

# Anetta HanÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

954  
citations

411340

20  
h-index

563245

28  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1042  
citing authors

#	ARTICLE	IF	CITATIONS
1	LC/ICP-MS AND COMPLEMENTARY TECHNIQUES IN BESPOKE AND NONTARGETED SPECIATION ANALYSIS OF ELEMENTS IN FOOD SAMPLES. <i>Mass Spectrometry Reviews</i> , 2022, 41, 32-50.	2.8	17
2	Excess Zinc Supply Reduces Cadmium Uptake and Mitigates Cadmium Toxicity Effects on Chloroplast Structure, Oxidative Stress, and Photosystem II Photochemical Efficiency in <i>Salvia sclarea</i> Plants. <i>Toxics</i> , 2022, 10, 36.	1.6	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 <i>Fuling</i> from southern China. <i>Science of the Total Environment</i> , 2022, 831, 155011.	3.9	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 <i>Salvia sclarea</i> L.: An integrative response of element uptake, oxidative stress markers, leaf structure and photosynthesis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111851.	2.9	76
7	The potential of trace elements mapping in child's natal tooth by laser ablation-ICPMS method. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2021, 19, 379-388.	1.4	7
8	Lithiation of white button mushrooms ( <i>Agaricus bisporus</i> ) using lithium-fortified substrate: effect of fortification levels on Li uptake and on other trace elements. <i>Environmental Science and Pollution Research</i> , 2021, 28, 48905-48920.	2.7	9
9	Enhancing the lithium content of white button mushrooms <i>Agaricus bisporus</i> using LiNO <sub>3</sub> fortified compost: effects on the uptake of Li and other trace elements. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021, 38, 1193-1205.	1.1	7
10	The use of Li <sub>2</sub> O fortified growing compost to enhance lithiation in white <i>Agaricus bisporus</i> mushrooms: Li uptake and co-accumulation of other trace elements. <i>European Food Research and Technology</i> , 2021, 247, 2239-2252.	1.6	9
11	Lithiation of <i>Agaricus bisporus</i> mushrooms using compost fortified with LiOH: Effect of fortification levels on Li uptake and co-accumulation of other trace elements. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2021, 56, 761-770.	0.7	3
12	Mercury and selenium in developing and mature fruiting bodies of <i>Amanita muscaria</i> . <i>Environmental Science and Pollution Research</i> , 2021, 28, 60145-60153.	2.7	6
13	Tolerance Mechanisms of the Aromatic and Medicinal Plant <i>Salvia sclarea</i> L. to Excess Zinc. <i>Plants</i> , 2021, 10, 194.	1.6	26
14	Rapid Hormetic Responses of Photosystem II Photochemistry of Clary Sage to Cadmium Exposure. <i>International Journal of Molecular Sciences</i> , 2021, 22, 41.	1.8	31
15	Activation of antioxidative and detoxificative systems in <i>Brassica juncea</i> L. plants against the toxicity of heavy metals. <i>Scientific Reports</i> , 2021, 11, 22345.	1.6	10
16	Contents and Health Risk Assessment of Elements in Three Edible Ectomycorrhizal Fungi (Boletaceae) from Polymetallic Soils in Yunnan Province, SW China. <i>Biological Trace Element Research</i> , 2020, 195, 250-259.	1.9	16
17	Metals and Metalloids Release from Orthodontic Elastomeric and Stainless Steel Ligatures: In Vitro Risk Assessment of Human Exposure. <i>Biological Trace Element Research</i> , 2020, 196, 646-653.	1.9	8
18	The contribution of orthodontic braces to aluminum exposure in humans: an experimental in vitro study. <i>Environmental Science and Pollution Research</i> , 2020, 27, 4541-4545.	2.7	2

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19	Metallic and metalloid elements in various developmental stages of <i>Amanita muscaria</i> (L.) Lam. Fungal Biology, 2020, 124, 174-182.	1.1	23
20	Accumulation of Airborne Toxic Elements and Photosynthetic Performance of <i>Lolium multiflorum</i> L. Leaves. Processes, 2020, 8, 1013.	1.3	2
21	Combined use of companion planting and PGPR for the assisted phytoextraction of trace metals (Zn, Tj ETQq1 1 0,784314 rgBT /Ove	2.7	42
22	Occurrence, distribution and estimated intake of mercury and selenium from sclerotia of the medicinal fungus <i>Wolfiporia cocos</i> from China. Chemosphere, 2020, 247, 125928.	4.2	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.	2.3	11
24	Spatial Heterogeneity of Cadmium Effects on <i>Salvia sclarea</i> Leaves Revealed by Chlorophyll Fluorescence Imaging Analysis and Laser Ablation Inductively Coupled Plasma Mass Spectrometry. Materials, 2019, 12, 2953.	1.3	38
25	Insight into the Phytoremediation Capability of <i>Brassica juncea</i> (v. Malopolska): Metal Accumulation and Antioxidant Enzyme Activity. International Journal of Molecular Sciences, 2019, 20, 4355.	1.8	29
26	Arsenic speciation in mushrooms using dimensional chromatography coupled to ICP-MS detector. Chemosphere, 2019, 233, 223-233.	4.2	46
27	Mineral constituents of conserved white button mushrooms: similarities and differences. Roczniki Panstwowego Zakladu Higieny, 2019, 70, 15-25.	0.5	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.	2.9	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.	1.5	10
30	Laser ablation-ICP-MS in search of element pattern in feathers. Microchemical Journal, 2017, 134, 1-8.	2.3	11
31	Leaching of arsenic and sixteen metallic elements from <i>Amanita fulva</i> mushrooms after food processing. LWT - Food Science and Technology, 2017, 84, 861-866.	2.5	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.	2.9	23
33	Metallic elements and metalloids in <i>Boletus luridus</i> , <i>B. magnificus</i> and <i>B. tomentipes</i> mushrooms from polymetallic soils from SW China. Ecotoxicology and Environmental Safety, 2017, 142, 497-502.	2.9	31
34	Toxic elements and bio-metals in <i>Cantharellus</i> mushrooms from Poland and China. Environmental Science and Pollution Research, 2017, 24, 11472-11482.	2.7	43
35	Pickling of chanterelle <i>Cantharellus cibarius</i> mushrooms highly reduce cadmium contamination. Environmental Science and Pollution Research, 2017, 24, 21733-21738.	2.7	25
36	Effects of binary metal combinations on zinc, copper, cadmium and lead uptake and distribution in <i>Brassica juncea</i> . Journal of Trace Elements in Medicine and Biology, 2017, 44, 32-39.	1.5	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. <i>Talanta</i> , 2017, 175, 370-381.	2.9	15
38	Direct analysis of elemental biodistribution in pea seedlings by LA-ICP-MS, EDX and confocal microscopy: Imaging and quantification. <i>Microchemical Journal</i> , 2016, 128, 305-311.	2.3	28
39	Chemometric approach to evaluate element distribution in muscle, liver and fish bone of roach ( <i>Rutilus rutilus</i> ), silver bream ( <i>Blicca bjoerkna</i> ) and crucian carp ( <i>Carassius carassius</i> ) from SwarÅ™dzkie Lake (Poland) using ICP-MS and FIAS-CVAAS techniques. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 790-800.	0.7	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. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016, 125, 1-10.	1.5	8
41	Nickel and chromium concentrations in Italian ryegrass exposed to ambient air in urban, suburban and rural areas. <i>Atmospheric Pollution Research</i> , 2015, 6, 1123-1131.	1.8	3
42	Barium Determination in Gastric Contents, Blood and Urine by Inductively Coupled Plasma Mass Spectrometry in the Case of Oral Barium Chloride Poisoning. <i>Journal of Analytical Toxicology</i> , 2014, 38, 380-382.	1.7	19
43	Laser ablation inductively coupled plasma mass spectrometry in quantitative analysis and imaging of plant's thin sections. <i>International Journal of Mass Spectrometry</i> , 2014, 363, 16-22.	0.7	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 RÅ™Å™ne StÅ™Å™lenia OÅ™owiu W Powietrzu Atmosferycznym. <i>Civil and Environmental Engineering Reports</i> , 2014, 14, 15-26.	0.2	0
45	Quantitative analysis of elements migration in human teeth with and without filling using LA-ICP-MS. <i>Microchemical Journal</i> , 2013, 110, 61-69.	2.3	34
46	Influence of Heavy Metal Ions on the Nutrition Composition, Phytochelatin Biosynthesis and Growth of <i>Pisum sativum</i> . <i>Progress in Environmental Science, Technology and Management</i> , 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. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 3221-3231.	1.9	33
48	Simultaneous determination of Cd, Cr, Cu, Ni, Pb and Zn in sewage sludge by slurry introduction ICP-OES method. <i>International Journal of Environmental Analytical Chemistry</i> , 2010, 90, 1025-1035.	1.8	10
49	Test of the relationships between the content of heavy metals in sewage sludge and source of their pollution by chemometric methods. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2009, 44, 1441-1448.	0.9	4
50	An analysis of long-distance root to leaf transport of lead in <i>Pisum sativum</i> plants by laser ablation-ICP-MS. <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 651-659.	1.8	22