

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/596940/akram-ranjbar-publications-by-citations.pdf>  
**Version:** 2024-04-05

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72 papers	839 citations	15 h-index	26 g-index
81 ext. papers	1,033 ext. citations	2.6 avg, IF	4.07 L-index

#	Paper	IF	Citations
72	Oxidative stress in acute human poisoning with organophosphorus insecticides; a case control study. <i>Environmental Toxicology and Pharmacology</i> , <b>2005</b> , 20, 88-91	5.8	107
71	Protection by pentoxifylline of malathion-induced toxic stress and mitochondrial damage in rat brain. <i>Human and Experimental Toxicology</i> , <b>2010</b> , 29, 851-64	3.4	65
70	Antioxidant Activity of Iranian Echium amoenum Fisch & C.A. Mey Flower Decoction in Humans: A cross-sectional Before/After Clinical Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2006</b> , 3, 469-73	2.3	55
69	Induction of oxidative stress in paraquat formulating workers. <i>Toxicology Letters</i> , <b>2002</b> , 131, 191-4	4.4	41
68	Inhibition of tumor necrosis factor and nitrosative/oxidative stresses by Ziziphora clinopoides (Kahlioti); a molecular mechanism of protection against dextran sodium sulfate-induced colitis in mice. <i>Toxicology Mechanisms and Methods</i> , <b>2009</b> , 19, 183-9	3.6	40
67	Protective effects of Borago officinalis extract on amyloid $\beta$ peptide(25-35)-induced memory impairment in male rats: a behavioral study. <i>BioMed Research International</i> , <b>2014</b> , 2014, 798535	3	33
66	Oxidative stress in radiology staff. <i>Environmental Toxicology and Pharmacology</i> , <b>2005</b> , 20, 215-8	5.8	33
65	Thymoquinone attenuates hepatotoxicity and oxidative damage caused by diazinon: an study. <i>Research in Pharmaceutical Sciences</i> , <b>2018</b> , 13, 500-508	2.6	30
64	On the relation of oxidative stress in delivery mode in pregnant women; a toxicological concern. <i>Toxicology Mechanisms and Methods</i> , <b>2009</b> , 19, 94-9	3.6	29
63	Effects of crocin in reducing DNA damage, inflammation, and oxidative stress in multiple sclerosis patients: A double-blind, randomized, and placebo-controlled trial. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2019</b> , 33, e22410	3.4	21
62	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
61	Protective effect of amlodipine on diazinon-induced changes on oxidative/antioxidant balance in rat hippocampus. <i>Research in Pharmaceutical Sciences</i> , <b>2018</b> , 13, 368-376	2.6	18
60	Role of Cerium Oxide Nanoparticles in a Paraquat-Induced Model of Oxidative Stress: Emergence of Neuroprotective Results in the Brain. <i>Journal of Molecular Neuroscience</i> , <b>2018</b> , 66, 420-427	3.3	18
59	Occupational exposure to chemicals and oxidative toxic stress. <i>Toxicology and Environmental Health Sciences</i> , <b>2015</b> , 7, 1-24	1.9	16
58	Propofol Attenuates Toxic Oxidative Stress by CCl <sub>4</sub> in Liver Mitochondria and Blood in Rat. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2014</b> , 13, 253-62	1.1	16
57	Biochemical evidence on positive effects of rolipram a phosphodiesterase-4 inhibitor in malathion-induced toxic stress in rat blood and brain mitochondria. <i>Pesticide Biochemistry and Physiology</i> , <b>2010</b> , 98, 135-143	4.9	14
56	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

55	Comparison of urinary oxidative biomarkers in Iranian children with autism. <i>Research in Developmental Disabilities</i> , <b>2014</b> , 35, 2751-5	2.7	13
54	Effects of vitamin D in an animal model of Alzheimer's disease: behavioral assessment with biochemical investigation of Hippocampus and serum. <i>Metabolic Brain Disease</i> , <b>2020</b> , 35, 263-274	3.9	13
53	Oxidative stress biomarkers in endometrial secretions: A comparison between successful and unsuccessful in vitro fertilization cycles. <i>Journal of Reproductive Immunology</i> , <b>2016</b> , 116, 70-5	4.2	13
52	Interaction of phosphodiesterase 5 inhibitor with malathion on rat brain mitochondrial-bound hexokinase activity. <i>Pesticide Biochemistry and Physiology</i> , <b>2009</b> , 95, 121-125	4.9	12
51	Alteration of body total antioxidant capacity and thiol molecules in human chronic exposure to aluminum. <i>Toxicological and Environmental Chemistry</i> , <b>2008</b> , 90, 707-713	1.4	12
50	Improvement of therapeutic potential N-acetylcysteine in acetaminophen hepatotoxicity by encapsulation in PEGylated nano-niosomes. <i>Life Sciences</i> , <b>2020</b> , 255, 117832	6.8	11
49	Empirical Study of Room Acoustic Conditions and Neurophysiologic Strain in Staff Working in Special Open-Plan Bank Offices. <i>Acoustics Australia</i> , <b>2018</b> , 46, 329-338	1.4	11
48	Hepatoprotective effect of N-acetylcystein loaded niosomes on liver function in paraquat-induced acute poisoning. <i>Pesticide Biochemistry and Physiology</i> , <b>2019</b> , 160, 146-153	4.9	10
47	Hepatoprotective effect of tempol on oxidative toxic stress in STZ-induced diabetic rats. <i>Toxin Reviews</i> , <b>2018</b> , 37, 82-86	2.3	9
46	Protective effect of cerium oxide nanoparticle on sperm quality and oxidative damage in malathion-induced testicular toxicity in rats: An experimental study. <i>International Journal of Reproductive BioMedicine</i> , <b>2018</b> , 16, 261-266	1.3	9
45	A Pilot Study to Evaluate the Effects of Oral N-Acetyl Cysteine on Inflammatory and Oxidative Stress Biomarkers in Rheumatoid Arthritis. <i>Current Rheumatology Reviews</i> , <b>2019</b> , 15, 246-253	1.6	9
44	Influence of adjuvant Coenzyme Q10 on inflammatory and oxidative stress biomarkers in patients with bipolar disorders during the depressive episode. <i>Molecular Biology Reports</i> , <b>2019</b> , 46, 5333-5343	2.8	8
43	Rat Plasma Oxidation Status After Nigella Sativa L. Botanical Treatment in CCL(4)-Treated Rats. <i>Toxicology Mechanisms and Methods</i> , <b>2008</b> , 18, 725-31	3.6	8
42	Chronic exposure to organophosphate pesticides as an important challenge in promoting reproductive health: A comparative study. <i>Journal of Education and Health Promotion</i> , <b>2019</b> , 8, 149	1.4	8
41	Antinociceptive activity of . leaf extract: a mechanistic evaluation. <i>Research in Pharmaceutical Sciences</i> , <b>2020</b> , 15, 463-472	2.6	8
40	Antioxidative effects of propofol vs. ketamin in individuals undergoing surgery. <i>Archives of Iranian Medicine</i> , <b>2014</b> , 17, 486-9	2.4	8
39	Tempol improves oxidant/antioxidant parameters in testicular tissues of diabetic rats. <i>Life Sciences</i> , <b>2019</b> , 221, 65-71	6.8	7
38	Treadmill exercise enhances the promoting effects of preconditioned stem cells on memory and neurogenesis in Aβ-induced neurotoxicity in the rats. <i>Life Sciences</i> , <b>2020</b> , 249, 117482	6.8	7

37	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
36	Ameliorative effect of <i>Matricaria chamomilla</i> .L on paraquat: Induced oxidative damage in lung rats. <i>Pharmacognosy Research (discontinued)</i> , <b>2014</b> , 6, 199-203	0.7	7
35	Quantitative analysis and health risk assessment of methanol in medicinal herbal drinks marketed in Hamadan, Iran. <i>Journal of Applied Pharmaceutical Science</i> , 049-052	2	7
34	Tempol effects on diabetic nephropathy in male rats. <i>Journal of Renal Injury Prevention</i> , <b>2016</b> , 5, 74-8	1	7
33	Cerium Oxide Nanoparticle Effects on Paraoxonase-1 Activity and Oxidative Toxic Stress Induced by Malathion: A Potential Antioxidant Compound, Yes or No?. <i>Indian Journal of Clinical Biochemistry</i> , <b>2019</b> , 34, 336-341	2.2	6
32	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
31	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
30	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
29	Neurological Disorders and Oxidative Toxic Stress: A Role of Metal Nanoparticles. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , <b>2016</b> , 11,	1.1	5
28	Attenuation of cisplatin-induced toxic oxidative stress by propofol. <i>Anesthesiology and Pain Medicine</i> , <b>2014</b> , 4, e14221	3.5	4
27	Antioxidative stress potential of <i>Cinnamomum zeylanicum</i> in humans: a comparative cross-sectional clinical study. <i>Therapy: Open Access in Clinical Medicine</i> , <b>2006</b> , 3, 113-117		4
26	The influence of processing and clarifier agents on the concentrations of potentially toxic elements (PTEs) in pekmez (a grape molasses-like syrup). <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 10342-10350	5.1	3
25	Total antioxidant capacity, lipid peroxidation, thiol group and catalase activity in patients with kidney stone. <i>Avicenna Journal of Medical Biochemistry</i> , <b>2017</b> , 5, 60-64	0.4	3
24	Eudragit L-100 Capsules Aromatize and Quaternize Chitosan for Insulin Nanoparticle Oral Delivery During Toxic Oxidative Stress in Rat Liver and Kidney. <i>Pharmaceutical Nanotechnology</i> , <b>2020</b> , 8, 239-254	4	3
23	Oxidative Toxicity in Diabetes Mellitus: The Role of Nanoparticles and Future Therapeutic Strategies. <i>Precision Nanomedicine</i> , <b>2019</b> , 2, 382-392	1.2	3
22	On the Benefit of <i>Cinnamomum zeylanicum</i> for Radiology Unit Staff. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , <b>2008</b> , 8, 384-389	0.5	3
21	Effect of Cerium Oxide Nanoparticles on Oxidative Stress Biomarkers in Rats Kidney, Lung, and Serum. <i>Iranian Biomedical Journal</i> , <b>2020</b> , 24, 251-6	2	2
20	Antioxidative effects of silymarin on the reduction of liver complications of fingolimod in patients with relapsing-remitting multiple sclerosis: A clinical trial study. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2021</b> , 35, e22800	3.4	2

19	Concentration of aflatoxins in edible vegetable oils: a systematic meta-analysis review. <i>European Food Research and Technology</i> ,1	3.4	2
18	Nano optical and electrochemical sensors and biosensors for detection of narrow therapeutic index drugs. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 411	5.8	1
17	The effects of synthetic orally administrated insulin nanoparticles in comparison to injectable insulin on the renal function markers of type 1- diabetic rats. <i>Iranian Journal of Basic Medical Sciences</i> , <b>2020</b> , 23, 810-818	1.8	1
16	The positive effect of short-term nano-curcumin therapy on insulin resistance and serum levels of afamin in patients with metabolic syndrome. <i>Avicenna Journal of Phytomedicine</i> , <b>2021</b> , 11, 146-153	1.4	1
15	Oxidative toxic stress in workers occupationally exposed to ceramic dust: A study in a ceramic manufacturing industry. <i>Work</i> , <b>2016</b> , 55, 13-17	1.6	1
14	Novel tacrine-based acetylcholinesterase inhibitors as potential agents for the treatment of Alzheimer's disease: Quinolotacrine hybrids. <i>Molecular Diversity</i> , <b>2021</b> , 1	3.1	1
13	Development of effervescence-assisted switchable-polarity solvent homogeneous liquid-phase microextraction for the determination of permethrin and deltamethrin in water samples prior to GC-FID.. <i>Biomedical Chromatography</i> , <b>2021</b> , e5304	1.7	0
12	Steroid Hormone Exposure as a Potential Hazard in Milk Consumers: A Significant Health Challenge in Iran. <i>Journal of Food Quality</i> , <b>2021</b> , 2021, 1-6	2.7	0
11	Effect of Coenzyme Q10 Supplementation on Urinary and Salivary Oxidative Stress Biomarkers in Bipolar Patients During the Depressive Episode. <i>Natural Products Journal</i> , <b>2020</b> , 10, 664-672	0.6	0
10	Oxidative toxic stress and p53 level in healthy subjects occupationally exposed to outdoor air Pollution - a cross-sectional study in Iran. <i>Annals of Agricultural and Environmental Medicine</i> , <b>2020</b> , 27, 585-590	1.4	0
9	Investigating the Effect of Fresh Frozen Plasma and Albumin on DNA Damage and Oxidative Stress Biomarkers in Poisoning Cases by Organophosphates. <i>Drug Research</i> , <b>2021</b> , 71, 10-16	1.8	0
8	A novel label-free colorimetric polyA aptasensing approach based on cationic polymer and silver nanoparticles for detection of tobramycin in milk.. <i>Food Chemistry</i> , <b>2022</b> , 382, 132580	8.5	0
7	The protective effect of resveratrol on diazinon-induced oxidative stress and glucose hemostasis disorder in ratsRiver.. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2022</b> , e23063	3.4	0
6	The Effect of Epidural-Spinal Anesthesia on Labor Outcome and Satisfaction in Parturient Mothers: A Randomized Controlled Trial. <i>International Journal of Basic Science in Medicine</i> , <b>2017</b> , 2, 178-183	0.1	
5	Protective Role of Ce Nanoparticles Against the Hepatotoxicity Induced by Exposure to Paraquat. <i>Avicenna Journal of Medical Biochemistry</i> , <b>2018</b> , 6, 37-43	0.4	
4	Pulmonary Protective Effects of Propofol on Cisplatin-Induced Oxidative Damage in Male Rats. <i>Avicenna Journal of Pharmaceutical Research</i> , <b>2020</b> , 1, 72-75	0.1	
3	The Effects of CeO <sub>2</sub> Nanoparticles (CeNPs) on Oxidative Stress Biomarkers of Rat Liver Mitochondria: An In vitro Study. <i>Nanoscience and Nanotechnology - Asia</i> , <b>2021</b> , 11, 67-74	0.7	
2	Lipid peroxidation, thiol groups, and total antioxidant capacity in mothers in natural vaginal delivery with and without Entonox: A cohort study. <i>Interventional Medicine &amp; Applied Science</i> , <b>2018</b> , 10, 207-209	0.7	

- 1 Characterization, Electrochemical Detection, Biological Evaluation and Molecular Modelling of 1,5-Di-O-caffeoylquinic Acid from Artichoke (*Cynara scolymus* L.) Head Extract. *Journal of the Electrochemical Society*, **2021**, 168, 016509 3.9