

Marta Pogrzeba

List of Publications by Year in descending order

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45
papers

1,265
citations

394421

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1671
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#	ARTICLE	IF	CITATIONS
1	The effect of amendments on <i>Lolium perenne</i> roots arbuscular mycorrhizal fungi colonization when cultivated in contaminated soil. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 9365-9376.	3.5	4
2	Field Evaluation of Arbuscular Mycorrhizal Fungal Colonization in <i>Miscanthus</i> \tilde{A} – <i>giganteus</i> and Seed-Based <i>Miscanthus</i> Hybrids Grown in Heavy-Metal-Polluted Areas. <i>Plants</i> , 2022, 11, 1216.	3.5	5
3	The cadmium accumulation differences of two <i>Bidens pilosa</i> L. ecotypes from clean farmlands and the changes of some physiology and biochemistry indices. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111847.	6.0	14
4	Physiological status and biomass yield of <i>Sida hermaphrodita</i> (L.) Rusby cultivated on two distinct marginal lands in Southern and Northern Poland. <i>Industrial Crops and Products</i> , 2021, 167, 113502.	5.2	7
5	Implementing miscanthus into farming systems: A review of agronomic practices, capital and labour demand. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 132, 110053.	16.4	45
6	Hormesis in Plants: The Role of Oxidative Stress, Auxins and Photosynthesis in Corn Treated with Cd or Pb. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2099.	4.1	65
7	Fuel characterization and thermal degradation kinetics of biomass from phytoremediation plants. <i>Biomass and Bioenergy</i> , 2020, 134, 105469.	5.7	19
8	Exogenous jasmonic acid decreased Cu accumulation by alfalfa and improved its photosynthetic pigments and antioxidant system. <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110176.	6.0	24
9	Special issue in honour of Prof. Reto J. Strasser - \tilde{A} Development and aging of photosynthetic apparatus of <i>Vitis vinifera</i> L. during growing season. <i>Photosynthetica</i> , 2020, 58, 186-193.	1.7	14
10	Comparison of root colonization by arbuscular mycorrhizal fungi in energy crop species cultivated on arable land contaminated with heavy metals. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 214, 012030.	0.3	2
11	Energy Crop at Heavy Metal-Contaminated Arable Land as an Alternative for Food and Feed Production: Biomass Quantity and Quality. , 2019, , 1-21.		10
12	Energy crops for sustainable phytoremediation \tilde{A} “ Fuel characterization. <i>Energy Procedia</i> , 2019, 158, 867-872.	1.8	13
13	Energy crops for sustainable phytoremediation \tilde{A} “ Thermal decomposition kinetics. <i>Energy Procedia</i> , 2019, 158, 873-878.	1.8	14
14	<i>Dactylis glomerata</i> L. cultivation on mercury contaminated soil and its physiological response to granular sulphur aided phytostabilization. <i>Environmental Pollution</i> , 2019, 255, 113271.	7.5	14
15	Influence of short-term macronutrient deprivation in maize on photosynthetic characteristics, transpiration and pigment content. <i>Scientific Reports</i> , 2019, 9, 14181.	3.3	27
16	New <i>Miscanthus</i> hybrids cultivated at a Polish metal-contaminated site demonstrate high stomatal regulation and reduced shoot Pb and Cd concentrations. <i>Environmental Pollution</i> , 2019, 252, 1377-1387.	7.5	29
17	Harvest date and leaf:stem ratio determine methane hectare yield of miscanthus biomass. <i>GCB Bioenergy</i> , 2019, 11, 21-33.	5.6	30
18	Cultivation of C4 perennial energy grasses on heavy metal contaminated arable land: Impact on soil, biomass, and photosynthetic traits. <i>Environmental Pollution</i> , 2019, 250, 300-311.	7.5	31

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19	How autochthonous microorganisms influence physiological status of <i>Zea mays</i> L. cultivated on heavy metal contaminated soils?. <i>Environmental Science and Pollution Research</i> , 2019, 26, 4746-4763.	5.3	32
20	Macroelements and heavy metals content in energy crops cultivated on contaminated soil under different fertilization – case studies on autumn harvest. <i>Environmental Science and Pollution Research</i> , 2018, 25, 12096-12106.	5.3	39
21	Possibility of Using Energy Crops for Phytoremediation of Heavy Metals Contaminated Land – A Three-Year Experience. <i>Springer Proceedings in Energy</i> , 2018, , 33-45.	0.3	2
22	Case study on phytoremediation driven energy crop production using <i>Sida hermaphrodita</i> . <i>International Journal of Phytoremediation</i> , 2018, 20, 1194-1204.	3.1	13
23	Photosynthetic Apparatus Efficiency of <i>Sida Hermaphrodita</i> Cultivated on Heavy Metals Contaminated Arable Land Under Various Fertilization Regimes. <i>Civil and Environmental Engineering Reports</i> , 2018, 28, 130-145.	0.3	2
24	Phytoremediation as an effective method to remove heavy metals from contaminated area – TG/FT-IR analysis results of the gasification of heavy metal contaminated energy crops. <i>Journal of the Energy Institute</i> , 2017, 90, 408-417.	5.3	26
25	Progress in upscaling <i>Miscanthus</i> biomass production for the European bioeconomy with seed-based hybrids. <i>GCB Bioenergy</i> , 2017, 9, 6-17.	5.6	156
26	Relationships between soil parameters and physiological status of <i>Miscanthus x giganteus</i> cultivated on soil contaminated with trace elements under NPK fertilisation vs. microbial inoculation. <i>Environmental Pollution</i> , 2017, 225, 163-174.	7.5	63
27	Heavy Metal Uptake by Novel <i>Miscanthus</i> Seed-Based Hybrids Cultivated in Heavy Metal Contaminated Soil. <i>Civil and Environmental Engineering Reports</i> , 2017, 26, 121-132.	0.3	22
28	MACROELEMENTS AND HEAVY METALS CONTENT IN <i>Panicum virgatum</i> CULTIVATED ON CONTAMINATED SOIL UNDER DIFFERENT FERTILIZATION. <i>Agriculture and Forestry</i> , 2017, 63, .	0.1	1
29	PHYSICO-CHEMICAL PROPERTIES OF THE SOLID AND LIQUID WASTE PRODUCTS FROM THE HEAVY METAL CONTAMINATED ENERGY CROPS GASIFICATION PROCESS. <i>Inżynieria Ekologiczna</i> , 2017, 18, 36-42.	0.2	0
30	Ecological strategy for soil contaminated with mercury. <i>Plant and Soil</i> , 2016, 409, 371-387.	3.7	20
31	DARt-based characterisation of genetic diversity in a <i>Miscanthus</i> collection from Poland. <i>Planta</i> , 2015, 242, 985-996.	3.2	9
32	Sewage sludge and fly ash mixture as an alternative for decontaminating lead and zinc ore regions. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 4120.	2.7	8
33	Chlorophyll a Fluorescence in Evaluation of the Effect of Heavy Metal Soil Contamination on Perennial Grasses. <i>PLoS ONE</i> , 2014, 9, e91475.	2.5	80
34	Changes in Enzyme Activities and Microbial Community Structure in Heavy Metal-Contaminated Soil under <i>In Situ</i> Aided Phytostabilization. <i>Clean - Soil, Air, Water</i> , 2014, 42, 1618-1625.	1.1	25
35	Environmental hazards related to <i>Miscanthus x giganteus</i> cultivation on heavy metal contaminated soil. <i>E3S Web of Conferences</i> , 2013, 1, 29006.	0.5	12
36	The Effect of Heavy Metal Contaminated Soil on Growth and Development of Perennial Grasses. <i>E3S Web of Conferences</i> , 2013, 1, 13006.	0.5	1

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37	Diminishing the risk on lead and zinc ore regions by subtle modulation of soil properties. E3S Web of Conferences, 2013, 1, 01001.	0.5	0
38	Suitability of Grass Species for Phytoremediation of Soils Polluted with Heavy-metals. , 2013, , 245-248.		5
39	A Heavy Metal Environmental Threat Resulting from Combustion of Biofuels of Plant Origin. NATO Science for Peace and Security Series C: Environmental Security, 2011, , 213-225.	0.2	5
40	How to Grow Environmental " Sound Biofuels. NATO Science for Peace and Security Series C: Environmental Security, 2011, , 317-330.	0.2	1
41	Soil Remediation Scenarios for Heavy Metal Contaminated Soil. NATO Science for Peace and Security Series C: Environmental Security, 2008, , 301-307.	0.2	2
42	Phytoremediation Technologies Used To Reduce Environmental Threat Posed By Metal-Contaminated Soils: Theory And Reality. NATO Science for Peace and Security Series C: Environmental Security, 2008, , 285-297.	0.2	9
43	Diminishing of Human Exposure from Active Lead and Zinc Mining Dumps. NATO Science for Peace and Security Series C: Environmental Security, 2008, , 293-299.	0.2	1
44	The use of indigenous plant species and calcium phosphate for the stabilization of highly metal-polluted sites in southern Poland. Plant and Soil, 2005, 273, 291-305.	3.7	86
45	Phytoextraction crop disposal"an unsolved problem. Environmental Pollution, 2004, 128, 373-379.	7.5	277