

# Michaela Zeiner

## List of Publications by Citations

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53  
papers

767  
citations

15  
h-index

25  
g-index

60  
ext. papers

867  
ext. citations

3.8  
avg. IF

3.97  
L-index

#	Paper	IF	Citations
53	Determination of trace elements in olive oil by ICP-AES and ETA-AAS: A pilot study on the geographical characterization. <i>Microchemical Journal</i> , <b>2005</b> , 81, 171-176	4.8	102
52	Trace elemental characterization of edible oils by ICP-AES and GFAAS. <i>Microchemical Journal</i> , <b>2007</b> , 85, 136-139	4.8	90
51	Comparison of sample preparation methods for the ICP-AES determination of minor and major elements in clarified apple juices. <i>Microchemical Journal</i> , <b>2011</b> , 99, 364-369	4.8	39
50	Toxic and biochemical effects of zinc in Caco-2 cells. <i>Journal of Inorganic Biochemistry</i> , <b>2003</b> , 97, 324-30	4.2	35
49	Determination of platinum in urine and airborne particulate matter from Budapest and Vienna. <i>Microchemical Journal</i> , <b>2004</b> , 76, 31-34	4.8	31
48	ICP-AES determination of minor- and major elements in apples after microwave assisted digestion. <i>Food Chemistry</i> , <b>2012</b> , 135, 2675-80	8.5	27
47	Removal of Cr, Mn, and Co from textile wastewater by horizontal rotating tubular bioreactor. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 10690-6	10.3	25
46	Determination of 28 selected elements in textiles by axially viewed inductively coupled plasma optical emission spectrometry. <i>Talanta</i> , <b>2011</b> , 83, 865-71	6.2	24
45	Elemental characterisation of the medical herbs <i>Salvia officinalis</i> L. and <i>Teucrium montanum</i> L. grown in Croatia. <i>Microchemical Journal</i> , <b>2013</b> , 107, 185-189	4.8	22
44	A pilot study on the contents of selected pollutants in fish from the Tiber River (Rome). <i>Microchemical Journal</i> , <b>2005</b> , 79, 171-175	4.8	20
43	Iron uptake and toxicity in Caco-2 cells. <i>Microchemical Journal</i> , <b>2005</b> , 79, 393-397	4.8	20
42	ICP-AES determination of minor and major elements in Cornelian cherry ( <i>Cornus mas</i> L.) after microwave assisted digestion. <i>Microchemical Journal</i> , <b>2012</b> , 105, 72-76	4.8	19
41	Selected urinary metal reference concentrations of the Viennese population - urinary metal reference values (Vienna). <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2006</b> , 20, 240-4	4.1	17
40	Toxicological effects of iron on intestinal cells. <i>Cell Biochemistry and Function</i> , <b>2004</b> , 22, 143-7	4.2	16
39	Mineral Composition of Elements in Walnuts and Walnut Oils. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	16
38	Pharmacological levels of copper exert toxic effects in Caco-2 cells. <i>Biological Trace Element Research</i> , <b>2003</b> , 96, 143-52	4.5	15
37	Review Trace determination of potentially toxic elements in (medicinal) plant materials. <i>Analytical Methods</i> , <b>2017</b> , 9, 1550-1574	3.2	14

36	Metals in pine needles: characterisation of bio-indicators depending on species. <i>International Journal of Environmental Science and Technology</i> , <b>2019</b> , 16, 4339-4346	3.3	14
35	Influence of soil composition on the major, minor and trace metal content of Velebit biomedical plants. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 106, 153-8	3.5	14
34	Characterization of extra virgin olive oils derived from the Croatian cultivar Oblica. <i>European Journal of Lipid Science and Technology</i> , <b>2010</b> , 112, 1248-1252	3	14
33	Reference concentrations of trace elements in urine of the Budapestian population. <i>Biological Trace Element Research</i> , <b>2004</b> , 101, 107-15	4.5	14
32	The determination of the extractability of selected elements from agricultural soil. <i>Environmental Monitoring and Assessment</i> , <b>2013</b> , 185, 223-9	3.1	12
31	Elemental characterisation of the medical plant <i>Alchemilla velebitica</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2015</b> , 31, 274-8	4.1	11
30	Determination of Pt in urine of tram drivers by sector field inductively coupled plasma mass spectrometry. <i>Microchemical Journal</i> , <b>2007</b> , 87, 159-162	4.8	11
29	Sample Preparation Methods for the Determination of the Antioxidative Capacity of Apple Juices. <i>Croatica Chemica Acta</i> , <b>2011</b> , 84, 435-438	0.8	10
28	Monitoring of Cu, Fe, Ni, and Zn in wastewater during treatment in a horizontal rotating tubular bioreactor. <i>Water Environment Research</i> , <b>2010</b> , 82, 183-6	2.8	10
27	Determination of extractable chromium from leather. <i>Monatshefte Für Chemie</i> , <b>2009</b> , 140, 325-328	1.4	9
26	Inorganic Macro- and Micronutrients in "Superberries" Black Chokeberries ( <i>Aronia melanocarpa</i> ) and Related Teas. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	8
25	Influence of F hybridization on the metal uptake behaviour of pine trees ( <i>Pinus nigra</i> x <i>Pinus thunbergiana</i> ; <i>Pinus thunbergiana</i> x <i>Pinus nigra</i> ). <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 48, 190-195	4.1	7
24	Metal characterization of white hawthorn organs and infusions. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 1798-802	5.7	7
23	A study of the exposure of various population groups to platinum in Vienna (Austria) through urine analysis by inductively coupled plasma-mass spectrometry. <i>Microchemical Journal</i> , <b>2009</b> , 93, 22-24	4.8	7
22	Influence on elemental status by hip-endoprostheses. <i>Microchemical Journal</i> , <b>2007</b> , 85, 145-148	4.8	7
21	Determination of Iron in Caco-2 cells by ET-AAS. <i>Analytical and Bioanalytical Chemistry</i> , <b>2005</b> , 382, 239-42	4.4	7
20	Trace determination of skin-irritating metals in tea tree oil by GFAAS. <i>Microchemical Journal</i> , <b>2018</b> , 136, 101-105	4.8	6
19	Determination of allergy-causing metals from coins. <i>Monatshefte Für Chemie</i> , <b>2009</b> , 140, 147-151	1.4	6

18	TLC determination of allergenic and carcinogenic dyes. <i>Toxicology Letters</i> , <b>2006</b> , 164, S184	4.4	6
17	Harmful Elements (Al, Cd, Cr, Ni, and Pb) in Wild Berries and Fruits Collected in Croatia. <i>Toxics</i> , <b>2018</b> , 6,	4.7	5
16	Heavy Metals Removal in a Horizontal Rotating Tubular Bioreactor. <i>Water, Air, and Soil Pollution</i> , <b>2011</b> , 214, 343-355	2.6	5
15	Mathematical modeling of Fe(II), Cu(II), Ni(II) and Zn(II) removal in a horizontal rotating tubular bioreactor. <i>Bioprocess and Biosystems Engineering</i> , <b>2011</b> , 34, 1067-80	3.7	5
14	Trace elemental characterization of fly ash. <i>Toxicological and Environmental Chemistry</i> , <b>2011</b> , 93, 886-894	4.4	5
13	Geographic Differences in Element Accumulation in Needles of Aleppo Pines ( Mill.) Grown in Mediterranean Region. <i>Molecules</i> , <b>2019</b> , 24,	4.8	4
12	Study of the Accumulation of Toxic and Essential Ultra-Trace Elements in Fruits of Sorbus domestica L. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	4
11	Determination of copper in clarified apple juices. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 3617-20	5.7	4
10	Field-Tests versus Laboratory Methods for Determining Metal Pollutants in Soil Extracts. <i>Soil and Sediment Contamination</i> , <b>2020</b> , 29, 53-68	3.2	4
9	Availability of Selected (Pollutant) Elements and their Influence on Soil Composition in Urban Area. <i>Croatica Chemica Acta</i> , <b>2015</b> , 88, 23-33	0.8	2
8	Teaching Laboratories at a Slower Pace: Introduction of Photocomics as Easy-to-Use Laboratory Instructions. <i>Journal of Chemical Education</i> , <b>2019</b> , 96, 2518-2523	2.4	2
7	Determination of selected toxic elements in leaves of White Hawthorn grown in a remote area. <i>E3S Web of Conferences</i> , <b>2013</b> , 1, 34003	0.5	2
6	Corrosion and elution of harmful metals from metal buttons. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , <b>2010</b> , 61, 715-719	1.6	2
5	Comparison of methods for inorganic trace element analysis in croatian olive oils. <i>Acta Agronomica Hungarica: an International Multidisciplinary Journal in Agricultural Science</i> , <b>2008</b> , 56, 33-40		2
4	Determination of total chromium in tanned leather samples used in car industry. <i>Collegium Antropologicum</i> , <b>2011</b> , 35, 89-92	0.1	2
3	Differences in Bioaccumulation of Essential and Toxic Elements by White and Red Hawthorn. <i>Current Analytical Chemistry</i> , <b>2017</b> , 13,	1.7	1
2	Biosorption of Mn (II), Co (II) and Cr (VI) in a horizontal rotating tubular bioreactor: experiments and evaluation of the integral bioprocess model. <i>Brazilian Journal of Chemical Engineering</i> , <b>2014</b> , 31, 799-814 <sup>1.7</sup>		
1	International textile and clothing research register. <i>International Journal of Clothing Science and Technology</i> , <b>2007</b> , 19, 1-80	0.7	

