

# Akram Jamshidzadeh

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

2,008  
citations

218381

26  
h-index

276539

41  
g-index

89  
all docs

89  
docs citations

89  
times ranked

1657  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of cellular redox environment on aryl hydrocarbon receptor ligands induced melanogenesis. <i>Toxicology in Vitro</i> , 2022, 79, 105282.	1.1	2
2	The crucial role of oxidative stress in non-alcoholic fatty liver disease-induced male reproductive toxicity: the ameliorative effects of Iranian indigenous probiotics. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2022, 395, 247-265.	1.4	23
3	Effectiveness of pentoxifylline in severe early-onset fetal growth restriction: A randomized double-blinded clinical trial. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2022, 61, 612-619.	0.5	3
4	N-acetyl cysteine treatment mitigates biomarkers of oxidative stress in different tissues of bile duct ligated rats. <i>Stress</i> , 2021, 24, 213-228.	0.8	30
5	Effect of flaxseed oil on biochemical parameters, hormonal indexes and stereological changes in ovariectomized rats. <i>Veterinary Medicine and Science</i> , 2021, 7, 521-533.	0.6	9
6	Î±-Melanocyte-Stimulating Hormone Triggers Melanogenesis Via Activation of the Aryl Hydrocarbon Receptor Pathway in B16F10 Mouse Melanoma Cells. <i>International Journal of Toxicology</i> , 2021, 40, 153-160.	0.6	7
7	Apoptosis-inducing factor plays a role in the pathogenesis of hepatic and renal injury during cholestasis. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 1191-1203.	1.4	24
8	The Role of Mitochondrial Impairment and Oxidative Stress in the Pathogenesis of Lithium-Induced Reproductive Toxicity in Male Mice. <i>Frontiers in Veterinary Science</i> , 2021, 8, 603262.	0.9	22
9	Disturbed mitochondrial redox state and tissue energy charge in cholestasis. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22846.	1.4	10
10	Antidotal effect of dihydroxyacetone against phosphine poisoning in mice. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22897.	1.4	4
11	Anti-melanogenesis and anti-tyrosinase properties of aryl-substituted acetamides of phenoxy methyl triazole conjugated with thiosemicarbazide: Design, synthesis and biological evaluations. <i>Bioorganic Chemistry</i> , 2021, 114, 104979.	2.0	29
12	Effects of Pentoxifylline in a Rat Model of Manganism: Evaluation of the Possible Toxicity. <i>Journal of Chemistry</i> , 2021, 2021, 1-9.	0.9	1
13	The Footprints of Oxidative Stress and Mitochondrial Impairment in Arsenic Trioxide-Induced Testosterone Release Suppression in Pubertal and Mature F1-Male Balb/c Mice via the Downregulation of 3Î²-HSD, 17Î²-HSD, and CYP11a Expression. <i>Biological Trace Element Research</i> , 2020, 195, 125-134.	1.9	26
14	Ziziphus jujube protects against cisplatin-induced nephrotoxicity in rats. <i>Comparative Clinical Pathology</i> , 2020, 29, 321-326.	0.3	2
15	Oral administration of thiol-reducing agents mitigates gut barrier disintegrity and bacterial lipopolysaccharide translocation in a rat model of biliary obstruction. <i>Current Research in Pharmacology and Drug Discovery</i> , 2020, 1, 10-18.	1.7	21
16	&lt;p&gt;The Potential Neuroprotective Role of Citicoline in Hepatic Encephalopathy&lt;/p&gt;. <i>Journal of Experimental Pharmacology</i> , 2020, Volume 12, 517-527.	1.5	8
17	The mechanisms of arsenic-induced ovotoxicity, ultrastructural alterations, and autophagic related paths: An enduring developmental study in folliculogenesis of mice. <i>Ecotoxicology and Environmental Safety</i> , 2020, 204, 110973.	2.9	51
18	Spermatotoxic Effects of Single-Walled and Multi-Walled Carbon Nanotubes on Male Mice. <i>Frontiers in Veterinary Science</i> , 2020, 7, 591558.	0.9	24

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19	Protective Role of Probiotic Supplements in Hepatic Steatosis: A Rat Model Study. <i>BioMed Research International</i> , 2020, 2020, 1-15.	0.9	31
20	&lt;p&gt;In vitro and in vivo Evaluation of Succinic Acid-Substituted Mesoporous Silica for Ammonia Adsorption: Potential Application in the Management of Hepatic Encephalopathy&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 10085-10098.	3.3	17
21	Chlorogenic acid supplementation improves skeletal muscle mitochondrial function in a rat model of resistance training. <i>Biologia (Poland)</i> , 2020, 75, 1221-1230.	0.8	24
22	Betaine supplementation mitigates intestinal damage and decreases serum bacterial endotoxin in cirrhotic rats. <i>PharmaNutrition</i> , 2020, 12, 100179.	0.8	20
23	<b>Carnosine Mitigates Biomarkers of Oxidative Stress, Improves Mitochondrial Function, and Alleviates Histopathological Alterations in the Renal Tissue of Cholestatic Rats</b>. <i>Pharmaceutical Sciences</i> , 2020, 27, 32-45.	0.1	5
24	Carnosine and Histidine Supplementation Blunt Lead-Induced Reproductive Toxicity through Antioxidative and Mitochondria-Dependent Mechanisms. <i>Biological Trace Element Research</i> , 2019, 187, 151-162.	1.9	72
25	Ammonia-induced mitochondrial impairment is intensified by manganese co-exposure: relevance to the management of subclinical hepatic encephalopathy and cirrhosis-associated brain injury. <i>Clinical and Experimental Hepatology</i> , 2019, 5, 109-117.	0.6	18
26	Contrasting Role of Concentration in Rivaroxaban Induced Toxicity and Oxidative Stress in Isolated Kidney Mitochondria. <i>Drug Research</i> , 2019, 69, 523-527.	0.7	9
27	Cholestasis-associated reproductive toxicity in male and female rats: The fundamental role of mitochondrial impairment and oxidative stress. <i>Toxicology Letters</i> , 2019, 316, 60-72.	0.4	51
28	Betaine treatment protects liver through regulating mitochondrial function and counteracting oxidative stress in acute and chronic animal models of hepatic injury. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 75-86.	2.5	87
29	Sub-chronic boldine treatment exerts anticonvulsant effects in mice. <i>Neurological Research</i> , 2018, 40, 146-152.	0.6	6
30	Effects of cimetidine and N-acetylcysteine on paraquat-induced acute lung injury in rats: a preliminary study. <i>Toxicological and Environmental Chemistry</i> , 2018, 100, 785-793.	0.6	4
31	Mitochondria protecting amino acids: Application against a wide range of mitochondria-linked complications. <i>PharmaNutrition</i> , 2018, 6, 180-190.	0.8	37
32	Proline supplementation mitigates the early stage of liver injury in bile duct ligated rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2018, 30, 91-101.	0.7	39
33	Taurine prevents mitochondrial membrane permeabilization and swelling upon interaction with manganese: Implication in the treatment of cirrhosis-associated central nervous system complications. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22216.	1.4	43
34	Hematological Abnormality, Oxidative Stress, and Genotoxicity Induction in the Greenhouse Pesticide Sprayers; Investigating the Role of NQO1 Gene Polymorphism. <i>Toxics</i> , 2018, 6, 13.	1.6	18
35	Taurine supplementation abates cirrhosis-associated locomotor dysfunction. <i>Clinical and Experimental Hepatology</i> , 2018, 4, 72-82.	0.6	42
36	Dual effects of sulfasalazine on rat sperm characteristics, spermatogenesis, and steroidogenesis in two experimental models. <i>Toxicology Letters</i> , 2018, 284, 46-55.	0.4	61

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37	Biocompatibility of an Ionic Liquid-protected Silver Nanoparticle Solution as Root Canal Irrigant. Iranian Endodontic Journal, 2018, 13, 293-298.	0.8	6
38	Delivery of plasmid encoding interleukin-12 gene into hepatocytes by conjugated polyethylenimine-based nanoparticles. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 1036-1044.	1.9	30
39	Carnosine ameliorates liver fibrosis and hyperammonemia in cirrhotic rats. Clinics and Research in Hepatology and Gastroenterology, 2017, 41, 424-434.	0.7	42
40	Carnosine protects brain mitochondria under hyperammonemic conditions: Relevance to hepatic encephalopathy treatment. PharmaNutrition, 2017, 5, 58-63.	0.8	43
41	Taurine treatment preserves brain and liver mitochondrial function in a rat model of fulminant hepatic failure and hyperammonemia. Biomedicine and Pharmacotherapy, 2017, 86, 514-520.	2.5	101
42	N-acetylcysteine treatment blunts liver failure-associated impairment of locomotor activity. PharmaNutrition, 2017, 5, 141-147.	0.8	42
43	Concurrent assessment of calpain and caspase3 activities in brains of mice with acetaminophen-induced acute hepatic encephalopathy. Metabolic Brain Disease, 2017, 32, 2139-2142.	1.4	4
44	Ammonia-induced mitochondrial dysfunction and energy metabolism disturbances in isolated brain and liver mitochondria, and the effect of taurine administration: relevance to hepatic encephalopathy treatment. Clinical and Experimental Hepatology, 2017, 3, 141-151.	0.6	76
45	Propylthiouracil-induced mitochondrial dysfunction in liver and its relevance to drug-induced hepatotoxicity. Pharmaceutical Sciences, 2017, 23, 95-102.	0.1	10
46	Effect of Imidazolium-Based Silver Nanoparticles on Root Dentin Roughness in Comparison with Three Common Root Canal Irrigants. Iranian Endodontic Journal, 2017, 12, 83-86.	0.8	5
47	Comparison of activated charcoal and sodium polystyrene sulfonate resin efficiency on reduction of amitriptyline oral absorption in rat as treatments for overdose and toxicities. Iranian Journal of Basic Medical Sciences, 2017, 20, 46-52.	1.0	1
48	Effect of taurine on chronic and acute liver injury: Focus on blood and brain ammonia. Toxicology Reports, 2016, 3, 870-879.	1.6	88
49	Effects of hydroalcoholic extract of Ziziphus jujuba on acetic acid induced ulcerative colitis in male rat ( <i>Rattus norvegicus</i> ). Journal of Coloproctology, 2016, 36, 189-195.	0.1	7
50	Paradoxical effect of methimazole on liver mitochondria: In vitro and in vivo. Toxicology Letters, 2016, 259, 108-115.	0.4	44
51	Effect of <i>Eisenia foetida</i> Extract against Cisplatin-Induced Kidney Injury in Rats. Journal of Dietary Supplements, 2016, 13, 551-559.	1.4	11
52	Antimalarial Drugs-Induced Hepatic Injury in Rats and the Protective Role of Carnosine. Pharmaceutical Sciences, 2016, 22, 170-180.	0.1	13
53	The Postulated Hepatotoxic Metabolite of Methimazole Causes Mitochondrial Dysfunction and Energy Metabolism Disturbances in Liver. Pharmaceutical Sciences, 2016, 22, 217-226.	0.1	10
54	Antioxidant and Protective Effects of Angiparsâ,ç, a New Herbal Drug, on Hydrogen Peroxide-Induced Oxidative Stress in HepG2 and A549 Cell Lines. Jundishapur Journal of Natural Pharmaceutical Products, 2016, 11, .	0.3	1

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55	Prevention of phosphine-induced cytotoxicity by nutrients in HepG2 cells. Indian Journal of Medical Research, 2016, 144, 560-565.	0.4	3
56	Healing acceleration of acetic acid-induced colitis by marigold ( <i>Calendula officinalis</i> ) in male rats. Saudi Journal of Gastroenterology, 2016, 22, 50.	0.5	24
57	Human Placental Extract Ameliorates Structural Lung Changes Induced by Amiodarone in Rats. Iranian Journal of Pharmaceutical Research, 2016, 15, 75-82.	0.3	8
58	Mitigation of Methimazole-Induced Hepatic Injury by Taurine in Mice. Scientia Pharmaceutica, 2015, 83, 143-158.	0.7	31
59	Carbonyl Traps as Potential Protective Agents against Methimazole-Induced Liver Injury. Journal of Biochemical and Molecular Toxicology, 2015, 29, 173-181.	1.4	32
60	A Comparison between the Nephrotoxic Profile of Gentamicin and Gentamicin Nanoparticles in Mice. Journal of Biochemical and Molecular Toxicology, 2015, 29, 57-62.	1.4	37
61	Propylthiouracil-Induced Liver Injury in Mice and the Protective Role of Taurine. Pharmaceutical Sciences, 2015, 21, 94-101.	0.8	14
62	An overview on the proposed mechanisms of antithyroid drugs-induced liver injury. Advanced Pharmaceutical Bulletin, 2015, 5, 1-11.	0.6	96
63	An in vivo and in vitro investigation on hepatoprotective effects of <i>Pimpinella anisum</i> seed essential oil and extracts against carbon tetrachloride-induced toxicity. Iranian Journal of Basic Medical Sciences, 2015, 18, 205-11.	1.0	20
64	Study of the Effects of ATP Suppliers and Thiol Reductants on Toxicity of Pioglitazone in Isolated Rat Liver Mitochondria. Iranian Journal of Pharmaceutical Research, 2015, 14, 825-32.	0.3	12
65	Factors affecting drug-induced liver injury: antithyroid drugs as instances. Clinical and Molecular Hepatology, 2014, 20, 237.	4.5	54
66	Effect of Platelet-Rich Plasma on CCl <sub>4</sub> -Induced Chronic Liver Injury in Male Rats. International Journal of Hepatology, 2014, 2014, 1-7.	0.4	29
67	Amitriptyline, clomipramine, and doxepin adsorption onto sodium polystyrene sulfonate. DARU, Journal of Pharmaceutical Sciences, 2014, 22, 21.	0.9	4
68	The effects of tramadol on norepinephrine and MHPG releasing in locus coeruleus in formalin test in rats: a brain stereotaxic study. Iranian Journal of Basic Medical Sciences, 2014, 17, 419-25.	1.0	4
69	Comparison of the effectiveness of polyethylenimine, polyamidoamine and chitosan in transferring plasmid encoding interleukin-12 gene into hepatocytes. Macromolecular Research, 2013, 21, 1322-1330.	1.0	33
70	A rapid and sensitive method for the determination of malondialdehyde as its hydralazine derivative in human plasma using high performance liquid chromatography. Analytical Methods, 2013, 5, 2995.	1.3	14
71	Evaluating the Effects of Dithiothreitol and Fructose on Cell Viability and Function of Cryopreserved Primary Rat Hepatocytes and HepG2 Cell Line. Hepatitis Monthly, 2013, 13, e7824.	0.1	8
72	New immunological investigations on <i>Helicobacter pylori</i> -induced gastric ulcer in patients. Microbiology and Immunology, 2013, 57, 455-462.	0.7	10

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73	Is topical nitric oxide and cryotherapy more effective than cryotherapy in the treatment of old world cutaneous leishmaniasis?. <i>Journal of Dermatological Treatment</i> , 2012, 23, 131-135.	1.1	11
74	Antidotal effect of dihydroxyacetone against phosphine poisoning in vivo in mice. <i>Toxicology Letters</i> , 2012, 211, S169-S170.	0.4	4
75	Efficacy of nitric oxide-liberating cream on pityriasis versicolor. <i>Journal of Dermatological Treatment</i> , 2010, 21, 93-96.	1.1	7
76	Protective effect of quercetin on oxidative stress in glucose-6-phosphate dehydrogenase-deficient erythrocytes in vitro. <i>Iranian Journal of Pharmaceutical Research</i> , 2010, 9, 169-75.	0.3	2
77	Protective effect of quercetin on oxidative stress in G6PD-deficient erythrocytes in vitro. <i>Toxicology Letters</i> , 2008, 180, S237.	0.4	0
78	Comparative measurement of serum acetyl cholinesterase enzyme using three different methods. <i>Toxicology Letters</i> , 2008, 180, S237.	0.4	1
79	Hepatoprotective effect of grape seed extract on rat liver. <i>Toxicology Letters</i> , 2008, 180, S50.	0.4	1
80	Protective effect of thiol reductants against hepatotoxicity of azathioprine in rats. <i>Toxicology Letters</i> , 2008, 180, S53-S54.	0.4	0
81	Effects of tomato extract on oxidative stress induced toxicity in different organs of rats. <i>Food and Chemical Toxicology</i> , 2008, 46, 3612-3615.	1.8	69
82	Cytotoxicity of chloroquine in isolated rat hepatocytes. <i>Journal of Applied Toxicology</i> , 2007, 27, 322-326.	1.4	20
83	Interleukin-1 $\beta$ (+3953) Gene Polymorphism and Susceptibility to Helicobacter Pylori Associated Gastritis associated gastritis. <i>Clinical Immunology</i> , 2007, 123, S30.	1.4	0
84	Hepatoprotective effect of thiol reductants against toxicity of azathioprine. <i>Toxicology Letters</i> , 2006, 164, S137.	0.4	0
85	Cytotoxicity of trazodone in isolated rat hepatocytes. <i>Toxicology Letters</i> , 2006, 164, S221.	0.4	0
86	Hepatoprotective activity of Berberis integerrima Bge extract in rats treated with CCl <sub>4</sub> : In vitro and in vivo studies. <i>Toxicology Letters</i> , 2006, 164, S310.	0.4	2
87	Effects of subchronic exposure to camphor on male reproductive tract in rats. <i>Toxicology Letters</i> , 2006, 164, S310.	0.4	1
88	Hepatoprotective activity of Gundelia tourenfortii. <i>Journal of Ethnopharmacology</i> , 2005, 101, 233-237.	2.0	43