

Jacek Antonkiewicz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6584155/publications.pdf>

Version: 2024-02-01

59
papers

992
citations

331642

21
h-index

477281

29
g-index

61
all docs

61
docs citations

61
times ranked

1393
citing authors

#	ARTICLE	IF	CITATIONS
1	Recovery of microelements from municipal sewage sludge by reed canary grass and giant miscanthus. <i>International Journal of Phytoremediation</i> , 2023, 25, 441-454.	3.1	9
2	Phytoextraction of heavy metals after application of bottom ash and municipal sewage sludge considering the risk of environmental pollution. <i>Journal of Environmental Management</i> , 2022, 306, 114517.	7.8	28
3	Chemical properties of the coffee grounds and poultry eggshells mixture in terms of soil improver. <i>Scientific Reports</i> , 2022, 12, 2592.	3.3	12
4	Green Designs in Hydraulics – Construction Infrastructures for Safe Agricultural Tourism and Sustainable Sports Tourism Facilities Mitigating Risks of Tourism in Crisis at Post COVID-19 Era. <i>Smart Innovation, Systems and Technologies</i> , 2022, , 37-47.	0.6	3
5	Effect of Seed Dressing and Soil Chemical Properties on Communities of Microorganisms Associated with Pre-Emergence Damping-Off of Broad Bean Seedlings. <i>Agronomy</i> , 2021, 11, 1889.	3.0	3
6	A Roadmap for Integrated Green Health EcoTourism Infrastructures, Safe Cultural Heritage Experience and AgriTourism Destinations in the Post Covid-19 Pandemic Era. <i>Smart Innovation, Systems and Technologies</i> , 2021, , 108-119.	0.6	11
7	Assessment of the health risk associated with exposure to heavy metals present in particulate matter deposition in the Małopolska Province. <i>Geology Geophysics and Environment</i> , 2021, 47, 95-107.	0.3	6
8	Concentration of trace elements in forest soil affected by former timber depot. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 640.	2.7	5
9	The Effect of Amending Soil with Waste Elemental Sulfur on the Availability of Selected Macroelements and Heavy Metals. <i>Processes</i> , 2020, 8, 1245.	2.8	8
10	Enzymatic Activity of Loess Soil in Organic and Conventional Farming Systems. <i>Agriculture (Switzerland)</i> , 2020, 10, 135.	3.1	31
11	The Effects of Catch Crops and Tillage Systems on Selected Physical Properties and Enzymatic Activity of Loess Soil in a Spring Wheat Monoculture. <i>Agronomy</i> , 2020, 10, 334.	3.0	18
12	Application of ash and municipal sewage sludge as macronutrient sources in sustainable plant biomass production. <i>Journal of Environmental Management</i> , 2020, 264, 110450.	7.8	53
13	An integrated assessment of the long-term impact of municipal sewage sludge on the chemical and biological properties of soil. <i>Catena</i> , 2020, 189, 104484.	5.0	43
14	Polycyclic aromatic hydrocarbon and heavy metal contents in the urban soils in southern Poland. <i>Chemosphere</i> , 2019, 229, 214-226.	8.2	70
15	A mixture of cellulose production waste with municipal sewage as new material for an ecological management of wastes. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 607-614.	6.0	35
16	Effect of Municipal Sewage Sludge on Soil Chemical Properties and Chemical Composition of Spring Wheat. <i>Ecological Chemistry and Engineering S</i> , 2019, 26, 583-595.	1.5	9
17	Identifying Soils for Reduced Tillage and No-Till Farming Using GIS. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 2407-2413.	1.2	6
18	The possibility of using sewage sludge for energy crop cultivation exemplified by reed canary grass and giant miscanthus. <i>Soil Science Annual</i> , 2019, 70, 21-33.	0.8	27

#	ARTICLE	IF	CITATIONS
19	Smoke compounds aggravate stress inflicted on Brassica seedlings by unfavourable soil conditions. <i>Photosynthetica</i> , 2019, 57, 1-8.	1.7	30
20	Photosynthetic response of cabbage in cadmium-spiked soil. <i>Photosynthetica</i> , 2019, 57, 731-739.	1.7	28
21	The Effect of Different Forms of Sulphur on Incidence of Apple Scab on Apple Tree (<i>Malus x domestica</i>) <i>Tj ETQq1 1 0,784314 rgBT /Ov</i>	1.5	1
22	Factors influencing chemical quality of composted poultry waste. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1678-1686.	3.8	25
23	Content of Zn, Cd and Pb in purple moor-grass in soils heavily contaminated with heavy metals around a zinc and lead ore tailing landfill. <i>Open Chemistry</i> , 2018, 16, 1143-1152.	1.9	28
24	The effect of cellulose production waste and municipal sewage sludge on biomass and heavy metal uptake by a plant mixture. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31101-31112.	5.3	26
25	Organic fertilization shapes the biodiversity of fungal communities associated with potato dry rot. <i>Applied Soil Ecology</i> , 2018, 129, 43-51.	4.3	20
26	The Use of Macroelements from Municipal Sewage Sludge by the Multiflora Rose and the Virginia fanpetals. <i>Journal of Ecological Engineering</i> , 2018, 19, 1-13.	1.1	27
27	Using Jerusalem Artichoke to Extract Heavy Metals from Municipal Sewage Sludge Amended Soil. <i>Polish Journal of Environmental Studies</i> , 2018, 27, 513-527.	1.2	26
28	Effect of long-term slurry application on contents of available forms of soil macronutrients. <i>Soil Science Annual</i> , 2018, 69, 194-204.	0.8	3
29	Nitrogen and sulphur fertilisation affecting soybean seed spermidine content. <i>Journal of Elementology</i> , 2018, , .	0.2	2
30	Phytoextraction of heavy metals from municipal sewage sludge by <i>Rosa multiflora</i> and <i>Sida hermaphrodita</i> . <i>International Journal of Phytoremediation</i> , 2017, 19, 309-318.	3.1	29
31	Determination of lithium bioretention by maize under hydroponic conditions. <i>Archives of Environmental Protection</i> , 2017, 43, 94-104.	1.1	18
32	YIELDING AND CONTENT OF SELECTED MICROELEMENTS IN MAIZE FERTILIZED WITH VARIOUS ORGANIC MATERIALS. <i>Journal of Ecological Engineering</i> , 2017, 18, 219-223.	1.1	3
33	The effect of municipal sewage sludge on the content, use and mass ratios of some elements in spring barley biomass. <i>Soil Science Annual</i> , 2017, 68, 99-105.	0.8	7
34	The effect of municipal sewage sludge on the chemical composition of spring barley. <i>Soil Science Annual</i> , 2016, 67, 124-130.	0.8	14
35	Antioxidative activity of cabbage leaves caused by soil contamination with zinc and cadmium. <i>New Biotechnology</i> , 2016, 33, S126-S127.	4.4	0
36	Chemical Innovation in Plant Nutrition in a Historical Continuum from Ancient Greece and Rome until Modern Times. <i>Chemistry, Didactics, Ecology, Metrology</i> , 2016, 21, 29-43.	0.6	9

#	ARTICLE	IF	CITATIONS
37	The effect of harvest frequency on yielding and quality of energy raw material of reed canary grass grown on municipal sewage sludge. <i>Biomass and Bioenergy</i> , 2016, 85, 363-370.	5.7	18
38	Nickel bioaccumulation by the chosen plant species. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	27
39	The use of reed canary grass and giant miscanthus in the phytoremediation of municipal sewage sludge. <i>Environmental Science and Pollution Research</i> , 2016, 23, 9505-9517.	5.3	44
40	<i>Miscanthus</i> — <i>giganteus</i> as a biomass feedstock grown on municipal sewage sludge. <i>Industrial Crops and Products</i> , 2016, 81, 72-82.	5.2	39
41	The use of dialdehyde starch derivatives in the phytoremediation of soils contaminated with heavy metals. <i>International Journal of Phytoremediation</i> , 2016, 18, 245-250.	3.1	26
42	Changes in the Content of Soil Phosphorus after its Application into Chernozem and Haplic Luvisol and the Effect on Yields of Barley Biomass. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2016, 64, 1603-1608.	0.4	7
43	Use of sewage sludge in bioenergy production—A case study on the effects on sorghum biomass production. <i>European Journal of Agronomy</i> , 2015, 69, 63-74.	4.1	32
44	The use of heavy metal accumulating plants for detoxication of chemically polluted soils. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2015, 52, 113-120.	0.4	6
45	What is More Suitable for Kohlrabi Fertilization - Digestate or Mineral Fertilizers?. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2015, 63, 787-791.	0.4	4
46	Fractions of heavy metals in the soil after the application of municipal sewage sludge, peat and furnace ash. <i>Toprak Su Dergisi</i> , 2015, .	2.0	0
47	Fractions of heavy metals in soil after the application of municipal sewage sludge, peat, and furnace ash / Frakcje metali ciężkich w glebie po zastosowaniu komunalnego osadu ściekowego, popiołu paleniskowego i torfu. <i>Soil Science Annual</i> , 2014, 65, 118-125.	0.8	11
48	The effect of hard coal ashes on the amount and quality of maize yield. Part 1. Heavy metals. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2014, 55, 7-16.	0.4	1
49	The effect of hard coal ashes on the quality of maize yield. Part 2. Microelements. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2014, 55, 9-16.	0.4	2
50	Selected element contents formation in linseed plants (<i>Linum usitatissimum</i> L.) depending on the phase of development and plant part. <i>Acta Agrobotanica</i> , 2013, 55, 37-50.	1.0	1
51	The dose-dependent influence of zinc and cadmium contamination of soil on their uptake and glucosinolate content in white cabbage (<i>Brassica oleracea</i> var. <i>capitata</i> f. <i>alba</i>). <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2482-2489.	4.3	58
52	The effect of variable mineral fertilization on yield and grain mineral composition of covered and naked oat cultivars. <i>Journal of Elementology</i> , 2012, , .	0.2	4
53	Effect of sewage sludge and furnace waste on the content of selected elements in the sward of legume-grass mixture. <i>Journal of Elementology</i> , 2012, , .	0.2	7
54	Effect of traffic pollution on chemical composition of raw elderberry (<i>Sambucus nigra</i> L.). <i>Journal of Elementology</i> , 2012, , .	0.2	12

#	ARTICLE	IF	CITATIONS
55	Assessment of chemical composition and sanitary state of sand in selected sandboxes in Krakow. Journal of Elementology, 2012, , .	0.2	2
56	Physiological response of plants and cadmium accumulation in heads of two cultivars of white cabbage. Journal of Elementology, 2011, , .	0.2	9
57	Assessment of the use of municipal and industrial wastes in agriculture. Polish Journal of Chemical Technology, 2007, 9, 15-19.	0.5	4
58	The effect of hard coal ashes on the amount and quality of maize yield. Polish Journal of Chemical Technology, 2007, 9, 20-25.	0.5	1
59	FACTORS INFLUENCING COMPOSTING POULTRY WASTE. Journal of Ecological Engineering, 0, 16, 93-100.	1.1	1