

Jacek Krzyzak

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7950308/jacek-krzyzak-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
29	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
28	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
27	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
26	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
25	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
24	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
23	Harvest date and leaf:stem ratio determine methane hectare yield of <i>Miscanthus</i> biomass. <i>GCB Bioenergy</i> , 2019 , 11, 21-33	5.6	20
22	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
21	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
20	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
19	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
18	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
17	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	11
16	Case study on phytoremediation driven energy crop production using. <i>International Journal of Phytoremediation</i> , 2018 , 20, 1194-1204	3.9	10
15	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	0.6	8
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	9.3	7

13	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
12	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
11	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
10	Energy Crop at Heavy Metal-Contaminated Arable Land as an Alternative for Food and Feed Production: Biomass Quantity and Quality 2019 , 1-21		3
9	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
8	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
7	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
6	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
5	THE POTENTIAL USE OF FESTUCA CULTIVARS AND LIGNITE FOR PHYTOSTABILIZATION OF HEAVY METAL POLLUTED SOILS 2006 , 367-374		1
4	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
3	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
2	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	0.2	0
1	Assessment of Fescue Cultivars for Phytostabilization Effectiveness 2006 , 135-143		