

Mir-Jamal Hosseini

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90
papers

1,706
citations

26
h-index

37
g-index

97
ext. papers

2,034
ext. citations

3.1
avg. IF

4.92
L-index

#	Paper	IF	Citations
90	Toxicity of depleted uranium on isolated rat kidney mitochondria. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 1940-50	4	98
89	Toxicity of vanadium on isolated rat liver mitochondria: a new mechanistic approach. <i>Metallomics</i> , 2013 , 5, 152-66	4.5	93
88	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, 367-81	3.2	86
87	Oxytocin mitigated the depressive-like behaviors of maternal separation stress through modulating mitochondrial function and neuroinflammation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017 , 76, 169-178	5.5	74
86	Using Janus green B to study paraquat toxicity in rat liver mitochondria: role of ACE inhibitors (thiol and nonthiol ACEi). <i>Annals of the New York Academy of Sciences</i> , 2006 , 1090, 98-107	6.5	52
85	Mitochondrial oxidative stress and dysfunction induced by isoniazid: study on isolated rat liver and brain mitochondria. <i>Drug and Chemical Toxicology</i> , 2016 , 39, 224-32	2.3	50
84	Toxicity of valproic acid in isolated rat liver mitochondria. <i>Toxicology Mechanisms and Methods</i> , 2013 , 23, 617-23	3.6	50
83	Influence of Aloe Vera gel on dermal wound healing process in rat. <i>Toxicology Mechanisms and Methods</i> , 2009 , 19, 73-7	3.6	46
82	Toxicity of Arsenic (III) on Isolated Liver Mitochondria: A New Mechanistic Approach. <i>Iranian Journal of Pharmaceutical Research</i> , 2013 , 12, 121-38	1.1	46
81	Induction of mitochondrial permeability transition (MPT) pore opening and ROS formation as a mechanism for methamphetamine-induced mitochondrial toxicity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014 , 387, 47-58	3.4	44
80	Mitochondrial/lysosomal toxic cross-talk plays a key role in cisplatin nephrotoxicity. <i>Xenobiotica</i> , 2010 , 40, 763-71	2	44
79	Depleted uranium induces disruption of energy homeostasis and oxidative stress in isolated rat brain mitochondria. <i>Metallomics</i> , 2013 , 5, 736-44	4.5	43
78	Adolescent voluntary exercise attenuated hippocampal innate immunity responses and depressive-like behaviors following maternal separation stress in male rats. <i>Physiology and Behavior</i> , 2016 , 163, 177-183	3.5	43
77	Poly(caprolactone)-Poly(ethylene glycol)-Poly(caprolactone) (PCL-PEG-PCL) nanoparticles: a valuable and efficient system for in vitro and in vivo delivery of curcumin. <i>RSC Advances</i> , 2016 , 6, 14403-14415	3.7	42
76	Glutathione mediated reductive activation and mitochondrial dysfunction play key roles in lithium induced oxidative stress and cytotoxicity in liver. <i>BioMetals</i> , 2012 , 25, 863-73	3.4	42
75	Toxicity Mechanisms of Cigarette Smoke on Mouse Fetus Mitochondria. <i>Iranian Journal of Pharmaceutical Research</i> , 2015 , 14, 131-8	1.1	38
74	Attenuation of oxidative and nitrosative stress in cortical area associates with antidepressant-like effects of tropisetron in male mice following social isolation stress. <i>Brain Research Bulletin</i> , 2016 , 124, 150-63	3.9	36

73	Tropisetron attenuated the anxiogenic effects of social isolation by modulating nitrenergic system and mitochondrial function. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015 , 1850, 2464-75	4	34
72	Toxicity of thallium on isolated rat liver mitochondria: the role of oxidative stress and MPT pore opening. <i>Environmental Toxicology</i> , 2015 , 30, 232-41	4.2	33
71	Mitochondrial dysfunction bridges negative affective disorders and cardiomyopathy in socially isolated rats: Pros and cons of fluoxetine. <i>World Journal of Biological Psychiatry</i> , 2017 , 18, 39-53	3.8	32
70	Anxiety- and Depressive-Like Behaviors are Associated with Altered Hippocampal Energy and Inflammatory Status in a Mouse Model of Crohn'S Disease. <i>Neuroscience</i> , 2017 , 366, 124-137	3.9	32
69	Mechanistic approach for the toxic effects of perfluorooctanoic acid on isolated rat liver and brain mitochondria. <i>Human and Experimental Toxicology</i> , 2015 , 34, 985-96	3.4	31
68	Voluntary Exercise During Adolescence Mitigated Negative the Effects of Maternal Separation Stress on the Depressive-Like Behaviors of Adult Male Rats: Role of NMDA Receptors. <i>Neurochemical Research</i> , 2018 , 43, 1067-1074	4.6	30
67	New mechanistic approach of inorganic palladium toxicity: impairment in mitochondrial electron transfer. <i>Metallomics</i> , 2016 , 8, 252-9	4.5	30
66	Streptozotocin induced oxidative stress, innate immune system responses and behavioral abnormalities in male mice. <i>Neuroscience</i> , 2017 , 340, 373-383	3.9	30
65	Application of isolated mitochondria in toxicological and clinical studies. <i>Iranian Journal of Pharmaceutical Research</i> , 2012 , 11, 703-4	1.1	27
64	Maternal exposure to silver nanoparticles are associated with behavioral abnormalities in adulthood: Role of mitochondria and innate immunity in developmental toxicity. <i>NeuroToxicology</i> , 2018 , 66, 66-77	4.4	26
63	Vasopressin attenuates ischemia-reperfusion injury via reduction of oxidative stress and inhibition of mitochondrial permeability transition pore opening in rat hearts. <i>European Journal of Pharmacology</i> , 2015 , 760, 96-102	5.3	25
62	Effects of zearalenone and alpha-Zearalenol in comparison with Raloxifene on T47D cells. <i>Toxicology Mechanisms and Methods</i> , 2009 , 19, 246-50	3.6	25
61	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	1.4	24
60	Magnetic nanogels as dual triggered anticancer drug delivery: Toxicity evaluation on isolated rat liver mitochondria. <i>Toxicology Letters</i> , 2017 , 278, 18-29	4.4	19
59	Hepatoprotective activity of angiotensin-converting enzyme (ACE) inhibitors, captopril and enalapril, against paraquat toxicity. <i>Pesticide Biochemistry and Physiology</i> , 2011 , 99, 105-110	4.9	18
58	Protective effects of Ziziphora tenuior extract against chlorpyrifos induced liver and lung toxicity in rat: Mechanistic approaches in subchronic study. <i>Environmental Toxicology</i> , 2017 , 32, 2191-2202	4.2	16
57	Simultaneous Determination of Nitrite and Nitrate in Milk Samples by Ion Chromatography Method and Estimation of Dietary Intake. <i>International Journal of Food Properties</i> , 2016 , 19, 1983-1993	3	16
56	Coenzyme Q Alleviated Behavioral Dysfunction and Bioenergetic Function in an Animal Model of Depression. <i>Neurochemical Research</i> , 2019 , 44, 1182-1191	4.6	16

55	The effect of <i>Achillea millefolium</i> extract on spermatogenesis of male Wistar rats. <i>Human and Experimental Toxicology</i> , 2011 , 30, 328-34	3.4	15
54	Uranyl acetate induces oxidative stress and mitochondrial membrane potential collapse in the human dermal fibroblast primary cells. <i>Iranian Journal of Pharmaceutical Research</i> , 2012 , 11, 495-501	1.1	15
53	Validation of an Analytical Methodology for Determination of Oxytetracycline Residue in Milk by HPLC with UV Detection. <i>Toxicology Mechanisms and Methods</i> , 2008 , 18, 351-4	3.6	13
52	Cardiac oxidative stress following maternal separation stress was mitigated following adolescent voluntary exercise in adult male rat. <i>Physiology and Behavior</i> , 2018 , 183, 39-45	3.5	12
51	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	3.4	12
50	A Review of Nitrate and Nitrite Toxicity in Foods. <i>Journal of Human, Environment, and Health Promotion</i> , 2016 , 1, 80-86	0.7	12
49	Occurrence of aflatoxin B in baby foods marketed in Iran. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 2690-2694	4.3	11
48	Vanadium induces liver toxicity through reductive activation by glutathione and mitochondrial dysfunction. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2012 , 03, 1096-1103	0.9	11
47	High doses of sodium tungstate can promote mitochondrial dysfunction and oxidative stress in isolated mitochondria. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019 , 33, e22266	3.4	11
46	Mitochondria as a Target for the Cardioprotective Effects of <i>Cydonia oblonga</i> Mill. and <i>Ficus carica</i> L. in Doxorubicin-Induced Cardiotoxicity. <i>Drug Research</i> , 2017 , 67, 358-365	1.8	10
45	Antimony induces oxidative stress and cell death in normal hepatocytes. <i>Toxicological and Environmental Chemistry</i> , 2015 , 97, 256-265	1.4	10
44	Mechanistic view for toxic effects of arsenic on isolated rat kidney and brain mitochondria. <i>Biologia (Poland)</i> , 2015 , 70, 683-689	1.5	10
43	Morphine Attenuated the Cytotoxicity Induced by Arsenic Trioxide in H9c2 Cardiomyocytes. <i>Biological Trace Element Research</i> , 2016 , 173, 132-9	4.5	10
42	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	1.1	10
41	Determinations of Melamine Residue in Infant Formula Brands Available in Iran Market Using by HPLC Method. <i>Iranian Journal of Pharmaceutical Research</i> , 2018 , 17, 563-570	1.1	10
40	Magnetic nanostructured lipid carrier for dual triggered curcumin delivery: Preparation, characterization and toxicity evaluation on isolated rat liver mitochondria. <i>Journal of Biomaterials Applications</i> , 2021 , 8853282211034625	2.9	9
39	The Study of Analgesic Effects and Acute Toxicity of <i>Tripleurospermum disciforme</i> in Rats by Formalin Test. <i>Toxicology Mechanisms and Methods</i> , 2007 , 17, 575-80	3.6	8
38	Exercise During Adolescence Attenuated Depressive-Like Behaviors and Hippocampal Mitochondrial Dysfunction Following Early Life Stress in Adult Male Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2018 , 17, 124-133	1.1	8

37	Protective effects of Sesamum indicum extract against oxidative stress induced by vanadium on isolated rat hepatocytes. <i>Environmental Toxicology</i> , 2016 , 31, 979-85	4.2	7
36	Involvement of four different intracellular sites in chloroacetaldehyde- induced oxidative stress cytotoxicity. <i>Iranian Journal of Pharmaceutical Research</i> , 2012 , 11, 265-76	1.1	7
35	A Study of Acute Poisoning Cases Admitted to the University Hospital Emergency Department in Tabriz, Iran. <i>Drug Research</i> , 2017 , 67, 183-188	1.8	6
34	Effect of sertraline on ouabain-induced arrhythmia in isolated guinea-pig atria. <i>Depression and Anxiety</i> , 2009 , 26, E106-10	8.4	6
33	Effect of acute pain on splenic NK cell activity, lymphocyte proliferation and cytokine production activities. <i>Immunopharmacology and Immunotoxicology</i> , 2007 , 29, 465-76	3.2	6
32	Adjuvant potential of selegiline in treating acute toxicity of aluminium phosphide in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 125, 62-74	3.1	6
31	Induction of two independent immunological cell death signaling following hemoglobinuria -induced acute kidney injury: In vivo study. <i>Toxicon</i> , 2019 , 163, 23-31	2.8	5
30	Toxicity of depleted uranium on isolated liver mitochondria: a revised mechanistic vision for justification of clinical complication of depleted uranium (DU) on liver. <i>Toxicological and Environmental Chemistry</i> , 2013 , 95, 1221-1234	1.4	5
29	The effects of Hemiscorpius lepturus induced-acute kidney injury on PGC-1 β gene expression: From induction to suppression in mice. <i>Toxicon</i> , 2020 , 174, 57-63	2.8	5
28	Minocycline attenuates depressive-like behaviors in mice treated with the low dose of intracerebroventricular streptozotocin; the role of mitochondrial function and neuroinflammation. <i>Molecular Biology Reports</i> , 2020 , 47, 6143-6153	2.8	5
27	Selegiline (L-Deprenyl) Mitigated Oxidative Stress, Cognitive Abnormalities, and Histopathological Change in Rats: Alternative Therapy in Transient Global Ischemia. <i>Journal of Molecular Neuroscience</i> , 2020 , 70, 1639-1648	3.3	4
26	The Teratogenic Effects of Flurazepam Intake during Organogenesis of the Rat Fetus. <i>Toxicology Mechanisms and Methods</i> , 2008 , 18, 711-6	3.6	4
25	Detection of Oxytetracycline Residue in Infant Formula by High-Performance Liquid Chromatography (HPLC). <i>Iranian Journal of Pharmaceutical Research</i> , 2011 , 10, 221-4	1.1	4
24	Grape Seed Oil as a Natural Therapy in Male Rats with Alzheimer's Diseases. <i>Advanced Pharmaceutical Bulletin</i> , 2020 , 10, 430-436	4.5	4
23	SAHA Improves Depressive Symptoms, Cognitive Impairment and Oxidative Stress: Rise of a New Antidepressant Class. <i>Neurochemical Research</i> , 2021 , 46, 1252-1263	4.6	4
22	Neuroprotective Effect of Apigenin on Depressive-Like Behavior: Mechanistic Approach. <i>Neurochemical Research</i> , 2021 , 1	4.6	3
21	Effects of copper oxide nanoparticles on the Chlorella algae in the presence of humic acid. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	3
20	Toxicological assessment of 3-monochloropropane-1,2-diol (3-MCPD) as a main contaminant of foodstuff in three different in vitro models: Involvement of oxidative stress and cell death signaling pathway. <i>Journal of Food Science</i> , 2020 , 85, 4061-4069	3.4	3

19	Clozapine attenuates mitochondrial dysfunction, inflammatory gene expression, and behavioral abnormalities in an animal model of schizophrenia. <i>Neuropharmacology</i> , 2021 , 187, 108503	5.5	3
18	Effect of n6-cyclopentyladenosine on ouabain-induced toxicity in isolated Guinea pig atria. <i>Toxicology Mechanisms and Methods</i> , 2008 , 18, 581-3	3.6	2
17	Occurrence of Ochratoxin A in Grape Juice of Iran. <i>Iranian Journal of Pharmaceutical Research</i> , 2018 , 17, 140-146	1.1	2
16	Teratogenic Effects of Diazepam Intake During Pregnancy Leading to Cleft Lip and Palatal Anomalies. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2007 , 7, 1177-1181	0.5	2
15	Improved Regeneration of Injured Sciatic Nerve of Rats by He-Ne Laser. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2007 , 7, 1354-1357	0.5	2
14	Concentration and exposure assessments of cadmium and lead in pumpkin, sunflower, watermelon, and jabooni seeds collected in Iran. <i>Fruits</i> , 2018 , 73, 236-242	0.3	2
13	The protective effects of Ziziphora tenuior L. against chlorpyrifos induced toxicity: Involvement of inflammatory and cell death signaling pathway. <i>Journal of Ethnopharmacology</i> , 2021 , 272, 113959	5	2
12	Investigation of therapeutic effect of curcumin and glucoside anomers against Alzheimer's disease by the nose to brain drug delivery. <i>Brain Research</i> , 2021 , 1766, 147517	3.7	2
11	Mitigated Oxidative Stress and Cognitive Impairments in Transient Global Ischemia using Niosomal Selegiline-NBP delivery.. <i>Behavioural Neurology</i> , 2022 , 2022, 4825472	3	2
10	Occurrence and Safety Evaluation of Ochratoxin A in Cereal-based Baby Foods Collected from Iranian Retail Market. <i>Journal of Food Science</i> , 2019 , 84, 695-700	3.4	1
9	Protective effect of probiotic Lactobacillus acidophilus against the toxicity of beauvericin mycotoxin on the Caco-2 cell line. <i>Toxicon</i> , 2020 , 185, 184-187	2.8	1
8	Analytic and chemometric assessments of the native probiotic bacteria and inulin effects on bioremediation of lead salts. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 5142-5153	4.3	1
7	The effects of minocycline in improving of methamphetamine withdrawal syndrome in male mice. <i>Drug and Chemical Toxicology</i> , 2021 , 1-9	2.3	1
6	Self-assembled magnetic polymeric micelles for delivery of quercetin: Toxicity evaluation on isolated rat liver mitochondria. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 1-20	3.5	1
5	Coenzyme Q10 and depression 2021 , 505-513		1
4	Protective effects of extract against scopolamine-induced behavioral disturbances and brain oxidative stress in rats.. <i>Heliyon</i> , 2022 , 8, e09295	3.6	1
3	Protective Effect of Ozone against Hemiscorpius lepturus Envenomation in Mice. <i>Biomedical and Environmental Sciences</i> , 2017 , 30, 581-590	1.1	1
2	The role of PGC-1 and metabolic signaling pathway in kidney injury following chronic administration with 3-MCPD as a food processing contaminant. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13744	3.3	0

- 1 The effect of paroxetine on ouabain-induced toxicity in isolated guinea pig atria. *Acta Medica Iranica*, **2011**, 49, 258-61