

# Akram Jamshidzadeh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9317686/publications.pdf>

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	Taurine treatment preserves brain and liver mitochondrial function in a rat model of fulminant hepatic failure and hyperammonemia. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 514-520.	2.5	101
2	An overview on the proposed mechanisms of antithyroid drugs-induced liver injury. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 1-11.	0.6	96
3	Effect of taurine on chronic and acute liver injury: Focus on blood and brain ammonia. <i>Toxicology Reports</i> , 2016, 3, 870-879.	1.6	88
4	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
5	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. <i>Clinical and Experimental Hepatology</i> , 2017, 3, 141-151.	0.6	76
6	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
7	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
8	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
9	Factors affecting drug-induced liver injury: antithyroid drugs as instances. <i>Clinical and Molecular Hepatology</i> , 2014, 20, 237.	4.5	54
10	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
11	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
12	Paradoxical effect of methimazole on liver mitochondria: In vitro and in vivo. <i>Toxicology Letters</i> , 2016, 259, 108-115.	0.4	44
13	Hepatoprotective activity of <i>Gundelia tourenfortii</i> . <i>Journal of Ethnopharmacology</i> , 2005, 101, 233-237.	2.0	43
14	Carnosine protects brain mitochondria under hyperammonemic conditions: Relevance to hepatic encephalopathy treatment. <i>PharmaNutrition</i> , 2017, 5, 58-63.	0.8	43
15	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
16	Carnosine ameliorates liver fibrosis and hyperammonemia in cirrhotic rats. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2017, 41, 424-434.	0.7	42
17	N-acetylcysteine treatment blunts liver failure-associated impairment of locomotor activity. <i>PharmaNutrition</i> , 2017, 5, 141-147.	0.8	42
18	Taurine supplementation abates cirrhosis-associated locomotor dysfunction. <i>Clinical and Experimental Hepatology</i> , 2018, 4, 72-82.	0.6	42

#	ARTICLE	IF	CITATIONS
19	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
20	A Comparison between the Nephrotoxic Profile of Gentamicin and Gentamicin Nanoparticles in Mice. <i>Journal of Biochemical and Molecular Toxicology</i> , 2015, 29, 57-62.	1.4	37
21	Mitochondria protecting amino acids: Application against a wide range of mitochondria-linked complications. <i>PharmaNutrition</i> , 2018, 6, 180-190.	0.8	37
22	Comparison of the effectiveness of polyethylenimine, polyamidoamine and chitosan in transferring plasmid encoding interleukin-12 gene into hepatocytes. <i>Macromolecular Research</i> , 2013, 21, 1322-1330.	1.0	33
23	Carbonyl Traps as Potential Protective Agents against Methimazole-Induced Liver Injury. <i>Journal of Biochemical and Molecular Toxicology</i> , 2015, 29, 173-181.	1.4	32
24	Mitigation of Methimazole-Induced Hepatic Injury by Taurine in Mice. <i>Scientia Pharmaceutica</i> , 2015, 83, 143-158.	0.7	31
25	Protective Role of Probiotic Supplements in Hepatic Steatosis: A Rat Model Study. <i>BioMed Research International</i> , 2020, 2020, 1-15.	0.9	31
26	Delivery of plasmid encoding interleukin-12 gene into hepatocytes by conjugated polyethylenimine-based nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1036-1044.	1.9	30
27	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
28	Effect of Platelet-Rich Plasma on CCl <sub>4</sub> -Induced Chronic Liver Injury in Male Rats. <i>International Journal of Hepatology</i> , 2014, 2014, 1-7.	0.4	29
29	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
30	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 3 $\beta$ -HSD, 17 $\beta$ -HSD, and CYP11a Expression. <i>Biological Trace Element Research</i> , 2020, 195, 125-134.	1.9	26
31	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
32	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
33	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
34	Healing acceleration of acetic acid-induced colitis by marigold ( <i>Calendula officinalis</i> ) in male rats. <i>Saudi Journal of Gastroenterology</i> , 2016, 22, 50.	0.5	24
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	Cytotoxicity of chloroquine in isolated rat hepatocytes. <i>Journal of Applied Toxicology</i> , 2007, 27, 322-326.	1.4	20
39	Betaine supplementation mitigates intestinal damage and decreases serum bacterial endotoxin in cirrhotic rats. <i>PharmaNutrition</i> , 2020, 12, 100179.	0.8	20
40	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. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 205-11.	1.0	20
41	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
42	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
43	&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
44	A rapid and sensitive method for the determination of malondialdehyde as its hydralazine derivative in human plasma using high performance liquid chromatography. <i>Analytical Methods</i> , 2013, 5, 2995.	1.3	14
45	Propylthiouracil-Induced Liver Injury in Mice and the Protective Role of Taurine. <i>Pharmaceutical Sciences</i> , 2015, 21, 94-101.	0.8	14
46	Antimalarial Drugs-Induced Hepatic Injury in Rats and the Protective Role of Carnosine. <i>Pharmaceutical Sciences</i> , 2016, 22, 170-180.	0.1	13
47	Study of the Effects of ATP Suppliers and Thiol Reductants on Toxicity of Pioglitazone in Isolated Rat Liver Mitochondria. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 825-32.	0.3	12
48	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
49	Effect of <i>Eisenia foetida</i> Extract against Cisplatin-Induced Kidney Injury in Rats. <i>Journal of Dietary Supplements</i> , 2016, 13, 551-559.	1.4	11
50	New immunological investigations on <i>Helicobacter pylori</i> -induced gastric ulcer in patients. <i>Microbiology and Immunology</i> , 2013, 57, 455-462.	0.7	10
51	Disturbed mitochondrial redox state and tissue energy charge in cholestasis. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22846.	1.4	10
52	The Postulated Hepatotoxic Metabolite of Methimazole Causes Mitochondrial Dysfunction and Energy Metabolism Disturbances in Liver. <i>Pharmaceutical Sciences</i> , 2016, 22, 217-226.	0.1	10
53	Propylthiouracil-induced mitochondrial dysfunction in liver and its relevance to drug-induced hepatotoxicity. <i>Pharmaceutical Sciences</i> , 2017, 23, 95-102.	0.1	10
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	Evaluating the Effects of Dithiothreitol and Fructose on Cell Viability and Function of Cryopreserved Primary Rat Hepatocytes and HepG2 Cell Line. <i>Hepatitis Monthly</i> , 2013, 13, e7824.	0.1	8
57	&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
58	Human Placental Extract Ameliorates Structural Lung Changes lindeduced by Amiodarone in Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 75-82.	0.3	8
59	Efficacy of nitric oxide-liberating cream on pityriasis versicolor. <i>Journal of Dermatological Treatment</i> , 2010, 21, 93-96.	1.1	7
60	Effects of hydroalcoholic extract of <i>Ziziphus jujuba</i> on acetic acid induced ulcerative colitis in male rat ( <i>Rattus norvegicus</i> ). <i>Journal of Coloproctology</i> , 2016, 36, 189-195.	0.1	7
61	±-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
62	Sub-chronic boldine treatment exerts anticonvulsant effects in mice. <i>Neurological Research</i> , 2018, 40, 146-152.	0.6	6
63	Biocompatibility of an Ionic Liquid-protected Silver Nanoparticle Solution as Root Canal Irrigant. <i>Iranian Endodontic Journal</i> , 2018, 13, 293-298.	0.8	6
64	Effect of Imidazolium-Based Silver Nanoparticles on Root Dentin Roughness in Comparison with Three Common Root Canal Irrigants. <i>Iranian Endodontic Journal</i> , 2017, 12, 83-86.	0.8	5
65	<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
66	Antidotal effect of dihydroxyacetone against phosphine poisoning in vivo in mice. <i>Toxicology Letters</i> , 2012, 211, S169-S170.	0.4	4
67	Amitriptyline, clomipramine, and doxepin adsorption onto sodium polystyrene sulfonate. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2014, 22, 21.	0.9	4
68	Concurrent assessment of calpain and caspase3 activities in brains of mice with acetaminophen-induced acute hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2017, 32, 2139-2142.	1.4	4
69	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
70	Antidotal effect of dihydroxyacetone against phosphine poisoning in mice. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22897.	1.4	4
71	The effects of tramadol on norepinephrine and MHPG releasing in locus coeruleus in formalin test in rats: a brain stereotaxic study. <i>Iranian Journal of Basic Medical Sciences</i> , 2014, 17, 419-25.	1.0	4
72	Prevention of phosphine-induced cytotoxicity by nutrients in HepG2 cells. <i>Indian Journal of Medical Research</i> , 2016, 144, 560-565.	0.4	3

#	ARTICLE	IF	CITATIONS
73	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
74	Hepatoprotective activity of <i>Berberis integerrima</i> 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
75	<i>Ziziphus jujube</i> protects against cisplatin-induced nephrotoxicity in rats. <i>Comparative Clinical Pathology</i> , 2020, 29, 321-326.	0.3	2
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	Influence of cellular redox environment on aryl hydrocarbon receptor ligands induced melanogenesis. <i>Toxicology in Vitro</i> , 2022, 79, 105282.	1.1	2
78	Effects of subchronic exposure to camphor on male reproductive tract in rats. <i>Toxicology Letters</i> , 2006, 164, S310.	0.4	1
79	Comparative measurement of serum acetyl cholinesterase enzyme using three different methods. <i>Toxicology Letters</i> , 2008, 180, S237.	0.4	1
80	Hepatoprotective effect of grape seed extract on rat liver. <i>Toxicology Letters</i> , 2008, 180, S50.	0.4	1
81	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
82	Antioxidant and Protective Effects of Angiparsâ,,ç, a New Herbal Drug, on Hydrogen Peroxide-Induced Oxidative Stress in HepG2 and A549 Cell Lines. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2016, 11, .	0.3	1
83	Comparison of activated charcoal and sodium polystyrene sulfonate resin efficiency on reduction of amitriptyline oral absorption in rat as treatments for overdose and toxicities. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 46-52.	1.0	1
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	Interleukin-1 $\beta$ (+3953) Gene Polymorphism and Susceptibility to <i>Helicobacter Pylori</i> Associated Gastritis associated gastritis. <i>Clinical Immunology</i> , 2007, 123, S30.	1.4	0
87	Protective effect of quersetin on oxidative stress in G6PD-deficient erythrocytes in vitro. <i>Toxicology Letters</i> , 2008, 180, S237.	0.4	0
88	Protective effect of thiol reductants against hepatotoxicity of azathioprine in rats. <i>Toxicology Letters</i> , 2008, 180, S53-S54.	0.4	0