Jolanta Mesjasz-PrzybyÅ‚owicz

List of Publications by Year
in descending order

26	808	687363 13	580821 25
papers	citations	h-index	g-index

26	26	26	846
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Contrasting patterns of nickel distribution in the hyperaccumulatorsPhyllanthus balgooyiandPhyllanthus rufuschaneyifrom Malaysian Borneo. Metallomics, 2022, 14, .	2.4	0
2	Multimodal synchrotron X-ray fluorescence imaging reveals elemental distribution in seeds and seedlings of the Znâ€“Cdâ€“Ni hyperaccumulatorNoccaea caerulescens. Metallomics, 2022, 14, .	2.4	5
3	Methods for Visualizing Elemental Distribution in Hyperaccumulator Plants. Mineral Resource Reviews, 2021, , 197-214.	1.5	4
4	X-ray fluorescence elemental mapping of roots, stems and leaves of the nickel hyperaccumulators Rinorea cf. bengalensis and Rinorea cf. javanica (Violaceae) from Sabah (Malaysia), Borneo. Plant and Soil, 2020, 448, 15-36.	3.7	11
5	Endosperm prevents toxic amounts of Zn from accumulating in the seed embryo â€“ an adaptation to metalliferous sites in metal-tolerant Biscutella laevigata. Metallomics, 2020, 12, 42-53.	2.4	9
6	Synchrotron ÂµXRF imaging of live seedlings of Berkheya coddii and Odontarrhena muralis during germination and seedling growth. Plant and Soil, 2020, 453, 487-501.	3.7	9
7	Zinc allocation to and within Arabidopsis halleri seeds: Different strategies of metal homeostasis in accessions under divergent selection pressure. Plant-Environment Interactions, 2020, 1, 207-220.	1.5	5
8	Ecophysiology of nickel hyperaccumulating plants from South Africa â€“ from ultramafic soil and mycorrhiza to plants and insects. Metallomics, 2020, 12, 1018-1035.	2.4	5
9	Elemental distribution and chemical speciation of copper and cobalt in three metallophytes from the copperâ€“cobalt belt in Northern Zambia. Metallomics, 2020, 12, 682-701.	2.4	23
10	Convergent patterns of tissue-level distribution of elements in different tropical woody nickel hyperaccumulator species from Borneo Island. AoB PLANTS, 2020, 12, plaa058.	2.3	3
11	Abnormal concentrations of Cuâ€“Co in Haumaniastrum katangense, Haumaniastrum robertii and Aeolanthus biformifolius: contamination or hyperaccumulation?. Metallomics, 2019, 11, 586-596.	2.4	17
12	Xâ€ray elemental mapping techniques for elucidating the ecophysiology of hyperaccumulator plants. New Phytologist, 2018, 218, 432-452.	7.3	104
13	Nickel biopathways in tropical nickel hyperaccumulating trees from Sabah (Malaysia). Scientific Reports, 2017, 7, 41861.	3.3	77
14	Extreme nickel hyperaccumulation in the vascular tracts of the tree Phyllanthus balgooyi from Borneo. New Phytologist, 2016, 209, 1513-1526.	7.3	46
15	Quantitative mapping of elemental distribution in leaves of the metallophytes Helichrysum candolleanum, Blepharis aspera, and Blepharis diversispina from Selkirk Cuâ€“Ni mine, Botswana. Nuclear Instruments & Methods in Physics Research B, 2015, 363, 188-193.	1.4	10
16	Elemental Distribution in Reproductive and Neural Organs of the Epilachna nylanderi (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 micro-PIXE. Journal of Insect Science, 2014, 14, 152.	1.5	6
17	Mycorrhizal colonization affects the elemental distribution in roots of Ni-hyperaccumulator Berkheya coddii Roessler. Environmental Pollution, 2013, 175, 100-109.	7.5	35
18	Symbiotic interactions of culturable microbes with the nickel hyperaccumulator Berkheya coddii and the herbivorous insect Chrysolina clathrata. Symbiosis, 2012, 58, 209-220.	2.3	7

#	Article	IF	Citations
19	The effect of mycorrhiza on the growth and elemental composition of Ni-hyperaccumulating plant Berkheya coddii Roessler. Environmental Pollution, 2011, 159, 3730-3738.	7.5	73
20	Differentiation of Regenerative Cells in the Midgut Epithelium of Epilachna cf. nylanderi (Mulsant 1850) (Insecta, Coleoptera, Coccinellidae). Folia Biologica, 2010, 58, 209-216.	0.5	20
21	Root Ultrastructure ofSenecio coronatusGenotypes Differing in Ni Uptake. Northeastern Naturalist, 2009, 16, 351-365.	0.3	3
22	Degeneration of the midgut epithelium in Epilachna cf. nylanderi (Insecta, Coccinellidae): apoptosis, autophagy, and necrosis. Canadian Journal of Zoology, 2008, 86, 1179-1188.	1.0	42
23	X-ray microanalysis of biological material in the frozen-hydrated state by PIXE. Microscopy Research and Technique, 2007, 70, 55-68.	2.2	35
24	Comparison of cytology and distribution of nickel in roots of Ni-hyperaccumulating and non-hyperaccumulating genotypes of Senecio coronatus. Plant and Soil, 2007, 293, 61-78.	3.7	52
25	Arbuscular mycorrhiza of Berkheya coddii and other Ni-hyperaccumulating members of Asteraceae from ultramafic soils in South Africa. Mycorrhiza, 2003, 13, 185-190.	2.8	142
26	Micro-PIXE in plant sciences: Present status and perspectives. Nuclear Instruments & Methods in Physics Research B, 2002, 189, 470-481.	1.4	65