

# Mona Navaei-Nigjeh

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

1,266  
citations

304743

22  
h-index

377865

34  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1816  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Evidence on the Inhibitory Potential of Metformin against Chlorpyrifos-Induced Neurotoxicity. <i>Toxics</i> , 2022, 10, 197.	3.7	4
2	PVA based nanofiber containing CQDs modified with silica NPs and silk fibroin accelerates wound healing in a rat model. <i>Journal of Materials Chemistry B</i> , 2021, 9, 658-676.	5.8	52
3	Ameliorating quercetin constraints in cancer therapy with pH-responsive agarose-polyvinylpyrrolidone-hydroxyapatite nanocomposite encapsulated in double nanoemulsion. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 11-25.	7.5	70
4	Short-term Effects of Metformin on Cardiac and Peripheral Blood Cells Following Cecal Ligation and Puncture-induced Sepsis. <i>Drug Research</i> , 2021, 71, 257-264.	1.7	1
5	Impact of Acrylamide on Cellular Senescence Response and Cell Cycle Distribution via an In-vitro Study. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 165-177.	0.5	1
6	Cerium and Yttrium Oxide Nanoparticles and Nano-selenium Produce Protective Effects Against H <sub>2</sub> O <sub>2</sub> -induced Oxidative Stress in Pancreatic Beta Cells by Modulating Mitochondrial Dysfunction. <i>Pharmaceutical Nanotechnology</i> , 2020, 8, 63-75.	1.5	11
7	Antibacterial properties of a bacterial cellulose CQD-TiO <sub>2</sub> nanocomposite. <i>Carbohydrate Polymers</i> , 2020, 234, 115835.	10.2	99
8	Assessment of arsenic-induced modifications in the DNA methylation of insulin-related genes in rat pancreatic islets. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110802.	6.0	20
9	Estrogens counteract tributyltin-induced toxicity in the rat islets of Langerhans. <i>Heliyon</i> , 2020, 6, e03562.	3.2	9
10	Metformin Attenuates Brain Injury by Inhibiting Inflammation and Regulating Tight Junction Proteins in Septic Rats. <i>Cell Journal</i> , 2020, 22, 29-37.	0.2	12
11	Multi-organ Toxicity Attenuation by Cerium Oxide and Yttrium Oxide Nanoparticles: Comparing the Beneficial Effects on Tissues Oxidative Damage Induced by Sub-acute Exposure to Diazinon. <i>Pharmaceutical Nanotechnology</i> , 2020, 8, 225-238.	1.5	1
12	Curcumin-loaded Chitosan-Agarose-Montmorillonite Hydrogel Nanocomposite for the Treatment of Breast Cancer. , 2020, , .		13
13	Î±-Lipoic acid prevents senescence, cell cycle arrest, and inflammatory cues in fibroblasts by inhibiting oxidative stress. <i>Pharmacological Research</i> , 2019, 141, 214-223.	7.1	33
14	Molecular and biochemical evidence on the protective role of ellagic acid and silybin against oxidative stress-induced cellular aging. <i>Molecular and Cellular Biochemistry</i> , 2018, 441, 21-33.	3.1	25
15	Reduction of marginal mass required for successful islet transplantation in a diabetic rat model using adipose tissue-derived mesenchymal stromal cells. <i>Cytotherapy</i> , 2018, 20, 1124-1142.	0.7	16
16	Molecular and biochemical evidence on the role of zearalenone in rat polycystic ovary. <i>Toxicon</i> , 2018, 154, 7-14.	1.6	18
17	Bio-guided fractionation and isolation of active component from <i>Tragopogon graminifolius</i> based on its wound healing property. <i>Journal of Ethnopharmacology</i> , 2018, 226, 48-55.	4.1	14
18	Molecular and Biochemical Evidences for Beneficial Effects of Zinc Oxide Nanoparticles in Modulation of Chlorpyrifos Toxicity in Human Lymphocytes. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 927-939.	0.5	7

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19	Protective effects of cerium oxide and yttrium oxide nanoparticles on reduction of oxidative stress induced by sub-acute exposure to diazinon in the rat pancreas. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 41, 79-90.	3.0	59
20	Environmental toxicants, incidence of degenerative diseases, and therapies from the epigenetic point of view. <i>Archives of Toxicology</i> , 2017, 91, 2577-2597.	4.2	42
21	Peptide functionalized poly ethylene glycol-poly caprolactone nanomicelles for specific cabazitaxel delivery to metastatic breast cancer cells. <i>Materials Science and Engineering C</i> , 2017, 80, 301-312.	7.3	29
22	Molecular evidence on the protective effect of ellagic acid on phosalone-induced senescence in rat embryonic fibroblast cells. <i>Food and Chemical Toxicology</i> , 2017, 100, 8-23.	3.6	44
23	Molecular mechanisms of action of styrene toxicity in blood plasma and liver. <i>Environmental Toxicology</i> , 2017, 32, 2256-2266.	4.0	17
24	Effect of styrene exposure on plasma parameters, molecular mechanisms and gene expression in rat model islet cells. <i>Environmental Toxicology and Pharmacology</i> , 2017, 54, 62-73.	4.0	30
25	Controlled surface morphology and hydrophilicity of polycaprolactone toward human retinal pigment epithelium cells. <i>Materials Science and Engineering C</i> , 2017, 73, 300-309.	7.3	38
26	Blockage of both the extrinsic and intrinsic pathways of diazinon-induced apoptosis in PaTu cells by magnesium oxide and selenium nanoparticles. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 6239-6250.	6.7	26
27	Effects of methyl mercury on the activity and gene expression of mouse Langerhans islets and glucose metabolism. <i>Food and Chemical Toxicology</i> , 2016, 93, 119-128.	3.6	34
28	A mechanistic approach for modulation of chlorpyrifos-induced toxicity in human lymphocytes by melatonin, coenzyme Q <sub>10</sub> , and vinpocetine. <i>Human and Experimental Toxicology</i> , 2016, 35, 839-850.	2.2	8
29	Reduction of chlorpyrifos-induced toxicity in human lymphocytes by selected phosphodiesterase inhibitors. <i>Pesticide Biochemistry and Physiology</i> , 2016, 128, 57-62.	3.6	10
30	Protective Effect of Selenium-Based Medicines on Toxicity of Three Common Organophosphorus Compounds in Human Erythrocytes In Vitro. <i>Cell Journal</i> , 2016, 17, 740-747.	0.2	14
31	Biochemical and histopathological evidence on the beneficial effects of <i>Tragopogon graminifolius</i> in TNBS-induced colitis. <i>Pharmaceutical Biology</i> , 2015, 53, 429-436.	2.9	20
32	Multiple protective mechanisms of alpha-lipoic acid in oxidation, apoptosis and inflammation against hydrogen peroxide induced toxicity in human lymphocytes. <i>Molecular and Cellular Biochemistry</i> , 2015, 403, 179-186.	3.1	32
33	Molecular and biochemical evidences on the protective effects of triiodothyronine against phosphine-induced cardiac and mitochondrial toxicity. <i>Life Sciences</i> , 2015, 139, 30-39.	4.3	40
34	Assessment of benzene induced oxidative impairment in rat isolated pancreatic islets and effect on insulin secretion. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 1161-1169.	4.0	29
35	Electrophysiological and molecular mechanisms of protection by iron sucrose against phosphine-induced cardiotoxicity: a time course study. <i>Toxicology Mechanisms and Methods</i> , 2015, 25, 249-257.	2.7	18
36	Biochemical and molecular evidences on the protection by magnesium oxide nanoparticles of chlorpyrifos-induced apoptosis in human lymphocytes. <i>Journal of Research in Medical Sciences</i> , 2015, 20, 1021.	0.9	20

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37	In vitro protection of human lymphocytes from toxic effects of chlorpyrifos by selenium-enriched medicines. Iranian Journal of Basic Medical Sciences, 2015, 18, 284-91.	1.0	10
38	On The Protection by The Combination of CeO <sub>2</sub> Nanoparticles and Sodium Selenite on Human Lymphocytes against Chlorpyrifos-Induced Apoptosis In Vitro. Cell Journal, 2015, 17, 361-71.	0.2	11
39	Beneficial effect of butyrate, <i>Lactobacillus casei</i> and L-carnitine combination in preference to each in experimental colitis. World Journal of Gastroenterology, 2014, 20, 10876.	3.3	23
40	Zinc Oxide Nanoparticles Reduce Apoptosis and Oxidative Stress Values in Isolated Rat Pancreatic Islets. Biological Trace Element Research, 2014, 162, 262-269.	3.5	31
41	Enhancing neuronal growth from human endometrial stem cells derived neuron-like cells in three-dimensional fibrin gel for nerve tissue engineering. Journal of Biomedical Materials Research - Part A, 2014, 102, 2533-2543.	4.0	46
42	Improvement in The Function of Isolated Rat Pancreatic Islets through Reduction of Oxidative Stress Using Traditional Iranian Medicine. Cell Journal, 2014, 16, 147-163.	0.2	24
43	Three-dimensional culture of differentiated endometrial stromal cells to oligodendrocyte progenitor cells (OPCs) in fibrin hydrogel. Cell Biology International, 2013, 37, 1340-1349.	3.0	52
44	Antiapoptotic effects of cerium oxide and yttrium oxide nanoparticles in isolated rat pancreatic islets. Human and Experimental Toxicology, 2013, 32, 544-553.	2.2	70
45	Improvement of isolated rat pancreatic islets function by combination of cerium oxide nanoparticles/sodium selenite through reduction of oxidative stress. Toxicology Mechanisms and Methods, 2012, 22, 476-482.	2.7	60
46	On the Benefit of Pure Glycyrrhizic Acid on the Function and Metabolic Activity of Isolated Pancreatic Langerhans Islets in vitro. Asian Journal of Animal and Veterinary Advances, 2012, 7, 1212-1218.	0.0	4
47	Multi-organ Protective Effects of Cerium Oxide Nanoparticle/Selenium in Diabetic Rats: Evidence for More Efficiency of Nanocerium in Comparison to Metal Form of Cerium. Asian Journal of Animal and Veterinary Advances, 2012, 7, 605-612.	0.0	19