

# Filip M G Tack

## List of Publications by Citations

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194  
papers

9,903  
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h-index

91  
g-index

203  
ext. papers

11,133  
ext. citations

6.6  
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L-index

#	Paper	IF	Citations
194	Trace metal behaviour in estuarine and riverine floodplain soils and sediments: a review. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 3972-85	10.2	792
193	Comparison of EDTA and EDDS as potential soil amendments for enhanced phytoextraction of heavy metals. <i>Chemosphere</i> , <b>2005</b> , 58, 1011-22	8.4	326
192	A critical review on effects, tolerance mechanisms and management of cadmium in vegetables. <i>Chemosphere</i> , <b>2017</b> , 182, 90-105	8.4	232
191	Nutrient Recovery from Digestate: Systematic Technology Review and Product Classification. <i>Waste and Biomass Valorization</i> , <b>2017</b> , 8, 21-40	3.2	193
190	EDTA-assisted Pb phytoextraction. <i>Chemosphere</i> , <b>2009</b> , 74, 1279-91	8.4	192
189	The use of bio-energy crops (Zea mays) for phytoattenuation of heavy metals on moderately contaminated soils: a field experiment. <i>Chemosphere</i> , <b>2010</b> , 78, 35-41	8.4	190
188	Cadmium phyto remediation potential of Brassica crop species: A review. <i>Science of the Total Environment</i> , <b>2018</b> , 631-632, 1175-1191	10.2	177
187	Phytoremediation prospects of willow stands on contaminated sediment: a field trial. <i>Environmental Pollution</i> , <b>2003</b> , 126, 275-82	9.3	173
186	Phytoavailability assessment of heavy metals in soils by single extractions and accumulation by <i>Phaseolus vulgaris</i> . <i>Environmental and Experimental Botany</i> , <b>2007</b> , 60, 385-396	5.9	168
185	Effect of salinity on heavy metal mobility and availability in intertidal sediments of the Scheldt estuary. <i>Estuarine, Coastal and Shelf Science</i> , <b>2008</b> , 77, 589-602	2.9	160
184	PHYTOREMEDIATION FOR HEAVY METAL-CONTAMINATED SOILS COMBINED WITH BIOENERGY PRODUCTION. <i>Journal of Environmental Engineering and Landscape Management</i> , <b>2007</b> , 15, 227-236	1.1	156
183	Potential of five willow species ( <i>Salix</i> spp.) for phytoextraction of heavy metals. <i>Environmental and Experimental Botany</i> , <b>2007</b> , 60, 57-68	5.9	141
182	Comparison of cadmium extractability from soils by commonly used single extraction protocols. <i>Geoderma</i> , <b>2007</b> , 141, 247-259	6.7	141
181	Potential of Brassica rapa, Cannabis sativa, Helianthus annuus and Zea mays for phytoextraction of heavy metals from calcareous dredged sediment derived soils. <i>Chemosphere</i> , <b>2005</b> , 61, 561-72	8.4	141
180	Accumulation of metals in a horizontal subsurface flow constructed wetland treating domestic wastewater in Flanders, Belgium. <i>Science of the Total Environment</i> , <b>2007</b> , 380, 102-15	10.2	129
179	Enhanced phytoextraction: in search of EDTA alternatives. <i>International Journal of Phytoremediation</i> , <b>2004</b> , 6, 95-109	3.9	129
178	Remediation of mercury contaminated soil, water, and air: A review of emerging materials and innovative technologies. <i>Environment International</i> , <b>2020</b> , 134, 105281	12.9	123

177	Influence of hydrological regime on pore water metal concentrations in a contaminated sediment-derived soil. <i>Environmental Pollution</i> , <b>2007</b> , 147, 615-25	9.3	122
176	Arsenic in cooked rice: effect of chemical, enzymatic and microbial processes on bioaccessibility and speciation in the human gastrointestinal tract. <i>Environmental Pollution</i> , <b>2012</b> , 162, 241-6	9.3	121
175	Effect of dissolved organic matter source on acute copper toxicity to <i>Daphnia magna</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2004</b> , 23, 1248-55	3.8	111
174	Determination of Al, Cu, Fe, Mn, Pb and Zn in certified reference materials using the optimized BCR sequential extraction procedure. <i>Analytica Chimica Acta</i> , <b>2002</b> , 454, 249-257	6.6	111
173	Phytoremediation, a sustainable remediation technology? Conclusions from a case study. I: Energy production and carbon dioxide abatement. <i>Biomass and Bioenergy</i> , <b>2012</b> , 39, 454-469	5.3	108
172	Development and field validation of a predictive copper toxicity model for the green alga <i>Pseudokirchneriella subcapitata</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2003</b> , 22, 2454-65	3.8	103
171	Effects of Vegetation, Season and Temperature on the Removal of Pollutants in Experimental Floating Treatment Wetlands. <i>Water, Air, and Soil Pollution</i> , <b>2010</b> , 212, 281-297	2.6	102
170	Baseline concentration levels of trace elements as a function of clay and organic carbon contents in soils in Flanders (Belgium). <i>Science of the Total Environment</i> , <b>1997</b> , 201, 113-123	10.2	101
169	Effect of gasification biochar application on soil quality: Trace metal behavior, microbial community, and soil dissolved organic matter. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 365, 684-694	12.8	100
168	Availability of heavy metals for uptake by <i>Salix viminalis</i> on a moderately contaminated dredged sediment disposal site. <i>Environmental Pollution</i> , <b>2005</b> , 137, 354-64	9.3	97
167	Short rotation coppice culture of willows and poplars as energy crops on metal contaminated agricultural soils. <i>International Journal of Phytoremediation</i> , <b>2011</b> , 13 Suppl 1, 194-207	3.9	95
166	Impact of organic amendments (biochar, compost and peat) on Cd and Zn mobility and solubility in contaminated soil of the Campine region after three years. <i>Science of the Total Environment</i> , <b>2018</b> , 626, 195-202	10.2	93
165	Growth and trace metal accumulation of two <i>Salix</i> clones on sediment-derived soils with increasing contamination levels. <i>Chemosphere</i> , <b>2005</b> , 58, 995-1002	8.4	90
164	Ecological and economic benefits of the application of bio-based mineral fertilizers in modern agriculture. <i>Biomass and Bioenergy</i> , <b>2013</b> , 49, 239-248	5.3	89
163	Effects of a municipal solid waste compost and mineral fertilization on plant growth in two tropical agricultural soils of Mali. <i>Bioresource Technology</i> , <b>2003</b> , 86, 15-20	11	87
162	Mercury baseline levels in Flemish soils (Belgium). <i>Environmental Pollution</i> , <b>2005</b> , 134, 173-9	9.3	85
161	Chemically assisted phytoextraction: a review of potential soil amendments for increasing plant uptake of heavy metals. <i>International Journal of Phytoremediation</i> , <b>2008</b> , 10, 390-414	3.9	84
160	Metal accumulation in intertidal litter through decomposing leaf blades, sheaths and stems of <i>Phragmites australis</i> . <i>Chemosphere</i> , <b>2006</b> , 63, 1815-23	8.4	84

159	Enhanced phytoextraction of uranium and selected heavy metals by Indian mustard and ryegrass using biodegradable soil amendments. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 1496-505	10.2	83
158	Sorption of Co, Cu, Ni and Zn from industrial effluents by the submerged aquatic macrophyte <i>Myriophyllum spicatum</i> L.. <i>Ecological Engineering</i> , <b>2007</b> , 30, 320-325	3.9	81
157	Chemical characteristics of Malian and Belgian solid waste composts. <i>Bioresource Technology</i> , <b>2002</b> , 81, 97-101	11	81
156	Arsenic, chromium, molybdenum, and selenium: Geochemical fractions and potential mobilization in riverine soil profiles originating from Germany and Egypt. <i>Chemosphere</i> , <b>2017</b> , 180, 553-563	8.4	78
155	Performance of selected destruction methods for the determination of heavy metals in reed plants ( <i>Phragmites australis</i> ). <i>Analytica Chimica Acta</i> , <b>2003</b> , 497, 191-198	6.6	76
154	Closing the nutrient cycle by using bio-digestion waste derivatives as synthetic fertilizer substitutes: A field experiment. <i>Biomass and Bioenergy</i> , <b>2013</b> , 55, 175-189	5.3	75
153	Soil solution Cd, Cu and Zn concentrations as affected by short-time drying or wetting: The role of hydrous oxides of Fe and Mn. <i>Geoderma</i> , <b>2006</b> , 137, 83-89	6.7	75
152	Fractionation of Cu, Pb and Zn in certified reference soils SRM 2710 and SRM 2711 using the optimized BCR sequential extraction procedure. <i>Journal of Environmental Management</i> , <b>2003</b> , 8, 37-50		74
151	Road-deposited sediments in an urban environment: A first look at sequentially extracted element loads in grain size fractions. <i>Journal of Hazardous Materials</i> , <b>2012</b> , 225-226, 54-62	12.8	73
150	Short-Rotation Coppice of Willow for Phytoremediation of a Metal-Contaminated Agricultural Area: A Sustainability Assessment. <i>Bioenergy Research</i> , <b>2009</b> , 2, 144-152	3.1	73
149	Degradability of ethylenediaminedisuccinic acid (EDDS) in metal contaminated soils: implications for its use soil remediation. <i>Chemosphere</i> , <b>2008</b> , 70, 358-63	8.4	72
148	Heavy metal contents (Cd, Cu, Zn) in spiders ( <i>Pirata piraticus</i> ) living in intertidal sediments of the river Scheldt estuary (Belgium) as affected by substrate characteristics. <i>Science of the Total Environment</i> , <b>2002</b> , 289, 71-81	10.2	70
147	Selenium content of Belgian cultivated soils and its uptake by field crops and vegetables. <i>Science of the Total Environment</i> , <b>2014</b> , 468-469, 77-82	10.2	69
146	Leaching behaviour of Cd, Cu, Pb and Zn in surface soils derived from dredged sediments. <i>Environmental Pollution</i> , <b>1999</b> , 106, 107-14	9.3	69
145	Tree species effect on the redistribution of soil metals. <i>Environmental Pollution</i> , <b>2007</b> , 149, 173-81	9.3	65
144	Seasonal changes of metals in willow ( <i>Salix</i> sp.) stands for phytoremediation on dredged sediment. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 1962-8	10.3	65
143	Factors affecting metal concentrations in the upper sediment layer of intertidal reedbeds along the river Scheldt. <i>Journal of Environmental Monitoring</i> , <b>2007</b> , 9, 449-55		63
142	Enhanced phytoextraction: II. Effect of EDTA and citric acid on heavy metal uptake by <i>Helianthus annuus</i> from a calcareous soil. <i>International Journal of Phytoremediation</i> , <b>2005</b> , 7, 143-52	3.9	63

141	Heavy metal mobility in intertidal sediments of the Scheldt estuary: Field monitoring. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 2919-30	10.2	62
140	Fate of heavy metals during fixed bed downdraft gasification of willow wood harvested from contaminated sites. <i>Biomass and Bioenergy</i> , <b>2006</b> , 30, 58-65	5.3	59
139	Redox chemistry of vanadium in soils and sediments: Interactions with colloidal materials, mobilization, speciation, and relevant environmental implications- A review. <i>Advances in Colloid and Interface Science</i> , <b>2019</b> , 265, 1-13	14.3	58
138	Phytoremediation, a sustainable remediation technology? II: Economic assessment of CO2 abatement through the use of phytoremediation crops for renewable energy production. <i>Biomass and Bioenergy</i> , <b>2012</b> , 39, 470-477	5.3	57
137	Selenium bioaccessibility in stomach, small intestine and colon: Comparison between pure Se compounds, Se-enriched food crops and food supplements. <i>Food Chemistry</i> , <b>2016</b> , 197, 382-7	8.5	56
136	Characterisation of Malian and Belgian solid waste composts with respect to fertility and suitability for land application. <i>Waste Management</i> , <b>2003</b> , 23, 517-22	8.6	56
135	Chemical stabilization of Cd-contaminated soil using biochar. <i>Applied Geochemistry</i> , <b>2018</b> , 88, 122-130	3.5	54
134	Cadmium and zinc uptake by volunteer willow species and elder rooting in polluted dredged sediment disposal sites. <i>Science of the Total Environment</i> , <b>2002</b> , 299, 191-205	10.2	53
133	Field evaluation of willow under short rotation coppice for phytomanagement of metal-polluted agricultural soils. <i>International Journal of Phytoremediation</i> , <b>2013</b> , 15, 677-89	3.9	50
132	Factors affecting metal concentrations in reed plants ( <i>Phragmites australis</i> ) of intertidal marshes in the Scheldt estuary. <i>Ecological Engineering</i> , <b>2009</b> , 35, 310-318	3.9	50
131	Heavy metal contents in surface soils along the Upper Scheldt river (Belgium) affected by historical upland disposal of dredged materials. <i>Science of the Total Environment</i> , <b>2002</b> , 290, 1-14	10.2	50
130	Phosphorus Use Efficiency of Bio-Based Fertilizers: Bioavailability and Fractionation. <i>Pedosphere</i> , <b>2016</b> , 26, 310-325	5	49
129	Application of a Full-scale Constructed Wetland for Tertiary Treatment of Piggery Manure: Monitoring Results. <i>Water, Air, and Soil Pollution</i> , <b>2008</b> , 193, 15-24	2.6	49
128	Accumulation of Metals in the Sediment and Reed Biomass of a Combined Constructed Wetland Treating Domestic Wastewater. <i>Water, Air, and Soil Pollution</i> , <b>2007</b> , 183, 253-264	2.6	48
127	Fertilizer performance of liquid fraction of digestate as synthetic nitrogen substitute in silage maize cultivation for three consecutive years. <i>Science of the Total Environment</i> , <b>2017</b> , 599-600, 1885-1894	10.2	47
126	Fertilizing soil with selenium fertilizers: impact on concentration, speciation, and bioaccessibility of selenium in leek ( <i>Allium ampeloprasum</i> ). <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 10930-5	5.7	47
125	Potential of thermal treatment for decontamination of mercury containing wastes from chlor-alkali industry. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 186, 114-8	12.8	47
124	Zn in the soil solution of unpolluted and polluted soils as affected by soil characteristics. <i>Geoderma</i> , <b>2006</b> , 136, 107-119	6.7	45

123	Trace Metal Leachability of Land-Disposed Dredged Sediments. <i>Journal of Environmental Quality</i> , <b>2000</b> , 29, 1124-1132	3.4	45
122	HPLC-ICP-MS method development to monitor arsenic speciation changes by human gut microbiota. <i>Biomedical Chromatography</i> , <b>2012</b> , 26, 524-33	1.7	44
121	Elevated Cd and Zn uptake by aspen limits the phytostabilization potential compared to five other tree species. <i>Ecological Engineering</i> , <b>2011</b> , 37, 1072-1080	3.9	44
120	Effects of sorption, sulphate reduction, and <i>Phragmites australis</i> on the removal of heavy metals in subsurface flow constructed wetland microcosms. <i>Water Science and Technology</i> , <b>2007</b> , 56, 193-8	2.2	44
119	Enhanced phytoextraction: I. Effect of EDTA and citric acid on heavy metal mobility in a calcareous soil. <i>International Journal of Phytoremediation</i> , <b>2005</b> , 7, 129-42	3.9	44
118	Metal accumulation in intertidal marshes: Role of sulphide precipitation. <i>Wetlands</i> , <b>2008</b> , 28, 735-746	1.7	43
117	Earthworm biomass as additional information for risk assessment of heavy metal biomagnification: a case study for dredged sediment-derived soils and polluted floodplain soils. <i>Environmental Pollution</i> , <b>2004</b> , 129, 363-75	9.3	43
116	Metal phase associations in soils from an urban watershed, Honolulu, Hawaii. <i>Science of the Total Environment</i> , <b>2000</b> , 256, 103-13	10.2	43
115	Field trials of phytomining and phytoremediation: A critical review of influencing factors and effects of additives. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2020</b> , 50, 2724-2774	11.1	42
114	Metal extraction from road-deposited sediments using nine partial decomposition procedures. <i>Applied Geochemistry</i> , <b>2004</b> , 19, 947-955	3.5	41
113	Heavy metal concentrations in consecutive saturation extracts of dredged sediment derived surface soils. <i>Environmental Pollution</i> , <b>1998</b> , 103, 109-115	9.3	40
112	Effect of Water Table Level on Metal Mobility at Different Depths in Wetland Soils of the Scheldt Estuary (Belgium). <i>Water, Air, and Soil Pollution</i> , <b>2009</b> , 202, 353-367	2.6	39
111	Cadmium stress in plants: A critical review of the effects, mechanisms, and tolerance strategies. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2020</b> , 1-52	11.1	38
110	Safe use of metal-contaminated agricultural land by cultivation of energy maize ( <i>Zea mays</i> ). <i>Environmental Pollution</i> , <b>2013</b> , 178, 375-80	9.3	38
109	Soil-solution speciation of Cd as affected by soil characteristics in unpolluted and polluted soils. <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 499-509	3.8	38
108	Effect of biochars pyrolyzed in N and CO, and feedstock on microbial community in metal(loid)s contaminated soils. <i>Environment International</i> , <b>2019</b> , 126, 791-801	12.9	36
107	Metal(loid) immobilization in soils with biochars pyrolyzed in N and CO environments. <i>Science of the Total Environment</i> , <b>2018</b> , 630, 1103-1114	10.2	35
106	Extraction of labile metals from solid media by dilute hydrochloric acid. <i>Environmental Monitoring and Assessment</i> , <b>2008</b> , 138, 119-30	3.1	35

105	Arsenic undergoes significant speciation changes upon incubation of contaminated rice with human colon micro biota. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 262, 1237-44	12.8	34
104	A comparative study of surface and subsurface flow constructed wetlands for treatment of combined sewer overflows: A greenhouse experiment. <i>Ecological Engineering</i> , <b>2009</b> , 35, 175-183	3.9	34
103	Single extractions versus sequential extraction for the estimation of heavy metal fractions in reduced and oxidised dredged sediments. <i>Chemical Speciation and Bioavailability</i> , <b>1999</b> , 11, 43-50		33
102	Economic viability of phytoremediation of a cadmium contaminated agricultural area using energy maize. Part I: effect on the farmer's income. <i>International Journal of Phytoremediation</i> , <b>2010</b> , 12, 650-62	3.9	32
101	Effect of biodegradable amendments on uranium solubility in contaminated soils. <i>Science of the Total Environment</i> , <b>2008</b> , 391, 26-33	10.2	32
100	Cd and Zn concentration in hybrid poplar foliage and leaf beetles grown on polluted sediment-derived soils. <i>Environmental Monitoring and Assessment</i> , <b>2003</b> , 89, 263-83	3.1	31
99	Temporal-spatial trends in heavy metal contents in sediment-derived soils along the Sea Scheldt river (Belgium). <i>Environmental Pollution</i> , <b>2003</b> , 122, 7-18	9.3	31
98	Utilization of derivatives from nutrient recovery processes as alternatives for fossil-based mineral fertilizers in commercial greenhouse production of <i>Lactuca sativa</i> L.. <i>Scientia Horticulturae</i> , <b>2016</b> , 198, 267-276	4.1	30
97	Assisted Phytoextraction: Helping Plants to Help Us. <i>Elements</i> , <b>2010</b> , 6, 383-388	3.8	30
96	Chemically enhanced phytoextraction of Pb by wheat in texturally different soils. <i>Chemosphere</i> , <b>2010</b> , 79, 652-8	8.4	30
95	Presence and mobility of arsenic in estuarine wetland soils of the Scheldt estuary (Belgium). <i>Journal of Environmental Monitoring</i> , <b>2009</b> , 11, 873-81		30
94	Development, implementation, and validation of a generic nutrient recovery model (NRM) library. <i>Environmental Modelling and Software</i> , <b>2018</b> , 99, 170-209	5.2	30
93	The effect of hydrological regime on the metal bioavailability for the wetland plant species <i>Salix cinerea</i> . <i>Environmental Pollution</i> , <b>2005</b> , 135, 303-12	9.3	29
92	A review of green remediation strategies for heavy metal contaminated soil. <i>Soil Use and Management</i> , <b>2021</b> , 37, 936	3.1	29
91	Westernized diets lower arsenic gastrointestinal bioaccessibility but increase microbial arsenic speciation changes in the colon. <i>Chemosphere</i> , <b>2015</b> , 119, 757-762	8.4	28
90	Water Extractability of Trace Metals from Soils: Some Pitfalls. <i>Water, Air, and Soil Pollution</i> , <b>2006</b> , 176, 21-35	2.6	28
89	Tertiary treatment of the liquid fraction of pig manure with <i>Phragmites australis</i> . <i>Water, Air, and Soil Pollution</i> , <b>2005</b> , 160, 15-26	2.6	27
88	Trace Elements: General Soil Chemistry, Principles and Processes <b>2010</b> , 9-37		26



87	Extensive grinding and pressurized extraction with water are key points for effective and species preserving extraction of arsenic from rice. <i>Analytical Methods</i> , <b>2012</b> , 4, 1237	3.2	25
86	Arsenic bioaccessibility upon gastrointestinal digestion is highly determined by its speciation and lipid-bile salt interactions. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2013</b> , 48, 656-65	2.3	25
85	Assessing Nutrient Use Efficiency and Environmental Pressure of Macronutrients in Biobased Mineral Fertilizers: A Review of Recent Advances and Best Practices at Field Scale. <i>Advances in Agronomy</i> , <b>2014</b> , 128, 137-180	7.7	24
84	Influence of flooding, salinity and inundation time on the bioavailability of metals in wetlands. <i>Science of the Total Environment</i> , <b>2007</b> , 380, 144-53	10.2	24
83	Potential use of the plant antioxidant network for environmental exposure assessment of heavy metals in soils. <i>Environmental Monitoring and Assessment</i> , <b>2006</b> , 120, 243-67	3.1	24
82	The role of the litter compartment in a constructed floating wetland. <i>Ecological Engineering</i> , <b>2012</b> , 39, 71-80	3.9	23
81	Foliar concentrations of volunteer willows growing on polluted sediment-derived sites versus sites with baseline contamination levels. <i>Journal of Environmental Monitoring</i> , <b>2004</b> , 6, 313-21		23
80	Influence of biochar on trace element uptake, toxicity and detoxification in plants and associated health risks: A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 1-41	11.1	23
79	Bioaccessibility of selenium from cooked rice as determined in a simulator of the human intestinal tract (SHIME). <i>Journal of the Science of Food and Agriculture</i> , <b>2017</b> , 97, 3540-3545	4.3	22
78	Mild hydrothermal conditioning prior to torrefaction and slow pyrolysis of low-value biomass. <i>Bioresource Technology</i> , <b>2016</b> , 217, 104-12	11	22
77	Reverse osmosis sampling does not affect the protective effect of dissolved organic matter on copper and zinc toxicity to freshwater organisms. <i>Chemosphere</i> , <b>2005</b> , 58, 653-8	8.4	22
76	The importance of biological factors affecting trace metal concentration as revealed from accumulation patterns in co-occurring terrestrial invertebrates. <i>Environmental Pollution</i> , <b>2004</b> , 127, 335-41	9.3	22
75	Metal and nutrient dynamics in decomposing tree litter on a metal contaminated site. <i>Environmental Pollution</i> , <b>2014</b> , 189, 54-62	9.3	21
74	Effect of decomposing litter on the mobility and availability of metals in the soil of a recently created floodplain. <i>Geoderma</i> , <b>2008</b> , 147, 34-46	6.7	21
73	Speciation, transportation, and pathways of cadmium in soil-rice systems: A review on the environmental implications and remediation approaches for food safety. <i>Environment International</i> , <b>2021</b> , 156, 106749	12.9	21
72	Differences in Cd and Zn bioaccumulation for the flood-tolerant <i>Salix cinerea</i> rooting in seasonally flooded contaminated sediments. <i>Science of the Total Environment</i> , <b>2005</b> , 341, 251-63	10.2	20
71	Opportunities for domesticating the African baobab ( <i>Adansonia digitata</i> L.): multi-trait fruit selection. <i>Agroforestry Systems</i> , <b>2013</b> , 87, 493-505	2	19
70	Forest floor leachate fluxes under six different tree species on a metal contaminated site. <i>Science of the Total Environment</i> , <b>2013</b> , 447, 99-107	10.2	19



69	Physico-Chemical P Removal from the Liquid Fraction of Pig Manure as an Intermediary Step in Manure Processing. <i>Water, Air, and Soil Pollution</i> , <b>2006</b> , 169, 317-330	2.6	19
68	Field trial experiment: Phytoremediation with <i>Salix</i> sp. on a dredged sediment disposal site in Flanders, Belgium. <i>Remediation</i> , <b>2003</b> , 13, 87-97	1.8	19
67	Effects of selenium on the uptake of toxic trace elements by crop plants: A review. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2020</b> , 1-36	11.1	19
66	Organ- and species-specific accumulation of metals in two land snail species (Gastropoda, Pulmonata). <i>Science of the Total Environment</i> , <b>2013</b> , 449, 470-81	10.2	18
65	Storage mediums affect metal concentration in woodlice (Isopoda). <i>Environmental Pollution</i> , <b>2003</b> , 121, 87-93	9.3	18
64	Metal extraction from road sediment using different strength reagents: impact on anthropogenic contaminant signals. <i>Environmental Monitoring and Assessment</i> , <b>2001</b> , 71, 221-42	3.1	18
63	Nutrient recovery from digested waste: Towards a generic roadmap for setting up an optimal treatment train. <i>Waste Management</i> , <b>2018</b> , 78, 385-392	8.6	18
62	An investigation on the modelling of kinetics of thermal decomposition of hazardous mercury wastes. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 260, 358-67	12.8	17
61	Integrated Constructed Wetlands (ICW): Ecological Development in Constructed Wetlands for Manure Treatment. <i>Wetlands</i> , <b>2011</b> , 31, 763-771	1.7	17
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