Amir Mohammad Malvandi

List of Publications by Year
in descending order

26 papers	352 citations	840585 11 h-index	839398 18 g-index
26 all docs	26 docs citations	26 times ranked	394 citing authors

#	Article	IF	Citations
1	Environmentally relevant level of aflatoxin B 1 elicits toxic pro-inflammatory response in murine CNS-derived cells. Toxicology Letters, 2017, 279, 96-106.	0.4	47
2	The high levels of heavy metal accumulation in cultivated rice from the Tajan river basin: Health and ecological risk assessment. Chemosphere, 2020, 245, 125639.	4.2	39
3	Human Microglial Cells Undergo Proapoptotic Induction and Inflammatory Activation upon in vitro Exposure to a Naturally Occurring Level of Aflatoxin B₁. NeuroImmunoModulation, 2018, 25, 176-183.	0.9	31
4	Biologically relevant doses of mixed aflatoxins B and G up-regulate MyD88, TLR2, TLR4 and CD14 transcripts in human PBMCs. Immunopharmacology and Immunotoxicology, 2013, 35, 528-532.	1.1	30
5	Neuroprotective effects of garlic extract on dopaminergic neurons of substantia nigra in a rat model of Parkinsonâ€™s disease: motor and nonâ€motor outcomes. Metabolic Brain Disease, 2021, 36, 927-937.	1.4	22
6	Roles of the miR-155 in Neuroinflammation and Neurological Disorders: A Potent Biological and Therapeutic Target. Cellular and Molecular Neurobiology, 2023, 43, 455-467.	1.7	21
7	Impact of rapid urbanization on the surface waterâ€™s quality: a long-term environmental and physicochemical investigation of Tajan river, Iran (2007â€“2017). Environmental Science and Pollution Research, 2020, 27, 8439-8450.	2.7	18
8	Sitagliptin favorably modulates immune-relevant pathways in human beta cells. Pharmacological Research, 2019, 148, 104405.	3.1	17
9	Neuroimmune disruptions from naturally occurring levels of mycotoxins. Environmental Science and Pollution Research, 2021, 28, 32156-32176.	2.7	17
10	Prostaglandin E2 Stimulates the Expansion of Regulatory Hematopoietic Stem and Progenitor Cells in Type 1 Diabetes. Frontiers in Immunology, 2018, 9, 1387.	2.2	15
11	MicroRNA-22: a Novel and Potent Biological Therapeutics in Neurological Disorders. Molecular Neurobiology, 2022, 59, 2694-2701.	1.9	15
12	Bioluminescence-based detection of astrocytes apoptosis and ATP depletion induced by biologically relevant level aflatoxin B1. World Mycotoxin Journal, 2018, 11, 589-598.	0.8	14
13	Atrazine neural and reproductive toxicity. Toxin Reviews, 2022, 41, 1290-1303.	1.5	11
14	Acute restraint stress increases the frequency of vinblastine-induced micronuclei in mouse bone marrow cells. Stress, 2010, 13, 276-280.	0.8	10
15	A case of personalized and precision medicine: Pharmacometabolomic applications to rare cancer, microbiological investigation, and therapy. Rapid Communications in Mass Spectrometry, 2021, 35, e8976.	0.7	10
16	Grape seed extract effects on hippocampal neurogenesis, synaptogenesis and dark neurons production in old mice. Can this extract improve learning and memory in aged animals?. Nutritional Neuroscience, 2022, 25, 1962-1972.	1.5	10
17	Metabolic Disruption by Naturally Occurring Mycotoxins in Circulation: A Focus on Vascular and Bone Homeostasis Dysfunction. Frontiers in Nutrition, 0, 9, .	1.6	6
18	Cell and molecular toxicity of lanthanum nanoparticles: are there possible risks to humans?. Nanotoxicology, 2021, 15, 1-22.	1.6	4

#	Article	IF	Citations
19	Maternal exposure to silicon dioxide nanoparticles reduces hippocampal neurogenesis and synaptogenesis and induces neurodegeneration in rat offspring hippocampus. Toxicology and Industrial Health, 2022, 38, 41-52.	0.6	4
20	The benefits of grape seed extract in neurological disorders and brain aging. Nutritional Neuroscience, 2023, 26, 369-383.	1.5	3
21	Progress and prospects of biological approaches targeting PCSK9 for cholesterol-lowering, from molecular mechanism to clinical efficacy. Expert Opinion on Biological Therapy, 2020, 20, 1477-1489.	1.4	2
22	Public Health Risks Associated with Low Concentration of Food-Borne Toxins. Journal of Blood & Lymph, 2017, 07, .	0.0	2
23	Gene Expression Quantification of Toll like Receptors 2, 4 and Co-molecules in Human Glioblastoma Cell Line (U87-MG): Toward a New In vitro Model of Inflammation. Iranian Journal of Basic Medical Sciences, 2011, 14, 428-35.	1.0	2
24	Environmentally occurring aflatoxins B ₁ and M ₁ notifyably harms pancreatic islets. Toxin Reviews, 2023, 42, 51-60.	1.5	2
25	Embryonic Cell Extracts Ameliorate Wound Healing in Diabetic Mice. Diabetes, 2018, 67, .	0.3	0
26	The Association of Proprotein Convertase Subtilisin/Kexin Type 9 to Plasma Low-Density Lipoproteins: An Evaluation of Different Methods. Metabolites, 2021, 11, 861.	1.3	0