

Beata Rutkowska

List of Publications by Year in descending order

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Version: 2024-02-01

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	Frequently asked questions about in vivo chlorophyll fluorescence: practical issues. <i>Photosynthesis Research</i> , 2014, 122, 121-158.	1.6	585
2	Impact of reduced tillage on CO ₂ emission from soil under maize cultivation. <i>Soil and Tillage Research</i> , 2018, 180, 21-28.	2.6	52
3	Soil factors affecting solubility and mobility of zinc in contaminated soils. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 1687-1694.	1.8	45
4	Phosphite spray for the control of oak decline induced by <i>Phytophthora</i> in Europe. <i>Forest Ecology and Management</i> , 2021, 485, 118938.	1.4	30
5	Prediction of molybdenum availability to plants in differentiated soil conditions. <i>Plant, Soil and Environment</i> , 2017, 63, 491-497.	1.0	29
6	Discussion paper: Sustainable increase of crop production through improved technical strategies, breeding and adapted management – A European perspective. <i>Science of the Total Environment</i> , 2019, 678, 146-161.	3.9	24
7	Use Bottom Sediment to Agriculture – Effect on Plant and Heavy Metal Content in Soil. <i>Agronomy</i> , 2021, 11, 1077.	1.3	23
8	Changes in Selected Water Quality Parameters in the Utrata River as a Function of Catchment Area Land Use. <i>Water (Switzerland)</i> , 2021, 13, 2989.	1.2	17
9	Hemp-Based Phytoaccumulation of Heavy Metals from Municipal Sewage Sludge and Phosphogypsum Under Field Conditions. <i>Agronomy</i> , 2020, 10, 907.	1.3	15
10	Soil N ₂ O emissions under conventional tillage conditions and from forest soil. <i>Soil and Tillage Research</i> , 2019, 190, 86-91.	2.6	14
11	Forms of As^{III} in soil and soil solution in a long-term fertilizer application experiment. <i>Soil Use and Management</i> , 2015, 31, 114-120.	2.6	13
12	Plant available silicon in differentiated fertilizing conditions. <i>Plant, Soil and Environment</i> , 2019, 65, 233-237.	1.0	13
13	Possibilities of Using Organic Waste after Biological and Physical Processing – An Overview. <i>Processes</i> , 2021, 9, 1501.	1.3	10
14	Selenium Biofortification of Wheat as a Strategy to Improve Human Nutrition. <i>Agriculture (Switzerland)</i> , 2021, 11, 144.	1.4	9
15	Soil N ₂ O emissions under conventional and reduced tillage methods and maize cultivation. <i>Plant, Soil and Environment</i> , 2017, 63, 342-347.	1.0	8
16	Effects of drying and extraction methods on bioactive properties of plums. <i>Food Control</i> , 2021, 122, 107771.	2.8	8
17	Effect of salt stress caused by deicing on the content of microelements in leaves of linden. <i>Journal of Elementology</i> , 2014, , .	0.0	7
18	Agrotechnical Biofortification as a Method to Increase Selenium Content in Spring Wheat. <i>Agronomy</i> , 2021, 11, 541.	1.3	6

#	ARTICLE	IF	CITATIONS
19	Relaunch cropping on marginal soils by incorporating amendments and beneficial trace elements in an interdisciplinary approach. <i>Science of the Total Environment</i> , 2022, 803, 149844.	3.9	6
20	Accumulation of selected heavy metals in soils and common dandelion (<i>Taraxacum officinale</i>) near a road with high traffic intensity. <i>Soil Science Annual</i> , 2018, 69, 11-16.	0.4	6
21	The Impact of Selenium Fertilization on the Quality Characteristics of Spring Wheat Grain. <i>Agronomy</i> , 2021, 11, 2100.	1.3	5
22	Speciation of Cu and Zn in soil solution in a long-term fertilization experiment. <i>Soil Science Annual</i> , 2014, 65, 25-28.	0.4	4
23	Impacts of organic soil amendments on forage grass production under different soil conditions. <i>Agricultural and Food Science</i> , 2020, 29, .	0.3	3
24	Zinc speciation in soil solution of selected Poland's agricultural soils. <i>Zemdirbyste</i> , 2014, 101, 147-152.	0.3	3
25	Availability of Microelements as Affected by Soil Reaction and Fertilization in Long-Term Field Experiments. <i>Archives of Agronomy and Soil Science</i> , 2002, 48, 451-458.	1.3	2
26	Effects of soil properties on copper speciation in soil solution. <i>Journal of Elementology</i> , 2014, , .	0.0	2
27	The impact of long-term application of inorganic nitrogen fertilizers and manure on changes of selected properties of organic matter in sandy loam soil. <i>Journal of Central European Agriculture</i> , 2017, 18, 542-553.	0.3	2
28	Influence of fire on selected physico-chemical properties of forest soil. <i>Soil Science Annual</i> , 2019, 70, 39-43.	0.4	2
29	Yielding, chemical composition and nitrogen use efficiency determined for white cabbage (<i>Brassica</i>) Tj ETQq1 1 0.784314 rgBT /Overl <i>Journal of Elementology</i> , 2019, , .	0.0	2
30	Field assessment of organic amendments and spring barley to phytomanage a Cu/PAH-contaminated soil. <i>Environmental Geochemistry and Health</i> , 2023, 45, 19-39.	1.8	2
31	Ion Equilibrium in the Soil Solution in Long-term Fertilization Experiment on Sandy Soil. <i>Archives of Agronomy and Soil Science</i> , 2002, 48, 445-449.	1.3	0
32	Influence of sulphur and multi-component fertilizer application on the content of Cu, Zn and Mn in different types of soil under maize. <i>Journal of Central European Agriculture</i> , 2017, 18, 571-583.	0.3	0