

Akram Ranjbar

List of Publications by Year in Descending Order

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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.

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	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> , 2022 , 382, 132580	8.5	0
71	The protective effect of resveratrol on diazinon-induced oxidative stress and glucose hemostasis disorder in ratsRiver.. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022 , e23063	3.4	0
70	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> , 2021 , e5304	1.7	0
69	Nano optical and electrochemical sensors and biosensors for detection of narrow therapeutic index drugs. <i>Mikrochimica Acta</i> , 2021 , 188, 411	5.8	1
68	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> , 2021 , 11, 146-153	1.4	1
67	Steroid Hormone Exposure as a Potential Hazard in Milk Consumers: A Significant Health Challenge in Iran. <i>Journal of Food Quality</i> , 2021 , 2021, 1-6	2.7	0
66	The Effects of CeO ₂ Nanoparticles (CeNPs) on Oxidative Stress Biomarkers of Rat Liver Mitochondria: An In vitro Study. <i>Nanoscience and Nanotechnology - Asia</i> , 2021 , 11, 67-74	0.7	
65	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> , 2021 , 35, e22800	3.4	2
64	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> , 2021 , 71, 10-16	1.8	0
63	Novel tacrine-based acetylcholinesterase inhibitors as potential agents for the treatment of Alzheimer's disease: Quinolotacrine hybrids. <i>Molecular Diversity</i> , 2021 , 1	3.1	1
62	Characterization, Electrochemical Detection, Biological Evaluation and Molecular Modelling of 1,5-Di-O-caffeoylquinic Acid from Artichoke (<i>Cynara scolymus</i> L.) Head Extract. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 016509	3.9	
61	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	3.4	6
60	Improvement of therapeutic potential N-acetylcysteine in acetaminophen hepatotoxicity by encapsulation in PEGylated nano-niosomes. <i>Life Sciences</i> , 2020 , 255, 117832	6.8	11
59	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> , 2020 , 249, 117482	6.8	7
58	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> , 2020 , 27, 10342-10350	5.1	3
57	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> , 2020 , 23, 810-818	1.8	1
56	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> , 2020 , 8, 239-254	4	3

55	Effect of Cerium Oxide Nanoparticles on Oxidative Stress Biomarkers in Rats Kidney, Lung, and Serum. <i>Iranian Biomedical Journal</i> , 2020 , 24, 251-6	2	2
54	Antinociceptive activity of . leaf extract: a mechanistic evaluation. <i>Research in Pharmaceutical Sciences</i> , 2020 , 15, 463-472	2.6	8
53	Effect of Coenzyme Q10 Supplementation on Urinary and Salivary Oxidative Stress Biomarkers in Bipolar Patients During the Depressive Episode. <i>Natural Products Journal</i> , 2020 , 10, 664-672	0.6	0
52	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> , 2020 , 27, 585-590	1.4	0
51	Pulmonary Protective Effects of Propofol on Cisplatin-Induced Oxidative Damage in Male Rats. <i>Avicenna Journal of Pharmaceutical Research</i> , 2020 , 1, 72-75	0.1	
50	Cerium and Yttrium Oxide Nanoparticles and Nano-selenium Produce Protective Effects Against H ₂ O ₂ -induced Oxidative Stress in Pancreatic Beta Cells by Modulating Mitochondrial Dysfunction. <i>Pharmaceutical Nanotechnology</i> , 2020 , 8, 63-75	4	6
49	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> , 2020 , 35, 263-274	3.9	13
48	Tempol improves oxidant/antioxidant parameters in testicular tissues of diabetic rats. <i>Life Sciences</i> , 2019 , 221, 65-71	6.8	7
47	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> , 2019 , 34, 336-341	2.2	6
46	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> , 2019 , 46, 5333-5343	2.8	8
45	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> , 2019 , 33, e22410	3.4	21
44	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> , 2019 , 1-9	2.3	7
43	Hepatoprotective effect of N-acetylcystein loaded niosomes on liver function in paraquat-induced acute poisoning. <i>Pesticide Biochemistry and Physiology</i> , 2019 , 160, 146-153	4.9	10
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> , 2019 , 8, 149	1.4	8
41	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> , 2019 , 15, 246-253	1.6	9
40	Oxidative Toxicity in Diabetes Mellitus: The Role of Nanoparticles and Future Therapeutic Strategies. <i>Precision Nanomedicine</i> , 2019 , 2, 382-392	1.2	3
39	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> , 2018 , 40, 624-636	2.7	13
38	Hepatoprotective effect of tempol on oxidative toxic stress in STZ-induced diabetic rats. <i>Toxin Reviews</i> , 2018 , 37, 82-86	2.3	9

37	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> , 2018 , 16, 261-266	1.3	9
36	Protective effect of amlodipine on diazinon-induced changes on oxidative/antioxidant balance in rat hippocampus. <i>Research in Pharmaceutical Sciences</i> , 2018 , 13, 368-376	2.6	18
35	Thymoquinone attenuates hepatotoxicity and oxidative damage caused by diazinon: an study. <i>Research in Pharmaceutical Sciences</i> , 2018 , 13, 500-508	2.6	30
34	Protective Role of Ce Nanoparticles Against the Hepatotoxicity Induced by Exposure to Paraquat. <i>Avicenna Journal of Medical Biochemistry</i> , 2018 , 6, 37-43	0.4	
33	Nitrosative DNA damage after sub-chronic exposure to silver nanoparticle induces stress nephrotoxicity in rat kidney. <i>Toxin Reviews</i> , 2018 , 37, 327-333	2.3	6
32	Lipid peroxidation, thiol groups, and total antioxidant capacity in mothers in natural vaginal delivery with and without Entonox: A cohort study. <i>Interventional Medicine & Applied Science</i> , 2018 , 10, 207-209	0.7	
31	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> , 2018 , 66, 420-427	3.3	18
30	Empirical Study of Room Acoustic Conditions and Neurophysiologic Strain in Staff Working in Special Open-Plan Bank Offices. <i>Acoustics Australia</i> , 2018 , 46, 329-338	1.4	11
29	Total antioxidant capacity, lipid peroxidation, thiol group and catalase activity in patients with kidney stone. <i>Avicenna Journal of Medical Biochemistry</i> , 2017 , 5, 60-64	0.4	3
28	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	1.1	18
27	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> , 2017 , 2, 178-183	0.1	
26	Neurological Disorders and Oxidative Toxic Stress: A Role of Metal Nanoparticles. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2016 , 11,	1.1	5
25	Tempol effects on diabetic nephropathy in male rats. <i>Journal of Renal Injury Prevention</i> , 2016 , 5, 74-8	1	7
24	Oxidative toxic stress in workers occupationally exposed to ceramic dust: A study in a ceramic manufacturing industry. <i>Work</i> , 2016 , 55, 13-17	1.6	1
23	Oxidative stress biomarkers in endometrial secretions: A comparison between successful and unsuccessful in vitro fertilization cycles. <i>Journal of Reproductive Immunology</i> , 2016 , 116, 70-5	4.2	13
22	Occupational exposure to chemicals and oxidative toxic stress. <i>Toxicology and Environmental Health Sciences</i> , 2015 , 7, 1-24	1.9	16
21	Comparison of urinary oxidative biomarkers in Iranian children with autism. <i>Research in Developmental Disabilities</i> , 2014 , 35, 2751-5	2.7	13
20	Attenuation of cisplatin-induced toxic oxidative stress by propofol. <i>Anesthesiology and Pain Medicine</i> , 2014 , 4, e14221	3.5	4

19	Protective effects of Borago officinalis extract on amyloid β peptide(25-35)-induced memory impairment in male rats: a behavioral study. <i>BioMed Research International</i> , 2014 , 2014, 798535	3	33
18	Ameliorative effect of Matricaria chamomilla .L on paraquat: Induced oxidative damage in lung rats. <i>Pharmacognosy Research (discontinued)</i> , 2014 , 6, 199-203	0.7	7
17	Propofol Attenuates Toxic Oxidative Stress by CCl4 in Liver Mitochondria and Blood in Rat. <i>Iranian Journal of Pharmaceutical Research</i> , 2014 , 13, 253-62	1.1	16
16	Antioxidative effects of propofol vs. ketamin in individuals undergoing surgery. <i>Archives of Iranian Medicine</i> , 2014 , 17, 486-9	2.4	8
15	Protection by pentoxifylline of malathion-induced toxic stress and mitochondrial damage in rat brain. <i>Human and Experimental Toxicology</i> , 2010 , 29, 851-64	3.4	65
14	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> , 2010 , 98, 135-143	4.9	14
13	Interaction of phosphodiesterase 5 inhibitor with malathion on rat brain mitochondrial-bound hexokinase activity. <i>Pesticide Biochemistry and Physiology</i> , 2009 , 95, 121-125	4.9	12
12	On the relation of oxidative stress in delivery mode in pregnant women; a toxicological concern. <i>Toxicology Mechanisms and Methods</i> , 2009 , 19, 94-9	3.6	29
11	Inhibition of tumor necrosis factor and nitrosative/oxidative stresses by Ziziphora clinopoides (Kahljoti); a molecular mechanism of protection against dextran sodium sulfate-induced colitis in mice. <i>Toxicology Mechanisms and Methods</i> , 2009 , 19, 183-9	3.6	40
10	Alteration of body total antioxidant capacity and thiol molecules in human chronic exposure to aluminum. <i>Toxicological and Environmental Chemistry</i> , 2008 , 90, 707-713	1.4	12
9	Rat Plasma Oxidation Status After Nigella Sativa L. Botanical Treatment in CCL(4)-Treated Rats. <i>Toxicology Mechanisms and Methods</i> , 2008 , 18, 725-31	3.6	8
8	On the Benefit of Cinnamomum zeylanicum for Radiology Unit Staff. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2008 , 8, 384-389	0.5	3
7	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> , 2006 , 3, 469-73	2.3	55
6	Antioxidative stress potential of Cinnamomum zeylanicum in humans: a comparative cross-sectional clinical study. <i>Therapy: Open Access in Clinical Medicine</i> , 2006 , 3, 113-117		4
5	Oxidative stress in acute human poisoning with organophosphorus insecticides; a case control study. <i>Environmental Toxicology and Pharmacology</i> , 2005 , 20, 88-91	5.8	107
4	Oxidative stress in radiology staff. <i>Environmental Toxicology and Pharmacology</i> , 2005 , 20, 215-8	5.8	33
3	Induction of oxidative stress in paraquat formulating workers. <i>Toxicology Letters</i> , 2002 , 131, 191-4	4.4	41
2	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

- 1 Concentration of aflatoxins in edible vegetable oils: a systematic meta-analysis review. *European Food Research and Technology*,1 3.4 2