

Shokoufeh Hassani

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.

65
papers

1,496
citations

24
h-index

36
g-index

68
ext. papers

1,811
ext. citations

4.5
avg, IF

4.77
L-index

#	Paper	IF	Citations
65	Serpin A12 (Vaspin) as a Serine Protease Inhibitor. <i>Biomarkers in Disease</i> , 2022 , 1-17		
64	Plasma Concentration of Taurine Changes following Acetaminophen Overdose in Male Patients during Hospitalization. <i>Iranian Journal of Pharmaceutical Research</i> , 2021 , 20, 297-306	1.1	
63	Modification of the hemodynamic and molecular features of phosphine, a potent mitochondrial toxicant in the heart, by cannabidiol. <i>Toxicology Mechanisms and Methods</i> , 2021 , 1-14	3.6	2
62	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	1.8	0
61	Caffeine and mitochondria with a focus on the central nervous system 2021 , 413-437		
60	Oxidative stress and copper smelter workers 2021 , 119-126		1
59	Recent Advances in Nanotechnology-Based Biosensors Development for Detection of Arsenic, Lead, Mercury, and Cadmium. <i>International Journal of Nanomedicine</i> , 2021 , 16, 803-832	7.3	18
58	The role of levosimendan in phosphine-induced cardiotoxicity: evaluation of electrocardiographic, echocardiographic, and biochemical parameters. <i>Toxicology Mechanisms and Methods</i> , 2021 , 31, 631-643	3.6	3
57	On the mechanisms of taurine in alleviating electrocardiographic, hemodynamic, and biochemical parameters following aluminum phosphide cardiotoxicity. <i>Food and Chemical Toxicology</i> , 2021 , 154, 1123-1127	4.7	7
56	Electrocardiographic, hemodynamic, and biochemical evidence on the protective effects of exenatide against phosphine-induced cardiotoxicity in rat model. <i>Human and Experimental Toxicology</i> , 2021 , 40, S381-S396	3.4	1
55	Investigation of alpha-lipoic acid effect on memory impairment considering strain-dependent differences in mice. <i>Life Sciences</i> , 2021 , 281, 119766	6.8	0
54	Exosomal circRNAs: new players in colorectal cancer. <i>Cancer Cell International</i> , 2021 , 21, 483	6.4	2
53	Antioxidant genes, the insecticide diazinon, and toxicity 2021 , 53-58		0
52	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	1.1	1
51	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	7	8
50	Metal-induced oxidative stress: an evidence-based update of advantages and disadvantages. <i>Current Opinion in Toxicology</i> , 2020 , 20-21, 55-68	4.4	6
49	Bucladesine Attenuates Spatial Learning and Hippocampal Mitochondrial Impairments Induced by 3, 4-Methylenedioxymethamphetamine (MDMA). <i>Neurotoxicity Research</i> , 2020 , 38, 38-49	4.3	2

48	Metformin accelerates myelin recovery and ameliorates behavioral deficits in the animal model of multiple sclerosis via adjustment of AMPK/Nrf2/mTOR signaling and maintenance of endogenous oligodendrogenesis during brain self-repairing period. <i>Pharmacological Reports</i> , 2020 , 72, 641-658	3.9	10
47	Effects of mercuric chloride on spatial memory deficit-induced by beta-amyloid and evaluation of mitochondrial function markers in the hippocampus of rats. <i>Metallomics</i> , 2020 , 12, 144-153	4.5	0
46	Effect of the herbal medicines in obesity and metabolic syndrome: A systematic review and meta-analysis of clinical trials. <i>Phytotherapy Research</i> , 2020 , 34, 526-545	6.7	40
45	A Sensitive Aptamer-Based Biosensor for Electrochemical Quantification of PSA as a Specific Diagnostic Marker of Prostate Cancer. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2020 , 23, 243-258	3.4	13
44	Gene-Environmental Interplay in Bisphenol A Subchronic Animal Exposure: New Insights into the Epigenetic Regulation of Pancreatic Islets. <i>Chemical Research in Toxicology</i> , 2020 , 33, 2338-2350	4	6
43	Classification of the present pharmaceutical agents based on the possible effective mechanism on the COVID-19 infection. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020 , 28, 745-764	3.9	9
42	High-Performance Voltammetric Aptasensing Platform for Ultrasensitive Detection of Bisphenol A as an Environmental Pollutant. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 574846	5.8	9
41	An Electrochemical Aptasensor Platform Based on Flower-Like Gold Microstructure-Modified Screen-Printed Carbon Electrode for Detection of Serpin A12 as a Type 2 Diabetes Biomarker. <i>International Journal of Nanomedicine</i> , 2020 , 15, 2219-2230	7.3	15
40	Improvement of memory deficits in the rat model of Alzheimer's disease by erythropoietin-loaded solid lipid nanoparticles. <i>Neurobiology of Learning and Memory</i> , 2019 , 166, 107082	3.1	21
39	Biochemical evidence on the potential role of methyl mercury in hepatic glucose metabolism through inflammatory signaling and free radical pathways. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 16195-16205	4.7	9
38	Reappraisal of probiotics safety in human. <i>Food and Chemical Toxicology</i> , 2019 , 129, 22-29	4.7	54
37	Polyphenols targeting diabetes via the AMP-activated protein kinase pathway; future approach to drug discovery. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2019 , 56, 472-492	9.4	18
36	Manipulation of molecular pathways and senescence hallmarks by natural compounds in fibroblast cells. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 6209-6222	4.7	15
35	Biochemical and molecular evidence on the role of vaspin in early detection of the insulin resistance in a rat model of high-fat diet and use of diazinon. <i>Toxicology</i> , 2019 , 411, 1-14	4.4	25
34	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	6.8	26
33	Cinnamon, a promising prospect towards Alzheimer's disease. <i>Pharmacological Research</i> , 2018 , 130, 241-258	4.8	48
32	Recent advances in biosensor technology in assessment of early diabetes biomarkers. <i>Biosensors and Bioelectronics</i> , 2018 , 99, 122-135	11.8	94
31	The protective role of melatonin in chemotherapy-induced nephrotoxicity: a systematic review of non-clinical studies. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2018 , 14, 937-950	5.5	39

30	Novel label-free electrochemical aptasensor for determination of Diazinon using gold nanoparticles-modified screen-printed gold electrode. <i>Biosensors and Bioelectronics</i> , 2018 , 120, 122-128	11.8	58
29	Alteration of hepatocellular antioxidant gene expression pattern and biomarkers of oxidative damage in diazinon-induced acute toxicity in Wistar rat: A time-course mechanistic study. <i>EXCLI Journal</i> , 2018 , 17, 57-71	2.4	29
28	The role of minocycline in alleviating aluminum phosphide-induced cardiac hemodynamic and renal toxicity. <i>Environmental Toxicology and Pharmacology</i> , 2018 , 64, 26-40	5.8	20
27	Bisphenol A: What lies beneath its induced diabetes and the epigenetic modulation?. <i>Life Sciences</i> , 2018 , 214, 136-144	6.8	25
26	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	4.1	46
25	On the mechanisms of melatonin in protection of aluminum phosphide cardiotoxicity. <i>Archives of Toxicology</i> , 2017 , 91, 3109-3120	5.8	40
24	Molecular mechanisms of action of styrene toxicity in blood plasma and liver. <i>Environmental Toxicology</i> , 2017 , 32, 2256-2266	4.2	10
23	Biosensors and their applications in detection of organophosphorus pesticides in the environment. <i>Archives of Toxicology</i> , 2017 , 91, 109-130	5.8	97
22	Protective effects of physical exercise on MDMA-induced cognitive and mitochondrial impairment. <i>Free Radical Biology and Medicine</i> , 2016 , 99, 11-19	7.8	19
21	The involvement of protein kinase G inhibitor in regulation of apoptosis and autophagy markers in spatial memory deficit induced by A β . <i>Fundamental and Clinical Pharmacology</i> , 2016 , 30, 364-75	3.1	10
20	Molecular and biochemical evidences on the protective effects of triiodothyronine against phosphine-induced cardiac and mitochondrial toxicity. <i>Life Sciences</i> , 2015 , 139, 30-9	6.8	33
19	An electrocardiographic, molecular and biochemical approach to explore the cardioprotective effect of vasopressin and milrinone against phosphide toxicity in rats. <i>Food and Chemical Toxicology</i> , 2015 , 80, 182-192	4.7	28
18	Mechanistic view for toxic effects of arsenic on isolated rat kidney and brain mitochondria. <i>Biologia (Poland)</i> , 2015 , 70, 683-689	1.5	10
17	Cerium and yttrium oxide nanoparticles against lead-induced oxidative stress and apoptosis in rat hippocampus. <i>Biological Trace Element Research</i> , 2015 , 164, 80-9	4.5	52
16	Protective effects of curcumin and vitamin E against chlorpyrifos-induced lung oxidative damage. <i>Human and Experimental Toxicology</i> , 2015 , 34, 668-76	3.4	35
15	On the Protection of ALP Cardiovascular Toxicity by a Novel Mixed Herbal Medicine; Role of Oxidative Stress and Cellular ATP. <i>Asian Journal of Animal and Veterinary Advances</i> , 2014 , 9, 302-311	0.1	10
14	Effects of Cymbopogon citratus and Ferula assa-foetida extracts on glutamate-induced neurotoxicity. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2013 , 49, 706-15	2.6	21
13	On the biochemical and molecular mechanisms by which malathion induces dysfunction in pancreatic islets in vivo and in vitro. <i>Pesticide Biochemistry and Physiology</i> , 2013 , 106, 51-60	4.9	19

12	Antiapoptotic effects of cerium oxide and yttrium oxide nanoparticles in isolated rat pancreatic islets. <i>Human and Experimental Toxicology</i> , 2013 , 32, 544-53	3.4	55
11	Occurrence of melamine contamination in powder and liquid milk in market of Iran. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013 , 30, 413-20	3.2	22
10	On the benefit of magnetic magnesium nanocarrier in cardiovascular toxicity of aluminum phosphide. <i>Toxicology and Industrial Health</i> , 2013 , 29, 126-35	1.8	26
9	Induction of apoptosis and cell cycle arrest by pericarp polyphenol-rich extract of Baneh in human colon carcinoma HT29 cells. <i>Food and Chemical Toxicology</i> , 2012 , 50, 1054-9	4.7	56
8	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, 476-82	3.6	55
7	Characterization of different olive pulp and kernel oils. <i>Journal of Food Composition and Analysis</i> , 2012 , 28, 54-60	4.1	19
6	Specifying Human Platelet cAMP and cGMP Phosphodiesterase Inhibitory Activity of the Plants Used in Traditional Iranian Medicine for the Purpose of Erectile Dysfunction. <i>International Journal of Pharmacology</i> , 2012 , 8, 161-168	0.7	7
5	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, 381-6	3.1	22
4	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, 204-10	4.7	83
3	Comparative Improvement in Function of Isolated Rat Langerhans Islets by Various Phosphodiesterase 3, 4 and 5 Inhibitors. <i>Asian Journal of Animal and Veterinary Advances</i> , 2011 , 6, 1233-1240	0.1	15
2	Benefit of magnesium-25 carrying porphyrin-fullerene nanoparticles in experimental diabetic neuropathy. <i>International Journal of Nanomedicine</i> , 2010 , 5, 517-23	7.3	34
1	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, 538-43	3.6	36