

# Mona Navaei-Nigjeh

## List of Publications by Year in descending order

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47  
papers

1,266  
citations

304368

22  
h-index

377514

34  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1816  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial properties of a bacterial cellulose CQD-TiO <sub>2</sub> nanocomposite. <i>Carbohydrate Polymers</i> , 2020, 234, 115835.	5.1	99
2	Antiapoptotic effects of cerium oxide and yttrium oxide nanoparticles in isolated rat pancreatic islets. <i>Human and Experimental Toxicology</i> , 2013, 32, 544-553.	1.1	70
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.	3.6	70
4	Improvement of isolated rat pancreatic islets function by combination of cerium oxide nanoparticles/sodium selenite through reduction of oxidative stress. <i>Toxicology Mechanisms and Methods</i> , 2012, 22, 476-482.	1.3	60
5	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.	1.5	59
6	Three-dimensional culture of differentiated endometrial stromal cells to oligodendrocyte progenitor cells (OPCs) in fibrin hydrogel. <i>Cell Biology International</i> , 2013, 37, 1340-1349.	1.4	52
7	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.	2.9	52
8	Enhancing neuronal growth from human endometrial stem cells derived neuron-like cells in three-dimensional fibrin gel for nerve tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 2533-2543.	2.1	46
9	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.	1.8	44
10	Environmental toxicants, incidence of degenerative diseases, and therapies from the epigenetic point of view. <i>Archives of Toxicology</i> , 2017, 91, 2577-2597.	1.9	42
11	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.	2.0	40
12	Controlled surface morphology and hydrophilicity of polycaprolactone toward human retinal pigment epithelium cells. <i>Materials Science and Engineering C</i> , 2017, 73, 300-309.	3.8	38
13	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.	1.8	34
14	α-Lipoic acid prevents senescence, cell cycle arrest, and inflammatory cues in fibroblasts by inhibiting oxidative stress. <i>Pharmacological Research</i> , 2019, 141, 214-223.	3.1	33
15	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.	1.4	32
16	Zinc Oxide Nanoparticles Reduce Apoptosis and Oxidative Stress Values in Isolated Rat Pancreatic Islets. <i>Biological Trace Element Research</i> , 2014, 162, 262-269.	1.9	31
17	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.	2.0	30
18	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.	2.0	29

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19	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.	3.8	29
20	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.	3.3	26
21	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.	1.4	25
22	Improvement in The Function of Isolated Rat Pancreatic Islets through Reduction of Oxidative Stress Using Traditional Iranian Medicine. <i>Cell Journal</i> , 2014, 16, 147-163.	0.2	24
23	Beneficial effect of butyrate, <i>Lactobacillus casei</i> and L-carnitine combination in preference to each in experimental colitis. <i>World Journal of Gastroenterology</i> , 2014, 20, 10876.	1.4	23
24	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.	1.3	20
25	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.	2.9	20
26	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.	0.4	20
27	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. <i>Asian Journal of Animal and Veterinary Advances</i> , 2012, 7, 605-612.	0.3	19
28	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.	1.3	18
29	Molecular and biochemical evidence on the role of zearalenone in rat polycystic ovary. <i>Toxicol</i> , 2018, 154, 7-14.	0.8	18
30	Molecular mechanisms of action of styrene toxicity in blood plasma and liver. <i>Environmental Toxicology</i> , 2017, 32, 2256-2266.	2.1	17
31	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.	0.3	16
32	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.	2.0	14
33	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
34	Curcumin-loaded Chitosan-Agarose-Montmorillonite Hydrogel Nanocomposite for the Treatment of Breast Cancer. , 2020, , .		13
35	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
36	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.	0.6	11

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37	On The Protection by The Combination of CeO <sub>2</sub> Nanoparticles and Sodium Selenite on Human Lymphocytes against Chlorpyrifos-Induced Apoptosis In Vitro. <i>Cell Journal</i> , 2015, 17, 361-71.	0.2	11
38	Reduction of chlorpyrifos-induced toxicity in human lymphocytes by selected phosphodiesterase inhibitors. <i>Pesticide Biochemistry and Physiology</i> , 2016, 128, 57-62.	1.6	10
39	In vitro protection of human lymphocytes from toxic effects of chlorpyrifos by selenium-enriched medicines. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 284-91.	1.0	10
40	Estrogens counteract tributyltin-induced toxicity in the rat islets of Langerhans. <i>Heliyon</i> , 2020, 6, e03562.	1.4	9
41	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.	1.1	8
42	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.	0.3	7
43	On the Benefit of Pure Glycyrrhizic Acid on the Function and Metabolic Activity of Isolated Pancreatic Langerhans Islets in vitro. <i>Asian Journal of Animal and Veterinary Advances</i> , 2012, 7, 1212-1218.	0.3	4
44	Molecular Evidence on the Inhibitory Potential of Metformin against Chlorpyrifos-Induced Neurotoxicity. <i>Toxics</i> , 2022, 10, 197.	1.6	4
45	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.	0.7	1
46	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.	0.6	1
47	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.	0.3	1