Reza Heidari

List of Publications by Year in descending order

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136 papers	3,971 citations	81743 39 h-index	174990 52 g-index
138 all docs	138 docs citations	138 times ranked	2818 citing authors

#	Article	IF	Citations
1	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
2	An overview on the proposed mechanisms of antithyroid drugs-induced liver injury. Advanced Pharmaceutical Bulletin, 2015, 5, 1-11.	0.6	96
3	Effect of taurine on chronic and acute liver injury: Focus on blood and brain ammonia. Toxicology Reports, 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. Biomedicine and Pharmacotherapy, 2018, 103, 75-86.	2.5	87
5	The nephroprotective properties of taurine in colistin-treated mice is mediated through the regulation of mitochondrial function and mitigation of oxidative stress. Biomedicine and Pharmacotherapy, 2019, 109, 103-111.	2.5	84
6	Vaccinomics approach for developing multi-epitope peptide pneumococcal vaccine. Journal of Biomolecular Structure and Dynamics, 2019, 37, 3524-3535.	2.0	84
7	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
8	Mitochondrial dysfunction and oxidative stress are involved in the mechanism of methotrexate-induced renal injury and electrolytes imbalance. Biomedicine and Pharmacotherapy, 2018, 107, 834-840.	2.5	75
9	Carnosine and Histidine Supplementation Blunt Lead-Induced Reproductive Toxicity through Antioxidative and Mitochondria-Dependent Mechanisms. Biological Trace Element Research, 2019, 187, 151-162.	1.9	72
10	Mechanism of valproic acidâ€induced Fanconi syndrome involves mitochondrial dysfunction and oxidative stress in rat kidney. Nephrology, 2018, 23, 351-361.	0.7	66
11	Mitochondria protection as a mechanism underlying the hepatoprotective effects of glycine in cholestatic mice. Biomedicine and Pharmacotherapy, 2018, 97, 1086-1095.	2.5	63
12	Sulfasalazine induces mitochondrial dysfunction and renal injury. Renal Failure, 2017, 39, 745-753.	0.8	62
13	Dual effects of sulfasalazine on rat sperm characteristics, spermatogenesis, and steroidogenesis in two experimental models. Toxicology Letters, 2018, 284, 46-55.	0.4	61
14	Mechanisms of the Statins Cytotoxicity in Freshly Isolated Rat Hepatocytes. Journal of Biochemical and Molecular Toxicology, 2013, 27, 287-294.	1.4	60
15	Ameliorative Effects of Taurine Against Methimazole-Induced Cytotoxicity in Isolated Rat Hepatocytes. Scientia Pharmaceutica, 2012, 80, 987-999.	0.7	57
16	Enhanced anti-ulcer effect of pioglitazone on gastric ulcers in cirrhotic rats: The role of nitric oxide and IL-1Î². Pharmacological Reports, 2013, 65, 134-143.	1.5	55
17	Effects of Enzyme Induction and/or Glutathione Depletion on Methimazole-Induced Hepatotoxicity in Mice and the Protective Role of N-Acetylcysteine. Advanced Pharmaceutical Bulletin, 2014, 4, 21-8.	0.6	55
18	Factors affecting drug-induced liver injury: antithyroid drugs as instances. Clinical and Molecular Hepatology, 2014, 20, 237.	4.5	54

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19	Taurine Treatment Provides Neuroprotection in a Mouse Model of Manganism. Biological Trace Element Research, 2019, 190, 384-395.	1.9	54
20	Role of renin-angiotensin system in liver diseases: an outline on the potential therapeutic points of intervention. Expert Review of Gastroenterology and Hepatology, 2016, 10, 1279-1288.	1.4	51
21	Preparation, characterization, and transfection efficiency of low molecular weight polyethylenimine-based nanoparticles for delivery of the plasmid encoding CD200 gene. International Journal of Nanomedicine, 2017, Volume 12, 5557-5569.	3.3	51
22	Cholestasis-associated reproductive toxicity in male and female rats: The fundamental role of mitochondrial impairment and oxidative stress. Toxicology Letters, 2019, 316, 60-72.	0.4	51
23	The mechanisms of arsenic-induced ovotoxicity, ultrastructural alterations, and autophagic related paths: An enduring developmental study in folliculogenesis of mice. Ecotoxicology and Environmental Safety, 2020, 204, 110973.	2.9	51
24	Cytoprotective Effects of Taurine Against Toxicity Induced by Isoniazid and Hydrazine in Isolated Rat Hepatocytes. Arhiv Za Higijenu Rada I Toksikologiju, 2013, 64, 201-210.	0.4	47
25	Hepatoprotective effect of boldine in a bile duct ligated rat model of cholestasis/cirrhosis. PharmaNutrition, 2017, 5, 109-117.	0.8	46
26	The Role and Study of Mitochondrial Impairment and Oxidative Stress in Cholestasis. Methods in Molecular Biology, 2019, 1981, 117-132.	0.4	46
27	Mechanisms of methimazole cytotoxicity in isolated rat hepatocytes. Drug and Chemical Toxicology, 2013, 36, 403-411.	1.2	45
28	Brain mitochondria as potential therapeutic targets for managing hepatic encephalopathy. Life Sciences, 2019, 218, 65-80.	2.0	45
29	Paradoxical effect of methimazole on liver mitochondria: In vitro and in vivo. Toxicology Letters, 2016, 259, 108-115.	0.4	44
30	Arsenic-induced autophagic alterations and mitochondrial impairments in HPG-S axis of mature male mice offspring (F1-generation): A persistent toxicity study. Toxicology Letters, 2020, 326, 83-98.	0.4	44
31	Carnosine protects brain mitochondria under hyperammonemic conditions: Relevance to hepatic encephalopathy treatment. PharmaNutrition, 2017, 5, 58-63.	0.8	43
32	Dithiothreitol supplementation mitigates hepatic and renal injury in bile duct ligated mice: Potential application in the treatment of cholestasis-associated complications. Biomedicine and Pharmacotherapy, 2018, 99, 1022-1032.	2.5	43
33	Taurine prevents mitochondrial membrane permeabilization and swelling upon interaction with manganese: Implication in the treatment of cirrhosisâ€associated central nervous system complications. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22216.	1.4	43
34	Carnosine ameliorates liver fibrosis and hyperammonemia in cirrhotic rats. Clinics and Research in Hepatology and Gastroenterology, 2017, 41, 424-434.	0.7	42
35	N-acetylcysteine treatment blunts liver failure-associated impairment of locomotor activity. PharmaNutrition, 2017, 5, 141-147.	0.8	42
36	Taurine supplementation abates cirrhosis-associated locomotor dysfunction. Clinical and Experimental Hepatology, 2018, 4, 72-82.	0.6	42

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37	Mitochondrial dysfunction as a mechanism involved in the pathogenesis of cirrhosis-associated cholemic nephropathy. Biomedicine and Pharmacotherapy, 2019, 109, 271-280.	2.5	42
38	The neuroprotective properties of carnosine in a mouse model of manganism is mediated via mitochondria regulating and antioxidative mechanisms. Nutritional Neuroscience, 2020, 23, 731-743.	1.5	41
39	Development and In Vivo Characterization of Probiotic Lysate-Treated Chitosan Nanogel as a Novel Biocompatible Formulation for Wound Healing. BioMed Research International, 2020, 2020, 1-9.	0.9	41
40	The footprints of mitochondrial impairment and cellular energy crisis in the pathogenesis of xenobiotics-induced nephrotoxicity, serum electrolytes imbalance, and Fanconiâ€™s syndrome: A comprehensive review. Toxicology, 2019, 423, 1-31.	2.0	40
41	Cyproterone acetate-loaded nanostructured lipid carriers: effect of particle size on skin penetration and follicular targeting. Pharmaceutical Development and Technology, 2019, 24, 812-823.	1.1	40
42	Sulfasalazine-induced renal and hepatic injury in rats and the protective role of taurine. BioImpacts, 2016, 6, 3-8.	0.7	40
43	Physicochemical and biological characteristics of the nanostructured polysaccharide-iron hydrogel produced by microorganismKlebsiella oxytoca. Journal of Basic Microbiology, 2017, 57, 132-140.	1.8	39
44	Proline supplementation mitigates the early stage of liver injury in bile duct ligated rats. Journal of Basic and Clinical Physiology and Pharmacology, 2018, 30, 91-101.	0.7	39
45	Sulfasalazine-induced renal injury in rats and the protective role of thiol-reductants. Renal Failure, 2016, 38, 137-141.	0.8	38
46	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
47	Mitochondria protecting amino acids: Application against a wide range of mitochondria-linked complications. PharmaNutrition, 2018, 6, 180-190.	0.8	37
48	Poly (ADP-Ribose) polymerase-1 (PARP-1) overactivity plays a pathogenic role in bile acids-induced nephrotoxicity in cholestatic rats. Toxicology Letters, 2020, 330, 144-158.	0.4	36
49	Carbonyl Traps as Potential Protective Agents against Methimazoleâ€Induced Liver Injury. Journal of Biochemical and Molecular Toxicology, 2015, 29, 173-181.	1.4	32
50	The inhibition of NFÐºB signaling and inflammatory response as a strategy for blunting bile acid-induced hepatic and renal toxicity. Toxicology Letters, 2021, 349, 12-29.	0.4	32
51	Mitigation of Methimazole-Induced Hepatic Injury by Taurine in Mice. Scientia Pharmaceutica, 2015, 83, 143-158.	0.7	31
52	Glycine supplementation mitigates lead-induced renal injury in mice . Journal of Experimental Pharmacology, 2019, Volume 11, 15-22.	1.5	31
53	Protective Role of Probiotic Supplements in Hepatic Steatosis: A Rat Model Study. BioMed Research International, 2020, 2020, 1-15.	0.9	31
54	Effect of Thiol-reducing Agents and Antioxidants on Sulfasalazine-induced Hepatic Injury in Normotermic Recirculating Isolated Perfused Rat Liver. Toxicological Research, 2016, 32, 133-140.	1.1	31

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55	Ellagic acid improves muscle dysfunction in cuprizone-induced demyelinated mice via mitochondrial Sirt3 regulation. Life Sciences, 2019, 237, 116954.	2.0	30
56	N-acetyl cysteine treatment mitigates biomarkers of oxidative stress in different tissues of bile duct ligated rats. Stress, 2021, 24, 213-228.	0.8	30
57	In vitro and in vivo assessment of EDTA-modified silica nano-spheres with supreme capacity of iron capture as a novel antidote agent. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 745-753.	1.7	28
58	Computational design of a chimeric epitope-based vaccine to protect against Staphylococcus aureus infections. Molecular and Cellular Probes, 2019, 46, 101414.	0.9	28
59	Taurine mitigates cirrhosis-associated heart injury through mitochondrial-dependent and antioxidative mechanisms. Clinical and Experimental Hepatology, 2020, 6, 207-219.	0.6	28
60	The activation of nuclear factor-E2-related factor 2 (Nrf2)/heme oxygenase-1 (HO-1) signaling blunts cholestasis-induced liver and kidney injury. Toxicology Research, 2021, 10, 911-927.	0.9	27
61	Taurine enhances skeletal muscle mitochondrial function in a rat model of resistance training. PharmaNutrition, 2019, 9, 100161.	0.8	26
62	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. Biological Trace Element Research, 2020, 195, 125-134.	1.9	26
63	Nose-to-brain delivery of sumatriptan-loaded nanostructured lipid carriers: preparation, optimization, characterization and pharmacokinetic evaluation. Journal of Pharmacy and Pharmacology, 2020, 72, 1341-1351.	1.2	25
64	Cytoprotective Effects of Organosulfur Compounds against Methimazole Induced Toxicity in Isolated Rat Hepatocytes. Advanced Pharmaceutical Bulletin, 2013, 3, 135-42.	0.6	25
65	in vitro- and in vivo Evaluation of Methotrexate-Loaded Hydrogel Nanoparticles Intended to Treat Primary CNS Lymphoma via Intranasal Administration. Journal of Pharmacy and Pharmaceutical Sciences, 2018, 21, 305-317.	0.9	24
66	Spermatotoxic Effects of Single-Walled and Multi-Walled Carbon Nanotubes on Male Mice. Frontiers in Veterinary Science, 2020, 7, 591558.	0.9	24
67	Chlorogenic acid supplementation improves skeletal muscle mitochondrial function in a rat model of resistance training. Biologia (Poland), 2020, 75, 1221-1230.	0.8	24
68	Apoptosis-inducing factor plays a role in the pathogenesis of hepatic and renal injury during cholestasis. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 1191-1203.	1.4	24
69	Intranasal insulin improves mitochondrial function and attenuates motor deficits in a rat 6â€OHDA model of Parkinson's disease. CNS Neuroscience and Therapeutics, 2021, 27, 308-319.	1.9	24
70	Potential of cell-penetrating peptides (CPPs) in delivery of antiviral therapeutics and vaccines. European Journal of Pharmaceutical Sciences, 2022, 169, 106094.	1.9	24
71	Nitric oxide releasing nanofibrous Fmoc-dipeptide hydrogels for amelioration of renal ischemia/reperfusion injury. Journal of Controlled Release, 2021, 337, 1-13.	4.8	23
72	The crucial role of oxidative stress in non-alcoholic fatty liver disease-induced male reproductive toxicity: the ameliorative effects of Iranian indigenous probiotics. Naunyn-Schmiedeberg's Archives of Pharmacology, 2022, 395, 247-265.	1.4	23

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73	The Role of Mitochondrial Impairment and Oxidative Stress in the Pathogenesis of Lithium-Induced Reproductive Toxicity in Male Mice. Frontiers in Veterinary Science, 2021, 8, 603262.	0.9	22
74	The potential role of mitochondrial impairment in the pathogenesis of imatinib-induced renal injury. Heliyon, 2019, 5, e01996.	1.4	21
75	Oral administration of thiol-reducing agents mitigates gut barrier disintegrity and bacterial lipopolysaccharide translocation in a rat model of biliary obstruction. Current Research in Pharmacology and Drug Discovery, 2020, 1, 10-18.	1.7	21
76	EDTA-modified mesoporous silica as supra adsorbent of copper ions with novel approach as an antidote agent in copper toxicity . International Journal of Nanomedicine, 2019, Volume 14, 7781-7792.	3.3	20
77	Betaine supplementation mitigates intestinal damage and decreases serum bacterial endotoxin in cirrhotic rats. PharmaNutrition, 2020, 12, 100179.	0.8	20
78	An in vivo and in vitro investigation on hepatoprotective effects of Pimpinella anisum seed essential oil and extracts against carbon tetrachloride-induced toxicity. Iranian Journal of Basic Medical Sciences, 2015, 18, 205-11.	1.0	20
79	The Nephroprotective Role of Carnosine Against Ifosfamide-Induced Renal Injury and Electrolytes Imbalance is Mediated Via the Regulation of Mitochondrial Function and Alleviation of Oxidative Stress. Drug Research, 2020, 70, 49-56.	0.7	19
80	Agmatine alleviates hepatic and renal injury in a rat model of obstructive jaundice. PharmaNutrition, 2020, 13, 100212.	0.8	19
81	Taurine mitigates bile duct obstruction-associated cholemic nephropathy: effect on oxidative stress and mitochondrial parameters. Clinical and Experimental Hepatology, 2021, 7, 30-40.	0.6	19
82	Boldine Supplementation Regulates Mitochondrial Function and Oxidative Stress in a Rat Model of Hepatotoxicity. Pharmaceutical Sciences, 2019, 25, 1-10.	0.1	19
83	Ammonia-induced mitochondrial impairment is intensified by manganese co-exposure: relevance to the management of subclinical hepatic encephalopathy and cirrhosis-associated brain injury. Clinical and Experimental Hepatology, 2019, 5, 109-117.	0.6	18
84	In Vitro and In Vivo Evidence on the Role of Mitochondrial Impairment as a Mechanism of Lithium-Induced Nephrotoxicity. Biological Trace Element Research, 2021, 199, 1908-1918.	1.9	18
85	A Novel Effective Formulation of Bioactive Compounds for Wound Healing: Preparation, In Vivo Characterization, and Comparison of Various Postbiotics Cold Creams in a Rat Model. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-13.	0.5	18
86	N-acetyl cysteine treatment preserves mitochondrial indices of functionality in the brain of hyperammonemic mice. Clinical and Experimental Hepatology, 2020, 6, 106-115.	0.6	17
87	In vitro and in vivo Evaluation of Succinic Acid-Substituted Mesoporous Silica for Ammonia Adsorption: Potential Application in the Management of Hepatic Encephalopathy . International Journal of Nanomedicine, 2020, Volume 15, 10085-10098.	3.3	17
88	Metformin alleviates cholestasis-associated nephropathy through regulating oxidative stress and mitochondrial function. Liver Research, 2021, 5, 171-180.	0.5	16
89	Preparation and evaluation of niosomal chitosan-based in situ gel formulation for direct nose-to-brain methotrexate delivery. International Journal of Biological Macromolecules, 2022, 213, 1115-1126.	3.6	16
90	The effect of ellagic acid on spinal cord and sciatica function in a mice model of multiple sclerosis. Journal of Biochemical and Molecular Toxicology, 2020, 34, e22564.	1.4	15

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91	Betaine alleviates cholestasis-associated renal injury by mitigating oxidative stress and enhancing mitochondrial function. Biologia (Poland), 2021, 76, 351-365.	0.8	15
92	Hierarchical mesoporous zinc-imidazole dicarboxylic acid MOFs: Surfactant-directed synthesis, pH-responsive degradation, and drug delivery. International Journal of Pharmaceutics, 2021, 602, 120685.	2.6	15
93	Propylthiouracil-Induced Liver Injury in Mice and the Protective Role of Taurine. Pharmaceutical Sciences, 2015, 21, 94-101.	0.8	14
94	Saturated fatty acids may ameliorate environmental heat stress in broiler birds by affecting mitochondrial energetics and related genes. Journal of Thermal Biology, 2018, 78, 1-9.	1.1	13
95	Mitigation of cholestasis-associated hepatic and renal injury by edaravone treatment: Evaluation of its effects on oxidative stress and mitochondrial function. Liver Research, 2020, , .	0.5	13
96	Suppression of cirrhosis-related renal injury by N-acetyl cysteine. Current Research in Pharmacology and Drug Discovery, 2020, 1, 30-38.	1.7	13
97	Concurrent Inflammation Augments Antimalarial Drugs-Induced Liver Injury in Rats. Advanced Pharmaceutical Bulletin, 2016, 6, 617-625.	0.6	13
98	Antimalarial Drugs-Induced Hepatic Injury in Rats and the Protective Role of Carnosine. Pharmaceutical Sciences, 2016, 22, 170-180.	0.1	13
99	Effect of alumina (Al2O3) nanoparticles and macroparticles on Trigonella foenum-graceum L. in vitro cultures: assessment of growth parameters and oxidative stress-related responses. 3 Biotech, 2019, 9, 419.	1.1	12
100	Enterobacter sp. Mediated Synthesis of Biocompatible Nanostructured Iron-Polysaccharide Complexes: a Nutritional Supplement for Iron-Deficiency Anemia. Biological Trace Element Research, 2020, 198, 744-755.	1.9	12
101	Silymarin mitigates bile duct obstruction-induced cholemic nephropathy. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 1301-1314.	1.4	12
102	Effect ofEisenia foetidaExtract against Cisplatin-Induced Kidney Injury in Rats. Journal of Dietary Supplements, 2016, 13, 551-559.	1.4	11
103	Curcumin Supplementation Alleviates Polymyxin E-Induced Nephrotoxicity . Journal of Experimental Pharmacology, 2020, Volume 12, 129-136.	1.5	11
104	Sulfasalazine-Induced Hepatic Injury in an Ex Vivo Model of Isolated Perfused Rat Liver and the Protective Role of Taurine. Pharmaceutical Sciences, 2015, 21, 211-219.	0.8	11
105	Association of open field behavior with blood and semen characteristics in roosters: an alternative animal model. Revista Internacional De AndrologÃa, 2018, 16, 50-58.	0.1	10
106	The effect of silymarin on liver enzymes and antioxidant status in trauma patients in the intensive care unit: a randomized double blinded placebo-controlled clinical trial. Clinical and Experimental Hepatology, 2021, 7, 149-155.	0.6	10
107	Disturbed mitochondrial redox state and tissue energy charge in cholestasis. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22846.	1.4	10
108	The Postulated Hepatotoxic Metabolite of Methimazole Causes Mitochondrial Dysfunction and Energy Metabolism Disturbances in Liver. Pharmaceutical Sciences, 2016, 22, 217-226.	0.1	10

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109	Propylthiouracil-induced mitochondrial dysfunction in liver and its relevance to drug-induced hepatotoxicity. Pharmaceutical Sciences, 2017, 23, 95-102.	0.1	10
110	Manganese-Induced Nephrotoxicity Is Mediated through Oxidative Stress and Mitochondrial Impairment. Journal of Renal and Hepatic Disorders, 2020, 4, 1-10.	0.1	10
111	Production and Preliminary In Vivo Evaluations of a Novel in silico-designed L2-based Potential HPV Vaccine. Current Pharmaceutical Biotechnology, 2020, 21, 316-324.	0.9	10
112	Carnosine Mitigates Manganese Mitotoxicity in an In Vitro Model of Isolated Brain Mitochondria. Advanced Pharmaceutical Bulletin, 2019, 9, 294-301.	0.6	9
113	Effects of some cosmetic dyes and pigments on the proliferation of human foreskin fibroblasts and cellular oxidative stress; potential cytotoxicity of chlorophyllin and indigo carmine on fibroblasts. Journal of Cosmetic Dermatology, 2022, 21, 3979-3985.	0.8	9
114	The Potential Neuroprotective Role of Citicoline in Hepatic Encephalopathy . Journal of Experimental Pharmacology, 2020, Volume 12, 517-527.	1.5	8
115	Brain targeted delivery of sumatriptan succinate loaded chitosan nanoparticles: Preparation, In vitro characterization, and (Neuro-)pharmacokinetic evaluations. Journal of Drug Delivery Science and Technology, 2021, 61, 102179.	1.4	8
116	Mitochondrial dysfunction and oxidative stress are involved in the mechanism of tramadol-induced renal injury. Current Research in Pharmacology and Drug Discovery, 2021, 2, 100049.	1.7	8
117	Drugâ€induced organ injury in coronavirus disease 2019 pharmacotherapy: Mechanisms and challenges in differential diagnosis and potential protective strategies. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22795.	1.4	8
118	Bacteria-assisted biogreen synthesis of radical scavenging exopolysaccharideâ€“iron complexes: an oral nano-sized nutritional supplement with high in vivo compatibility. Journal of Materials Chemistry B, 2019, 7, 5211-5221.	2.9	7
119	Exacerbated liver injury of antithyroid drugs in endotoxin-treated mice. Drug and Chemical Toxicology, 2019, 42, 615-623.	1.2	7
120	Pentoxifylline mitigates cholestasis-related cholemic nephropathy. Clinical and Experimental Hepatology, 2021, 7, 377-389.	0.6	7
121	Short chain fatty acids may improve hepatic mitochondrial energy efficiency in heat stressed-broilers. Journal of Thermal Biology, 2020, 89, 102520.	1.1	6
122	Betaine, heavy metal protection, oxidative stress, and the liver. , 2021, , 387-395.		6
123	Novel self-assembled nanogels of PEG-grafted poly HPMA with bis(Î±-cyclodextrin) containing disulfide linkage: synthesis, bio-disintegration, and in vivo biocompatibility. New Journal of Chemistry, 2022, 46, 9931-9943.	1.4	6
124	Cytoprotective effects of silafibrate, a newly-synthesised siliconated derivative of clofibrate, against acetaminophen-induced toxicity in isolated rat hepatocytes. Arhiv Za Higijenu Rada I Toksikologiju, 2014, 65, 169-178.	0.4	5
125	Amino acids ameliorate heavy metals-induced oxidative stress in male/female reproductive tissue. , 2021, , 371-386.		5
126	Amino Acid-Containing Krebs-Henseleit Buffer Protects Rat Liver in a Long-Term Organ Perfusion Model. Pharmaceutical Sciences, 2018, 24, 168-179.	0.1	5

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127	Cytoprotective Properties of Carnosine against Isoniazid-Induced Toxicity in Primary Cultured Rat Hepatocytes. Pharmaceutical Sciences, 2018, 24, 257-263.	0.1	5
128	Carnosine Mitigates Biomarkers of Oxidative Stress, Improves Mitochondrial Function, and Alleviates Histopathological Alterations in the Renal Tissue of Cholestatic Rats. Pharmaceutical Sciences, 2020, 27, 32-45.	0.1	5
129	Cell-penetrating peptide-mediated delivery of therapeutic peptides/proteins to manage the diseases involving oxidative stress, inflammatory response and apoptosis. Journal of Pharmacy and Pharmacology, 2022, 74, 1085-1116.	1.2	5
130	Effects of cimetidine and N-acetylcysteine on paraquat-induced acute lung injury in rats: a preliminary study. Toxicological and Environmental Chemistry, 2018, 100, 785-793.	0.6	4
131	Antidotal effect of dihydroxyacetone against phosphine poisoning in mice. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22897.	1.4	4
132	Evaluating graphene oxide and gold nanocomposites (GO@AuNPs) as adsorbents for preconcentration of tetramethyl thiuram disulfide(thiram) from natural waters and as thiram antidotes for in vivo application. International Journal of Environmental Analytical Chemistry, 2021, 101, 794-809.	1.8	3
133	Mitochondria as biosynthetic centers and targeted therapeutics. , 2021, , 19-47.		3
134	Anti-Inflammatory Activity and Quality Control of Erysimum cheiri (L.) Crantz. BioMed Research International, 2021, 2021, 1-12.	0.9	3
135	Application of FeOOH Nano-Ellipsoids as a Novel Nano-Based Iron Supplement: an In Vivo Study. Biological Trace Element Research, 2022, 200, 2174-2182.	1.9	3
136	Production and immunological evaluation of epitope-based preventative pneumococcal candidate vaccine comprising immunodominant epitopes from PspA, CbpA, PhtD and PiuA antigens. Current Pharmaceutical Biotechnology, 2020, 22, 1900-1909.	0.9	2