

Hossein Niknahad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/579870/publications.pdf>

Version: 2024-02-01

88
papers

2,435
citations

147566

31
h-index

233125

45
g-index

91
all docs

91
docs citations

91
times ranked

2007
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview on the proposed mechanisms of antithyroid drugs-induced liver injury. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 1-11.	0.6	96
2	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
3	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
4	Mechanism of sulfite cytotoxicity in isolated rat hepatocytes. <i>Chemico-Biological Interactions</i> , 2008, 174, 147-154.	1.7	85
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	Mitochondrial dysfunction and oxidative stress are involved in the mechanism of methotrexate-induced renal injury and electrolytes imbalance. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 834-840.	2.5	75
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	Mechanism of valproic acid-induced Fanconi syndrome involves mitochondrial dysfunction and oxidative stress in rat kidney. <i>Nephrology</i> , 2018, 23, 351-361.	0.7	66
9	Mitochondria protection as a mechanism underlying the hepatoprotective effects of glycine in cholestatic mice. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1086-1095.	2.5	63
10	Sulfasalazine induces mitochondrial dysfunction and renal injury. <i>Renal Failure</i> , 2017, 39, 745-753.	0.8	62
11	Factors affecting drug-induced liver injury: antithyroid drugs as instances. <i>Clinical and Molecular Hepatology</i> , 2014, 20, 237.	4.5	54
12	Taurine Treatment Provides Neuroprotection in a Mouse Model of Manganism. <i>Biological Trace Element Research</i> , 2019, 190, 384-395.	1.9	54
13	Hepatocyte injury resulting from the inhibition of mitochondrial respiration at low oxygen concentrations involves reductive stress and oxygen activation. <i>Chemico-Biological Interactions</i> , 1995, 98, 27-44.	1.7	52
14	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
15	Prevention of Cyanide-Induced Cytotoxicity by Nutrients in Isolated Rat Hepatocytes. <i>Toxicology and Applied Pharmacology</i> , 1994, 128, 271-279.	1.3	48
16	The Role and Study of Mitochondrial Impairment and Oxidative Stress in Cholestasis. <i>Methods in Molecular Biology</i> , 2019, 1981, 117-132.	0.4	46
17	Paradoxical effect of methimazole on liver mitochondria: In vitro and in vivo. <i>Toxicology Letters</i> , 2016, 259, 108-115.	0.4	44
18	Hepatoprotective activity of <i>Gundelia tourenfortii</i> . <i>Journal of Ethnopharmacology</i> , 2005, 101, 233-237.	2.0	43

#	ARTICLE	IF	CITATIONS
19	Carnosine protects brain mitochondria under hyperammonemic conditions: Relevance to hepatic encephalopathy treatment. <i>PharmaNutrition</i> , 2017, 5, 58-63.	0.8	43
20	Dithiothreitol supplementation mitigates hepatic and renal injury in bile duct ligated mice: Potential application in the treatment of cholestasis-associated complications. <i>Biomedicine and Pharmacotherapy</i> , 2018, 99, 1022-1032.	2.5	43
21	N-acetylcysteine treatment blunts liver failure-associated impairment of locomotor activity. <i>PharmaNutrition</i> , 2017, 5, 141-147.	0.8	42
22	Taurine supplementation abates cirrhosis-associated locomotor dysfunction. <i>Clinical and Experimental Hepatology</i> , 2018, 4, 72-82.	0.6	42
23	Mitochondrial dysfunction as a mechanism involved in the pathogenesis of cirrhosis-associated cholemic nephropathy. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 271-280.	2.5	42
24	The neuroprotective properties of carnosine in a mouse model of manganism is mediated via mitochondria regulating and antioxidative mechanisms. <i>Nutritional Neuroscience</i> , 2020, 23, 731-743.	1.5	41
25	Sulfasalazine-induced renal and hepatic injury in rats and the protective role of taurine. <i>BiolImpacts</i> , 2016, 6, 3-8.	0.7	40
26	Synthesis and calcium channel antagonist activities of 3-nitrooxyalkyl, 5-alkyl 1,4-dihydro-2,6-dimethyl-4-(1-methyl-5-nitro-2-imidazolyl)-3,5-pyridinedicarboxylates. <i>Il Farmaco</i> , 2002, 57, 123-128.	0.9	39
27	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
28	Sulfasalazine-induced renal injury in rats and the protective role of thiol-reductants. <i>Renal Failure</i> , 2016, 38, 137-141.	0.8	38
29	Involvement of nitric oxide in nitroprusside-induced hepatocyte cytotoxicity. <i>Biochemical Pharmacology</i> , 1996, 51, 1031-1039.	2.0	37
30	Mitochondria protecting amino acids: Application against a wide range of mitochondria-linked complications. <i>PharmaNutrition</i> , 2018, 6, 180-190.	0.8	37
31	Poly (ADP-Ribose) polymerase-1 (PARP-1) overactivity plays a pathogenic role in bile acids-induced nephrotoxicity in cholestatic rats. <i>Toxicology Letters</i> , 2020, 330, 144-158.	0.4	36
32	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
33	The inhibition of NFD ^o B signaling and inflammatory response as a strategy for blunting bile acid-induced hepatic and renal toxicity. <i>Toxicology Letters</i> , 2021, 349, 12-29.	0.4	32
34	Effect of Thiol-reducing Agents and Antioxidants on Sulfasalazine-induced Hepatic Injury in Normothermic Recirculating Isolated Perfused Rat Liver. <i>Toxicological Research</i> , 2016, 32, 133-140.	1.1	31
35	Taurine mitigates cirrhosis-associated heart injury through mitochondrial-dependent and antioxidative mechanisms. <i>Clinical and Experimental Hepatology</i> , 2020, 6, 207-219.	0.6	28
36	Hepatocyte-Catalysed Detoxification of Cyanide by l- and d-Cysteine. <i>Biochemical Pharmacology</i> , 1998, 55, 1983-1990.	2.0	27

#	ARTICLE	IF	CITATIONS
37	The activation of nuclear factor-E2-related factor 2 (Nrf2)/heme oxygenase-1 (HO-1) signaling blunts cholestasis-induced liver and kidney injury. <i>Toxicology Research</i> , 2021, 10, 911-927.	0.9	27
38	Coenzyme Q10 remarkably improves the bio-energetic function of rat liver mitochondria treated with statins. <i>European Journal of Pharmacology</i> , 2015, 762, 270-274.	1.7	25
39	Antidotal Effect of Dihydroxyacetone against Cyanide Toxicity in Vivo. <i>Toxicology and Applied Pharmacology</i> , 1996, 138, 186-191.	1.3	24
40	Modulating carbonyl cytotoxicity in intact rat hepatocytes by inhibiting carbonyl-metabolizing enzymes. I. Aliphatic alkenals. <i>Chemico-Biological Interactions</i> , 2003, 143-144, 107-117.	1.7	23
41	Cytotoxicity induced by N-methyl-N- ϵ^2 -nitro-N-nitrosoguanidine may involve S-nitrosyl glutathione and nitric oxide. <i>Xenobiotica</i> , 1995, 25, 91-101.	0.5	22
42	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
43	The potential role of mitochondrial impairment in the pathogenesis of imatinib-induced renal injury. <i>Heliyon</i> , 2019, 5, e01996.	1.4	21
44	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
45	Cytotoxicity of chloroquine in isolated rat hepatocytes. <i>Journal of Applied Toxicology</i> , 2007, 27, 322-326.	1.4	20
46	Betaine supplementation mitigates intestinal damage and decreases serum bacterial endotoxin in cirrhotic rats. <i>PharmaNutrition</i> , 2020, 12, 100179.	0.8	20
47	Boldine Supplementation Regulates Mitochondrial Function and Oxidative Stress in a Rat Model of Hepatotoxicity. <i>Pharmaceutical Sciences</i> , 2019, 25, 1-10.	0.1	19
48	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
49	In Vitro and In Vivo Evidence on the Role of Mitochondrial Impairment as a Mechanism of Lithium-Induced Nephrotoxicity. <i>Biological Trace Element Research</i> , 2021, 199, 1908-1918.	1.9	18
50	Antagonism of cyanide poisoning by dihydroxyacetone. <i>Toxicology Letters</i> , 2002, 132, 95-100.	0.4	17
51	Bioconversion of Hydrocortisone by Cyanobacterium <i>Fischerella ambigua</i> PTCC 1635. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 811-814.	1.7	17
52	N-acetyl cysteine treatment preserves mitochondrial indices of functionality in the brain of hyperammonemic mice. <i>Clinical and Experimental Hepatology</i> , 2020, 6, 106-115.	0.6	17
53	Modulating carbonyl cytotoxicity in intact rat hepatocytes by inhibiting carbonyl metabolizing enzymes. II. Aromatic aldehydes. <i>Chemico-Biological Interactions</i> , 2003, 143-144, 119-128.	1.7	16
54	Metformin alleviates cholestasis-associated nephropathy through regulating oxidative stress and mitochondrial function. <i>Liver Research</i> , 2021, 5, 171-180.	0.5	16

#	ARTICLE	IF	CITATIONS
55	Co-exposure to an Aryl Hydrocarbon Receptor Endogenous Ligand, 6-Formylindolo[3,2-b]carbazole (FICZ), and Cadmium Induces Cardiovascular Developmental Abnormalities in Mice. <i>Biological Trace Element Research</i> , 2019, 187, 442-451.	1.9	15
56	Betaine alleviates cholestasis-associated renal injury by mitigating oxidative stress and enhancing mitochondrial function. <i>Biologia (Poland)</i> , 2021, 76, 351-365.	0.8	15
57	Concurrent Inflammation Augments Antimalarial Drugs-Induced Liver Injury in Rats. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 617-625.	0.6	13
58	Synthesis and Evaluation of Pharmacological Activities of 3, 5-Dialkyl 1, 4-Dihydro-2, 6-Dimethyl-4-Nitroimidazole-3, 5-Pyridine Dicarboxylates. <i>Archiv Der Pharmazie</i> , 2003, 336, 422-428.	2.1	12
59	The effect of acute aripiprazole treatment on chemically and electrically induced seizures in mice: The role of nitric oxide. <i>Epilepsy and Behavior</i> , 2015, 48, 35-40.	0.9	12
60	Silymarin mitigates bile duct obstruction-induced cholemic nephropathy. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 1301-1314.	1.4	12
61	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
62	Sulfasalazine-Induced Hepatic Injury in an Ex Vivo Model of Isolated Perfused Rat Liver and the Protective Role of Taurine. <i>Pharmaceutical Sciences</i> , 2015, 21, 211-219.	0.8	11
63	The Healing Effect of Mixture of Honey, Putty, Vitriol and Olive oil in <i>Pseudomonas aeruginosa</i> Infected Burns in Experimental Rat Model. <i>Asian Journal of Animal and Veterinary Advances</i> , 2011, 6, 572-579.	0.3	11
64	Algal transformation of hydrocortisone by the cyanobacterium <i>Nostoc ellipsosporum</i> . <i>Chemistry of Natural Compounds</i> , 2006, 42, 702-705.	0.2	10
65	The interaction of adenosine and morphine on pentylenetetrazole-induced seizure threshold in mice. <i>Neuropharmacology</i> , 2013, 72, 1-8.	2.0	10
66	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
67	Propylthiouracil-induced mitochondrial dysfunction in liver and its relevance to drug-induced hepatotoxicity. <i>Pharmaceutical Sciences</i> , 2017, 23, 95-102.	0.1	10
68	Dithiothreitol (DTT) rescues mitochondria from nitrofurantoin-induced mitotoxicity in rat. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016, 30, 588-592.	1.4	9
69	Carnosine Mitigates Manganese Mitotoxicity in an In Vitro Model of Isolated Brain Mitochondria. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 294-301.	0.6	9
70	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
71	Evaluating the Role of Drug Metabolism and Reactive Intermediates in Trazodone-Induced Cytotoxicity toward Freshly-Isolated Rat Hepatocytes. <i>Drug Research</i> , 2016, 66, 592-596.	0.7	7
72	Exacerbated liver injury of antithyroid drugs in endotoxin-treated mice. <i>Drug and Chemical Toxicology</i> , 2019, 42, 615-623.	1.2	7

#	ARTICLE	IF	CITATIONS
73	The effectiveness of a traditional Persian medicine preparation in the treatment of chronic cough: A randomized, double-blinded, placebo-controlled clinical trial. <i>Complementary Therapies in Medicine</i> , 2020, 49, 102324.	1.3	7
74	Assessing the effect of pomegranate fruit seed extract mouthwash on dental plaque and gingival inflammation. <i>Journal of Dental Research and Review</i> , 2016, 3, 117.	0.0	7
75	Pentoxifylline mitigates cholestasis-related cholemic nephropathy. <i>Clinical and Experimental Hepatology</i> , 2021, 7, 377-389.	0.6	7
76	Carnosine Mitigates Biomarkers of Oxidative Stress, Improves Mitochondrial Function, and Alleviates Histopathological Alterations in the Renal Tissue of Cholestatic Rats. <i>Pharmaceutical Sciences</i> , 2020, 27, 32-45.	0.1	5
77	Antidotal effect of dihydroxyacetone against phosphine poisoning in vivo in mice. <i>Toxicology Letters</i> , 2012, 211, S169-S170.	0.4	4
78	Antidotal effect of dihydroxyacetone against phosphine poisoning in mice. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22897.	1.4	4
79	Oxygen dependence of hepatocyte susceptibility to mitochondrial respiratory inhibitors. <i>Biochemical Pharmacology</i> , 1995, 50, 1859-1865.	2.0	3
80	The Effects of Sub-Chronic Treatment with Aripiprazole on Pentylentetrazole- and Electroshock-Induced Seizures in Mice: The Role of Nitric Oxide. <i>Pharmacology</i> , 2015, 95, 264-270.	0.9	3
81	Mitochondria as biosynthetic centers and targeted therapeutics. , 2021, , 19-47.		3
82	Prevention of phosphine-induced cytotoxicity by nutrients in HepG2 cells. <i>Indian Journal of Medical Research</i> , 2016, 144, 560-565.	0.4	3
83	The role of alpha-2 adrenoceptors in the anticonvulsant effects of adenosine on pentylentetrazole-induced seizure threshold in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 126, 36-42.	1.3	2
84	Hepatoprotective effect of grape seed extract on rat liver. <i>Toxicology Letters</i> , 2008, 180, S50.	0.4	1
85	Diazinon Interrupts Ovarian Steroidogenic Acute Regulatory () Gene Transcription in Gonadotropin-Stimulated Rat Model. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 535-542.	0.3	1
86	Hepatoprotective effect of thiol reductants against toxicity of azathioprine. <i>Toxicology Letters</i> , 2006, 164, S137.	0.4	0
87	Cytotoxicity of trazodone in isolated rat hepatocytes. <i>Toxicology Letters</i> , 2006, 164, S221.	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