

Jalal Pourahmad

List of Publications by Year in descending order

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192
papers

4,636
citations

101543

36
h-index

138484

58
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195
all docs

195
docs citations

195
times ranked

5767
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Toxic Effect of Bulk Copper Oxide (CuO) and CuO Nanoparticles on Human Red Blood Cells. <i>Biological Trace Element Research</i> , 2023, 201, 149-155.	3.5	11
2	Toxicity effect of sesquiterpene lactones from <i>Jurinea gabrieliae</i> bornm on mitochondria isolated from U87 cells. <i>Natural Product Research</i> , 2022, 36, 1073-1077.	1.8	4
3	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
4	Analysis of the acrylamide in breads and evaluation of mitochondrial/lysosomal protective agents to reduce its toxicity <i>in vitro</i> model. <i>Toxin Reviews</i> , 2022, 41, 198-207.	3.4	3
5	Selective Toxicity Effect of Fatty Acids Omega-3, 6 and 9 Combination on Glioblastoma Neurons through their Mitochondria. <i>Drug Research</i> , 2022, 72, 94-99.	1.7	1
6	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
7	Selective Toxicity Effect of <i>Chrysaora quinquecirrha</i> Crude Venom on Human Colorectal Tumor Cells by Directly Targeting Mitochondria. <i>Asian Pacific Journal of Cancer Prevention</i> , 2022, 23, 511-517.	1.2	0
8	Toxicity of Hydrogen Sulfide on Rat Brain Neurons. <i>Drug Research</i> , 2022, 72, 197-202.	1.7	6
9	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
10	Risperidone Toxicity on Human Blood Lymphocytes in Nano molar Concentrations. <i>Drug Research</i> , 2022, 72, 343-349.	1.7	1
11	Selective toxicity of <i>Cistanche tubulosa</i> root extract on cancerous skin mitochondria isolated from animal model of melanoma. <i>Cutaneous and Ocular Toxicology</i> , 2022, 41, 243-249.	1.3	0
12	Toxicity of fipronil on rat heart mitochondria. <i>Toxin Reviews</i> , 2021, 40, 1338-1346.	3.4	6
13	Mephedrone as a new synthetic amphetamine induces abortion, morphological alterations and mitochondrial dysfunction in mouse embryos. <i>Toxin Reviews</i> , 2021, 40, 945-952.	3.4	1
14	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
15	The Effect of Particle Size on the Cytotoxicity of Amorphous Silicon Dioxide: An in Vitro Toxicological Study. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 325-332.	1.2	6
16	Persian Gulf Snail Crude Venom (<i>Conus textile</i>): A Potential Source of Anti-Cancer Therapeutic Agents for Glioblastoma through Mitochondrial-Mediated Apoptosis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 49-57.	1.2	8
17	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
18	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

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19	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
20	Interactive toxicity effect of combined exposure to hematite and amorphous silicon dioxide nanoparticles in human A ₅₄₉ cell line. <i>Toxicology and Industrial Health</i> , 2021, 37, 289-302.	1.4	3
21	Cytotoxicity Studies of the Crude venom and Fractions of Persian Gulf Snail (Conus Textile) on Chronic Lymphocytic Leukemia and Normal Lymphocytes. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 1523-1529.	1.2	2
22	N-Acetylcysteine is more effective than ellagic acid in preventing acrolein induced dysfunction in mitochondria isolated from rat liver. <i>Journal of Food Biochemistry</i> , 2021, 45, e13775.	2.9	10
23	Anti-Glioma Effect of Pseudosynanceia Melanostigma Venom on Isolated Mitochondria from Glioblastoma Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 2295-2302.	1.2	1
24	Updates on mitochondria, calorie restriction, and aging. , 2021, , 99-117.		0
25	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
26	Evaluation of Molecular and Cellular Alterations Induced by Neuropathic Pain in Rat Brain Glial cells. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 359-370.	0.5	2
27	Protective Effect of Crocin against Mitochondrial Damage and Memory Deficit Induced by Beta-amyloid in the Hippocampus of Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 79-94.	0.5	2
28	Evaluation of Cytotoxic Potentials of Novel Synthesized Chalconeferrocenyl Derivative against Melanoma and Normal Fibroblast and Its Anticancer Effect through Mitochondrial Pathway. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 241-253.	0.5	0
29	Development of a Critical Appraisal Tool (AIMRDA) for the Peer-Review of Studies Assessing the Anticancer Activity of Natural Products: A Step towards Reproducibility. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 3735-3740.	1.2	1
30	Inhibition of Different Pain Pathways Attenuates Oxidative Stress in Glial Cells: A Mechanistic View on Neuroprotective Effects of Different Types of Analgesics.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 204-215.	0.5	0
31	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
32	The effects of Hemiscorpius lepturus induced-acute kidney injury on PGC-1 α gene expression: From induction to suppression in mice. <i>Toxicon</i> , 2020, 174, 57-63.	1.6	7
33	Evaluation of Cytotoxic Potentials of Novel Cyclooxygenase-2 Inhibitor against ALL Lymphocytes and Normal Lymphocytes and Its Anticancer Effect through Mitochondrial Pathway. <i>Cancer Investigation</i> , 2020, 38, 463-475.	1.3	3
34	Toxicity of Atenolol and Propranolol on Rat Heart Mitochondria. <i>Drug Research</i> , 2020, 70, 151-157.	1.7	15
35	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
36	Contrasting Role of Dose Increase in Modulating Sofosbuvir-Induced Hepatocyte Toxicity. <i>Drug Research</i> , 2020, 70, 137-144.	1.7	2

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37	Toxicity of Pioglitazone on Mitochondria Isolated from Brain and Heart: An Analysis for Probable Drug-Induced Neurotoxicity and Cardiotoxicity. <i>Drug Research</i> , 2020, 70, 112-118.	1.7	8
38	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
39	Bucladesine Attenuates Spatial Learning and Hippocampal Mitochondrial Impairments Induced by 3, 4-Methylenedioxymethamphetamine (MDMA). <i>Neurotoxicity Research</i> , 2020, 38, 38-49.	2.7	3
40	Additive toxicity of Co-exposure to pristine multi-walled carbon nanotubes and benzo [a] pyrene in lung cells. <i>Environmental Research</i> , 2020, 183, 109219.	7.5	13
41	Dose concentration and spatial memory and brain mitochondrial function association after 3,4-methylenedioxymethamphetamine (MDMA) administration in rats. <i>Archives of Toxicology</i> , 2020, 94, 911-925.	4.2	5
42	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
43	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
44	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
45	A new approach on lithium-induced neurotoxicity using rat neuronal cortical culture: Involvement of oxidative stress and lysosomal/mitochondrial toxic Cross-Talk. <i>Main Group Metal Chemistry</i> , 2020, 43, 15-25.	1.6	4
46	Occupational exposure in lead and zinc mines induces oxidative stress in miners lymphocytes: Role of mitochondrial/lysosomal damage. <i>Main Group Metal Chemistry</i> , 2020, 43, 154-163.	1.6	4
47	Role of Mitochondria and Lysosomes in the Selective Cytotoxicity of Cold Atmospheric Plasma on Retinoblastoma Cells. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 203-215.	0.5	1
48	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
49	Nickel oxide nanoparticles exert selective toxicity on skin mitochondria and lysosomes isolated from the mouse model of melanoma. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22376.	3.0	6
50	Antagonistic effect of co-exposure to short-multiwalled carbon nanotubes and benzo[a]pyrene in human lung cells (A549). <i>Toxicology and Industrial Health</i> , 2019, 35, 445-456.	1.4	1
51	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
52	Toxicity of arsenic on isolated human lymphocytes: The key role of cytokines and intracellular calcium enhancement in arsenic-induced cell death. <i>Main Group Metal Chemistry</i> , 2019, 42, 125-134.	1.6	18
53	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
54	The effect of single and combined exposures to magnetite and polymorphous silicon dioxide nanoparticles on the human A549 cell line: in vitro study. <i>Environmental Science and Pollution Research</i> , 2019, 26, 31752-31762.	5.3	8

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55	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
56	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
57	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
58	Induction of two independent immunological cell death signaling following hemoglobinuria -induced acute kidney injury: In vivo study. <i>Toxicon</i> , 2019, 163, 23-31.	1.6	10
59	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
60	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
61	Toxicity of Fe ₂ O ₃ nanoparticles on human blood lymphocytes. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22303.	3.0	19
62	Investigation of the effect of magnetite iron oxide particles size on cytotoxicity in A ₅₄₉ cell line. <i>Toxicology and Industrial Health</i> , 2019, 35, 703-713.	1.4	24
63	Analysis of apoptosis related genes in nurses exposed to anti-neoplastic drugs. <i>BMC Pharmacology & Toxicology</i> , 2019, 20, 74.	2.4	9
64	The effects of para-phenylenediamine (PPD) on the skin fibroblast cells. <i>Xenobiotica</i> , 2019, 49, 1143-1148.	1.1	18
65	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
66	A Comparison of Cytotoxic Effects of L. and Extract on Human Chronic Lymphocytic Leukemia. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 1843-1853.	0.5	3
67	A Review on Toxicodynamics of Depleted Uranium. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 90-100.	0.5	8
68	Induction of Apoptosis by Extract of Persian Gulf Marine Mollusk, through the ROS-Mediated Mitochondrial Targeting on Human Epithelial Ovarian Cancer Cells. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 263-274.	0.5	4
69	Non-polar compounds of Persian Gulf sea cucumber <i>Holothuria parva</i> selectively induce toxicity on skin mitochondria isolated from animal model of melanoma. <i>Cutaneous and Ocular Toxicology</i> , 2018, 37, 218-227.	1.3	4
70	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
71	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
72	A cAMP analog attenuates beta-amyloid (1 β 42)-induced mitochondrial dysfunction and spatial learning and memory deficits. <i>Brain Research Bulletin</i> , 2018, 140, 34-42.	3.0	12

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73	Methotrexate induced mitochondrial injury and cytochrome c release in rat liver hepatocytes. Drug and Chemical Toxicology, 2018, 41, 51-61.	2.3	54
74	Toxicity of Copper Oxide (CuO) Nanoparticles on Human Blood Lymphocytes. Biological Trace Element Research, 2018, 184, 350-357.	3.5	97
75	Curcumin Protects Mitochondria and Cardiomyocytes from Oxidative Damage and Apoptosis Induced by Hemiscorpius Lepturus Venom. Drug Research, 2018, 68, 113-120.	1.7	19
76	Inhalation exposure of nano diamond induced oxidative stress in lung, heart and brain. Xenobiotica, 2018, 48, 860-866.	1.1	16
77	Toxicity of new synthetic amphetamine drug mephedrone On Rat Heart mitochondria: a warning for its abuse. Xenobiotica, 2018, 48, 1278-1284.	1.1	6
78	Single-walled carbon nanotube, multi-walled carbon nanotube and Fe ₂ O ₃ nanoparticles induced mitochondria mediated apoptosis in melanoma cells. Cutaneous and Ocular Toxicology, 2018, 37, 157-166.	1.3	33
79	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
80	Analysis of cytotoxic effects of nickel on human blood lymphocytes. Toxicology Mechanisms and Methods, 2018, 28, 79-86.	2.7	12
81	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
82	Role of Natural Compounds in Prevention and Treatment of Chronic Lymphocytic Leukemia. , 2018, , 195-203.		11
83	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
84	In Vivo Analysis of Apoptosis in Embryonic Hippocampus. Methods in Molecular Biology, 2018, 1797, 531-536.	0.9	1
85	Measurement of Mitochondrial Toxicity Parameters in Embryonic Hippocampus. Methods in Molecular Biology, 2018, 1797, 537-544.	0.9	7
86	Animal Tests for Evaluation of Cognitive Impairment in Neonatal Mouse. Methods in Molecular Biology, 2018, 1797, 545-554.	0.9	2
87	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
88	A Newly Synthesized Ferrocenyl Derivative Selectively Induces Apoptosis in ALL Lymphocytes through Mitochondrial Estrogen Receptors. Anti-Cancer Agents in Medicinal Chemistry, 2018, 18, 1032-1043.	1.7	2
89	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
90	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

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91	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
92	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
93	Selective Cytotoxicity of Î±-Santonin from the Persian Gulf Sponge Dysidea Avara on Pediatric ALL B-lymphocytes via Mitochondrial Targeting. Asian Pacific Journal of Cancer Prevention, 2018, 19, 2149-2154.	1.2	1
94	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.	0.5	2
95	Evaluation of the Toxicity Effects of Silk Fibroin on Isolated Fibroblast and Huvec Cells. Iranian Journal of Pharmaceutical Research, 2018, 17, 134-145.	0.5	2
96	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
97	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
98	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
99	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
100	The mechanism of hepatotoxic effects of sodium nitrite on isolated rat hepatocytes. Toxicology and Environmental Health Sciences, 2017, 9, 244-250.	2.1	14
101	In vitro toxicity of perfluorooctane sulfonate on rat liver hepatocytes: probability of destructive binding to CYP 2E1 and involvement of cellular proteolysis. Environmental Science and Pollution Research, 2017, 24, 23382-23388.	5.3	25
102	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
103	Inhibition of glucose-6-phosphate dehydrogenase protects hepatocytes from aluminum phosphide-induced toxicity. Pesticide Biochemistry and Physiology, 2017, 143, 141-146.	3.6	14
104	Lead acetate toxicity on human lymphocytes at non-cytotoxic concentrations detected in human blood. Main Group Metal Chemistry, 2017, 40, .	1.6	7
105	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
106	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
107	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
108	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

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109	Xylene Induces Oxidative Stress and Mitochondria Damage in Isolated Human Lymphocytes. <i>Toxicological Research</i> , 2017, 33, 233-238.	2.1	34
110	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
111	β-lactam Structured, 4-(4-(Methylsulfonyl)phenyl)-1-pentyl-3-phenoxyazetid-2-one: Selectively Targets Cancerous B Lymphocyte Mitochondria. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1292-1301.	1.7	4
112	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
113	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
114	Selective Toxicity of Persian Gulf Sea Squirt (<i>Phallusia nigra</i>) Extract on Isolated Mitochondria Obtained from Liver Hepatocytes of Hepatocellular Carcinoma Induced Rat. <i>Hepatitis Monthly</i> , 2017, 17, .	0.2	1
115	Persian Gulf Stonefish (<i>Pseudosynanceia melanostigma</i>) Venom Fractions Selectively Induce Apoptosis on Cancerous Hepatocytes from Hepatocellular Carcinoma Through ROS-Mediated Mitochondrial Pathway. <i>Hepatitis Monthly</i> , 2017, 17, .	0.2	0
116	A Comparison of Hepatocyte Cytotoxic Mechanisms for Docetaxel and PLGA-Docetaxel Nanoparticles. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 249-265.	0.5	2
117	Selective Toxicity of Non Polar Bioactive Compounds of Persian Gulf Sea Squirt <i>Phallusia Nigra</i> on Skin Mitochondria Isolated from Rat Model of Melanoma. <i>Asian Pacific Journal of Cancer Prevention</i> , 2017, 18, 811-818.	1.2	3
118	Comparison of Kinetic Study and Protective Effects of Biological Dipeptide and Two Porphyrin Derivatives on Metal Cytotoxicity Toward Human Lymphocytes. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 1059-1070.	0.5	3
119	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
120	Toxicity of cuprizone a Cu ²⁺ 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
121	Protective effects of physical exercise on MDMA-induced cognitive and mitochondrial impairment. <i>Free Radical Biology and Medicine</i> , 2016, 99, 11-19.	2.9	25
122	Propolis induce cytotoxicity on cancerous hepatocytes isolated from rat model of hepatocellular carcinoma: Involvement of ROS-mediated mitochondrial targeting. <i>PharmaNutrition</i> , 2016, 4, 143-150.	1.7	3
123	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
124	Toxicity of methyl tertiary-butyl ether on human blood lymphocytes. <i>Environmental Science and Pollution Research</i> , 2016, 23, 8556-8564.	5.3	29
125	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
126	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

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127	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
128	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
129	Repeated Administration of Mercury Intensifies Brain Damage in Multiple Sclerosis through Mitochondrial Dysfunction. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 834-841.	0.5	9
130	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
131	Antimony induces oxidative stress and cell death in normal hepatocytes. <i>Toxicological and Environmental Chemistry</i> , 2015, 97, 256-265.	1.2	16
132	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
133	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
134	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
135	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
136	4-(4-(Methylsulfonyl)phenyl)-3-phenoxy-1-phenylazetidin-2-one: a novel COX-2 inhibitor acting selectively and directly on cancerous B-lymphocyte mitochondria. <i>Toxicological and Environmental Chemistry</i> , 2015, 97, 908-921.	1.2	6
137	A comparison of cardiomyocyte cytotoxic mechanisms for 5-fluorouracil and its pro-drug capecitabine. <i>Xenobiotica</i> , 2015, 45, 79-87.	1.1	70
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