

Aleksandra Buha

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.

70
papers

1,784
citations

24
h-index

41
g-index

92
ext. papers

2,446
ext. citations

4.7
avg, IF

5.31
L-index

#	Paper	IF	Citations
70	Insight into the oxidative stress induced by lead and/or cadmium in blood, liver and kidneys. <i>Food and Chemical Toxicology</i> , 2015 , 78, 130-40	4.7	283
69	Toxic Effect of Acute Cadmium and Lead Exposure in Rat Blood, Liver, and Kidney. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	142
68	Cadmium toxicity revisited: focus on oxidative stress induction and interactions with zinc and magnesium. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2011 , 62, 65-76	1.7	105
67	Overview of Cadmium Thyroid Disrupting Effects and Mechanisms. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	95
66	Nonlinear responses to waterborne cadmium exposure in zebrafish. An in vivo study. <i>Environmental Research</i> , 2017 , 157, 173-181	7.9	63
65	Environmental cadmium exposure and pancreatic cancer: Evidence from case control, animal and in vitro studies. <i>Environment International</i> , 2019 , 128, 353-361	12.9	60
64	Arsenic Toxicity: Molecular Targets and Therapeutic Agents. <i>Biomolecules</i> , 2020 , 10,	5.9	57
63	Potential Applications of NRF2 Modulators in Cancer Therapy. <i>Antioxidants</i> , 2020 , 9,	7.1	56
62	The impact of prolonged cadmium exposure and co-exposure with polychlorinated biphenyls on thyroid function in rats. <i>Toxicology Letters</i> , 2013 , 221, 83-90	4.4	55
61	Cadmium Exposure as a Putative Risk Factor for the Development of Pancreatic Cancer: Three Different Lines of Evidence. <i>BioMed Research International</i> , 2017 , 2017, 1981837	3	50
60	Critical assessment and integration of separate lines of evidence for risk assessment of chemical mixtures. <i>Archives of Toxicology</i> , 2019 , 93, 2741-2757	5.8	49
59	An overview of molecular mechanisms in cadmium toxicity. <i>Current Opinion in Toxicology</i> , 2020 , 19, 56-62.4	4.4	47
58	Toxic-Metal-Induced Alteration in miRNA Expression Profile as a Proposed Mechanism for Disease Development. <i>Cells</i> , 2020 , 9,	7.9	44
57	Bone mineral health is sensitively related to environmental cadmium exposure- experimental and human data. <i>Environmental Research</i> , 2019 , 176, 108539	7.9	41
56	A Review on Coordination Properties of Thiol-Containing Chelating Agents Towards Mercury, Cadmium, and Lead. <i>Molecules</i> , 2019 , 24,	4.8	40
55	Heavy metal and pesticide exposure: A mixture of potential toxicity and carcinogenicity. <i>Current Opinion in Toxicology</i> , 2020 , 19, 72-79	4.4	38
54	Analysis of the intricate effects of polyunsaturated fatty acids and polyphenols on inflammatory pathways in health and disease. <i>Food and Chemical Toxicology</i> , 2020 , 143, 111558	4.7	33

53	Route-dependent effects of cadmium/cadmium and magnesium acute treatment on parameters of oxidative stress in rat liver. <i>Food and Chemical Toxicology</i> , 2012 , 50, 552-7	4.7	33
52	Indicator PCBs in farmed and wild fish in Greece - Risk assessment for the Greek population. <i>Food and Chemical Toxicology</i> , 2019 , 127, 260-269	4.7	29
51	The Treatment of Cognitive, Behavioural and Motor Impairments from Brain Injury and Neurodegenerative Diseases through Cannabinoid System Modulation-Evidence from In Vivo Studies. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	29
50	An overview of the safety assessment of medicines currently used in the COVID-19 disease treatment. <i>Food and Chemical Toxicology</i> , 2020 , 144, 111639	4.7	28
49	Potential interaction of cadmium chloride with pancreatic mitochondria: Implications for pancreatic cancer. <i>International Journal of Molecular Medicine</i> , 2019 , 44, 145-156	4.4	27
48	Toxic Effects of the Mixture of Phthalates and Bisphenol A-Subacute Oral Toxicity Study in Wistar Rats. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	27
47	Effects of oral and intraperitoneal magnesium treatment against cadmium-induced oxidative stress in plasma of rats. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2012 , 63, 247-54	1.7	27
46	Can zinc supplementation ameliorate cadmium-induced alterations in the bioelement content in rabbits?. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2017 , 68, 38-45	1.7	23
45	Emerging Links between Cadmium Exposure and Insulin Resistance: Human, Animal, and Cell Study Data. <i>Toxics</i> , 2020 , 8,	4.7	23
44	Polychlorinated biphenyls as oxidative stress inducers in liver of subacutely exposed rats: implication for dose-dependence toxicity and benchmark dose concept. <i>Environmental Research</i> , 2015 , 136, 309-17	7.9	22
43	Cadmium sulfide-induced toxicity in the cortex and cerebellum: and studies. <i>Toxicology Reports</i> , 2020 , 7, 637-648	4.8	20
42	Multi-strain probiotic ameliorated toxic effects of phthalates and bisphenol A mixture in Wistar rats. <i>Food and Chemical Toxicology</i> , 2020 , 143, 111540	4.7	19
41	Long-term effects of chromium on morphological and immunological parameters of Wistar rats. <i>Food and Chemical Toxicology</i> , 2019 , 133, 110748	4.7	18
40	Effect of magnesium supplementation on the distribution patterns of zinc, copper, and magnesium in rabbits exposed to prolonged cadmium intoxication. <i>Scientific World Journal, The</i> , 2012 , 2012, 572514 ^{2.2}	4.2	16
39	The influence of smoking habits on cadmium and lead blood levels in the Serbian adult people. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 751-760	5.1	16
38	Interactions between cadmium and decabrominated diphenyl ether on blood cells count in rats-Multiple factorial regression analysis. <i>Toxicology</i> , 2017 , 376, 120-125	4.4	15
37	Endocrine-disrupting mechanisms of polychlorinated biphenyls. <i>Current Opinion in Toxicology</i> , 2020 , 19, 42-49	4.4	15
36	Safety assessment of drug combinations used in COVID-19 treatment: in silico toxicogenomic data-mining approach. <i>Toxicology and Applied Pharmacology</i> , 2020 , 406, 115237	4.6	12

35	Oxidative stress and renal toxicity after subacute exposure to decabrominated diphenyl ether in Wistar rats. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 7223-7230	5.1	10
34	Elucidating the influence of environmentally relevant toxic metal mixture on molecular mechanisms involved in the development of neurodegenerative diseases: In silico toxicogenomic data-mining. <i>Environmental Research</i> , 2021 , 194, 110727	7.9	10
33	Combining in vivo pathohistological and redox status analysis with in silico toxicogenomic study to explore the phthalates and bisphenol A mixture-induced testicular toxicity. <i>Chemosphere</i> , 2021 , 267, 129296	8.4	10
32	The Role of Toxic Metals and Metalloids in Nrf2 Signaling. <i>Antioxidants</i> , 2021 , 10,	7.1	9
31	Probiotic reduced the impact of phthalates and bisphenol A mixture on type 2 diabetes mellitus development: Merging bioinformatics with in vivo analysis. <i>Food and Chemical Toxicology</i> , 2021 , 154, 112325	4.7	7
30	Oxidative stress, metallomics and blood toxicity after subacute low-level lead exposure in Wistar rats: Benchmark dose analyses. <i>Environmental Pollution</i> , 2021 , 291, 118103	9.3	7
29	Xenobiotics, Trace Metals and Genetics in the Pathogenesis of Tauopathies. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	6
28	Sirtuins as molecular targets, mediators, and protective agents in metal-induced toxicity. <i>Archives of Toxicology</i> , 2021 , 95, 2263-2278	5.8	6
27	An Integrative in silico Drug Repurposing Approach for Identification of Potential Inhibitors of SARS-CoV-2 Main Protease. <i>Molecular Informatics</i> , 2021 , 40, e2000187	3.8	5
26	Cadmium tissue level in women diagnosed with breast cancer - A case control study. <i>Environmental Research</i> , 2021 , 199, 111300	7.9	5
25	Environmental and health hazards of military metal pollution. <i>Environmental Research</i> , 2021 , 201, 111568.9	6.9	5
24	Comparison of oximes K203 and K027 based on Benchmark dose analysis of rat diaphragmal acetylcholinesterase reactivation. <i>Chemico-Biological Interactions</i> , 2019 , 308, 385-391	5	4
23	Threshold in the toxicology of metals: Challenges and pitfalls of the concept. <i>Current Opinion in Toxicology</i> , 2020 , 19, 28-33	4.4	4
22	Genotoxicity of fluoride subacute exposure in rats and selenium intervention. <i>Chemosphere</i> , 2021 , 266, 128978	8.4	4
21	Endocrine disruption and human health risk assessment in the light of real-life risk simulation 2021 , 147-162		4
20	Cadmium, Mercury and Lead in <i>Hypericum perforatum</i> L. collected in Western Serbia. <i>E3S Web of Conferences</i> , 2013 , 1, 15009	0.5	3
19	Potential genomic biomarkers of obesity and its comorbidities for phthalates and bisphenol A mixture: In silico toxicogenomic approach. <i>Biocell</i> , 2022 , 46, 519-533	1.9	3
18	MicroRNA-Regulated Signaling Pathways: Potential Biomarkers for Pancreatic Ductal Adenocarcinoma. <i>Stresses</i> , 2021 , 1, 30-47		3

17	Arsenic in drinking water in Northern region of Serbia. <i>E3S Web of Conferences</i> , 2013 , 1, 24006	0.5	2
16	PFAS Molecules: A Major Concern for the Human Health and the Environment.. <i>Toxics</i> , 2022 , 10,	4.7	2
15	Low-lead doses induce oxidative damage in cardiac tissue: Subacute toxicity study in Wistar rats and Benchmark dose modelling.. <i>Food and Chemical Toxicology</i> , 2022 , 161, 112825	4.7	2
14	Safety of antiretroviral drugs. <i>Arhiv Za Farmaciju</i> , 2016 , 66, 161-173	0.2	2
13	Assessment of the combined effects of chromium and benzene on the rat neuroendocrine and immune systems. <i>Environmental Research</i> , 2021 , 112096	7.9	2
12	Comprehensive insight into the neurotoxic mechanisms of low dose Pb exposure in Wistar rats: Benchmark dose analysis.. <i>Chemico-Biological Interactions</i> , 2022 , 109932	5	2
11	Benchmark dose approach in investigating the relationship between blood metal levels and reproductive hormones: Data set from human study. <i>Environment International</i> , 2022 , 165, 107313	12.9	2
10	The Role of Persistent Organic Pollutants in Obesity: A Review of Laboratory and Epidemiological Studies.. <i>Toxics</i> , 2022 , 10,	4.7	1
9	Liver function alterations among workers in the shoe industry due to combined low-level exposure to organic solvents. <i>Drug and Chemical Toxicology</i> , 2021 , 1-8	2.3	1
8	Focusing on the brighter side of Sevoflurane: Realizing true potential of an anesthetic agent as a regulator of cell signaling pathways and microRNAs in different cancers. <i>Cellular and Molecular Biology</i> , 2019 , 65, 7-10	1.1	1
7	Role of microRNAs in response to cadmium chloride in pancreatic ductal adenocarcinoma.. <i>Archives of Toxicology</i> , 2021 , 96, 467	5.8	1
6	Integrating in silico with in vivo approach to investigate phthalate and bisphenol A mixture-linked asthma development: Positive probiotic intervention. <i>Food and Chemical Toxicology</i> , 2021 , 158, 112671	4.7	0
5	Possible role of lead in breast cancer - a case-control study.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
4	Protective role of sulforaphane against phthalate and bisphenol A mixture linked hepatocellular carcinoma: in silico toxicogenomic datamining. <i>Makedonsko Farmaceutski Bilten</i> , 2020 , 66, 9-10	0.1	
3	Investigations of effects of magnesium, zinc and copper on cadmium excretion in rabbits. <i>Veterinarski Glasnik</i> , 2012 , 66, 395-406	0.8	
2	Relative Liver Weight in Rats Subcutely Exposed to Polychlorinated Biphenyls. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2013 , 287-294	0.3	
1	Regulation of signaling pathways by Ampelopsin (Dihydromyricetin) in different cancers: exploring the highways and byways less travelled. <i>Cellular and Molecular Biology</i> , 2019 , 65, 15-20	1.1	