JÃºlius Ãrvay

List of Publications by Year
in descending order

67	912	567144 15	526166 27
papers	citations	h-index	g-index

67	67	67	1031
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mercury in scarletina bolete mushroom (Neoboletus luridiformis): Intake, spatial distribution in the fruiting body, accumulation ability and health risk assessment. Ecotoxicology and Environmental Safety, 2022, 232, 113235.	2.9	5
2	Changes in Antioxidant Properties and Phenolics in Sweet Potatoes (Ipomoea batatas L.) Due to Heat Treatments. Molecules, 2022, 27, 1884.	1.7	14
3	Variability of Bioactive Substances in Potatoes (Solanum Tuberosum L.) Depending on Variety and Maturity. Agronomy, 2022, 12, 1454.	1.3	7
4	The hypolipidemic, anti-inflammatory and antioxidant effect of KavolÃ¬Â® aqueous extract, a mixture of Brassica oleracea leaves, in a rat model of NAFLD. Food and Chemical Toxicology, 2022, 167, 113261.	1.8	2
5	Biogenic and Risk Elements in Walnuts (Juglans regia L.) from Chosen Localities of Slovakia. Biological Trace Element Research, 2021, 199, 2047-2056.	1.9	2
6	Mercury Content in Three Edible Wild-Growing Mushroom Species from Different Environmentally Loaded Areas in Slovakia: An Ecological and Human Health Risk Assessment. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	14
7	Concentrations of Phenolic Acids Are Differently Genetically Determined in Leaves, Flowers, and Grain of Common Buckwheat (Fagopyrum esculentum Moench). Plants, 2021, 10, 1142.	1.6	20
8	Characterization of Moravian Wines by Selected Chemical Parameters. Separations, 2021, 8, 89.	1.1	1
9	The Effect of Amanita rubescens Pers Developmental Stages on Aroma Profile. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /Over	1.5	4
10	The effect of Apium Graveolens L., Levisticum Officinale and Calendula Officinalis L. on cell viability, membrane integrity, steroidogenesis, and intercellular communication in mice Leydig cells in vitro. Physiological Research, 2021, 70, 615-625.	0.4	5
11	Detection of Changes in Total Antioxidant Capacity, the Content of Polyphenols, Caffeine, and Heavy Metals of Teas in Relation to Their Origin and Fermentation. Foods, 2021, 10, 1821.	1.9	12
12	Mercury in Macrolepiota procera (Scop.) Singer and Its Underlying Substrateâ€"Environmental and Health Risks Assessment. Journal of Fungi (Basel, Switzerland), 2021, 7, 772.	1.5	2
13	Aroma profile and lactic acid bacteria characteristic of traditional Slovak cheese â€œMay bryndzaâ€• Food Science and Technology International, 2021, , 108201322110399.	1.1	0
14	Impact of cadmium and nickel on ion homeostasis in the yeast Schizosaccharomyces pombe. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2020, 55, 166-173.	0.7	9
15	Content of Mineral Elements in the Traditional OÅ¡tiepok Cheese. Biological Trace Element Research, 2020, 196, 639-645.	1.9	13
16	Wild Italian Prunus spinosa L. Fruit Exerts In Vitro Antimicrobial Activity and Protects Against In Vitro and In Vivo Oxidative Stress. Foods, 2020, 9, 5.	1.9	24
17	Characterization of the Omija (Schisandra chinensis) Extract and Its Effects on the Bovine Sperm Vitality and Oxidative Profile during In Vitro Storage. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-15.	0.5	8
18	Fertilization with Magnesium- and Sulfur-Supplemented Digestate Increases the Yield and Quality of Kohlrabi. Sustainability, 2020, 12, 5733.	1.6	8

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19	Macro- and Micro-elements in LocallyÂProducedÂand ImportedÂFruits on Czech Market: aÂQuantitative Assessment. Erwerbs-Obstbau, 2020, 62, 361-367.	0.5	3
20	Hydrothermal Treatments Affecting the Concentration of Neochlorogenic Acid in Dough of Tartary Buckwheat. Agriculture (Switzerland), 2020, 10, 601.	1.4	6
21	Evaluation of Soil and Ambient Air Pollution Around Un-reclaimed Mining Bodies in NiÅ¾nÃ¡ SlanÃ¡ (Slovakia) Post-Mining Area. Toxics, 2020, 8, 96.	1.6	13
22	Essential and xenobiotic elements in cottage cheese from the Slovak market with a consumer risk assessment. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2020, 55, 677-686.	0.7	10
23	The effect of roasting on the total polyphenols and antioxidant activity of coffee. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2020, 55, 495-500.	0.7	37
24	Trace Metals in the Freshwater Fish Cyprinus carpio: Effect to Serum Biochemistry and Oxidative Status Markers. Biological Trace Element Research, 2019, 188, 494-507.	1.9	30
25	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). Environmental Science and Pollution Research, 2019, 26, 35227-35239.	2.7	18
26	Activity of the soil enzymes and moss and lichen biomonitoring method used for the evaluation of soil and air pollution from tailing pond in NiÅ¾nÃ¡ SlanÃ¡ (Slovakia). Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2019, 54, 495-507.	0.9	14
27	Concentration of Micro- and Macro-Elements in Green and Roasted Coffee: Influence of Roasting Degree and Risk Assessment for the Consumers. Biological Trace Element Research, 2019, 190, 226-233.	1.9	9
28	The temperature threshold for the transformation of rutin to quercetin in Tartary buckwheat dough. Food Chemistry, 2019, 283, 28-31.	4.2	40
29	Polyphenolic characterisation of plant mixture (LisosanÂ® Reduction) and its hypocholesterolaemic effect in high fat diet-fed mice. Natural Product Research, 2019, 33, 651-658.	1.0	13
30	Biomonitoring Road Dust Pollution Along Streets with Various Traffic Densities. Polish Journal of Environmental Studies, 2019, 28, 3687-3696.	0.6	6
31	DETERMINATION OF ELEMENTS IN WILD EDIBLE MUSHROOMS: LEVELS AND RISK ASSESSMENT. Journal of Microbiology, Biotechnology and Food Sciences, 2019, 8, 999-1004.	0.4	9
32	Antioxidant Effects of Marigold (Calendula officinalis) Flower Extract on the Oxidative Balance of Bovine Spermatozoa. Contemporary Agriculture, 2019, 68, 92-102.	0.3	3
33	Effect of essential oils of Myrtaceae plants on the Penicillium commune. Potravinarstvo, 2019, 13, 604-613.	0.5	3
34	The Effect of Different Forms of Sulphur on Incidence of Apple Scab on Apple Tree (Malus x domestica) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.3	1
35	VERTICAL DISTRIBUTION OF RISK ELEMENTS IN DIFFERENT METAL-LOADED AGRICULTURAL SOILS. , 2019, , .		0
36	SPATIAL DISTRIBUTION OF RISK ELEMENTS IN ENVIRONMENTALLY LOADED SOIL - ENVIRONMENTAL RISKS ASSESSMENT. , 2019, , .		0

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37	Anti-inflammatory and antioxidant effect of fermented whole wheat on TNFÎ±-stimulated HT-29 and NF-ÎºB signaling pathway activation. Journal of Functional Foods, 2018, 45, 392-400.	1.6	33
38	Characteristics of extruded cereal snacks enriched by an addition of freezeâ€dried red and purple potatoes. Journal of Food Process Engineering, 2018, 41, e12927.	1.5	3
39	Trace elements content in semen and their interactions with sperm quality and RedOx status in freshwater fish Cyprinus carpio: A correlation study. Journal of Trace Elements in Medicine and Biology, 2018, 50, 399-407.	1.5	22
40	Effect of essential oils of Lamiaceae plants on the Rhizopus spp.. Potravinarstvo, 2018, 12, .	0.5	5
41	THE HEAVY METAL CONTENT IN SELECTED KIND OF SPICES. Journal of Microbiology, Biotechnology and Food Sciences, 2018, 8, 760-764.	0.4	4
42	PHENOLIC COMPOUNDS AND ANTIRADICAL ACTIVITY IN TOKAJ WINES. Journal of Microbiology, Biotechnology and Food Sciences, 2018, 8, 955-959.	0.4	3
43	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). Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2017, 52, 479-490.	0.9	39
44	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. Ecotoxicology and Environmental Safety, 2017, 144, 236-244.	2.9	48
45	Seasonal variations in the blood concentration of selected heavy metals in sheep and their effects on the biochemical and hematological parameters. Chemosphere, 2017, 168, 365-371.	4.2	34
46	Gluten-free bread with an addition of freeze-dried red and purple potatoes as a source of phenolic compounds in gluten-free diet. International Journal of Food Sciences and Nutrition, 2017, 68, 43-51.	1.3	9
47	Biomonitoring of heavy metals contamination by mosses and lichens around Slovinky tailing pond (Slovakia). Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2017, 52, 30-36.	0.9	27
48	Assessment of air pollution by toxic elements on petrol stations using moss and lichen bag technique. Plant, Soil and Environment, 2017, 63, 355-361.	1.0	15
49	Polyphenols and phenolic acids in sweet potato (Ipomoea batatas L.) roots. Potravinarstvo, 2017, 11, .	0.5	12
50	Copper content in cereals grown in the model condition. Potravinarstvo, 2017, 11, 20-25.	0.5	0
51	Antioxidant properties, total phenolic and total flavonoid content of the Slovak white wines â€“ welschriesling and chardonnay. Potravinarstvo, 2017, 11, .	0.5	3
52	Methylxanthines and catechines in different teas (Camellia sinensis L. Kuntze) â€“ influence on antioxidant properties. Potravinarstvo, 2017, 11, .	0.5	1
53	Hydrothermal treatment of Tartary buckwheat grain hinders the transformation of rutin to quercetin. Journal of Cereal Science, 2016, 72, 131-134.	1.8	28
54	Environmental Contamination by Heavy Metals in Region with Previous Mining Activity. Bulletin of Environmental Contamination and Toxicology, 2016, 97, 569-575.	1.3	67

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55	Heavy metals determination in edible wild mushrooms growing in former mining area - Slovakia: Health risk assessment. Potravinarstvo, 2016, 10, 37-46.	0.5	8
56	Determination of heavy metals concentration in raw sheep milk from mercury polluted area. Potravinarstvo, 2016, 10, 95-99.	0.5	6
57	The comparison of biological activity of chocolates made by different technological procedures. Potravinarstvo, 2016, 10, 316-322.	0.5	7
58	HEAVY METALS CONTENT IN SHEEP PRODUCTS FROM MIDLE SPIÅ. Journal of Microbiology, Biotechnology and Food Sciences, 2015, 4, 138-141.	0.4	2
59	Human exposure to heavy metals and possible public health risks via consumption of wild edible mushrooms from Slovak Paradise National Park, Slovakia. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2015, 50, 833-843.	0.7	46
60	Mercury in edible wild-grown mushrooms from historical mining area â€“ Slovakia: bioaccumulation and risk assessment. Journal of Microbiology, Biotechnology and Food Sciences, 2015, 4, 1-4.	0.4	12
61	Determination of mercury, cadmium and lead contents in different tea and teas infusions (Camelia) Tj ETQq1 1 0.784314 rgBT /Overlo	0.5	8
62	Contamination of wild-grown edible mushrooms by heavy metals in a former mercury-mining area. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2014, 49, 815-827.	0.7	82
63	Phenolic compounds, antioxidant activity and Cu, Zn, Cd and Pb content in wild and cultivated cranberries and blueberries. International Journal of Environmental Analytical Chemistry, 2014, 94, 1445-1451.	1.8	14
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	THE CADMIUM INTAKE OF SELECTED LEGUMES IN MODEL CONDITIONS. Potravinarstvo, 2012, 6, .	0.5	3
66	Surface-dwelling soil macrofauna and ground beetles (coleoptera: carabidae) of metal post-mining spoil heapsâ€“community composition and potential risk element bioaccumulation. Chemistry and Ecology, 0, , 1-22.	0.6	4
67	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