

# Michal Jakl

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

301  
citations

933447

10  
h-index

940533

16  
g-index

26  
all docs

26  
docs citations

26  
times ranked

230  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Detection of Cadmium and Lead Complexes with Low Molecular Weight Organic Acids. <i>Electroanalysis</i> , 2009, 21, 573-579.	2.9	35
2	Complexation between the fungicide tebuconazole and copper( $\text{Cu}(\text{II})$ ) probed by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1037-1042.	1.5	35
3	A new approach to study cadmium complexes with oxalic acid in soil solution. <i>Analytica Chimica Acta</i> , 2011, 693, 100-105.	5.4	23
4	Formation of Tebuconazole Complexes with Cadmium(II) Investigated by Electrospray Ionization Mass Spectrometry. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 2633-2640.	2.4	18
5	Triazole fungicides in soil affect the yield of fruit, green biomass, and phenolics production of <i>Solanum lycopersicum</i> L.. <i>Food Chemistry</i> , 2021, 351, 129328.	8.2	18
6	Electrochemical and Spectrometric Detection of Low-Molecular-Weight Organic Acids and their Complexes with Metals. <i>Current Organic Chemistry</i> , 2011, 15, 2970-2982.	1.6	16
7	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
8	Does resveratrol retain its antioxidative properties in wine? Redox behaviour of resveratrol in the presence of $\text{Cu}(\text{II})$ and tebuconazole. <i>Food Chemistry</i> , 2018, 262, 221-225.	8.2	15
9	Micellar electrokinetic chromatography in the determination of triazoles in fruit peel. <i>Journal of Chromatography A</i> , 2021, 1652, 462385.	3.7	13
10	Theoretical insight into the stabilization of triazole fungicides via their interactions with dications. <i>International Journal of Mass Spectrometry</i> , 2014, 359, 38-43.	1.5	12
11	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.	1.9	11
12	Side effects of triazoles on treated crops. <i>Chemosphere</i> , 2021, 277, 130242.	8.2	10
13	In situ generation of copper cations and complexation with tebuconazole in a hyphenation of electrochemistry with mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2013, 338, 45-49.	1.5	9
14	Triazoles and aromatase: The impact of copper cocktails. <i>Environmental Pollution</i> , 2020, 266, 115201.	7.5	9
15	Mimicking of cyproconazole behavior in the presence of Cu and Zn. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 2043-2050.	1.5	8
16	Complexation and stability of the fungicide penconazole in the presence of zinc and copper ions. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8714.	1.5	8
17	Formation and stability of calcium complexes of dimethyl sulfoxide in water. <i>International Journal of Mass Spectrometry</i> , 2014, 360, 8-14.	1.5	7
18	An electrochemical device generating metal ion adducts of organic compounds for electrospray mass spectrometry. <i>Electrochimica Acta</i> , 2016, 211, 787-793.	5.2	7

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19	Complexation of malic acid with cadmium(II) probed by electrospray ionization mass spectrometry. <i>Talanta</i> , 2012, 90, 63-68.	5.5	6
20	Binding abilities of copper to phospholipids and transport of oxalate. <i>Monatshefte für Chemie</i> , 2015, 146, 831-837.	1.8	5
21	Repellents Preventing Hoofed Game Browsing Can Alter the Mobility of Nutrients in Soil. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	5
22	Effective Concentration of Elements in Root Zone of Norway Spruce Stand 16 Years After Fertilization Probed with DGT. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	4
23	Fluorescein isothiocyanate stability in different solvents. <i>Monatshefte für Chemie</i> , 2021, 152, 1299-1306.	1.8	4
24	Biomass of Speckled Alder on an Air-Polluted Mountain Site and its Response to Fertilization. <i>Environmental Management</i> , 2014, 54, 1421-1433.	2.7	3
25	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.	2.4	3
26	Determination of important azoles in soil solution using CE. <i>Monatshefte für Chemie</i> , 2019, 150, 1625-1631.	1.8	2