

Mir-Jamal Hosseini

List of Publications by Year in descending order

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95
papers

2,389
citations

172207

29
h-index

243296

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97
all docs

97
docs citations

97
times ranked

3229
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.5	123
2	Toxicity of depleted uranium on isolated rat kidney mitochondria. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1940-1950.	1.1	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.	0.9	116
4	Toxicity of vanadium on isolated rat liver mitochondria: a new mechanistic approach. <i>Metallomics</i> , 2013, 5, 152.	1.0	107
5	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.	1.0	66
6	Toxicity of valproic acid in isolated rat liver mitochondria. <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 617-623.	1.3	62
7	Mitochondrial oxidative stress and dysfunction induced by isoniazid: study on isolated rat liver and brain mitochondria. <i>Drug and Chemical Toxicology</i> , 2016, 39, 224-232.	1.2	61
8	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.	1.1	61
9	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.	1.8	59
10	Influence of Aloe Vera Gel on Dermal Wound Healing Process in Rat. <i>Toxicology Mechanisms and Methods</i> , 2009, 19, 73-77.	1.3	59
11	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.	1.6	58
12	Toxicity of thallium on isolated rat liver mitochondria: The role of oxidative stress and MPT pore opening. <i>Environmental Toxicology</i> , 2015, 30, 232-241.	2.1	54
13	New mechanistic approach of inorganic palladium toxicity: impairment in mitochondrial electron transfer. <i>Metallomics</i> , 2016, 8, 252-259.	1.0	52
14	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.	1.7	51
15	Mitochondrial/lysosomal toxic cross-talk plays a key role in cisplatin nephrotoxicity. <i>Xenobiotica</i> , 2010, 40, 763-771.	0.5	50
16	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.	1.8	50
17	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.	1.4	50
18	Depleted uranium induces disruption of energy homeostasis and oxidative stress in isolated rat brain mitochondria. <i>Metallomics</i> , 2013, 5, 736.	1.0	49

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19	Toxicity of Arsenic (III) on Isolated Liver Mitochondria: A New Mechanistic Approach. Iranian Journal of Pharmaceutical Research, 2013, 12, 121-38.	0.3	49
20	Mechanistic approach for the toxic effects of perfluorooctanoic acid on isolated rat liver and brain mitochondria. Human and Experimental Toxicology, 2015, 34, 985-996.	1.1	47
21	Toxicity Mechanisms of Cigarette Smoke on Mouse Fetus Mitochondria. Iranian Journal of Pharmaceutical Research, 2015, 14, 131-8.	0.3	47
22	Attenuation of oxidative and nitrosative stress in cortical area associates with antidepressant-like effects of tropisetron in male mice following social isolation stress. Brain Research Bulletin, 2016, 124, 150-163.	1.4	45
23	Tropisetron attenuated the angiogenic effects of social isolation by modulating nitrgenic system and mitochondrial function. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 2464-2475.	1.1	41
24	Mitochondrial dysfunction bridges negative affective disorders and cardiomyopathy in socially isolated rats: Pros and cons of fluoxetine. World Journal of Biological Psychiatry, 2017, 18, 39-53.	1.3	41
25	Maternal exposure to silver nanoparticles are associated with behavioral abnormalities in adulthood: Role of mitochondria and innate immunity in developmental toxicity. NeuroToxicology, 2018, 66, 66-77.	1.4	37
26	Streptozotocin induced oxidative stress, innate immune system responses and behavioral abnormalities in male mice. Neuroscience, 2017, 340, 373-383.	1.1	35
27	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.	0.6	33
28	Effects of zearalenone and Zearalenol in comparison with Raloxifene on T47D cells. Toxicology Mechanisms and Methods, 2009, 19, 246-250.	1.3	30
29	Application of isolated mitochondria in toxicological and clinical studies. Iranian Journal of Pharmaceutical Research, 2012, 11, 703-4.	0.3	30
30	Vasopressin attenuates ischemia-reperfusion injury via reduction of oxidative stress and inhibition of mitochondrial permeability transition pore opening in rat hearts. European Journal of Pharmacology, 2015, 760, 96-102.	1.7	29
31	Coenzyme Q10 Alleviated Behavioral Dysfunction and Bioenergetic Function in an Animal Model of Depression. Neurochemical Research, 2019, 44, 1182-1191.	1.6	26
32	Magnetic nanogels as dual triggered anticancer drug delivery: Toxicity evaluation on isolated rat liver mitochondria. Toxicology Letters, 2017, 278, 18-29.	0.4	25
33	Simultaneous Determination of Nitrite and Nitrate in Milk Samples by Ion Chromatography Method and Estimation of Dietary Intake. International Journal of Food Properties, 2016, 19, 1983-1993.	1.3	24
34	Cardiac oxidative stress following maternal separation stress was mitigated following adolescent voluntary exercise in adult male rat. Physiology and Behavior, 2018, 183, 39-45.	1.0	23
35	Protective effects of Ziziphora tenuior extract against chlorpyrifos induced liver and lung toxicity in rat: Mechanistic approaches in subchronic study. Environmental Toxicology, 2017, 32, 2191-2202.	2.1	22
36	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.	0.7	22

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37	Hepatoprotective activity of angiotensin-converting enzyme (ACE) inhibitors, captopril and enalapril, against paraquat toxicity. <i>Pesticide Biochemistry and Physiology</i> , 2011, 99, 105-110.	1.6	20
38	A Review of Nitrate and Nitrite Toxicity in Foods. <i>Journal of Human, Environment, and Health Promotion</i> , 2016, 1, 80-86.	0.2	20
39	The effect of <i>Achillea millefolium</i> extract on spermatogenesis of male Wistar rats. <i>Human and Experimental Toxicology</i> , 2011, 30, 328-334.	1.1	19
40	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.	1.4	19
41	Occurrence of aflatoxin B_1 in baby foods marketed in Iran. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 2690-2694.	1.7	18
42	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.	1.4	18
43	Neuroprotective Effect of Apigenin on Depressive-Like Behavior: Mechanistic Approach. <i>Neurochemical Research</i> , 2022, 47, 644-655.	1.6	17
44	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.	0.3	17
45	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, 351-354.	1.3	16
46	Antimony induces oxidative stress and cell death in normal hepatocytes. <i>Toxicological and Environmental Chemistry</i> , 2015, 97, 256-265.	0.6	16
47	Investigation of therapeutic effect of curcumin $\hat{1}$ and $\hat{2}$ glucoside anomers against Alzheimer's disease by the nose to brain drug delivery. <i>Brain Research</i> , 2021, 1766, 147517.	1.1	15
48	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.	1.0	14
49	Vanadium induces liver toxicity through reductive activation by glutathione and mitochondrial dysfunction. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2012, 03, 1096-1103.	0.3	14
50	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.	1.1	13
51	SAHA Improves Depressive Symptoms, Cognitive Impairment and Oxidative Stress: Rise of a New Antidepressant Class. <i>Neurochemical Research</i> , 2021, 46, 1252-1263.	1.6	13
52	Mechanistic view for toxic effects of arsenic on isolated rat kidney and brain mitochondria. <i>Biologia (Poland)</i> , 2015, 70, 683-689.	0.8	12
53	Morphine Attenuated the Cytotoxicity Induced by Arsenic Trioxide in H9c2 Cardiomyocytes. <i>Biological Trace Element Research</i> , 2016, 173, 132-139.	1.9	12
54	A Study of Acute Poisoning Cases Admitted to the University Hospital Emergency Department in Tabriz, Iran. <i>Drug Research</i> , 2017, 67, 183-188.	0.7	12

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55	Toxicological assessment of 3- <i>monochloropropane</i> -1,2- <i>diol</i> (3-MCPD) as a main contaminant of foodstuff in three different <i>in vitro</i> models: Involvement of oxidative stress and cell death signaling pathway. <i>Journal of Food Science</i> , 2020, 85, 4061-4069.	1.5	12
56	Grape Seed Oil as a Natural Therapy in Male Rats with Alzheimer's Diseases. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 430-436.	0.6	12
57	Clozapine attenuates mitochondrial dysfunction, inflammatory gene expression, and behavioral abnormalities in an animal model of schizophrenia. <i>Neuropharmacology</i> , 2021, 187, 108503.	2.0	11
58	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.	0.3	11
59	Effect of Acute Pain on Splenic NK Cell Activity, Lymphocyte Proliferation and Cytokine Production Activities. <i>Immunopharmacology and Immunotoxicology</i> , 2007, 29, 465-476.	1.1	10
60	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, 575-580.	1.3	10
61	Induction of two independent immunological cell death signaling following hemoglobinuria -induced acute kidney injury: In vivo study. <i>Toxicon</i> , 2019, 163, 23-31.	0.8	10
62	Effects of copper oxide nanoparticles on the <i>Chlorella</i> algae in the presence of humic acid. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	10
63	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.	1.7	10
64	The protective effects of <i>Ziziphora tenuior</i> L. against chlorpyrifos induced toxicity: Involvement of inflammatory and cell death signaling pathways. <i>Journal of Ethnopharmacology</i> , 2021, 272, 113959.	2.0	10
65	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> , 2022, 36, 1055-1063.	1.2	10
66	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.	0.3	10
67	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.	0.3	10
68	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.	2.1	9
69	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.	0.6	8
70	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.	1.2	8
71	Involvement of four different intracellular sites in chloroacetaldehyde- induced oxidative stress cytotoxicity. <i>Iranian Journal of Pharmaceutical Research</i> , 2012, 11, 265-76.	0.3	8
72	Effect of sertraline on ouabain-induced arrhythmia in isolated guinea-pig atria. <i>Depression and Anxiety</i> , 2009, 26, E106-E110.	2.0	7

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73	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.	1.5	7
74	The effects of <i>Hemiscorpius lepturus</i> induced-acute kidney injury on PGC-1 β gene expression: From induction to suppression in mice. <i>Toxicol</i> , 2020, 174, 57-63.	0.8	7
75	The Teratogenic Effects of Flurazepam Intake during Organogenesis of the Rat Fetus. <i>Toxicology Mechanisms and Methods</i> , 2008, 18, 711-716.	1.3	6
76	The role of PGC-1 β 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.	1.2	6
77	Protective effect of probiotic <i>Lactobacillus acidophilus</i> against the toxicity of beauvericin mycotoxin on the Caco-2 cell line. <i>Toxicol</i> , 2020, 185, 184-187.	0.8	5
78	Self-assembled magnetic polymeric micelles for delivery of quercetin: Toxicity evaluation on isolated rat liver mitochondria. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2022, 33, 279-298.	1.9	5
79	The effects of minocycline in improving of methamphetamine withdrawal syndrome in male mice. <i>Drug and Chemical Toxicology</i> , 2022, 45, 2319-2327.	1.2	4
80	Detection of Oxytetracycline Residue in Infant Formula by High-Performance Liquid . <i>Iranian Journal of Pharmaceutical Research</i> , 2011, 10, 221-4.	0.3	4
81	Mitigated Oxidative Stress and Cognitive Impairments in Transient Global Ischemia using Niosomal Selegiline-NBP delivery. <i>Behavioural Neurology</i> , 2022, 2022, 1-21.	1.1	4
82	The efficacy and neuroprotective effects of edaravone-loaded mPEG-b-PLGA polymeric nanoparticles on human neuroblastoma SH-SY5Y cell line as in vitro model of ischemia. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 73, 103378.	1.4	4
83	Protective effects of Vinca herbaceous extract against scopolamine-induced behavioral disturbances and brain oxidative stress in rats. <i>Heliyon</i> , 2022, 8, e09295.	1.4	3
84	Effect of N ⁶ -Cyclopentyladenosine on Ouabain-Induced Toxicity in Isolated Guinea Pig Atria. <i>Toxicology Mechanisms and Methods</i> , 2008, 18, 581-583.	1.3	2
85	Selegiline alleviates the depressive-like behaviors of methamphetamine withdrawal syndrome through modulating mitochondrial function and energy hemostasis. <i>Pharmaceutical Sciences</i> , 2021, , .	0.1	2
86	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.	0.0	2
87	Improved Regeneration of Injured Sciatic Nerve of Rats by He-Ne Laser. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2007, 7, 1354-1357.	0.0	2
88	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
89	Occurrence of Ochratoxin A in Grape Juice of Iran. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 140-146.	0.3	2
90	Metformin attenuates depressive-like behaviour of methamphetamine withdrawal in mice: A mechanistic approach. <i>World Journal of Biological Psychiatry</i> , 2023, 24, 209-222.	1.3	2

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91	The teratogenic effects of florzepam intake in rat fetus during pregnancy. <i>Toxicology Letters</i> , 2007, 172, S140-S141.	0.4	1
92	Involvement of necroptosis and ferroptosis pathway signaling in <i>Hemiscorpius lepturus</i> venom-induced acute kidney injury. <i>Toxicon</i> , 2019, 159, S10.	0.8	1
93	Coenzyme Q10 and depression. , 2021, , 505-513.		1
94	Protective Effect of Ozone against <i>Hemiscorpius lepturus</i> Envenomation in Mice. <i>Biomedical and Environmental Sciences</i> , 2017, 30, 581-590.	0.2	1
95	The effect of paroxetine on ouabain-induced toxicity in isolated guinea pig atria. <i>Acta Medica Iranica</i> , 2011, 49, 258-61.	0.8	0