

Jãolius Arvay

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

912
citations

567144

15
h-index

526166

27
g-index

67
all docs

67
docs citations

67
times ranked

1031
citing authors

#	ARTICLE	IF	CITATIONS
1	Contamination of wild-grown edible mushrooms by heavy metals in a former mercury-mining area. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2014, 49, 815-827.	0.7	82
2	Environmental Contamination by Heavy Metals in Region with Previous Mining Activity. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 569-575.	1.3	67
3	Assessment of environmental and health risks in former polymetallic ore mining and smelting area, Slovakia: Spatial distribution and accumulation of mercury in four different ecosystems. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 236-244.	2.9	48
4	Human exposure to heavy metals and possible public health risks via consumption of wild edible mushrooms from Slovak Paradise National Park, Slovakia. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2015, 50, 833-843.	0.7	46
5	The temperature threshold for the transformation of rutin to quercetin in Tartary buckwheat dough. <i>Food Chemistry</i> , 2019, 283, 28-31.	4.2	40
6	Accumulation and environmental risk assessment of heavy metals in soil and plants of four different ecosystems in a former polymetallic ores mining and smelting area (Slovakia). <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017, 52, 479-490.	0.9	39
7	The effect of roasting on the total polyphenols and antioxidant activity of coffee. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2020, 55, 495-500.	0.7	37
8	Seasonal variations in the blood concentration of selected heavy metals in sheep and their effects on the biochemical and hematological parameters. <i>Chemosphere</i> , 2017, 168, 365-371.	4.2	34
9	Anti-inflammatory and antioxidant effect of fermented whole wheat on TNF α -stimulated HT-29 and NF- κ B signaling pathway activation. <i>Journal of Functional Foods</i> , 2018, 45, 392-400.	1.6	33
10	Trace Metals in the Freshwater Fish <i>Cyprinus carpio</i> : Effect to Serum Biochemistry and Oxidative Status Markers. <i>Biological Trace Element Research</i> , 2019, 188, 494-507.	1.9	30
11	Hydrothermal treatment of Tartary buckwheat grain hinders the transformation of rutin to quercetin. <i>Journal of Cereal Science</i> , 2016, 72, 131-134.	1.8	28
12	Biomonitoring of heavy metals contamination by mosses and lichens around Slovinky tailing pond (Slovakia). <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017, 52, 30-36.	0.9	27
13	Wild Italian <i>Prunus spinosa</i> L. Fruit Exerts In Vitro Antimicrobial Activity and Protects Against In Vitro and In Vivo Oxidative Stress. <i>Foods</i> , 2020, 9, 5.	1.9	24
14	Trace elements content in semen and their interactions with sperm quality and RedOx status in freshwater fish <i>Cyprinus carpio</i> : A correlation study. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 399-407.	1.5	22
15	Concentrations of Phenolic Acids Are Differently Genetically Determined in Leaves, Flowers, and Grain of Common Buckwheat (<i>Fagopyrum esculentum</i> Moench). <i>Plants</i> , 2021, 10, 1142.	1.6	20
16	Open mining pits and heaps of waste material as the source of undesirable substances: biomonitoring of air and soil pollution in former mining area (Dubnik, Slovakia). <i>Environmental Science and Pollution Research</i> , 2019, 26, 35227-35239.	2.7	18
17	Assessment of air pollution by toxic elements on petrol stations using moss and lichen bag technique. <i>Plant, Soil and Environment</i> , 2017, 63, 355-361.	1.0	15
18	Phenolic compounds, antioxidant activity and Cu, Zn, Cd and Pb content in wild and cultivated cranberries and blueberries. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 1445-1451.	1.8	14

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37	The comparison of biological activity of chocolates made by different technological procedures. <i>Potravinarstvo</i> , 2016, 10, 316-322.	0.5	7
38	Variability of Bioactive Substances in Potatoes (<i>Solanum Tuberosum</i> L.) Depending on Variety and Maturity. <i>Agronomy</i> , 2022, 12, 1454.	1.3	7
39	Hydrothermal Treatments Affecting the Concentration of Neochlorogenic Acid in Dough of Tartary Buckwheat. <i>Agriculture (Switzerland)</i> , 2020, 10, 601.	1.4	6
40	Biomonitoring Road Dust Pollution Along Streets with Various Traffic Densities. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 3687-3696.	0.6	6
41	Determination of heavy metals concentration in raw sheep milk from mercury polluted area. <i>Potravinarstvo</i> , 2016, 10, 95-99.	0.5	6
42	The effect of <i>Apium Graveolens</i> L., <i>Levisticum Officinale</i> and <i>Calendula Officinalis</i> L. on cell viability, membrane integrity, steroidogenesis, and intercellular communication in mice Leydig cells in vitro. <i>Physiological Research</i> , 2021, 70, 615-625.	0.4	5
43	Effect of essential oils of Lamiaceae plants on the <i>Rhizopus</i> spp.. <i>Potravinarstvo</i> , 2018, 12, .	0.5	5
44	Mercury in scarletina bolete mushroom (<i>Neoboletus luridiformis</i>): Intake, spatial distribution in the fruiting body, accumulation ability and health risk assessment. <i>Ecotoxicology and Environmental Safety</i> , 2022, 232, 113235.	2.9	5
45	Surface-dwelling soil macrofauna and ground beetles (coleoptera: carabidae) of metal post-mining spoil heapsâ€”community composition and potential risk element bioaccumulation. <i>Chemistry and Ecology</i> , 0, , 1-22.	0.6	4
46	The Effect of <i>Amanita rubescens</i> Pers Developmental Stages on Aroma Profile. <i>Journal of Fungi (Basel)</i> , Tj ETQq0 0 0 ggBT /Overlock 10 T	1.5	4
47	THE HEAVY METAL CONTENT IN SELECTED KIND OF SPICES. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2018, 8, 760-764.	0.4	4
48	Characteristics of extruded cereal snacks enriched by an addition of freezeâ€”dried red and purple potatoes. <i>Journal of Food Process Engineering</i> , 2018, 41, e12927.	1.5	3
49	Macro- and Micro-elements in Locallyâ€”Producedâ€”and Importedâ€”Fruits on Czech Market: aâ€”Quantitative Assessment. <i>Erwerbs-Obstbau</i> , 2020, 62, 361-367.	0.5	3
50	Antioxidant Effects of Marigold (<i>Calendula officinalis</i>) Flower Extract on the Oxidative Balance of Bovine Spermatozoa. <i>Contemporary Agriculture</i> , 2019, 68, 92-102.	0.3	3
51	Effect of essential oils of Myrtaceae plants on the <i>Penicillium commune</i> . <i>Potravinarstvo</i> , 2019, 13, 604-613.	0.5	3
52	THE CADMIUM INTAKE OF SELECTED LEGUMES IN MODEL CONDITIONS. <i>Potravinarstvo</i> , 2012, 6, .	0.5	3
53	Antioxidant properties, total phenolic and total flavonoid content of the Slovak white wines â€” welschriesling and chardonnay. <i>Potravinarstvo</i> , 2017, 11, .	0.5	3
54	PHENOLIC COMPOUNDS AND ANTIRADICAL ACTIVITY IN TOKAJ WINES. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2018, 8, 955-959.	0.4	3

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55	HEAVY METALS CONTENT IN SHEEP PRODUCTS FROM MIDDLE SPIÅ. Journal of Microbiology, Biotechnology and Food Sciences, 2015, 4, 138-141.	0.4	2
56	Biogenic and Risk Elements in Walnuts (<i>Juglans regia</i> L.) from Chosen Localities of Slovakia. Biological Trace Element Research, 2021, 199, 2047-2056.	1.9	2
57	Mercury in <i>Macrolepiota procera</i> (Scop.) Singer and Its Underlying Substrate Environmental and Health Risks Assessment. Journal of Fungi (Basel, Switzerland), 2021, 7, 772.	1.5	2
58	Determination of volatile organic compounds in Slovak bryndza cheese by the electronic nose and the headspace solid-phase microextraction gas chromatography-mass spectrometry. Potravinarstvo, 0, 14, 767-773.	0.5	2
59	The hypolipidemic, anti-inflammatory and antioxidant effect of KavoÄ-Ä aqueous extract, a mixture of <i>Brassica oleracea</i> leaves, in a rat model of NAFLD. Food and Chemical Toxicology, 2022, 167, 113261.	1.8	2
60	Characterization of Moravian Wines by Selected Chemical Parameters. Separations, 2021, 8, 89.	1.1	1
61	Methylxanthines and catechines in different teas (<i>Camellia sinensis</i> L. Kuntze) influence on antioxidant properties. Potravinarstvo, 2017, 11, .	0.5	1
62	The Effect of Different Forms of Sulphur on Incidence of Apple Scab on Apple Tree (<i>Malus x domestica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.5	1
63	Aroma profile and lactic acid bacteria characteristic of traditional Slovak cheese "May bryndza". Food Science and Technology International, 2021, , 108201322110399.	1.1	0
64	THE EFFECT OF RATIONALIZATION OF GROWING SYSTEMS ON INTAKE OF IRON, POTASSIUM INTO BARLEY GRAIN. Journal of Central European Agriculture, 2013, 14, 209-218.	0.3	0
65	Copper content in cereals grown in the model condition. Potravinarstvo, 2017, 11, 20-25.	0.5	0
66	VERTICAL DISTRIBUTION OF RISK ELEMENTS IN DIFFERENT METAL-LOADED AGRICULTURAL SOILS. , 2019, , .		0
67	SPATIAL DISTRIBUTION OF RISK ELEMENTS IN ENVIRONMENTALLY LOADED SOIL - ENVIRONMENTAL RISKS ASSESSMENT. , 2019, , .		0