Anetta HanÄ

List of Publications by Year
in descending order

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50	954	361413	501196
papers	citations	20	28
		h-index	g-index

52	52	52	951
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	LC/ICPâ€MS AND COMPLEMENTARY TECHNIQUES IN BESPOKE AND NONTARGETED SPECIATION ANALYSIS OF ELEMENTS IN FOOD SAMPLES. Mass Spectrometry Reviews, 2022, 41, 32-50.	5.4	17
2	Excess Zinc Supply Reduces Cadmium Uptake and Mitigates Cadmium Toxicity Effects on Chloroplast Structure, Oxidative Stress, and Photosystem II Photochemical Efficiency in Salvia sclarea Plants. Toxics, 2022, 10, 36.	3.7	29
3	Bioimaging of Elements in Clinical Tissues: Oral Mucosa, Arterial Walls, and Teeth, by LA-ICPMS. , 2022, , 1-18.		0
4	Occurrence, distribution, and associations of essential and non-essential elements in the medicinal and edible fungus â€œFulingâ€•from southern China. Science of the Total Environment, 2022, 831, 155011.	8.0	7
5	Bioimaging of Elements in Clinical Tissues: Oral Mucosa, Arterial Walls, and Teeth, by LA-ICPMS. , 2022, , 443-460.		0
6	Cadmium toxicity in Salvia sclarea L.: An integrative response of element uptake, oxidative stress markers, leaf structure and photosynthesis. Ecotoxicology and Environmental Safety, 2021, 209, 111851.	6.0	76
7	The potential of trace elements mapping in childâ€™s natal tooth by laser ablation-ICPMS method. Journal of Environmental Health Science & Engineering, 2021, 19, 379-388.	3.0	7
8	Lithiation of white button mushrooms (Agaricus bisporus) using lithium-fortified substrate: effect of fortification levels on Li uptake and on other trace elements. Environmental Science and Pollution Research, 2021, 28, 48905-48920.	5.3	9
9	Enhancing the lithium content of white button mushrooms Agaricus bisporus using LiNO3 fortified compost: effects on the uptake of Li and other trace elements. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2021, 38, 1193-1205.	2.3	7
10	The use of Li2O fortified growing compost to enhance lithiation in white Agaricus bisporus mushrooms: Li uptake and co-accumulation of other trace elements. European Food Research and Technology, 2021, 247, 2239-2252.	3.3	9
11	Lithiation of Agaricus bisporus mushrooms using compost fortified with LiOH: Effect of fortification levels on Li uptake and co-accumulation of other trace elements. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2021, 56, 761-770.	1.5	3
12	Mercury and selenium in developing and mature fruiting bodies of Amanita muscaria. Environmental Science and Pollution Research, 2021, 28, 60145-60153.	5.3	6
13	Tolerance Mechanisms of the Aromatic and Medicinal Plant Salvia sclarea L. to Excess Zinc. Plants, 2021, 10, 194.	3.5	26
14	Rapid Hormetic Responses of Photosystem II Photochemistry of Clary Sage to Cadmium Exposure. International Journal of Molecular Sciences, 2021, 22, 41.	4.1	31
15	Activation of antioxidative and detoxificative systems in Brassica juncea L. plants against the toxicity of heavy metals. Scientific Reports, 2021, 11, 22345.	3.3	10
16	Contents and Health Risk Assessment of Elements in Three Edible Ectomycorrhizal Fungi (Boletaceae) from Polymetallic Soils in Yunnan Province, SW China. Biological Trace Element Research, 2020, 195, 250-259.	3.5	16
17	Metals and Metalloids Release from Orthodontic Elastomeric and Stainless Steel Ligatures: In Vitro Risk Assessment of Human Exposure. Biological Trace Element Research, 2020, 196, 646-653.	3.5	8
18	The contribution of orthodontic braces to aluminum exposure in humans: an experimental in vitro study. Environmental Science and Pollution Research, 2020, 27, 4541-4545.	5.3	2

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19	Metallic and metalloid elements in various developmental stages of Amanita muscaria (L.) Lam. Fungal Biology, 2020, 124, 174-182.	2.5	23
20	Accumulation of Airborne Toxic Elements and Photosynthetic Performance of Lolium multiflorum L. Leaves. Processes, 2020, 8, 1013.	2.8	2
21	Combined use of companion planting and PGPR for the assisted phytoextraction of trace metals (Zn,) Tj ETQq1 1 0.784314 rgBT /Ove	5.3	42
22	Occurrence, distribution and estimated intake of mercury and selenium from sclerotia of the medicinal fungus Wolfiporia cocos from China. Chemosphere, 2020, 247, 125928.	8.2	11
23	Bioimaging of macro- and microelements in blood vessels with calcified plaque in atherosclerosis obliterans by LA-ICP-MS. Microchemical Journal, 2019, 150, 104090.	4.5	11
24	Spatial Heterogeneity of Cadmium Effects on Salvia sclarea Leaves Revealed by Chlorophyll Fluorescence Imaging Analysis and Laser Ablation Inductively Coupled Plasma Mass Spectrometry. Materials, 2019, 12, 2953.	2.9	38
25	Insight into the Phytoremediation Capability of Brassica juncea (v. Malopolska): Metal Accumulation and Antioxidant Enzyme Activity. International Journal of Molecular Sciences, 2019, 20, 4355.	4.1	29
26	Arsenic speciation in mushrooms using dimensional chromatography coupled to ICP-MS detector. Chemosphere, 2019, 233, 223-233.	8.2	46
27	Mineral constituents of conserved white button mushrooms: similarities and differences. Roczniki Panstwowego Zakladu Higieny, 2019, 70, 15-25.	0.7	21
28	Metrological approach to quantitative analysis of clinical samples by LA-ICP-MS: A critical review of recent studies. Talanta, 2018, 182, 92-110.	5.5	20
29	Usefulness of laser ablation ICP-MS for analysis of metallic particles released to oral mucosa after insertion of dental implants. Journal of Trace Elements in Medicine and Biology, 2018, 46, 46-54.	3.0	10
30	Laser ablation-ICP-MS in search of element pattern in feathers. Microchemical Journal, 2017, 134, 1-8.	4.5	11
31	Leaching of arsenic and sixteen metallic elements from Amanita fulva mushrooms after food processing. LWT - Food Science and Technology, 2017, 84, 861-866.	5.2	44
32	Multielemental analysis of 18 essential and toxic elements in amniotic fluid samples by ICP-MS: Full procedure validation and estimation of measurement uncertainty. Talanta, 2017, 174, 122-130.	5.5	23
33	Metallic elements and metalloids in Boletus luridus , B. magnificus and B. tomentipes mushrooms from polymetallic soils from SW China. Ecotoxicology and Environmental Safety, 2017, 142, 497-502.	6.0	31
34	Toxic elements and bio-metals in Cantharellus mushrooms from Poland and China. Environmental Science and Pollution Research, 2017, 24, 11472-11482.	5.3	43
35	Pickling of chanterelle Cantharellus cibarius mushrooms highly reduce cadmium contamination. Environmental Science and Pollution Research, 2017, 24, 21733-21738.	5.3	25
36	Effects of binary metal combinations on zinc, copper, cadmium and lead uptake and distribution in Brassica juncea. Journal of Trace Elements in Medicine and Biology, 2017, 44, 32-39.	3.0	50

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37	New procedure of quantitative mapping of Ti and Al released from dental implant and Mg, Ca, Fe, Zn, Cu, Mn as physiological elements in oral mucosa by LA-ICP-MS. Talanta, 2017, 175, 370-381.	5.5	15
38	Direct analysis of elemental biodistribution in pea seedlings by LA-ICP-MS, EDX and confocal microscopy: Imaging and quantification. Microchemical Journal, 2016, 128, 305-311.	4.5	28
39	Chemometric approach to evaluate element distribution in muscle, liver and fish bone of roach (Rutilus rutilus), silver bream (Blicca bjoerkna)and crucian carp (Carassius carassius) from SwarzÄ™dzkie Lake (Poland) using ICP-MS and FIAS-CVAAS techniques. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2016, 51, 790-800.	1.5	1
40	Study on quantitative analysis of Ti, Al and V in clinical soft tissues after placing the dental implants by laser ablation inductively coupled plasma mass spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2016, 125, 1-10.	2.9	8
41	Nickel and chromium concentrations in Italian ryegrass exposed to ambient air in urban, suburban and rural areas. Atmospheric Pollution Research, 2015, 6, 1123-1131.	3.8	3
42	Barium Determination in Gastric Contents, Blood and Urine by Inductively Coupled Plasma Mass Spectrometry in the Case of Oral Barium Chloride Poisoning. Journal of Analytical Toxicology, 2014, 38, 380-382.	2.8	19
43	Laser ablation inductively coupled plasma mass spectrometry in quantitative analysis and imaging of plant's thin sections. International Journal of Mass Spectrometry, 2014, 363, 16-22.	1.5	21
44	Canonical Variate Analysis of Chlorophyll Content in Plants Exposed to Different Lead Concentrations in Ambient Air Conditions/ Analiza Zmiennych Kanonicznych ZawatoÅ›ci Chlorofilu W RoÅ›linach Eksponowanych Na RÃ³Å¼ne StÄ™Å¼enia OÅ‚owiu W Powietrzu Atmosferycznym. Civil and Environmental Engineering Reports, 2014, 14, 15-26.	0.3	0
45	Quantitative analysis of elements migration in human teeth with and without filling using LA-ICP-MS. Microchemical Journal, 2013, 110, 61-69.	4.5	34
46	Influence of Heavy Metal Ions on the Nutrition Composition, Phytochelatin Biosynthesis and Growth of Pisum sativum. Progress in Environmental Science, Technology and Management, 2012, , .	0.1	0
47	Application of spectroscopic techniques: ICP-OES, LA-ICP-MS and chemometric methods for studying the relationships between trace elements in clinical samples from patients with atherosclerosis obliterans. Analytical and Bioanalytical Chemistry, 2011, 399, 3221-3231.	3.7	33
48	Simultaneous determination of Cd, Cr, Cu, Ni, Pb and Zn in sewage sludge by slurry introduction ICP-OES method. International Journal of Environmental Analytical Chemistry, 2010, 90, 1025-1035.	3.3	10
49	Test of the relationships between the content of heavy metals in sewage sludge and source of their pollution by chemometric methods. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2009, 44, 1441-1448.	1.7	4
50	An analysis of long-distance root to leaf transport of lead inPisum sativumplants by laser ablationâ€“ICPâ€“MS. International Journal of Environmental Analytical Chemistry, 2009, 89, 651-659.	3.3	22