

# Asieh Hosseini

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,336  
citations

393982

19  
h-index

377514

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2358  
citing authors

#	ARTICLE	IF	CITATIONS
1	Necrotic, apoptotic and autophagic cell fates triggered by nanoparticles. <i>Autophagy</i> , 2019, 15, 4-33.	4.3	266
2	Diabetic Neuropathy and Oxidative Stress: Therapeutic Perspectives. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-15.	1.9	148
3	Biochemical and cellular evidence of the benefit of a combination of cerium oxide nanoparticles and selenium to diabetic rats. <i>World Journal of Diabetes</i> , 2011, 2, 204.	1.3	95
4	Chemotherapy: a double-edged sword in cancer treatment. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 507-526.	2.0	91
5	Cerium and Yttrium Oxide Nanoparticles Against Lead-Induced Oxidative Stress and Apoptosis in Rat Hippocampus. <i>Biological Trace Element Research</i> , 2015, 164, 80-89.	1.9	65
6	Neuro-protective effects of cerium and yttrium oxide nanoparticles on high glucose-induced oxidative stress and apoptosis in undifferentiated PC12 cells. <i>Neurological Research</i> , 2015, 37, 624-632.	0.6	61
7	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
8	Neuroprotective effect of cerium oxide nanoparticles in a rat model of experimental diabetic neuropathy. <i>Brain Research Bulletin</i> , 2017, 131, 117-122.	1.4	48
9	Alpha-lipoic acid and coenzyme Q10 combination ameliorates experimental diabetic neuropathy by modulating oxidative stress and apoptosis. <i>Life Sciences</i> , 2019, 216, 101-110.	2.0	46
10	Prevention of malathion-induced depletion of cardiac cells mitochondrial energy and free radical damage by a magnetic magnesium-carrying nanoparticle. <i>Toxicology Mechanisms and Methods</i> , 2010, 20, 538-543.	1.3	41
11	Benefit of magnesium-25 carrying porphyrin-fullerene nanoparticles in experimental diabetic neuropathy. <i>International Journal of Nanomedicine</i> , 2010, 5, 517.	3.3	38
12	On the benefit of magnetic magnesium nanocarrier in cardiovascular toxicity of aluminum phosphide. <i>Toxicology and Industrial Health</i> , 2013, 29, 126-135.	0.6	35
13	Protective effects of alpha lipoic acid on high glucose-induced neurotoxicity in PC12 cells. <i>Metabolic Brain Disease</i> , 2015, 30, 731-738.	1.4	31
14	Protective Effect of Magnesium-25 Carrying Porphyrin-Fullerene Nanoparticles on Degeneration of Dorsal Root Ganglion Neurons and Motor Function in Experimental Diabetic Neuropathy. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011, 109, 381-386.	1.2	29
15	Evaluation of the protective effects of curcumin and nanocurcumin against lung injury induced by sub-acute exposure to paraquat in rats. <i>Toxin Reviews</i> , 2021, 40, 1233-1241.	1.5	28
16	Probiotics use to treat irritable bowel syndrome. <i>Expert Opinion on Biological Therapy</i> , 2012, 12, 1323-1334.	1.4	27
17	Evaluation of the hepatoprotective effects of curcumin and nanocurcumin against paraquat-induced liver injury in rats: Modulation of oxidative stress and Nrf2 pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22739.	1.4	27
18	The quantitative evaluation of cholinergic markers in spatial memory improvement induced by nicotine and bucladesine combination in rats. <i>European Journal of Pharmacology</i> , 2010, 636, 102-107.	1.7	26

#	ARTICLE	IF	CITATIONS
19	Sildenafil protective effects on high glucose-induced neurotoxicity in PC12 cells: the role of oxidative stress, apoptosis, and inflammation pathways in an <i>in vitro</i> cellular model for diabetic neuropathy. <i>Neurological Research</i> , 2018, 40, 1-13.	0.6	20
20	The Effect of Green Tea Extract on Oxidative Stress and Spatial Learning in Streptozotocin-diabetic Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 201-209.	0.3	20
21	It is Time to Formulate an Antioxidant Mixture for Management of Diabetes and its Complications: Notice for Pharmaceutical Industries. <i>International Journal of Pharmacology</i> , 2011, 8, 60-61.	0.1	19
22	Editorial Are probiotics effective in management of irritable bowel syndrome?. <i>Archives of Medical Science</i> , 2012, 3, 403-405.	0.4	17
23	Phosphodiesterase 4 and 7 inhibitors produce protective effects against high glucose-induced neurotoxicity in PC12 cells via modulation of the oxidative stress, apoptosis and inflammation pathways. <i>Metabolic Brain Disease</i> , 2018, 33, 1293-1306.	1.4	15
24	Insights Into Parkin-Mediated Mitophagy in Alzheimer's Disease: A Systematic Review. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 674071.	1.7	15
25	Evaluation of Protective Effects of Curcumin and Nanocurcumin on Aluminium Phosphide-Induced Subacute Lung Injury in Rats: Modulation of Oxidative Stress through SIRT1/FOXO3 Signalling Pathway. <i>Drug Research</i> , 2022, 72, 100-108.	0.7	13
26	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
27	Effects of Securigera Securidaca seed extract in combination with glibenclamide on antioxidant capacity, fibroblast growth factor 21 and insulin resistance in hyperglycemic rats. <i>Journal of Ethnopharmacology</i> , 2020, 248, 112331.	2.0	10
28	Application of polysaccharide biopolymers as natural adsorbent in sample preparation. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 2626-2653.	5.4	8
29	Through a mechanism-based approach, nanoparticles of cerium and yttrium may improve the outcome of pancreatic islet isolation. <i>Journal of Medical Hypotheses and Ideas</i> , 2012, 6, 4-6.	0.7	6
30	Nitrosative DNA damage after sub-chronic exposure to silver nanoparticle induces stress nephrotoxicity in rat kidney. <i>Toxin Reviews</i> , 2018, 37, 327-333.	1.5	6
31	Antioxidants as an Appropriate Approach to Improve the Outcome of Pancreatic Islet Isolation: Evidences from Animal Studies. <i>Asian Journal of Animal and Veterinary Advances</i> , 2012, 7, 540-541.	0.3	6
32	Cytotoxic, necrotic, apoptotic, and autophagic properties of venom sac extract of <i>Vespa orientalis</i> in T47D and MCF10A breast cell lines. <i>Toxin Reviews</i> , 2023, 42, 7-17.	1.5	3
33	LncRNA-miRNA-mRNA Networks of Gastrointestinal Cancers Representing Common and Specific LncRNAs and mRNAs. <i>Frontiers in Genetics</i> , 2021, 12, 791919.	1.1	2
34	How Much Chronic Exposure to Aluminum and its Toxicity Should be Concerned in Current Human Life?. <i>International Journal of Pharmacology</i> , 2011, 7, 675-676.	0.1	0
35	Barium- and Bismuth-loaded Clinoptilolite Micro- and Nano-Particles as Proposed New Efficient Contrast Agents. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2020, 23, 191-195.	0.6	0