Jalal Pourahmad

List of Publications by Year
in descending order

192 papers	4,636 citations	101543 36 h-index	138484 58 g-index
195 all docs	195 docs citations	195 times ranked	5767 citing authors

#	Article	IF	Citations
1	A comparison of hepatocyte cytotoxic mechanisms for Cu2+ and Cd2+. Toxicology, 2000, 143, 263-273.	4.2	246
2	Dietary flavonoid iron complexes as cytoprotective superoxide radical scavengers. Free Radical Biology and Medicine, 2003, 34, 243-253.	2.9	205
3	The formaldehyde metabolic detoxification enzyme systems and molecular cytotoxic mechanism in isolated rat hepatocytes. Chemico-Biological Interactions, 2001, 130-132, 285-296.	4.0	169
4	Carcinogenic metal induced sites of reactive oxygen species formation in hepatocytes. Toxicology in Vitro, 2003, 17, 803-810.	2.4	151
5	Toxicity of depleted uranium on isolated rat kidney mitochondria. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1940-1950.	2.4	121
6	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, 367-381.	1.8	116
7	Toxicity of vanadium on isolated rat liver mitochondria: a new mechanistic approach. Metallomics, 2013, 5, 152.	2.4	107
8	Endogenous and endobiotic induced reactive oxygen species formation by isolated hepatocytes. Free Radical Biology and Medicine, 2002, 32, 2-10.	2.9	100
9	Toxicity of Copper Oxide (CuO) Nanoparticles on Human Blood Lymphocytes. Biological Trace Element Research, 2018, 184, 350-357.	3.5	97
10	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.	9.0	91
11	A new approach on valproic acid induced hepatotoxicity: Involvement of lysosomal membrane leakiness and cellular proteolysis. Toxicology in Vitro, 2012, 26, 545-551.	2.4	72
12	A comparison of cardiomyocyte cytotoxic mechanisms for 5-fluorouracil and its pro-drug capecitabine. Xenobiotica, 2015, 45, 79-87.	1.1	70
13	A search for hepatoprotective activity of aqueous extract of Rhus coriaria L. against oxidative stress cytotoxicity. Food and Chemical Toxicology, 2010, 48, 854-858.	3.6	66
14	A search for cellular and molecular mechanisms involved in depleted uranium (DU) toxicity. Environmental Toxicology, 2006, 21, 349-354.	4.0	65
15	Toxicity of cuprizone a Cu‹sup›2+‹/sup›chelating agent on isolated mouse brain mitochondria: a justification for demyelination and subsequent behavioral dysfunction. Toxicology Mechanisms and Methods, 2016, 26, 276-283.	2.7	64
16	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.	2.0	62
17	Lysosomal involvement in hepatocyte cytotoxicity induced by Cu2+ but not Cd2+. Free Radical Biology and Medicine, 2001, 30, 89-97.	2.9	61
18	Biological reactive intermediates that mediate dacarbazine cytotoxicity. Cancer Chemotherapy and Pharmacology, 2009, 65, 89-96.	2.3	58

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19	Protective effects of fungal Î²-(1â†'3)-D-glucan against oxidative stress cytotoxicity induced by depleted uranium in isolated rat hepatocytes. Human and Experimental Toxicology, 2011, 30, 173-181.	2.2	56
20	A comparison of hepatocyte cytotoxic mechanisms for thallium (I) and thallium (III). Environmental Toxicology, 2010, 25, 456-467.	4.0	55
21	Methotrexate induced mitochondrial injury and cytochrome c release in rat liver hepatocytes. Drug and Chemical Toxicology, 2018, 41, 51-61.	2.3	54
22	Myricetin Selectively Induces Apoptosis on Cancerous Hepatocytes by Directly Targeting Their Mitochondria. Basic and Clinical Pharmacology and Toxicology, 2016, 119, 249-258.	2.5	52
23	Toxicity of macrolide antibiotics on isolated heart mitochondria: a justification for their cardiotoxic adverse effect. Xenobiotica, 2016, 46, 82-93.	1.1	51
24	Mitochondrial/lysosomal toxic cross-talk plays a key role in cisplatin nephrotoxicity. Xenobiotica, 2010, 40, 763-771.	1.1	50
25	Glutathione mediated reductive activation and mitochondrial dysfunction play key roles in lithium induced oxidative stress and cytotoxicity in liver. BioMetals, 2012, 25, 863-873.	4.1	50
26	Depleted uranium induces disruption of energy homeostasis and oxidative stress in isolated rat brain mitochondria. Metallomics, 2013, 5, 736.	2.4	49
27	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.	4.0	49
28	Toxicity of Arsenic (III) on Isolated Liver Mitochondria: A New Mechanistic Approach. Iranian Journal of Pharmaceutical Research, 2013, 12, 121-38.	0.5	49
29	Dracocephalum: Novel Anticancer Plant Acting on Liver Cancer Cell Mitochondria. BioMed Research International, 2014, 2014, 1-10.	1.9	48
30	A comparison of hepatocyte cytotoxic mechanisms for chromate and arsenite. Toxicology, 2005, 206, 449-460.	4.2	47
31	Toxicity Mechanisms of Cigarette Smoke on Mouse Fetus Mitochondria. Iranian Journal of Pharmaceutical Research, 2015, 14, 131-8.	0.5	47
32	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.	1.3	46
33	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.	1.2	42
34	Involvement of Lysosomal Labilisation and Lysosomal/mitochondrial Cross-Talk in Diclofenac Induced Hepatotoxicity. Iranian Journal of Pharmaceutical Research, 2011, 10, 877-87.	0.5	42
35	Hepatocyte Lysis Induced by Environmental Metal Toxins May Involve Apoptotic Death Signals Initiated by Mitochondrial Injury. Advances in Experimental Medicine and Biology, 2001, 500, 249-252.	1.6	39
36	Biological Reactive Intermediates that Mediate Chromium (VI) Toxicity. Advances in Experimental Medicine and Biology, 2001, 500, 203-207.	1.6	39

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37	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.	2.0	37
38	Toxicity of Atorvastatin on Pancreas Mitochondria: A Justification for Increased Risk of Diabetes Mellitus. Basic and Clinical Pharmacology and Toxicology, 2017, 120, 131-137.	2.5	37
39	Contrasting role of Na+ ions in modulating Cu+2 or Cd+2 induced hepatocyte toxicity. Chemico-Biological Interactions, 2000, 126, 159-169.	4.0	36
40	Involvement of mitochondrial/lysosomal toxic cross-talk in ecstasy induced liver toxicity under hyperthermic condition. European Journal of Pharmacology, 2010, 643, 162-169.	3.5	36
41	Selective Toxicity of Apigenin on Cancerous Hepatocytes by Directly Targeting their Mitochondria. Anti-Cancer Agents in Medicinal Chemistry, 2016, 16, 1576-1586.	1.7	35
42	A Search for Hepatoprotective Activity of Fruit Extract of Mangifera indica L. Against Oxidative Stress Cytotoxicity. Plant Foods for Human Nutrition, 2010, 65, 83-89.	3.2	34
43	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.	2.4	34
44	Xylene Induces Oxidative Stress and Mitochondria Damage in Isolated Human Lymphocytes. Toxicological Research, 2017, 33, 233-238.	2.1	34
45	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.	0.5	34
46	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.	1.2	33
47	Single-walled carbon nanotube, multi-walled carbon nanotube and Fe₂O₃ nanoparticles induced mitochondria mediated apoptosis in melanoma cells. Cutaneous and Ocular Toxicology, 2018, 37, 157-166.	1.3	33
48	The mechanism of protective effect of crocin against liver mitochondrial toxicity caused by arsenic III. Toxicology Mechanisms and Methods, 2018, 28, 105-114.	2.7	32
49	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.	0.2	30
50	Involvement of mitochondrial-mediated caspase-3 activation and lysosomal labilization in acrylamide-induced liver toxicity. Toxicological and Environmental Chemistry, 2015, 97, 563-575.	1.2	30
51	Mitochondrial impairments contribute to spatial learning and memory dysfunction induced by chronic tramadol administration in rat: Protective effect of physical exercise. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 79, 426-433.	4.8	30
52	Application of isolated mitochondria in toxicological and clinical studies. Iranian Journal of Pharmaceutical Research, 2012, 11, 703-4.	0.5	30
53	Toxicity of methyl tertiary-butyl ether on human blood lymphocytes. Environmental Science and Pollution Research, 2016, 23, 8556-8564.	5.3	29
54	Mitochondrial protective and antioxidant agents protect toxicity induced by depleted uranium in isolated human lymphocytes. Journal of Environmental Radioactivity, 2019, 203, 112-116.	1.7	29

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55	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.	4.0	26
56	Protective effects of physical exercise on MDMA-induced cognitive and mitochondrial impairment. Free Radical Biology and Medicine, 2016, 99, 11-19.	2.9	25
57	In vitro toxicity of perfluorooctane sulfonate on rat liver hepatocytes: probability of distructive binding to CYP 2E1 and involvement of cellular proteolysis. Environmental Science and Pollution Research, 2017, 24, 23382-23388.	5.3	25
58	Investigation of the effect of magnetite iron oxide particles size on cytotoxicity in A₅₄₉ cell line. Toxicology and Industrial Health, 2019, 35, 703-713.	1.4	24
59	Lysosomal Oxidative Stress Cytotoxicity Induced by Nitrofurantoin Redox Cycling in Hepatocytes. Advances in Experimental Medicine and Biology, 2001, 500, 261-265.	1.6	22
60	Mitochondria as a Target for the Cardioprotective Effects of Cydonia oblonga Mill. and Ficus carica L. in Doxorubicin-Induced Cardiotoxicity. Drug Research, 2017, 67, 358-365.	1.7	22
61	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.	1.7	22
62	Differences in sensitivity of human lymphocytes and fish lymphocytes to polyvinyl chloride microplastic toxicity. Toxicology and Industrial Health, 2022, 38, 100-111.	1.4	22
63	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.	3.0	21
64	Hepatoprotective activity of angiotensin-converting enzyme (ACE) inhibitors, captopril and enalapril, against paraquat toxicity. Pesticide Biochemistry and Physiology, 2011, 99, 105-110.	3.6	20
65	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.	2.2	20
66	Luteolin attenuates Fipronil-induced neurotoxicity through reduction of the ROS-mediated oxidative stress in rat brain mitochondria. Pesticide Biochemistry and Physiology, 2021, 173, 104785.	3.6	20
67	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.	3.0	19
68	Curcumin Protects Mitochondria and Cardiomyocytes from Oxidative Damage and Apoptosis Induced by Hemiscorpius Lepturus Venom. Drug Research, 2018, 68, 113-120.	1.7	19
69	Toxicity of Fe₂O₃ nanoparticles on human blood lymphocytes. Journal of Biochemical and Molecular Toxicology, 2019, 33, e22303.	3.0	19
70	Matrine Induction of ROS Mediated Apoptosis in Human ALL B-lymphocytes Via Mitochondrial Targeting. Asian Pacific Journal of Cancer Prevention, 2018, 19, 555-560.	1.2	19
71	Mitochondrial toxicity of depleted uranium: protection by Beta-glucan. Iranian Journal of Pharmaceutical Research, 2013, 12, 131-40.	0.5	19
72	Toxicity of arsenic on isolated human lymphocytes: The key role of cytokines and intracellular calcium enhancement in arsenic-induced cell death. Main Group Metal Chemistry, 2019, 42, 125-134.	1.6	18

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73	The effects of para-phenylenediamine (PPD) on the skin fibroblast cells. Xenobiotica, 2019, 49, 1143-1148.	1.1	18
74	Selenium and L-carnitine protects from valproic acid-Induced oxidative stress and mitochondrial damages in rat cortical neurons. Drug and Chemical Toxicology, 2022, 45, 1150-1157.	2.3	18
75	The antioxidant and neuroprotective effects of Zolpidem on acrylamide-induced neurotoxicity using Wistar rat primary neuronal cortical culture. Toxicology Reports, 2020, 7, 233-240.	3.3	18
76	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.	5.3	17
77	Toxicity of multi-wall carbon nanotubes inhalation on the brain of rats. Environmental Science and Pollution Research, 2020, 27, 12096-12111.	5.3	17
78	Uranyl acetate induces oxidative stress and mitochondrial membrane potential collapse in the human dermal fibroblast primary cells. Iranian Journal of Pharmaceutical Research, 2012, 11, 495-501.	0.5	17
79	A Search for Mitochondrial Damage in Alzheimer's Disease Using Isolated Rat Brain Mitochondria. Iranian Journal of Pharmaceutical Research, 2016, 15, 185-195.	0.5	17
80	Oxidative mechanisms of fish hepatocyte toxicity by the harmful dinoflagellate Cochlodinium polykrikoides. Marine Environmental Research, 2013, 87-88, 52-60.	2.5	16
81	Antimony induces oxidative stress and cell death in normal hepatocytes. Toxicological and Environmental Chemistry, 2015, 97, 256-265.	1.2	16
82	Inhalation exposure of nano diamond induced oxidative stress in lung, heart and brain. Xenobiotica, 2018, 48, 860-866.	1.1	16
83	Selective toxicity of chrysin on mitochondria isolated from liver of a HCC rat model. Bioorganic and Medicinal Chemistry, 2019, 27, 115163.	3.0	16
84	Targeting the mitochondrial apoptosis pathway by a newly synthesized COX-2 inhibitor in pediatric ALL lymphocytes. Future Medicinal Chemistry, 2018, 10, 2277-2289.	2.3	15
85	Toxicity of Atenolol and Propranolol on Rat Heart Mitochondria. Drug Research, 2020, 70, 151-157.	1.7	15
86	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.	3.0	15
87	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.	3.0	15
88	Embryo toxic effects of depleted uranium on the morphology of the mouse fetus. Iranian Journal of Pharmaceutical Research, 2014, 13, 199-206.	0.5	15
89	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.	0.5	15
90	Thallium(I) and thallium(III) induce apoptosis in isolated rat hepatocytes by alterations in mitochondrial function and generation of ROS. Toxicological and Environmental Chemistry, 2011, 93, 145-156.	1.2	14

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91	The mechanism of hepatotoxic effects of sodium nitrite on isolated rat hepatocytes. Toxicology and Environmental Health Sciences, 2017, 9, 244-250.	2.1	14
92	Inhibition of glucose-6-phosphate dehydrogenase protects hepatocytes from aluminum phosphide-induced toxicity. Pesticide Biochemistry and Physiology, 2017, 143, 141-146.	3.6	14
93	Involvement of subcellular organelles in inflammatory pain-induced oxidative stress and apoptosis in the rat hepatocytes. Archives of Iranian Medicine, 2008, 11, 407-17.	0.6	14
94	A comparison of mitochondrial toxicity of mephedrone on three separate parts of brain including hippocampus, cortex and cerebellum. NeuroToxicology, 2019, 73, 40-49.	3.0	13
95	Additive toxicity of Co-exposure to pristine multi-walled carbon nanotubes and benzo Î± pyrene in lung cells. Environmental Research, 2020, 183, 109219.	7.5	13
96	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.	1.2	13
97	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.	1.2	13
98	A cAMP analog attenuates beta-amyloid (1â€“42)-induced mitochondrial dysfunction and spatial learning and memory deficits. Brain Research Bulletin, 2018, 140, 34-42.	3.0	12
99	Analysis of cytotoxic effects of nickel on human blood lymphocytes. Toxicology Mechanisms and Methods, 2018, 28, 79-86.	2.7	12
100	Evaluation of the toxicity effects of silk fibroin on human lymphocytes and monocytes. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22056.	3.0	11
101	Role of Natural Compounds in Prevention and Treatment of Chronic Lymphocytic Leukemia. , 2018, , 195-203.		11
102	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.	0.5	11
103	Comparative Toxic Effect of Bulk Copper Oxide (CuO) and CuO Nanoparticles on Human Red Blood Cells. Biological Trace Element Research, 2023, 201, 149-155.	3.5	11
104	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.	1.2	10
105	Identification of (Z)-2,3-Diphenylacrylonitrile as Anti-Cancer Molecule in Persian Gulf Sea Cucumber Holothuria parva. Marine Drugs, 2017, 15, 314.	4.6	10
106	Induction of two independent immunological cell death signaling following hemoglobinuria -induced acute kidney injury: In vivo study. Toxicon, 2019, 163, 23-31.	1.6	10
107	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.	2.0	10
108	Nâ€acetylcysteine is more effective than ellagic acid in preventing acrolein induced dysfunction in mitochondria isolated from rat liver. Journal of Food Biochemistry, 2021, 45, e13775.	2.9	10

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109	Cytoprotective Effects of Hydrophilic and Lipophilic Extracts of Pistacia vera against Oxidative Versus Carbonyl Stress in Rat Hepatocytes. Iranian Journal of Pharmaceutical Research, 2014, 13, 1263-77.	0.5	10
110	Protective effects of <scp>S</scp>esamum indicum extract against oxidative stress induced by vanadium on isolated rat hepatocytes. Environmental Toxicology, 2016, 31, 979-985.	4.0	9
111	Analysis of cytotoxic effects of chlorhexidine gluconate as antiseptic agent on human blood lymphocytes. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21918.	3.0	9
112	Analysis of Toxicity Effects of Buspirone, Cetirizine and Olanzapine on Human Blood Lymphocytes: in Vitro Model. Current Clinical Pharmacology, 2018, 13, 120-127.	0.6	9
113	Contrasting Role of Concentration in Rivaroxaban Induced Toxicity and Oxidative Stress in Isolated Kidney Mitochondria. Drug Research, 2019, 69, 523-527.	1.7	9
114	Analysis of apoptosis related genes in nurses exposed to anti-neoplastic drugs. BMC Pharmacology & Toxicology, 2019, 20, 74.	2.4	9
115	Trifluoperazine an Antipsychotic Drug and Inhibitor of Mitochondrial Permeability Transition Protects Cytarabine and Ifosfamide-Induced Neurotoxicity. Drug Research, 2020, 70, 265-272.	1.7	9
116	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.	4.3	9
117	Ichthyotoxic Cochlodinium polykrikoides Induces Mitochondrial Mediated Oxidative Stress and Apoptosis in Rat Liver Hepatocytes. Iranian Journal of Pharmaceutical Research, 2013, 12, 829-44.	0.5	9
118	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
119	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
120	The effect of single and combined exposures to magnetite and polymorphous silicon dioxide nanoparticles on the human A549 cell line: in vitro study. Environmental Science and Pollution Research, 2019, 26, 31752-31762.	5.3	8
121	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
122	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.	1.2	8
123	A Review on Toxicodynamics of Depleted Uranium. Iranian Journal of Pharmaceutical Research, 2019, 18, 90-100.	0.5	8
124	Involvement of four different intracellular sites in chloroacetaldehyde- induced oxidative stress cytotoxicity. Iranian Journal of Pharmaceutical Research, 2012, 11, 265-76.	0.5	8
125	Lead acetate toxicity on human lymphocytes at non-cytotoxic concentrations detected in human blood. Main Group Metal Chemistry, 2017, 40, .	1.6	7
126	Measurement of Mitochondrial Toxicity Parameters in Embryonic Hippocampus. Methods in Molecular Biology, 2018, 1797, 537-544.	0.9	7

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127	The effects of Hemiscorpius lepturus induced-acute kidney injury on PGC-1Î± gene expression: From induction to suppression in mice. Toxicon, 2020, 174, 57-63.	1.6	7
128	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.	0.1	7
129	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
130	Radioactivity concentrations in sediments on the coast of the Iranian province of Khuzestan in the Northern Persian Gulf. Environmental Toxicology, 2008, 23, 583-590.	4.0	6
131	Tetramethylphenylenediamine-induced hepatocyte cytotoxicity caused by lysosomal labilisation and redox cycling with oxygen activation. Chemico-Biological Interactions, 2008, 172, 39-47.	4.0	6
132	Comparison of cellular and molecular cytotoxic mechanisms ofCochlodinium polykrikoidesin isolated trout and rat hepatocytes. Toxicological and Environmental Chemistry, 2014, 96, 917-930.	1.2	6
133	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
134	Toxicity of new synthetic amphetamine drug mephedrone On Rat Heart mitochondria: a warning for its abuse. Xenobiotica, 2018, 48, 1278-1284.	1.1	6
135	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
136	Toxicity of fipronil on rat heart mitochondria. Toxin Reviews, 2021, 40, 1338-1346.	3.4	6
137	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.	1.2	6
138	The Effect of Particle Size on the Cytotoxicity of Amorphous Silicon Dioxide: An in Vitro Toxicological Study. Asian Pacific Journal of Cancer Prevention, 2021, 22, 325-332.	1.2	6
139	Perfluorooctanesulfonate (PFOS) Induces Apoptosis Signaling and Proteolysis in Human Lymphocytes through ROS Mediated Mitochondrial Dysfunction and Lysosomal Membrane Labialization. Iranian Journal of Pharmaceutical Research, 2018, 17, 995-1007.	0.5	6
140	Toxicity of Hydrogen Sulfide on Rat Brain Neurons. Drug Research, 2022, 72, 197-202.	1.7	6
141	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. Life Sciences, 2022, 302, 120505.	4.3	6
142	Combined toxicity of multi-walled carbon nanotubes and benzo [a] pyrene in human epithelial lung cells. Toxin Reviews, 2019, 38, 212-222.	3.4	5
143	Effects of mercuric chloride on spatial memory deficit-induced by beta-amyloid and evaluation of mitochondrial function markers in the hippocampus of rats. Metallomics, 2020, 12, 144-153.	2.4	5
144	Dose concentration and spatial memory and brain mitochondrial function association after 3,4-methylenedioxymethamphetamine (MDMA) administration in rats. Archives of Toxicology, 2020, 94, 911-925.	4.2	5

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145	Toxicity of 4-methylimidazole on isolated brain mitochondria: using bothin vivoandin vitromethods. Toxicological and Environmental Chemistry, 2015, 97, 663-673.	1.2	4
146	Direct toxicity of amyloid beta peptide on rat brain mitochondria: preventive role ofMangifera indicaandJuglans regia. Toxicological and Environmental Chemistry, 2015, , 1-14.	1.2	4
147	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.	1.3	4
148	Toxicity effect of sesquiterpene lactones from Jurinea gabrieliae bornm on mitochondria isolated from U87 cells. Natural Product Research, 2022, 36, 1073-1077.	1.8	4
149	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	4
150	Î²-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.	1.7	4
151	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.	1.2	4
152	Occupational exposure in lead and zinc mines induces oxidative stress in miners lymphocytes: Role of mitochondrial/lysosomal damage. Main Group Metal Chemistry, 2020, 43, 154-163.	1.6	4
153	Synthesis and Molecular-cellular Mechanistic Study of Pyridine Derivative of Dacarbazine. Iranian Journal of Pharmaceutical Research, 2013, 12, 255-65.	0.5	4
154	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.	0.5	4
155	Protective effect ofPunica granatumL. (pomegranate) fruit extracts and ellagic acid against cytotoxicity induced by methyl tertiary butyl ether in isolated rat hepatocytes. Toxicological and Environmental Chemistry, 2014, 96, 150-161.	1.2	3
156	Propolis induce cytotoxicity on cancerous hepatocytes isolated from rat model of hepatocellular carcinoma: Involvement of ROS-mediated mitochondrial targeting. PharmaNutrition, 2016, 4, 143-150.	1.7	3
157	Selective toxicity of Caspian cobra (Naja oxiana) venom on liver cancer cell mitochondria. Asian Pacific Journal of Tropical Biomedicine, 2017, 7, 460-465.	1.2	3
158	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.	1.3	3
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