

Jacek Krzyzak

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

519
citations

12
h-index

22
g-index

34
ext. papers

665
ext. citations

3.9
avg, IF

3.54
L-index

#	Paper	IF	Citations
30	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	7	1
29	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	5.9	1
28	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	7	11
27	<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	9.3	7
26	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	9.3	15
25	Harvest date and leaf:stem ratio determine methane hectare yield of miscanthus biomass. <i>GCB Bioenergy</i> , 2019 , 11, 21-33	5.6	20
24	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	9.3	19
23	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	1
22	Energy Crop at Heavy Metal-Contaminated Arable Land as an Alternative for Food and Feed Production: Biomass Quantity and Quality 2019 , 1-21		3
21	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	5.1	16
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	5.1	29
19	Possibility of Using Energy Crops for Phytoremediation of Heavy Metals Contaminated Land – Three-Year Experience. <i>Springer Proceedings in Energy</i> , 2018 , 33-45	0.2	0
18	Case study on phytoremediation driven energy crop production using. <i>International Journal of Phytoremediation</i> , 2018 , 20, 1194-1204	3.9	10
17	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	0.6	2
16	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	5.7	19
15	Progress in upscaling <i>Miscanthus</i> biomass production for the European bio-economy with seed-based hybrids. <i>GCB Bioenergy</i> , 2017 , 9, 6-17	5.6	102
14	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	9.3	37

13	Heavy Metal Uptake by Novel Miscanthus Seed-Based Hybrids Cultivated in Heavy Metal Contaminated Soil. <i>Civil and Environmental Engineering Reports</i> , 2017 , 26, 121-132	0.6	8
12	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	3.1	7
11	Changes in Enzyme Activities and Microbial Community Structure in Heavy Metal-Contaminated Soil under in Situ Aided Phytostabilization. <i>Clean - Soil, Air, Water</i> , 2014 , 42, 1618-1625	1.6	21
10	Chlorophyll a fluorescence in evaluation of the effect of heavy metal soil contamination on perennial grasses. <i>PLoS ONE</i> , 2014 , 9, e91475	3.7	63
9	Environmental hazards related to Miscanthus giganteus cultivation on heavy metal contaminated soil. <i>E3S Web of Conferences</i> , 2013 , 1, 29006	0.5	11
8	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
7	MICROBIAL PARAMETERS AS BIOINDICATORS OF SOIL QUALITY DURING AIDED PHYTOSTABILIZATION OF METAL CONTAMINATED SOIL. <i>Environmental Engineering and Management Journal</i> , 2012 , 11, 1775-1782	0.6	2
6	A Heavy Metal Environmental Threat Resulting from Combustion of Biofuels of Plant Origin. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2011 , 213-225	0.3	4
5	Phytoremediation Technologies Used To Reduce Environmental Threat Posed By Metal-Contaminated Soils: Theory And Reality. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2008 , 285-297	0.3	7
4	Effect of chemophytostabilization practices on arbuscular mycorrhiza colonization of <i>Deschampsia cespitosa</i> ecotype WaryŹki at different soil depths. <i>Environmental Pollution</i> , 2007 , 150, 338-46	9.3	23
3	THE POTENTIAL USE OF FESTUCA CULTIVARS AND LIGNITE FOR PHYTOSTABILIZATION OF HEAVY METAL POLLUTED SOILS 2006 , 367-374		1
2	Assessment of Fescue Cultivars for Phytostabilization Effectiveness 2006 , 135-143		
1	The use of indigenous plant species and calcium phosphate for the stabilization of highly metal-polluted sites in southern Poland. <i>Plant and Soil</i> , 2005 , 273, 291-305	4.2	77