Beata Rutkowska

List of Publications by Year in descending order

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32 papers	947 citations	840119 11 h-index	454577 30 g-index
32 all docs	32 docs citations	32 times ranked	1467 citing authors

#	Article	IF	Citations
1	Field assessment of organic amendments and spring barley to phytomanage a Cu/PAH-contaminated soil. Environmental Geochemistry and Health, 2023, 45, 19-39.	1.8	2
2	Relaunch cropping on marginal soils by incorporating amendments and beneficial trace elements in an interdisciplinary approach. Science of the Total Environment, 2022, 803, 149844.	3.9	6
3	Effects of drying and extraction methods on bioactive properties of plums. Food Control, 2021, 122, 107771.	2.8	8
4	Selenium Biofortification of Wheat as a Strategy to Improve Human Nutrition. Agriculture (Switzerland), 2021, 11, 144.	1.4	9
5	Agrotechnical Biofortification as a Method to Increase Selenium Content in Spring Wheat. Agronomy, 2021, 11, 541.	1.3	6
6	Phosphite spray for the control of oak decline induced by Phytophthora in Europe. Forest Ecology and Management, 2021, 485, 118938.	1.4	30
7	Use Bottom Sediment to Agricultureâ€"Effect on Plant and Heavy Metal Content in Soil. Agronomy, 2021, 11, 1077.	1.3	23
8	Possibilities of Using Organic Waste after Biological and Physical Processingâ€"An Overview. Processes, 2021, 9, 1501.	1.3	10
9	Changes in Selected Water Quality Parameters in the Utrata River as a Function of Catchment Area Land Use. Water (Switzerland), 2021, 13, 2989.	1.2	17
10	The Impact of Selenium Fertilization on the Quality Characteristics of Spring Wheat Grain. Agronomy, 2021, 11, 2100.	1.3	5
11	Hemp-Based Phytoaccumulation of Heavy Metals from Municipal Sewage Sludge and Phosphogypsum Under Field Conditions. Agronomy, 2020, 10, 907.	1.3	15
12	Impacts of organic soil amendments on forage grass production under different soil conditions. Agricultural and Food Science, 2020, 29, .	0.3	3
13	Discussion paper: Sustainable increase of crop production through improved technical strategies, breeding and adapted management â€“ A European perspective. Science of the Total Environment, 2019, 678, 146-161.	3.9	24
14	Soil N2O emissions under conventional tillage conditions and from forest soil. Soil and Tillage Research, 2019, 190, 86-91.	2.6	14
15	Plant available silicon in differentiated fertilizing conditions. Plant, Soil and Environment, 2019, 65, 233-237.	1.0	13
16	Influence of fire on selected physico-chemical properties of forest soil. Soil Science Annual, 2019, 70, 39-43.	0.4	2
17	Yielding, chemical composition and nitrogen use efficiency determined for white cabbage (Brassica) Tj ETQq1 1 0.784314 rgBT /Overl Journal of Elementology, 2019, , .	0.0	2
18	Impact of reduced tillage on CO 2 emission from soil under maize cultivation. Soil and Tillage Research, 2018, 180, 21-28.	2.6	52

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19	Accumulation of selected heavy metals in soils and common dandelion (Taraxacum officinale) near a road with high traffic intensity. Soil Science Annual, 2018, 69, 11-16.	0.4	6
20	Prediction of molybdenum availability to plants in differentiated soil conditions. Plant, Soil and Environment, 2017, 63, 491-497.	1.0	29
21	Soil N₂O emissions under conventional and reduced tillage methods and maize cultivation. Plant, Soil and Environment, 2017, 63, 342-347.	1.0	8
22	The impact of long-term application of inorganic nitrogen fertilizers and manure on changes of selected properties of organic matter in sandy loam soil. Journal of Central European Agriculture, 2017, 18, 542-553.	0.3	2
23	Influence of sulphur and multi-component fertilizer application on the content of Cu, Zn and Mn in different types of soil under maize. Journal of Central European Agriculture, 2017, 18, 571-583.	0.3	0
24	Forms of <scp>A</scp>l in soil and soil solution in a longâ€term fertilizer application experiment. Soil Use and Management, 2015, 31, 114-120.	2.6	13
25	Soil factors affecting solubility and mobility of zinc in contaminated soils. International Journal of Environmental Science and Technology, 2015, 12, 1687-1694.	1.8	45
26	Frequently asked questions about in vivo chlorophyll fluorescence: practical issues. Photosynthesis Research, 2014, 122, 121-158.	1.6	585
27	Speciation of Cu and Zn in soil solution in a long-term fertilization experiment. Soil Science Annual, 2014, 65, 25-28.	0.4	4
28	Effect of salt stress caused by deicing on the content of microelements in leaves of linden. Journal of Elementology, 2014, , .	0.0	7
29	Effects of soil properties on copper speciation in soil solution. Journal of Elementology, 2014, , .	0.0	2
30	Zinc speciation in soil solution of selected Polandâ€™s agricultural soils. Zemdirbyste, 2014, 101, 147-152.	0.3	3
31	Ion Equilibrium in the Soil Solution in Long-term Fertilization Experiment on Sandy Soil. Archives of Agronomy and Soil Science, 2002, 48, 445-449.	1.3	0
32	Availability of Microelements as Affected by Soil Reaction and Fertilization in Long-Term Field Experiments. Archives of Agronomy and Soil Science, 2002, 48, 451-458.	1.3	2