Jan Kucharski

List of Publications by Year
in descending order

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72	1,167	430874	477307
papers	citations	18	29
		h-index	g-index

72	72	72	868
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microbial and enzymatic activity of soil contaminated with azoxystrobin. Environmental Monitoring and Assessment, 2015, 187, 615.	2.7	59
2	Microbial and enzymatic activity of soil contaminated with a mixture of diflufenican + mesosulfuron-methyl + iodosulfuron-methyl-sodium. Environmental Science and Pollution Research, 2015, 22, 643-656.	5.3	57
3	Response of microorganisms and enzymes to soil contamination with a mixture of terbuthylazine, mesotrione, and S-metolachlor. Environmental Science and Pollution Research, 2017, 24, 1910-1925.	5.3	54
4	The influence of chlorothalonil on the activity of soil microorganisms and enzymes. Ecotoxicology, 2018, 27, 1188-1202.	2.4	49
5	Biological activity of soil contaminated with cobalt, tin, and molybdenum. Environmental Monitoring and Assessment, 2016, 188, 398.	2.7	44
6	Enzyme activity and microorganisms diversity in soil contaminated with the Boreal 58ÂWG herbicide. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2016, 51, 446-454.	1.5	43
7	Effect of cadmium, copper and zinc on plants, soil microorganisms and soil enzymes. Journal of Elementology, 2014, , .	0.2	43
8	The effect of the Falcon 460 EC fungicide on soil microbial communities, enzyme activities and plant growth. Ecotoxicology, 2016, 25, 1575-1587.	2.4	39
9	Responses of microorganisms and enzymes to soil contamination with metazachlor. Environmental Earth Sciences, 2014, 72, 2251-2262.	2.7	36
10	Diversity of organotrophic bacteria, activity of dehydrogenases and urease as well as seed germination and root growth Lepidium sativum, Sorghum saccharatum and Sinapis alba under the influence of polycyclic aromatic hydrocarbons. Environmental Science and Pollution Research, 2015, 22, 18519-18530.	5.3	34
11	Implications of Soil Pollution with Diesel Oil and BP Petroleum with ACTIVE Technology for Soil Health. International Journal of Environmental Research and Public Health, 2019, 16, 2474.	2.6	33
12	The Effect of Polycyclic Aromatic Hydrocarbons on the Structure of Organotrophic Bacteria and Dehydrogenase Activity in Soil. Polycyclic Aromatic Compounds, 2014, 34, 35-53.	2.6	32
13	Use of zeolite to neutralise nickel in a soil environment. Environmental Monitoring and Assessment, 2018, 190, 54.	2.7	31
14	Response of soil microorganisms and enzymes to the foliar application of Helicur 250â€EW fungicide on Horderum vulgare L.. Chemosphere, 2020, 242, 125163.	8.2	24
15	Activity of Arylsulphatase in Soil Contaminated with Polycyclic Aromatic Hydrocarbons. Water, Air, and Soil Pollution, 2014, 225, 2097.	2.4	23
16	Phytoremediation of soil contaminated with nickel, cadmium and cobalt. International Journal of Phytoremediation, 2021, 23, 252-262.	3.1	22
17	Bioaugmentation of Soil Contaminated with Azoxystrobin. Water, Air, and Soil Pollution, 2017, 228, 19.	2.4	20
18	Soil Bacterial Community and Soil Enzyme Activity Depending on the Cultivation of Triticum aestivum, Brassica napus, and Pisum sativum ssp. arvense. Diversity, 2019, 11, 246.	1.7	20

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19	Bisphenol Aâ€"A Dangerous Pollutant Distorting the Biological Properties of Soil. International Journal of Molecular Sciences, 2021, 22, 12753.	4.1	20
20	Application of white mustard and oats in the phytostabilisation of soil contaminated with cadmium with the addition of cellulose and urea. Journal of Soils and Sediments, 2020, 20, 931-942.	3.0	18
21	Implication of zinc excess on soil health. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2016, 51, 261-270.	1.5	17
22	Applicability of biochemical indices to quality assessment of soil polluted with heavy metals. Journal of Elementology, 2014, , .	0.2	17
23	The effect of carfentrazone-ethyl on soil microorganisms and soil enzymes activity / WpÅ‚yw karfentrazonu etylu na mikroorganizmy i aktywnoÅ›Ä‡ enzymÃ³w glebowych. Archives of Environmental Protection, 2015, 41, 3-10.	1.1	15
24	Response of microorganisms and enzymes to soil contamination with a mixture of pethoxamid terbuthylazine. Environmental Earth Sciences, 2016, 75, 1.	2.7	14
25	Role of Festuca rubra and Festuca arundinacea in determinig the functional and genetic diversity of microorganisms and of the enzymatic activity in the soil polluted with diesel oil. Environmental Science and Pollution Research, 2019, 26, 27738-27751.	5.3	14
26	Biostimulation as a process aiding tebuconazole degradation in soil. Journal of Soils and Sediments, 2019, 19, 3728-3741.	3.0	14
27	Bacterial diversity and enzymatic activity in a soil recently treated with tebuconazole. Ecological Indicators, 2021, 123, 107373.	6.3	14
28	Effect of a mixture of flufenacet and isoxaflutole on population numbers of soil-dwelling microorganisms, enzymatic activity of soil, and maize yield. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2019, 54, 832-842.	1.5	13
29	Activity of Phosphatases in Soil Contaminated with PAHs. Water, Air, and Soil Pollution, 2019, 230, 1.	2.4	13
30	The Role of Dactylis Glomerata and Diesel Oil in the Formation of Microbiome and Soil Enzyme Activity. Sensors, 2020, 20, 3362.	3.8	13
31	Microbiological and Biochemical Activity in Soil Contaminated with Pyrene Subjected to Bioaugmentation. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	13
32	Energetic Value of Elymus elongatus L. and Zea mays L. Grown on Soil Polluted with Ni2+, Co2+, Cd2+, and Sensitivity of Rhizospheric Bacteria to Heavy Metals. Energies, 2021, 14, 4903.	3.1	13
33	Reaction of soil enzymes and spring barley to copper chloride and copper sulphate. Environmental Earth Sciences, 2017, 76, 1.	2.7	12
34	Biochemical and microbiological activity of soil contaminated with o-cresol and biostimulated with Perna canaliculus mussel meal. Environmental Monitoring and Assessment, 2018, 190, 602.	2.7	12
35	The resistance of Lolium perenne L. Ã— hybridum, Poa pratensis, Festuca rubra, F. arundinacea, Phleum pratense and Dactylis glomerata to soil pollution by diesel oil and petroleum. Plant, Soil and Environment, 2019, 65, 307-312.	2.2	12
36	Soil enzyme response to bisphenol F contamination in the soil bioaugmented using bacterial and mould fungal consortium. Environmental Monitoring and Assessment, 2020, 192, 20.	2.7	12

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37	Sensitivity of soil enzymes to excessive zinc concentrations. Journal of Elementology, 2014, , .	0.2	12
38	Effect of Separate and Combined Toxicity of Bisphenol A and Zinc on the Soil Microbiome. International Journal of Molecular Sciences, 2022, 23, 5937.	4.1	12
39	Changes in the enzymatic activity in sandy loam soil exposed. Journal of Elementology, 2011, , .	0.2	11
40	Changes in the microbiological and biochemical properties of soil contaminated with zinc. Journal of Elementology, 2017, , .	0.2	11
41	Brown Algae and Basalt Meal in Maintaining the Activity of Arylsulfatase of Soil Polluted with Cadmium. Water, Air, and Soil Pollution, 2017, 228, 267.	2.4	10
42	The biochemical activity of soil contaminated with fungicides. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2019, 54, 252-262.	1.5	10
43	Microbiological and biochemical properties of soil polluted with a mixture of spiroxamine, tebuconazole, and triadimenol under the cultivation of Triticum aestivum L.. Environmental Monitoring and Assessment, 2019, 191, 416.	2.7	10
44	Impact of Various Grass Species on Soil Bacteriobiome. Diversity, 2020, 12, 212.	1.7	10
45	Microbiological Study in Petrol-Spiked Soil. Molecules, 2021, 26, 2664.	3.8	10
46	The Response of the Soil Microbiome to Contamination with Cadmium, Cobalt and Nickel in Soil Sown with Brassica napus. Minerals (Basel, Switzerland), 2021, 11, 498.	2.0	10
47	Activity of Î²-glucosidase, arylsulfatase and phosphatases in soil contaminated with copper. Journal of Elementology, 2012, , .	0.2	10
48	The sensitivity of soil enzymes, microorganisms and spring wheat to soil contamination with carfentrazone-ethyl. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2018, 53, 97-107.	1.5	9
49	Biochemical activity of soil contaminated with BPS, bioaugmented with a mould fungi consortium and a bacteria consortium. Environmental Science and Pollution Research, 2019, 26, 37054-37069.	5.3	9
50	Resistance of Arylsulfatase to Contamination of Soil by Heavy Metals. Polish Journal of Environmental Studies, 2016, 25, 365-375.	1.2	9
51	Use of a Zeolite and Molecular Sieve to Restore Homeostasis of Soil Contaminated with Cobalt. Minerals (Basel, Switzerland), 2020, 10, 53.	2.0	9
52	The effect of soil contamination with diesel oil and petrol on the nitrification process. Journal of Elementology, 2012, , .	0.2	9
53	Calorific Value of Festuca rubra Biomass in the Phytostabilization of Soil Contaminated with Nickel, Cobalt and Cadmium Which Disrupt the Microbiological and Biochemical Properties of Soil. Energies, 2022, 15, 3445.	3.1	9
54	Maintenance of Soil Homeostasis under Exposure to Cadmium. Communications in Soil Science and Plant Analysis, 2015, 46, 2051-2069.	1.4	7

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55	Bacteria and Soil Enzymes Supporting the Valorization of Forested Soils. Materials, 2022, 15, 3287.	2.9	7
56	Biostimulation of the activity of microorganisms and soil enzymes through fertilisation with composts. Soil Research, 2018, 56, 737.	1.1	6
57	Role of Chlorella sp. and rhamnolipid 90 in maintaining homeostasis in soil contaminated with bisphenol A. Journal of Soils and Sediments, 2021, 21, 27-41.	3.0	6
58	Pressure exerted by zinc on the nitrification process. Journal of Elementology, 2014, , .	0.2	6
59	The Role of Grass Compost and Zea Mays in Alleviating Toxic Effects of Tetracycline on the Soil Bacteria Community. International Journal of Environmental Research and Public Health, 2022, 19, 7357.	2.6	6
60	Possibilities of restoring homeostasis of soil exposed to terbuthylazine by its supplementation with HumiAgra preparation. Applied Soil Ecology, 2022, 178, 104582.	4.3	6
61	Response of microorganisms and enzymes to soil contamination with the herbicide Successor T 550. Environmental Protection Engineering, 2014, 40, .	0.1	5
62	Remediation of soil contaminated with cadmium. Journal of Elementology, 2015, , .	0.2	5
63	Response Of Actinomycetes, Phosphatases And Urease To Soil Contamination With Herbicides. Ecological Chemistry and Engineering S, 2015, 22, 255-267.	1.5	4
64	Effect of Bentonite and Barley Straw on the Restoration of the Biological Quality of Agriculture Soil Contaminated with the Herbicide Successor T 550 SE. Agriculture (Switzerland), 2021, 11, 27.	3.1	4
65	Role of forest site type in determining bacterial and biochemical properties of soil. Ecological Indicators, 2022, 135, 108557.	6.3	4
66	The possibilities of restoring the enzymatic balance of soil contaminated with cadmium. International Journal of Environment and Pollution, 2015, 58, 197.	0.2	2
67	Microbiological and Biochemical Properties in Eutric/Dystric Brunic Arenosols, Eutric/Endocalcaric Cambisols, and Haplic/Albic Luvisols Soils. Journal of Soil Science and Plant Nutrition, 2021, 21, 1277-1292.	3.4	2
68	Changes in microbiological properties of soil during fungicide degradation. Soil Science Annual, 2018, 69, 169-176.	0.8	2
69	Role of Actinomyces of the Genus <i>Streptomyces</i> in Alleviating the Effects of Soil Contamination with Diesel Oil. Polish Journal of Natural Sciences, 2008, 23, 709-717.	0.7	2
70	Resistance of dehydrogenases, catalase, urease and plants to soil contamination with zinc. Journal of Elementology, 2014, , .	0.2	2
71	RESPONSE MICROORGANISMS TO SOIL CONTAMINATION WITH HEAVY METALS. Journal of Central European Agriculture, 2014, 15, 302-314.	0.6	1
72	Perna canaliculus as an Ecological Material in the Removal of o-Cresol Pollutants from Soil. Materials, 2021, 14, 6685.	2.9	1