

# Asieh Hosseini

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34  
papers

880  
citations

17  
h-index

29  
g-index

37  
ext. papers

1,075  
ext. citations

3.9  
avg, IF

4.21  
L-index

| #  | Paper                                                                                                                                                                                                                                                                 | IF   | Citations |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 34 | Necrotic, apoptotic and autophagic cell fates triggered by nanoparticles. <i>Autophagy</i> , <b>2019</b> , 15, 4-33                                                                                                                                                   | 10.2 | 150       |
| 33 | Diabetic neuropathy and oxidative stress: therapeutic perspectives. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2013</b> , 2013, 168039                                                                                                                     | 6.7  | 110       |
| 32 | 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> , <b>2011</b> , 2, 204-10                                                                             | 4.7  | 83        |
| 31 | 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> , <b>2012</b> , 22, 476-82                                        | 3.6  | 55        |
| 30 | Cerium and yttrium oxide nanoparticles against lead-induced oxidative stress and apoptosis in rat hippocampus. <i>Biological Trace Element Research</i> , <b>2015</b> , 164, 80-9                                                                                     | 4.5  | 52        |
| 29 | 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> , <b>2015</b> , 37, 624-32                                                     | 2.7  | 48        |
| 28 | 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> , <b>2010</b> , 20, 538-43                                            | 3.6  | 36        |
| 27 | Neuroprotective effect of cerium oxide nanoparticles in a rat model of experimental diabetic neuropathy. <i>Brain Research Bulletin</i> , <b>2017</b> , 131, 117-122                                                                                                  | 3.9  | 34        |
| 26 | Benefit of magnesium-25 carrying porphyrin-fullerene nanoparticles in experimental diabetic neuropathy. <i>International Journal of Nanomedicine</i> , <b>2010</b> , 5, 517-23                                                                                        | 7.3  | 34        |
| 25 | On the benefit of magnetic magnesium nanocarrier in cardiovascular toxicity of aluminum phosphide. <i>Toxicology and Industrial Health</i> , <b>2013</b> , 29, 126-35                                                                                                 | 1.8  | 26        |
| 24 | The quantitative evaluation of cholinergic markers in spatial memory improvement induced by nicotine-bucladesine combination in rats. <i>European Journal of Pharmacology</i> , <b>2010</b> , 636, 102-7                                                              | 5.3  | 26        |
| 23 | Alpha-lipoic acid and coenzyme Q10 combination ameliorates experimental diabetic neuropathy by modulating oxidative stress and apoptosis. <i>Life Sciences</i> , <b>2019</b> , 216, 101-110                                                                           | 6.8  | 26        |
| 22 | 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> , <b>2011</b> , 109, 381-6 | 3.1  | 22        |
| 21 | Probiotics use to treat irritable bowel syndrome. <i>Expert Opinion on Biological Therapy</i> , <b>2012</b> , 12, 1323-34                                                                                                                                             | 5.4  | 22        |
| 20 | Protective effects of alpha lipoic acid on high glucose-induced neurotoxicity in PC12 cells. <i>Metabolic Brain Disease</i> , <b>2015</b> , 30, 731-8                                                                                                                 | 3.9  | 21        |
| 19 | The Effect of Green Tea Extract on Oxidative Stress and Spatial Learning in Streptozotocin-diabetic Rats. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2017</b> , 16, 201-209                                                                               | 1.1  | 18        |
| 18 | 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> , <b>2011</b> , 8, 60-61                                                          | 0.7  | 17        |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 17 | Are probiotics effective in management of irritable bowel syndrome?. <i>Archives of Medical Science</i> , <b>2012</b> , 8, 403-5                                                                                                                                                    | 2.9  | 16 |
| 16 | Chemotherapy: a double-edged sword in cancer treatment. <i>Cancer Immunology, Immunotherapy</i> , <b>2021</b> , 1                                                                                                                                                                   | 7.4  | 14 |
| 15 | Sildenafil protective effects on high glucose-induced neurotoxicity in PC12 cells: the role of oxidative stress, apoptosis, and inflammation pathways in an in vitro cellular model for diabetic neuropathy. <i>Neurological Research</i> , <b>2018</b> , 40, 624-636               | 2.7  | 13 |
| 14 | 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> , <b>2018</b> , 33, 1293-1306                  | 3.9  | 9  |
| 13 | 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> , <b>2019</b> , 1-9                                                                                                   | 2.3  | 7  |
| 12 | 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> , <b>2012</b> , 6, 4-6                                                                                |      | 6  |
| 11 | 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> , <b>2012</b> , 7, 540-541                                                                      | 0.1  | 6  |
| 10 | 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> , <b>2020</b> , 8, 63-75 | 4    | 6  |
| 9  | 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> , <b>2020</b> , 248, 112331                                  | 5    | 6  |
| 8  | Nitrosative DNA damage after sub-chronic exposure to silver nanoparticle induces stress nephrotoxicity in rat kidney. <i>Toxin Reviews</i> , <b>2018</b> , 37, 327-333                                                                                                              | 2.3  | 6  |
| 7  | 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> , <b>2021</b> , 35, e22739                           | 3.4  | 6  |
| 6  | Application of polysaccharide biopolymers as natural adsorbent in sample preparation. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-28                                                                                                                    | 11.5 | 2  |
| 5  | Insights Into Parkin-Mediated Mitophagy in Alzheimer's Disease: A Systematic Review. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 674071                                                                                                                              | 5.3  | 1  |
| 4  | LncRNA-miRNA-mRNA Networks of Gastrointestinal Cancers Representing Common and Specific LncRNAs and mRNAs.. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 791919                                                                                                                 | 4.5  | 0  |
| 3  | 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> , 1-11                                                                                                         | 2.3  | 0  |
| 2  | Barium- and Bismuth-loaded Clinoptilolite Micro- and Nano-Particles as Proposed New Efficient Contrast Agents. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2020</b> , 23, 191-195                                                                             | 1.3  |    |
| 1  | How Much Chronic Exposure to Aluminum and its Toxicity Should be Concerned in Current Human Life?. <i>International Journal of Pharmacology</i> , <b>2011</b> , 7, 675-676                                                                                                          | 0.7  |    |