalool. <i>Drug and Chemical Toxicology</i> , 2020, , 1-9.	2.3	18
63	Selenium and L-carnitine protects from valproic acid-Induced oxidative stress and mitochondrial damages in rat cortical neurons. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1150-1157.	2.3	18
64	The antioxidant and neuroprotective effects of Zolpidem on acrylamide-induced neurotoxicity using Wistar rat primary neuronal cortical culture. <i>Toxicology Reports</i> , 2020, 7, 233-240.	3.3	18
65	Individual and combined toxicity of carboxylic acid functionalized multi-walled carbon nanotubes and benzo a pyrene in lung adenocarcinoma cells. <i>Environmental Science and Pollution Research</i> , 2019, 26, 12709-12719.	5.3	17
66	Toxicity of multi-wall carbon nanotubes inhalation on the brain of rats. <i>Environmental Science and Pollution Research</i> , 2020, 27, 12096-12111.	5.3	17
67	A Search for Mitochondrial Damage in Alzheimer's Disease Using Isolated Rat Brain Mitochondria. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 185-195.	0.5	17
68	Protective effect of Cassia fistula fruit extract on bromobenzene-induced nephrotoxicity in mice. <i>Human and Experimental Toxicology</i> , 2011, 30, 1710-1715.	2.2	16
69	Inhalation exposure of nano diamond induced oxidative stress in lung, heart and brain. <i>Xenobiotica</i> , 2018, 48, 860-866.	1.1	16
70	Selective toxicity of chrysin on mitochondria isolated from liver of a HCC rat model. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 115163.	3.0	16
71	Mitochondrial, lysosomal and DNA damages induced by acrylamide attenuate by ellagic acid in human lymphocyte. <i>PLoS ONE</i> , 2021, 16, e0247776.	2.5	16
72	Targeting the mitochondrial apoptosis pathway by a newly synthesized COX-2 inhibitor in pediatric ALL lymphocytes. <i>Future Medicinal Chemistry</i> , 2018, 10, 2277-2289.	2.3	15

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73	Ellagic acid alleviates clozapine-induced oxidative stress and mitochondrial dysfunction in cardiomyocytes. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1625-1633.	2.3	15
74	Toxicity of Atenolol and Propranolol on Rat Heart Mitochondria. <i>Drug Research</i> , 2020, 70, 151-157.	1.7	15
75	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. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22557.	3.0	15
76	Apigenin ameliorates oxidative stress and mitochondrial damage induced by multiwall carbon nanotubes in rat kidney mitochondria. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, 1-7.	3.0	15
77	Crocic Prevents Sub-Cellular Organelle Damage, Proteolysis and Apoptosis in Rat Hepatocytes: A Justification for Its Hepatoprotection. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 553-562.	0.5	15
78	The mechanism of hepatotoxic effects of sodium nitrite on isolated rat hepatocytes. <i>Toxicology and Environmental Health Sciences</i> , 2017, 9, 244-250.	2.1	14
79	Inhibition of glucose-6-phosphate dehydrogenase protects hepatocytes from aluminum phosphide-induced toxicity. <i>Pesticide Biochemistry and Physiology</i> , 2017, 143, 141-146.	3.6	14
80	Toxicity of nanotitanium dioxide (TiO <sub>2</sub> -NP) on human monocytes and their mitochondria. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6739-6750.	5.3	14
81	Comparison of the effects of MnO <sub>2</sub> -NPs and MnO <sub>2</sub> -MPs on mitochondrial complexes in different organs. <i>Toxicology Mechanisms and Methods</i> , 2019, 29, 86-94.	2.7	14
82	Apigenin attenuates Aluminum phosphide-induced cytotoxicity via reducing mitochondrial/Lysosomal damages and oxidative stress in rat Cardiomyocytes. <i>Pesticide Biochemistry and Physiology</i> , 2020, 167, 104585.	3.6	14
83	Vanadium induces liver toxicity through reductive activation by glutathione and mitochondrial dysfunction. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2012, 03, 1096-1103.	0.7	14
84	Involvement of subcellular organelles in inflammatory pain-induced oxidative stress and apoptosis in the rat hepatocytes. <i>Archives of Iranian Medicine</i> , 2008, 11, 407-17.	0.6	14
85	A comparison of mitochondrial toxicity of mephedrone on three separate parts of brain including hippocampus, cortex and cerebellum. <i>NeuroToxicology</i> , 2019, 73, 40-49.	3.0	13
86	Bevacizumab as a monoclonal antibody inhibits mitochondrial complex II in isolated rat heart mitochondria: ameliorative effect of ellagic acid. <i>Drug and Chemical Toxicology</i> , 2020, , 1-8.	2.3	13
87	Persian Gulf Jellyfish ( <i>Cassiopea andromeda</i> ) Venom Fractions Induce Selective Injury and Cytochrome C Release in Mitochondria Obtained from Breast Adenocarcinoma Patients. <i>Asian Pacific Journal of Cancer Prevention</i> , 2017, 18, 277-286.	1.2	13
88	Naja Naja Oxiana Venom Fraction Selectively Induces ROS-Mediated Apoptosis in Human Colorectal Tumor Cells by Directly Targeting Mitochondria. <i>Asian Pacific Journal of Cancer Prevention</i> , 2017, 18, 2201-2208.	1.2	13
89	A cAMP analog attenuates beta-amyloid (1-42)-induced mitochondrial dysfunction and spatial learning and memory deficits. <i>Brain Research Bulletin</i> , 2018, 140, 34-42.	3.0	12
90	Analysis of cytotoxic effects of nickel on human blood lymphocytes. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 79-86.	2.7	12

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91	Linalool reverses benzene-induced cytotoxicity, oxidative stress and lysosomal/mitochondrial damages in human lymphocytes. <i>Drug and Chemical Toxicology</i> , 2022, 45, 2454-2462.	2.3	12
92	Protective Effect of Curcumin, Chrysin and Thymoquinone Injection on Trastuzumab-Induced Cardiotoxicity via Mitochondrial Protection. <i>Cardiovascular Toxicology</i> , 2022, 22, 663-675.	2.7	12
93	Moderate O <sub>3</sub> /O <sub>2</sub> therapy enhances enzymatic and non-enzymatic antioxidant in brain and cochlear that protects noise-induced hearing loss. <i>Free Radical Research</i> , 2017, 51, 828-837.	3.3	11
94	Evaluation of the toxicity effects of silk fibroin on human lymphocytes and monocytes. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22056.	3.0	11
95	Role of Natural Compounds in Prevention and Treatment of Chronic Lymphocytic Leukemia. , 2018, , 195-203.		11
96	Antioxidant Potential and Inhibition of Mitochondrial Permeability Transition Pore by Myricetin Reduces Aluminium Phosphide-Induced Cytotoxicity and Mitochondrial Impairments. <i>Frontiers in Pharmacology</i> , 2021, 12, 719081.	3.5	11
97	A comparison of toxicity mechanisms of cigarette smoke on isolated mitochondria obtained from rat liver and skin. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 271-7.	0.5	11
98	Lysosomal membrane leakiness and metabolic biomethylation play key roles in methyl tertiary butyl ether-induced toxicity and detoxification. <i>Toxicological and Environmental Chemistry</i> , 2012, 94, 281-293.	1.2	10
99	Identification of (Z)-2,3-Diphenylacrylonitrile as Anti-Cancer Molecule in Persian Gulf Sea Cucumber <i>Holothuria parva</i> . <i>Marine Drugs</i> , 2017, 15, 314.	4.6	10
100	Evaluation of Cytotoxic Activity of Betanin Against U87MG Human Glioma Cells and Normal Human Lymphocytes and Its Anticancer Potential Through Mitochondrial Pathway. <i>Nutrition and Cancer</i> , 2021, 73, 450-459.	2.0	10
101	Celecoxib decreases mitochondrial complex IV activity and induces oxidative stress in isolated rat heart mitochondria: An analysis for its cardiotoxic adverse effect. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e22934.	3.0	10
102	Protective effects of <i>Sesamum indicum</i> extract against oxidative stress induced by vanadium on isolated rat hepatocytes. <i>Environmental Toxicology</i> , 2016, 31, 979-985.	4.0	9
103	Analysis of cytotoxic effects of chlorhexidine gluconate as antiseptic agent on human blood lymphocytes. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017, 31, e21918.	3.0	9
104	Analysis of Toxicity Effects of Buspirone, Cetirizine and Olanzapine on Human Blood Lymphocytes: in Vitro Model. <i>Current Clinical Pharmacology</i> , 2018, 13, 120-127.	0.6	9
105	Contrasting Role of Concentration in Rivaroxaban Induced Toxicity and Oxidative Stress in Isolated Kidney Mitochondria. <i>Drug Research</i> , 2019, 69, 523-527.	1.7	9
106	Analysis of apoptosis related genes in nurses exposed to anti-neoplastic drugs. <i>BMC Pharmacology &amp; Toxicology</i> , 2019, 20, 74.	2.4	9
107	Trifluoperazine an Antipsychotic Drug and Inhibitor of Mitochondrial Permeability Transition Protects Cytarabine and Ifosfamide-Induced Neurotoxicity. <i>Drug Research</i> , 2020, 70, 265-272.	1.7	9
108	Assessment of cytotoxic effects of new derivatives of pyrazino[1,2-a] benzimidazole on isolated human glioblastoma cells and mitochondria. <i>Life Sciences</i> , 2021, 286, 120022.	4.3	9

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109	Repeated Administration of Mercury Intensifies Brain Damage in Multiple Sclerosis through Mitochondrial Dysfunction. Iranian Journal of Pharmaceutical Research, 2016, 15, 834-841.	0.5	9
110	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.	1.2	8
111	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.	1.7	8
112	Persian Gulf Snail Crude Venom ( <i>Conus textile</i> ): A Potential Source of Anti-Cancer Therapeutic Agents for Glioblastoma through Mitochondrial-Mediated Apoptosis. Asian Pacific Journal of Cancer Prevention, 2021, 22, 49-57.	1.2	8
113	Thymoquinone reduces mitochondrial damage and death of cardiomyocytes induced by clozapine. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 1675-1684.	3.0	8
114	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.	3.6	8
115	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.	3.3	8
116	Stabilization of Mitochondrial Function by Ellagic Acid Prevents Celecoxib-induced Toxicity in Rat Cardiomyocytes and Isolated Mitochondria. Drug Research, 2021, 71, 219-227.	1.7	8
117	Pathogenic Mechanisms and Therapeutic Implication in Nickel-Induced Cell Damage. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2020, 20, 968-984.	1.2	8
118	A Review on Toxicodynamics of Depleted Uranium. Iranian Journal of Pharmaceutical Research, 2019, 18, 90-100.	0.5	8
119	Measurement of Mitochondrial Toxicity Parameters in Embryonic Hippocampus. Methods in Molecular Biology, 2018, 1797, 537-544.	0.9	7
120	Standardized Extract of the Persian Gulf Sponge, <i>Axinella Sinouea</i> Selectively Induces Apoptosis through Mitochondria in Human Chronic Lymphocytic Leukemia Cells. Journal of Analytical Oncology, 2015, 4, 132-40.	0.1	7
121	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.	0.5	7
122	Comparison of cellular and molecular cytotoxic mechanisms of <i>Cochlodinium polykrikoides</i> in isolated trout and rat hepatocytes. Toxicological and Environmental Chemistry, 2014, 96, 917-930.	1.2	6
123	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.	1.2	6
124	Toxicity of new synthetic amphetamine drug mephedrone On Rat Heart mitochondria: a warning for its abuse. Xenobiotica, 2018, 48, 1278-1284.	1.1	6
125	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.	3.0	6
126	Toxicity of fipronil on rat heart mitochondria. Toxin Reviews, 2021, 40, 1338-1346.	3.4	6



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127	Synergistic Effects of Ellagic Acid and Sorafenib on Hepatocytes and Mitochondria Isolated from a Hepatocellular Carcinoma Rat Model. <i>Nutrition and Cancer</i> , 2021, 73, 2460-2468.	2.0	6
128	Calcitriol Reduces Adverse Effects of Diclofenac on Mitochondrial Function in Isolated Rat Heart Mitochondria. <i>Drug Research</i> , 2020, 70, 317-324.	1.7	6
129	1,25-dihydroxyvitamin D3 prevents deleterious effects of erythromycin on mitochondrial function in rat heart isolated mitochondria. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 1554-1563.	1.9	6
130	Mesalazine Induces Oxidative Stress and Cytochrome c Release in Isolated Rat Heart Mitochondria: An Analysis of Cardiotoxic Effects. <i>International Journal of Toxicology</i> , 2020, 39, 241-247.	1.2	6
131	Toxicity of Hydrogen Sulfide on Rat Brain Neurons. <i>Drug Research</i> , 2022, 72, 197-202.	1.7	6
132	Investigation of anti-cancer effects of new pyrazino[1,2-a]benzimidazole derivatives on human glioblastoma cells through 2D in vitro model and 3D-printed microfluidic device. <i>Life Sciences</i> , 2022, 302, 120505.	4.3	6
133	Combined toxicity of multi-walled carbon nanotubes and benzo [a] pyrene in human epithelial lung cells. <i>Toxin Reviews</i> , 2019, 38, 212-222.	3.4	5
134	Effects of mercuric chloride on spatial memory deficit-induced by beta-amyloid and evaluation of mitochondrial function markers in the hippocampus of rats. <i>Metallomics</i> , 2020, 12, 144-153.	2.4	5
135	Protection of clozapine-induced oxidative stress and mitochondrial dysfunction by kaempferol in rat cardiomyocytes. <i>Drug Development Research</i> , 2021, 82, 835-843.	2.9	5
136	Inhibition of scopolamine-induced memory and mitochondrial impairment by betanin. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e23076.	3.0	5
137	Inhibition of mitochondrial permeability transition pore and antioxidant effect of Delta-9-tetrahydrocannabinol reduces aluminium phosphide-induced cytotoxicity and dysfunction of cardiac mitochondria. <i>Pesticide Biochemistry and Physiology</i> , 2022, 184, 105117.	3.6	5
138	Toxicity of 4-methylimidazole on isolated brain mitochondria: using both in vivo and in vitro methods. <i>Toxicological and Environmental Chemistry</i> , 2015, 97, 663-673.	1.2	4
139	Direct toxicity of amyloid beta peptide on rat brain mitochondria: preventive role of <i>Mangifera indica</i> and <i>Juglans regia</i> . <i>Toxicological and Environmental Chemistry</i> , 2015, , 1-14.	1.2	4
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