

Jiřina Szřkovř

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4019186/publications.pdf>

Version: 2024-02-01

246
papers

5,562
citations

70961

41
h-index

123241

61
g-index

247
all docs

247
docs citations

247
times ranked

5873
citing authors

#	ARTICLE	IF	CITATIONS
1	Arsenic and lead in soil: impacts on element mobility and bioaccessibility. <i>Environmental Geochemistry and Health</i> , 2022, 44, 943-959.	1.8	7
2	Biochar applications enhance the phytoextraction potential of <i>Salix smithiana</i> [Willd.] (willow) in heavily contaminated soil: potential for a sustainable remediation method?. <i>Journal of Soils and Sediments</i> , 2022, 22, 905-915.	1.5	5
3	Exchangeable and Plant-Available Macronutrients in a Long-Term Tillage and Crop Rotation Experiment after 15 Years. <i>Plants</i> , 2022, 11, 565.	1.6	3
4	Soil microbial communities following 20 years of fertilization and crop rotation practices in the Czech Republic. <i>Environmental Microbiomes</i> , 2022, 17, 13.	2.2	7
5	Is the harvest of <i>Salix</i> and <i>Populus</i> clones in the growing season truly advantageous for the phytoextraction of metals from a long-term perspective?. <i>Science of the Total Environment</i> , 2022, 838, 156630.	3.9	3
6	Pyrolysis of biosolids as an effective tool to reduce the uptake of pharmaceuticals by plants. <i>Journal of Hazardous Materials</i> , 2021, 405, 124278.	6.5	17
7	The risk assessment of inorganic and organic pollutant levels in an urban area affected by intensive industry. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 68.	1.3	4
8	Changes in soil carbon and nitrogen accessibility with the application of biochars with different morphological and physical characteristics. <i>Journal of Soils and Sediments</i> , 2021, 21, 1644-1658.	1.5	5
9	Co-application of high temperature biochar with 3,4-dimethylpyrazole-phosphate treated ammonium sulphate improves nitrogen use efficiency in maize. <i>Scientific Reports</i> , 2021, 11, 5711.	1.6	8
10	Inorganic and Organic Pollutant Levels in Soil and Vegetation of a Medium-Sized Urban Area. <i>Polish Journal of Environmental Studies</i> , 2021, 30, 4425-4435.	0.6	0
11	The role of low molecular weight organic acids in the release of phosphorus from sewage sludge-based biochar. <i>International Journal of Transgender Health</i> , 2021, 14, 599-609.	1.1	10
12	Response of some characteristics of selected beneficial soil microorganisms under different potassium fertilizer applications. <i>International Agrophysics</i> , 2021, 35, 289-299.	0.7	0
13	The response of soil nematode <i>Caenorhabditis elegans</i> on the sewage sludge-derived micropollutants. <i>Journal of Hazardous Materials</i> , 2020, 384, 121468.	6.5	7
14	Improved phosphorus fertilisation efficiency of wood ash by fungal strains <i>Penicillium</i> sp. PK112 and <i>Trichoderma harzianum</i> OMC08 on acidic soil. <i>Applied Soil Ecology</i> , 2020, 147, 103360.	2.1	12
15	Microbial Communities in Soils and Endosphere of <i>Solanum tuberosum</i> L. and their Response to Long-Term Fertilization. <i>Microorganisms</i> , 2020, 8, 1377.	1.6	17
16	Response of Soil Microbes and Soil Enzymatic Activity to 20 Years of Fertilization. <i>Agronomy</i> , 2020, 10, 1542.	1.3	7
17	Changes in availability of Ca, K, Mg, P and S in sewage sludge as affected by pyrolysis temperature. <i>Plant, Soil and Environment</i> , 2020, 66, 143-148.	1.0	8
18	The Role of Biochar and Soil Properties in Determining the Available Content of Al, Cu, Zn, Mn, and Cd in Soil. <i>Agronomy</i> , 2020, 10, 885.	1.3	12

#	ARTICLE	IF	CITATIONS
19	Effect of Dry Olive Residueâ€‘Based Biochar and Arbuscular Mycorrhizal Fungi Inoculation on the Nutrient Status and Trace Element Contents in Wheat Grown in the As-, Cd-, Pb-, and Zn-Contaminated Soils. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 1067-1079.	1.7	16
20	Basic soil chemical properties after 15 years in a long-term tillage and crop rotation experiment. <i>International Agrophysics</i> , 2020, 1, 133-140.	0.7	10
21	Implications of mycoremediated dry olive residue application and arbuscular mycorrhizal fungi inoculation on the microbial community composition and functionality in a metal-polluted soil. <i>Journal of Environmental Management</i> , 2019, 247, 756-765.	3.8	12
22	Mobility and bioaccessibility of risk elements in the area affected by the long-term opencast coal mining. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 1159-1169.	0.9	10
23	Mutual relationships of biochar and soil pH, CEC, and exchangeable base cations in a model laboratory experiment. <i>Journal of Soils and Sediments</i> , 2019, 19, 2405-2416.	1.5	130
24	Combined effects of carbonaceous-immobilizing agents and subsequent sulphur application on maize phytoextraction efficiency in highly contaminated soil. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20866-20878.	2.7	3
25	Risk element accumulation in Coleoptera and Hymenoptera (Formicidae) living in an extremely contaminated areaâ€‘a preliminary study. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 432.	1.3	14
26	Rapeseed (<i>Brassica napus</i> L.) biofortification with selenium: How do sulphate and phosphate influence the efficiency of selenate application into soil?. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 2059-2072.	1.3	14
27	Variability of trace element distribution in <i>Noccaea</i> spp., <i>Arabidopsis</i> spp., and <i>Thlaspi arvense</i> leaves: the role of plant species and element accumulation ability. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 181.	1.3	8
28	Is the long-term application of sewage sludge turning soil into a sink for organic pollutants?: evidence from field studies in the Czech Republic. <i>Journal of Soils and Sediments</i> , 2019, 19, 2445-2458.	1.5	10
29	Role of sulphate in affecting soil availability of exogenous selenate (SeO_4^{2-}) under different statuses of soil microbial activity. <i>Plant, Soil and Environment</i> , 2019, 65, 470-476.	1.0	2
30	Selected persistent organic pollutants (POPs) in the rhizosphere of sewage sludge-treated soil: implications for the biodegradability of POPs. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 994-1009.	1.3	17
31	Sample handling and pretreatment as critical points in determining the quality of analytical data during metallothionein determination in wild animals. <i>Ecological Indicators</i> , 2019, 98, 214-217.	2.6	2
32	Fast abiotic sorption of selenates (SeO_4^{2-}) in soils: pitfalls of batch sorption data acquired by inductively coupled plasma quadrupole mass spectrometry (ICP-QMS). <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 566-580.	1.3	2
33	High temperature-produced biochar can be efficient in nitrate loss prevention and carbon sequestration. <i>Geoderma</i> , 2019, 338, 48-55.	2.3	43
34	Effects of Organic Matter-Rich Amendments on Selenium Mobility in Soils. <i>Pedosphere</i> , 2019, 29, 740-751.	2.1	7
35	Scrap Metal Deposits as Potential Sources of Enhanced Risk in Soil and Vegetation. <i>Polish Journal of Environmental Studies</i> , 2019, 29, 841-852.	0.6	1
36	Effects of Two Cadmium Hyperaccumulating Plants (<i>N. Caerulescens</i> And <i>A. Halleri</i>) in Feed on Tissue Burden in Laboratory Rats. <i>Scientia Agriculturae Bohemica</i> , 2019, 50, 46-50.	0.3	0

#	ARTICLE	IF	CITATIONS
37	An assessment of the risk of element contamination of urban and industrial areas using <i>Taraxacum</i> sect. <i>Ruderalia</i> as a bioindicator. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 150.	1.3	16
38	Metabolic transformation and urinary excretion of selenium (Se) in rats fed a Se-enriched defatted rapeseed (<i>Brassica napus</i> , L.) diet. <i>Metallomics</i> , 2018, 10, 579-586.	1.0	4
39	Trace element leaching from contaminated willow and poplar biomass – A laboratory study of potential risks. <i>Biomass and Bioenergy</i> , 2018, 112, 11-18.	2.9	6
40	Effects of summer and winter harvesting on element phytoextraction efficiency of <i>Salix</i> and <i>Populus</i> clones planted on contaminated soil. <i>International Journal of Phytoremediation</i> , 2018, 20, 499-506.	1.7	10
41	How tapeworm infection and consumption of a Cd and Zn hyperaccumulating plant may affect Cu, Fe, and Mn concentrations in an animal – a plant consumer and tapeworm host. <i>Environmental Science and Pollution Research</i> , 2018, 25, 4190-4196.	2.7	4
42	Lead accumulation in rats: The effect of the presence of a rat tapeworm and the different forms of metal in the host diet. <i>Ecological Indicators</i> , 2018, 85, 753-757.	2.6	3
43	Co-application of wood ash and <i>Paenibacillus mucilaginosus</i> to soil: the effect on maize nutritional status, root exudation and composition of soil solution. <i>Plant and Soil</i> , 2018, 428, 105-122.	1.8	14
44	Nutrient status of soil and winter wheat (<i>Triticum aestivum</i> L.) in response to long-term farmyard manure application under different climatic and soil physicochemical conditions in the Czech Republic. <i>Archives of Agronomy and Soil Science</i> , 2018, 64, 70-83.	1.3	11
45	The soil-plant transfer of risk elements within the area of an abandoned gold mine in LibĀice, Czech Republic. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 1267-1276.	0.9	5
46	Effects of tapeworm infection on absorption and excretion of zinc and cadmium by experimental rats. <i>Environmental Science and Pollution Research</i> , 2018, 25, 35464-35470.	2.7	4
47	Effect of tree harvest intervals on the removal of heavy metals from a contaminated soil in a field experiment. <i>Plant, Soil and Environment</i> , 2018, 64, 132-137.	1.0	4
48	Does Zinc Overdose in Rat Diet Alter Cu, Fe, Mn, and Zn Concentrations in a Tapeworm Host?. <i>Scientia Agriculturae Bohemica</i> , 2018, 49, 98-104.	0.3	1
49	The effect of zinc and/or vitamin E supplementation on biochemical parameters of selenium-overdosed rats. <i>Polish Journal of Veterinary Sciences</i> , 2018, 21, 731-740.	0.2	1
50	Regulation of macro, micro, and toxic element uptake by <i>Salix ŀ– smithiana</i> using liming of heavily contaminated soils. <i>Journal of Soils and Sediments</i> , 2017, 17, 1279-1290.	1.5	3
51	Long-term application of organic matter based fertilisers: Advantages or risks for soil biota? A review. <i>Environmental Reviews</i> , 2017, 25, 408-414.	2.1	9
52	The identification of risk and essential elements along the strobila of the rat tapeworm <i>Hymenolepis diminuta</i> . <i>Journal of Helminthology</i> , 2017, 91, 555-560.	0.4	2
53	Study of metal accumulation in tapeworm section using laser ablation-inductively coupled plasma-mass spectrometry (LA-ICP-MS). <i>Microchemical Journal</i> , 2017, 133, 380-390.	2.3	10
54	Efficiency of foliar selenium application on oilseed rape (<i>Brassica napus</i> L.) as influenced by rainfall and soil characteristics. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 1240-1254.	1.3	13

#	ARTICLE	IF	CITATIONS
55	Content of Inorganic and Organic Pollutants and Their Mobility in Bottom Sediment from the Orlik Water Reservoir (Vltava River, Czech Republic). <i>Soil and Sediment Contamination</i> , 2017, 26, 584-604.	1.1	13
56	Can liming change root anatomy, biomass allocation and trace element distribution among plant parts of <i>Salix smithiana</i> in trace element-polluted soils?. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19201-19210.	2.7	5
57	Risk element immobilization/stabilization potential of fungal-transformed dry olive residue and arbuscular mycorrhizal fungi application in contaminated soils. <i>Journal of Environmental Management</i> , 2017, 201, 110-119.	3.8	11
58	Biochar physicochemical parameters as a result of feedstock material and pyrolysis temperature: predictable for the fate of biochar in soil?. <i>Environmental Geochemistry and Health</i> , 2017, 39, 1381-1395.	1.8	29
59	A profile of arsenic species in different vegetables growing in arsenic-contaminated soils. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 918-927.	1.3	14
60	Influence of Rhizon MOM suction cup and <i>Triticum aestivum</i> L. on the concentration of organic and inorganic anions in soil solution. <i>Journal of Soils and Sediments</i> , 2017, 17, 820-826.	1.5	8
61	The Response of Macro- and Micronutrient Nutrient Status and Biochemical Processes in Rats Fed on a Diet with Selenium-Enriched Defatted Rapeseed and/or Vitamin E Supplementation. <i>BioMed Research International</i> , 2017, 2017, 1-13.	0.9	4
62	EFFECT OF ROCK PHOSPHATE AND SUPERPHOSPHATE APPLICATION ON MOBILITY OF ELEMENTS (Cd, Zn, Pb,) Tj ETQq0 0 0 rgBT /Over 2901-2910.	0.2	2
63	MONITORING OF MOBILIZATION AND UPTAKE OF NUTRIENTS IN RESPONSE TO EDTA ADDITIONS TO A CONTAMINATED AGRICULTURAL SOIL. <i>Environmental Engineering and Management Journal</i> , 2017, 16, 2475-2483.	0.2	2
64	Changes in Nutrient Plant Availability in Loam and Sandy Clay Loam Soils after Wood Fly and Bottom Ash Amendment. <i>Agronomy Journal</i> , 2016, 108, 487-497.	0.9	8
65	Nutrient Dynamics in Soil Solution and Wheat Response after Biomass Ash Amendments. <i>Agronomy Journal</i> , 2016, 108, 2222-2234.	0.9	20
66	Biological Remediation of Mercury-Polluted Environments. , 2016, , 311-334.		5
67	How the tapeworm <i>Hymenolepis diminuta</i> affects zinc and cadmium accumulation in a host fed a hyperaccumulating plant (<i>Arabidopsis halleri</i>). <i>Environmental Science and Pollution Research</i> , 2016, 23, 19126-19133.	2.7	10
68	Effects of Sewage Sludge Application on Biomass Production and Concentrations of Cd, Pb and Zn in Shoots of <i>Salix</i> and <i>Populus</i> Clones: Improvement of Phytoremediation Efficiency in Contaminated Soils. <i>Bioenergy Research</i> , 2016, 9, 809-819.	2.2	30
69	The response of mercury (Hg) transformation in soil to sulfur compounds and sulfur-rich biowaste application. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	7
70	In Vitro Digestibility of Aluminum from <i>Hibiscus sabdariffa</i> Hot Watery Infusion and Its Concentration in Urine of Healthy Individuals. <i>Biological Trace Element Research</i> , 2016, 174, 267-273.	1.9	2
71	Mobility and plant availability of risk elements in soil after long-term application of farmyard manure. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23561-23572.	2.7	10
72	Lead Accumulation Ability of Selected Plants of <i>Noccaea</i> spp.. <i>Soil and Sediment Contamination</i> , 2016, 25, 882-890.	1.1	6

#	ARTICLE	IF	CITATIONS
73	Repellents Preventing Hoofed Game Browsing Can Alter the Mobility of Nutrients in Soil. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	5
74	Risk element sorption/desorption characteristics of dry olive residue: a technique for the potential immobilization of risk elements in contaminated soils. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22614-22622.	2.7	7
75	Distribution of arsenic compounds in <i>Plantaginaceae</i> and <i>Cyperaceae</i> plants growing in contaminated soil. <i>Chemistry and Ecology</i> , 2016, 32, 919-936.	0.6	1
76	Determination of Plant-Available Nutrients in Two Wood Ashes: The Influence of Combustion Conditions. <i>Communications in Soil Science and Plant Analysis</i> , 2016, 47, 1664-1674.	0.6	5
77	The risk element contamination level in soil and vegetation at the former deposit of galvanic sludges. <i>Journal of Soils and Sediments</i> , 2016, 16, 924-938.	1.5	9
78	Organic and inorganic amendment application on mercury-polluted soils: effects on soil chemical and biochemical properties. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14254-14268.	2.7	15
79	Mobility of mercury in soil as affected by soil physicochemical properties. <i>Journal of Soils and Sediments</i> , 2016, 16, 2234-2241.	1.5	20
80	Selenium uptake, transformation and inter-element interactions by selected wildlife plant species after foliar selenate application. <i>Environmental and Experimental Botany</i> , 2016, 125, 12-19.	2.0	62
81	Effects of the soil microbial community on mobile proportions and speciation of mercury (Hg) in contaminated soil. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 364-370.	0.9	10
82	The effect of NPK fertilizer with different nitrogen solubility on growth, nutrient uptake and use by <i>chrysanthemum</i> . <i>Journal of Plant Nutrition</i> , 2016, 39, 993-1000.	0.9	5
83	Arsenic compounds occurring in ruderal plant communities growing in arsenic contaminated soils. <i>Environmental and Experimental Botany</i> , 2016, 123, 108-115.	2.0	15
84	Translocation of mercury from substrate to fruit bodies of <i>Panellus stipticus</i> , <i>Psilocybe cubensis</i> , <i>Schizophyllum commune</i> and <i>Stropharia rugosoannulata</i> on oat flakes. <i>Ecotoxicology and Environmental Safety</i> , 2016, 125, 184-189.	2.9	12
85	The long-term variation of Cd and Zn hyperaccumulation by <i>Noccaea spp</i> and <i>Arabidopsis halleri</i> plants in both pot and field conditions. <i>International Journal of Phytoremediation</i> , 2016, 18, 110-115.	1.7	17
86	The soil-plant-feed transport of selenium and other essential micronutrients in diet of sport and recreational horses at two different locations. <i>Journal of Animal and Feed Sciences</i> , 2016, 25, 317-325.	0.4	4
87	Aluminium Uptake and Translocation in Al Hyperaccumulator <i>Rumex obtusifolius</i> Is Affected by Low-Molecular-Weight Organic Acids Content and Soil pH. <i>PLoS ONE</i> , 2015, 10, e0123351.	1.1	21
88	Bioaccessibility versus Bioavailability of Essential (Cu, Fe, Mn, and Zn) and Toxic (Pb) Elements from Phyto Hyperaccumulator <i>Pistia stratiotes</i> : Potential Risk of Dietary Intake. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 2344-2354.	2.4	13
89	Phytoextraction of Risk Elements by Willow and Poplar Trees. <i>International Journal of Phytoremediation</i> , 2015, 17, 414-421.	1.7	63
90	Influence of laser ablation parameters on trueness of imaging. <i>Applied Surface Science</i> , 2015, 351, 296-302.	3.1	14

#	ARTICLE	IF	CITATIONS
91	Metal sorption onto soils loaded with urban particulate matter. <i>Chemie Der Erde</i> , 2015, 75, 29-33.	0.8	0
92	Changes in soil microbial community functionality and structure in a metal-polluted site: The effect of digestate and fly ash applications. <i>Journal of Environmental Management</i> , 2015, 162, 63-73.	3.8	52
93	Can Biochar From Contaminated Biomass Be Applied Into Soil for Remediation Purposes?. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	25
94	Soil-to-plant transfer of native selenium for wild vegetation cover at selected locations of the Czech Republic. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 358.	1.3	20
95	The effectiveness of various treatments in changing the nutrient status and bioavailability of risk elements in multi-element contaminated soil. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14325-14336.	2.7	11
96	The Contents of Selected Risk Elements and Organic Pollutants in Soil and Vegetation within a Former Military Area. <i>Soil and Sediment Contamination</i> , 2015, 24, 325-342.	1.1	7
97	The response of broccoli (<i>Brassica oleracea</i> convar. <i>italica</i>) varieties on foliar application of selenium: uptake, translocation, and speciation. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 150928143022009.	1.1	18
98	The effect of soil risk element contamination level on the element contents in <i>Ocimum basilicum</i> L.. <i>Archives of Environmental Protection</i> , 2015, 41, 47-53.	1.1	5
99	Can the Hyperaccumulating Plant <i>Arabidopsis halleri</i> in Feed Influence a Given Consumer Organism (<i>Rattus norvegicus</i> var. <i>alba</i>)?. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 116-121.	1.3	5
100	Effect of digestate and fly ash applications on soil functional properties and microbial communities. <i>European Journal of Soil Biology</i> , 2015, 71, 1-12.	1.4	55
101	Distribution of P, K, Ca, Mg, Cd, Cu, Fe, Mn, Pb and Zn in wood and bark age classes of willows and poplars used for phytoextraction on soils contaminated by risk elements. <i>Environmental Science and Pollution Research</i> , 2015, 22, 18801-18813.	2.7	51
102	The influence of soil organic carbon on interactions between microbial parameters and metal concentrations at a long-term contaminated site. <i>Science of the Total Environment</i> , 2015, 502, 218-223.	3.9	34
103	Biochar immobilizes cadmium and zinc and improves phytoextraction potential of willow plants on extremely contaminated soil. <i>Plant, Soil and Environment</i> , 2015, 61, 303-308.	1.0	35
104	Establishment of <i>Bryum argenteum</i> and concentrations of elements in its biomass on soils contaminated by As, Cd, Pb and Zn. <i>Plant, Soil and Environment</i> , 2014, 60, 489-495.	1.0	2
105	Mercury distribution and mobility in contaminated soils from vicinity of waste incineration plant. <i>Plant, Soil and Environment</i> , 2014, 60, 87-92.	1.0	8
106	Applications of Organic and Inorganic Amendments Induce Changes in the Mobility of Mercury and Macro- and Micronutrients of Soils. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	0.8	8
107	Wheat and Soil Response to Wood Fly Ash Application in Contaminated Soils. <i>Agronomy Journal</i> , 2014, 106, 995-1002.	0.9	39
108	Reactive Nitrogen Species and the Role of NO in Abiotic Stress. , 2014, , 249-266.		5

#	ARTICLE	IF	CITATIONS
109	Methodological Aspects of In Vitro Assessment of Bio-accessible Risk Element Pool in Urban Particulate Matter. <i>Biological Trace Element Research</i> , 2014, 161, 216-222.	1.9	20
110	Is the tapeworm able to affect tissue Pb-concentrations in white rat?. <i>Parasitology</i> , 2014, 141, 826-836.	0.7	14
111	Effect of cadmium stress on barley tissue damage and essential metal transport into plant. <i>Open Life Sciences</i> , 2014, 10, .	0.6	5
112	Agent Orange Footprint Still Visible in Rural Areas of Central Vietnam. <i>Journal of Environmental and Public Health</i> , 2014, 2014, 1-10.	0.4	13
113	Differences in the mobility of Cd, Cu, Pb and Zn during composting of two types of household bio-waste collected in four seasons. <i>Bioresource Technology</i> , 2014, 168, 204-213.	4.8	16
114	Affinity of Selected Elements to Individual Fractions of Soil Organic Matter. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	11
115	Soil chemical properties affect the concentration of elements (N, P, K, Ca, Mg, As, Cd, Cr, Cu, Fe, Mn, Ni.) <i>Tj ETQq1 1 0.784314 rgBT /Ov</i> 231-245.	1.8	22
116	The long-term effect of zinc soil contamination on selected free amino acids playing an important role in plant adaptation to stress and senescence. <i>Ecotoxicology and Environmental Safety</i> , 2014, 100, 166-170.	2.9	49
117	The impact of increased soil risk elements on carotenoid contents. <i>Open Life Sciences</i> , 2014, 9, 678-685.	0.6	1
118	The Long-Term Effect of Slowly Dissolved Crushed Basic Rocks Amelioration on Metals Bioavailability in Soil. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	3
119	Phytoextraction and Assisted Phytoextraction of Metals from Agriculture Used Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2013, 44, 1862-1872.	0.6	3
120	Faecal Excretion Dynamic during Subacute Oral Exposure to Different Pb Species in <i>Rattus norvegicus</i> . <i>Biological Trace Element Research</i> , 2013, 152, 225-232.	1.9	9
121	Variability of total and mobile element contents in ash derived from biomass combustion. <i>Chemical Papers</i> , 2013, 67, .	1.0	15
122	Effects of exogenous nitric oxide on photosynthesis. <i>Photosynthetica</i> , 2013, 51, 483-489.	0.9	50
123	Aluminium and other elements in selected herbal tea plant species and their infusions. <i>Food Chemistry</i> , 2013, 139, 728-734.	4.2	63
124	The influence of copper on tebuconazole sorption onto soils, humic substances, and ferrihydrite. <i>Environmental Science and Pollution Research</i> , 2013, 20, 4205-4215.	2.7	10
125	Zinc induces DNA damage in tobacco roots. <i>Biologia Plantarum</i> , 2013, 57, 783-787.	1.9	9
126	Bioavailability of arsenic, cadmium, iron and zinc in leafy vegetables amended with urban particulate matter suspension. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 1378-1384.	1.7	14

#	ARTICLE	IF	CITATIONS
127	Effect of Rock Phosphate on Zn and Fe Bioavailability and Accumulation by <i>Salix smithiana</i> in Heavily Contaminated Soil. E3S Web of Conferences, 2013, 1, 15004.	0.2	0
128	Effect of Cadmium in Wood Ash on Spring Wheat Vitality: pot experiment. E3S Web of Conferences, 2013, 1, 04007.	0.2	0
129	Chemically Enhanced Phytoextraction of Risk Elements from a Contaminated Agricultural Soil Using <i>Zea Mays</i> and <i>Triticum Aestivum</i> : Performance and Metal Mobilization Over a Three Year Period. International Journal of Phytoremediation, 2012, 14, 754-771.	1.7	27
130	Removal of Al, Fe and Mn by <i>Pistia stratiotes</i> L. and its stress response. Open Life Sciences, 2012, 7, 1037-1045.	0.6	7
131	Organic Acid Enhanced Soil Risk Element (Cd, Pb and Zn) Leaching and Secondary Bioconcentration in Water Lettuce (<i>Pistia Stratiotes</i> L.) in the Rhizofiltration Process. International Journal of Phytoremediation, 2012, 14, 335-349.	1.7	31
132	Toxicologically important trace elements and organic compounds investigated in size-fractionated urban particulate matter collected near the Prague highway. Science of the Total Environment, 2012, 437, 127-136.	3.9	27
133	Trace elements present in airborne particulate matter – Stressors of plant metabolism. Ecotoxicology and Environmental Safety, 2012, 79, 101-107.	2.9	62
134	Effect of composting on the mobility of arsenic, chromium and nickel contained in kitchen and garden waste. Bioresource Technology, 2012, 126, 444-452.	4.8	29
135	Sorption Behavior of Cd, Cu, Pb, and Zn and Their Interactions in Phytoremediated Soil. International Journal of Phytoremediation, 2012, 14, 806-819.	1.7	18
136	The effect of intensive traffic on soil and vegetation risk element contents as affected by the distance from a highway. Plant, Soil and Environment, 2012, 58, 379-384.	1.0	15
137	The heavy metal availability in long-term polluted soils as affected by EDTA and alfalfa meal treatments. Plant, Soil and Environment, 2012, 58, 551-556.	1.0	5
138	Effect of quick lime and superphosphate additives on emergence and survival of <i>Rumex obtusifolius</i> seedlings in acid and alkaline soils contaminated by As, Cd, Pb, and Zn. Plant, Soil and Environment, 2012, 58, 561-667.	1.0	11
139	Water Lettuce <i>Pistia stratiotes</i> L. Response to Lead Toxicity. Water, Air, and Soil Pollution, 2012, 223, 1847-1859.	1.1	29
140	Effect of lead in water on the absorption of copper, iron, manganese and zinc by sheep (<i>Ovis aries</i>) infected with sheep tapeworm (<i>Moniezia expansa</i>). Experimental Parasitology, 2012, 131, 52-56.	0.5	2
141	Factors influencing uptake of contaminated particulate matter in leafy vegetables. Open Life Sciences, 2012, 7, 519-530.	0.6	14
142	Effects of Endo- and Ectomycorrhizal Fungi on Physiological Parameters and Heavy Metals Accumulation of Two Species from the Family Salicaceae. Water, Air, and Soil Pollution, 2012, 223, 399-410.	1.1	40
143	The Use of Water Lettuce (<i>Pistia Stratiotes</i> L.) for Rhizofiltration of a Highly Polluted Solution by Cadmium and Lead. International Journal of Phytoremediation, 2011, 13, 859-872.	1.7	66
144	Biochar application to metal-contaminated soil: Evaluating of Cd, Cu, Pb and Zn sorption behavior using single- and multi-element sorption experiment. Plant, Soil and Environment, 2011, 57, 372-380.	1.0	78

#	ARTICLE	IF	CITATIONS
145	The influence of citric acid on mobility of radium and metals accompanying uranium phytoextraction. <i>Plant, Soil and Environment</i> , 2011, 57, 526-531.	1.0	7
146	Dolomite limestone application as a chemical immobilization of metal-contaminated soil. <i>Plant, Soil and Environment</i> , 2011, 57, 173-179.	1.0	30
147	Organic salts enhanced soil risk elements leaching and bioaccumulation in <i>Pistia stratiotes</i> . <i>Plant, Soil and Environment</i> , 2011, 57, 166-172.	1.0	11
148	Methodological study of extraction procedures applied to urban particulate matter. <i>Open Chemistry</i> , 2011, 9, 1071-1079.	1.0	2
149	Competition for minerals (Zn, Mn, Fe, Cu) and Cd between sheep tapeworm (<i>Moniezia expansa</i>) and its definitive host sheep (<i>Ovis aries</i>). <i>Helminthologia</i> , 2011, 48, 237-243.	0.3	6
150	The Impact of an Abandoned Uranium Mining Area on the Contamination of Agricultural Land in its Surroundings. <i>Water, Air, and Soil Pollution</i> , 2011, 215, 693-700.	1.1	7
151	Extraradical mycelium of arbuscular mycorrhizal fungi radiating from large plants depresses the growth of nearby seedlings in a nutrient deficient substrate. <i>Mycorrhiza</i> , 2011, 21, 641-650.	1.3	34
152	Evolution of Bioavailable Copper and Major Soil Cations in Contaminated Soils Treated with Ethylenediaminedisuccinate: A Two-Year Experiment. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 86, 525-530.	1.3	8
153	Modification of Nanocrystalline TiO ₂ with Phosphonate- and Bis(phosphonate)-Bearing Macrocyclic Complexes: Sorption and Stability Studies. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1981-1989.	1.0	26
154	The contents of risk elements, arsenic speciation, and possible interactions of elements and betalains in beetroot (<i>Beta vulgaris</i> , L.) growing in contaminated soil. <i>Open Life Sciences</i> , 2010, 5, 692-701.	0.6	6
155	Influence of Parasitism on Trace Element Contents in Tissues of Red Fox (<i>Vulpes vulpes</i>) and Its Parasites <i>Mesocestoides</i> spp. (Cestoda) and <i>Toxascaris leonina</i> (Nematoda). <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 58, 469-477.	2.1	32
156	Comparison of willow and sunflower for uranium phytoextraction induced by citric acid. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 285, 279-285.	0.7	28
157	The Rengen Grassland Experiment: relationship between soil and biomass chemical properties, amount of elements applied, and their uptake. <i>Plant and Soil</i> , 2010, 333, 163-179.	1.8	74
158	Experimental studies on the lead accumulation in the cestode <i>Moniezia expansa</i> (Cestoda): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	1.1	11
159	The Rengen Grassland experiment: bryophytes biomass and element concentrations after 65 years of fertilizer application. <i>Environmental Monitoring and Assessment</i> , 2010, 166, 653-662.	1.3	24
160	Potential and drawbacks of EDDS-enhanced phytoextraction of copper from contaminated soils. <i>Environmental Pollution</i> , 2010, 158, 2428-2438.	3.7	49
161	Experimental studies on the cadmium accumulation in the cestode <i>Moniezia expansa</i> (Cestoda): Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 222 T	0.5	12
162	The Variability of Arsenic and Other Risk Element Uptake by Individual Plant Species Growing on Contaminated Soil. <i>Soil and Sediment Contamination</i> , 2010, 19, 617-634.	1.1	22

#	ARTICLE	IF	CITATIONS
163	Growth and Metal Uptake by Plants Grown in Mono- and Dual Culture in Metal-contaminated Soils. <i>Soil and Sediment Contamination</i> , 2010, 19, 188-203.	1.1	9
164	The effect of arsenic contamination on amino acids metabolism in <i>Spinacia oleracea</i> L.. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1309-1313.	2.9	72
165	Effect of soil properties and sample preparation on extractable and soluble Pb and Cd fractions in soils. <i>Agricultural Sciences</i> , 2010, 01, 119-130.	0.2	5
166	Differences in soil sulfur fractions due to limitation of atmospheric deposition. <i>Plant, Soil and Environment</i> , 2009, 55, 344-352.	1.0	34
167	Cadmium balance in soils under different fertilization managements including sewage sludge application. <i>Plant, Soil and Environment</i> , 2009, 55, 353-361.	1.0	25
168	Effects of co-cropping on bioaccumulation of trace elements in <i>Thlaspi caerulescens</i> and <i>Salix dasyclados</i> . <i>Plant, Soil and Environment</i> , 2009, 55, 461-467.	1.0	16
169	¹ H NMR relaxivity of aqueous suspensions of titanium dioxide nanoparticles coated with a gadolinium(III) chelate of a DOTA-monoamide with a phenylphosphonate pendant arm. <i>Journal of Materials Chemistry</i> , 2009, 19, 1494.	6.7	17
170	Passive diffusion assessment of cadmium and lead accumulation by plants in hydroponic systems. <i>Chemical Speciation and Bioavailability</i> , 2009, 21, 111-120.	2.0	15
171	The Rengen Grassland Experiment: soil contamination by trace elements after 65 years of Ca, N, P and K fertiliser application. <i>Nutrient Cycling in Agroecosystems</i> , 2009, 83, 39-50.	1.1	28
172	Concentration of trace elements in arable soil after long-term application of organic and inorganic fertilizers. <i>Nutrient Cycling in Agroecosystems</i> , 2009, 85, 241-252.	1.1	64
173	Bioavailability of Lead and Cadmium in Soils Artificially Contaminated with Smelter Fly Ash. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 286-290.	1.3	6
174	Changes in cadmium mobility during composting and after soil application. <i>Waste Management</i> , 2009, 29, 2282-2288.	3.7	36
175	Effect of ozonation on polychlorinated biphenyl degradation and on soil physico-chemical properties. <i>Journal of Hazardous Materials</i> , 2009, 161, 1202-1207.	6.5	31
176	Retention of copper originating from different fungicides in contrasting soil types. <i>Journal of Hazardous Materials</i> , 2009, 166, 1395-1402.	6.5	47
177	Mobility of arsenic and its compounds in soil and soil solution: The effect of soil pretreatment and extraction methods. <i>Journal of Hazardous Materials</i> , 2009, 172, 1244-1251.	6.5	41
178	The effect of beverage preparation method on aluminium content in coffee infusions. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 1480-1485.	1.5	34
179	A comparison of arsenic mobility in <i>Phaseolus vulgaris</i> , <i>Mentha aquatica</i> , and <i>Pteris cretica</i> rhizosphere. <i>Open Life Sciences</i> , 2009, 4, 107-116.	0.6	7
180	Interactions of EDDS with Fe- and Al-(hydr)oxides. <i>Chemosphere</i> , 2009, 77, 87-93.	4.2	34

#	ARTICLE	IF	CITATIONS
181	Nutrient mobilization and nutrient contents of <i>Zea mays</i> in response to EDTA additions to heavy-metal-contaminated agricultural soil. <i>Journal of Plant Nutrition and Soil Science</i> , 2009, 172, 520-527.	1.1	8
182	Phytoextraction of cadmium, copper, zinc and mercury by selected plants. <i>Plant, Soil and Environment</i> , 2009, 55, 295-304.	1.0	32
183	Determination of certain micro and macroelements in plant stimulants and their infusions. <i>Food Chemistry</i> , 2008, 111, 520-525.	4.2	109
184	The use of differential pulse anodic stripping voltammetry and diffusive gradient in thin films for heavy metals speciation in soil solution. <i>Open Chemistry</i> , 2008, 6, 71-79.	1.0	11
185	DNA damage in potato plants induced by cadmium, ethyl methanesulphonate and β -rays. <i>Environmental and Experimental Botany</i> , 2008, 62, 113-119.	2.0	70
186	Evaluation of DNA damage and mutagenicity induced by lead in tobacco plants. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2008, 652, 186-190.	0.9	98
187	The use of poplar during a two-year induced phytoextraction of metals from contaminated agricultural soils. <i>Environmental Pollution</i> , 2008, 151, 27-38.	3.7	69
188	Glutamate kinase as a potential biomarker of heavy metal stress in plants. <i>Ecotoxicology and Environmental Safety</i> , 2008, 70, 223-230.	2.9	50
189	Phytoextraction of Pb and Cd from a contaminated agricultural soil using different EDTA application regimes: Laboratory versus field scale measures of efficiency. <i>Geoderma</i> , 2008, 144, 446-454.	2.3	138
190	Copper contamination of vineyard soils from small wine producers: A case study from the Czech Republic. <i>Geoderma</i> , 2008, 147, 16-22.	2.3	91
191	Direct and subsequent effect of compost and poultry manure on the bioavailability of cadmium and copper and their uptake by oat biomass. <i>Plant, Soil and Environment</i> , 2008, 54, 271-278.	1.0	27
192	The use of maize and poplar in chelant-enhanced phytoextraction of lead from contaminated agricultural soils. <i>Chemosphere</i> , 2007, 67, 640-651.	4.2	122
193	Total content and speciation of aluminium in tea leaves and tea infusions. <i>Food Chemistry</i> , 2007, 104, 1662-1669.	4.2	50
194	Variation in the uptake of Arsenic, Cadmium, Lead, and Zinc by different species of willows <i>Salix</i> spp. grown in contaminated soils. <i>Open Life Sciences</i> , 2007, 2, 254-275.	0.6	47
195	Mobility of important toxic analytes in urban dust and simulated air filters determined by sequential extraction and GFAAS/ICP-OES methods. <i>Chemical Papers</i> , 2007, 61, .	1.0	8
196	Effect of addition of ameliorative materials on the distribution of As, Cd, Pb, and Zn in extractable soil fractions. <i>Chemical Papers</i> , 2007, 61, .	1.0	7
197	Response of Pepper Plants (<i>Capsicum annum</i> L.) on Soil Amendment by Inorganic and Organic Compounds of Arsenic. <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 52, 38-46.	2.1	12
198	The Role of Chloride Salts in Chemically Enhanced Phytoextraction of Heavy Metals From a Contaminated Agricultural Soil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 78, 176-180.	1.3	6

#	ARTICLE	IF	CITATIONS
199	The effect of potentially toxic elements and sewage sludge on the activity of regulatory enzyme glutamate kinase. <i>Plant, Soil and Environment</i> , 2007, 53, 201-206.	1.0	24
200	Exploitation of Fast Growing Trees in Metal Remediation. , 2006, , 83-102.		10
201	A comparison of phytoremediation capability of selected plant species for given trace elements. <i>Environmental Pollution</i> , 2006, 144, 93-100.	3.7	167
202	Mobility assessment and validation of toxic elements in tunnel dust samplesâ€”Subway and road using sequential chemical extraction and ICP-OES/GF AAS measurements. <i>Environmental Research</i> , 2006, 101, 287-293.	3.7	38
203	Toxicity and DNA damage in tobacco and potato plants growing on soil polluted with heavy metals. <i>Ecotoxicology and Environmental Safety</i> , 2006, 65, 420-426.	2.9	97
204	The response of tomato (<i>Lycopersicon esculentum</i>) to different concentrations of inorganic and organic compounds of arsenic. <i>Biologia (Poland)</i> , 2006, 61, 91-96.	0.8	11
205	Plant accumulation capacity for potentially toxic elements. , 2006, , 53-84.		5
206	The effect of liming on cadmium, lead, and zinc uptake reduction by spring wheat grown in contaminated soil. <i>Plant, Soil and Environment</i> , 2006, 52, 16-24.	1.0	82
207	Spatial variation features description of soil available P, K, Mg and soil pH by proportional effect. <i>Plant, Soil and Environment</i> , 2006, 52, 41-46.	1.0	2
208	Removal of As, Cd, Pb, and Zn from contaminated soil by high biomass producing plants. <i>Plant, Soil and Environment</i> , 2006, 52, 413-423.	1.0	75
209	Comparison of water-soluble and exchangeable forms of Al in acid forest soils. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 1788-1795.	1.5	73
210	A comparison of sequential extraction procedures for fractionation of arsenic, cadmium, lead, and zinc in soil. <i>Open Chemistry</i> , 2005, 3, 830-851.	1.0	11
211	Comparison of mild extraction procedures for determination of arsenic compounds in different parts of pepper plants (<i>Capsicum annum</i> , L.). <i>Applied Organometallic Chemistry</i> , 2005, 19, 308-314.	1.7	24
212	Development of a procedure for the sequential extraction of substances binding trace elements in plant biomass. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 381, 863-872.	1.9	3
213	Comparison of mild extraction procedures for determination of plant-available arsenic compounds in soil. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 142-148.	1.9	17
214	The role of titanium in biomass production and its influence on essential elements' contents in field growing crops. <i>Plant, Soil and Environment</i> , 2005, 51, 19-25.	1.0	21
215	Particular aspects of environmental impact of potentially risk elements from airborne particulate matter. <i>Plant, Soil and Environment</i> , 2005, 51, 376-383.	1.0	4
216	The application of diffusive gradient technique (DGT) for assessment of changes in Cd, Pb, and Zn mobility in rhizosphere. <i>Plant, Soil and Environment</i> , 2005, 51, 532-538.	1.0	10

#	ARTICLE	IF	CITATIONS
217	Separation of organic compounds binding trace elements in seeds of <i>Leuzea carthamoides</i> (Willd.) DC. <i>Applied Organometallic Chemistry</i> , 2004, 18, 619-625.	1.7	4
218	Cadmium tolerance and accumulation in transgenic tobacco plants with a yeast metallothionein combined with a polyhistidine tail. <i>International Biodeterioration and Biodegradation</i> , 2004, 54, 233-237.	1.9	37
219	Binding forms of risk elements in root fractions of <i>Leuzea carthamoides</i> (Willd.) DC. <i>International Biodeterioration and Biodegradation</i> , 2004, 54, 239-243.	1.9	1
220	Cadmium induces DNA damage in tobacco roots, but no DNA damage, somatic mutations or homologous recombination in tobacco leaves. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 559, 49-57.	0.9	150
221	Consistency of spatial dependence of soil chemical properties in two fields: a geostatistical study. <i>Plant, Soil and Environment</i> , 2004, 50, 507-512.	1.0	5
222	The evaluation of cadmium, zinc and nickel accumulation ability of transgenic tobacco bearing different transgenes. <i>Plant, Soil and Environment</i> , 2004, 50, 513-517.	1.0	32
223	Horizontal and vertical variability of heavy metals in the soil of a polluted area. <i>Plant, Soil and Environment</i> , 2004, 50, 525-534.	1.0	66
224	Arsenic compounds in the leaves and roots of radish grown in three soils treated by dimethylarsinic acid. <i>Plant, Soil and Environment</i> , 2004, 50, 540-546.	1.0	8
225	Temporal variability of available phosphorus, potassium and magnesium in arable soil. <i>Plant, Soil and Environment</i> , 2004, 50, 547-551.	1.0	8
226	As, Cd, Pb and Zn uptake by <i>Salix</i> spp. clones grown in soils enriched by high loads of these elements. <i>Plant, Soil and Environment</i> , 2003, 49, 191-196.	1.0	59
227	Distribution of soil fractions of zinc and its uptake by potatoes, maize, wheat and barley after soil amendment by sludge and inorganic Zn salt. <i>Plant, Soil and Environment</i> , 2003, 49, 203-212.	1.0	22
228	Cadmium and zinc phytoextraction potential of seven clones of <i>Salix</i> spp. planted on heavy metal contaminated soils. <i>Plant, Soil and Environment</i> , 2003, 49, 542-547.	1.0	116
229	The effect of soil properties on cadmium bonds to organic substances of spinach biomass. <i>Applied Organometallic Chemistry</i> , 2002, 16, 187-191.	1.7	15
230	The zinc mobility in three different soils amended by sewage sludge incubated with limestone and lime, and Zn uptake by oats. <i>Plant, Soil and Environment</i> , 2002, 48, 518-524.	1.0	0
231	The effect of Cd and Zn contents in plants on Fe binding into organic substances of spinach biomass. <i>Plant, Soil and Environment</i> , 2002, 48, 531-535.	1.0	3
232	THE ACCUMULATION OF ARSENIC AND CADMIUM BY DIFFERENT SPECIES OF VEGETABLES. <i>Acta Horticulturae</i> , 2002, , 217-224.	0.1	8
233	Efficiency of extractants to release As, Cd and Zn from main soil compartments. <i>Analisis - European Journal of Analytical Chemistry</i> , 2000, 28, 808-812.	0.4	41
234	The sequential analytical procedure as a tool for evaluation of As, Cd and Zn mobility in soil. <i>Fresenius' Journal of Analytical Chemistry</i> , 1999, 363, 594-595.	1.5	65

#	ARTICLE	IF	CITATIONS
235	Proficiency tests using four batches of green alga with controlled levels of cadmium. Fresenius' Journal of Analytical Chemistry, 1998, 360, 439-442.	1.5	3
236	Evaluation of various mineralization methods and measurement techniques for trace element analysis of plant materials. Analisis - European Journal of Analytical Chemistry, 1998, 26, 116-120.	0.4	8
237	Classical dry ashing of biological and agricultural materials. Part II. Losses of analytes due to their retention in an insoluble residue. Analisis - European Journal of Analytical Chemistry, 1998, 26, 121-129.	0.4	61
238	Combination of classical dry ashing with stripping voltammetry in trace element analysis of biological materials: review of literature published after 1978. Talanta, 1996, 43, 521-534.	2.9	27
239	International plant analytical exchange and quality assurance in a trace element laboratory. Communications in Soil Science and Plant Analysis, 1996, 27, 891-906.	0.6	4
240	Determination of CD, CU, and PB in animal tissues – comparison of electrochemical results obtained with a new polarographic system and atomic spectroscopy. Electroanalysis, 1994, 6, 1057-1062.	1.5	7
241	Interlaboratory analysis of IRM NSC-21 Compost Vitahum. Biological Trace Element Research, 1994, 43-45, 633-641.	1.9	3
242	Interlaboratory Analysis of IRM NSC-21 Compost Vitahum. , 1994, , 633-641.		0
243	Czechoslovakian biological certified reference materials and their use in the analytical quality assurance system in a trace element laboratory. Fresenius' Journal of Analytical Chemistry, 1993, 345, 256-260.	1.5	61
244	Cadmium, lead and mercury levels in feeding yeast produced in Czechoslovakia. Science of the Total Environment, 1992, 114, 73-86.	3.9	3
245	Natural levels of lead, cadmium and mercury in tissues and hair of newborn calves from different areas of Czechoslovakia. Science of the Total Environment, 1989, 84, 101-112.	3.9	1
246	Is Bacillus amyloliquefaciens inoculation effective for the enhancement of soil and plant nutrient status and fruit quality of Solanum lycopersicum L. in the presence of composted organic fertilisers?. Archives of Agronomy and Soil Science, 0, , 1-15.	1.3	0