

Ridvan Kizilkaya

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,376
citations

393982

19
h-index

360668

35
g-index

64
all docs

64
docs citations

64
times ranked

1254
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbiological characteristics of soils contaminated with heavy metals. <i>European Journal of Soil Biology</i> , 2004, 40, 95-102.	1.4	179
2	Effects of N-enriched sewage sludge on soil enzyme activities. <i>Applied Soil Ecology</i> , 2005, 30, 192-202.	2.1	144
3	Cu and Zn accumulation in earthworm <i>Lumbricus terrestris</i> L. in sewage sludge amended soil and fractions of Cu and Zn in casts and surrounding soil. <i>Ecological Engineering</i> , 2004, 22, 141-151.	1.6	92
4	Effects of Heavy Metals on Soil Enzyme Activities. <i>Soil Biology</i> , 2010, , 237-262.	0.6	78
5	Yield response and nitrogen concentrations of spring wheat (<i>Triticum aestivum</i>) inoculated with <i>Azotobacter chroococcum</i> strains. <i>Ecological Engineering</i> , 2008, 33, 150-156.	1.6	73
6	Soil Enzymes as Indication of Soil Quality. <i>Soil Biology</i> , 2010, , 119-148.	0.6	56
7	Dehydrogenase activity in <i>Lumbricus terrestris</i> casts and surrounding soil affected by addition of different organic wastes and Zn. <i>Bioresource Technology</i> , 2008, 99, 946-953.	4.8	53
8	Assessing spatial variability of soil enzyme activities in pasture topsoils using geostatistics. <i>European Journal of Soil Biology</i> , 2006, 42, 230-237.	1.4	49
9	Effect of biosolid amendment on enzyme activities in earthworm (<i>Lumbricus terrestris</i>) casts. <i>Journal of Plant Nutrition and Soil Science</i> , 2004, 167, 202-208.	1.1	39
10	The role of different organic wastes on zinc bioaccumulation by earthworm <i>Lumbricus terrestris</i> L. (<i>Oligochaeta</i>) in successive Zn added soil. <i>Ecological Engineering</i> , 2005, 25, 322-331.	1.6	39
11	Nitrogen fixation capacity of <i>Azotobacter</i> spp. strains isolated from soils in different ecosystems and relationship between them and the microbiological properties of soils. <i>Journal of Environmental Biology</i> , 2009, 30, 73-82.	0.2	38
12	Environmental and human health risk assessment of potentially toxic elements in soils around the largest coal-fired power station in Southern Russia. <i>Environmental Geochemistry and Health</i> , 2021, 43, 2285-2300.	1.8	33
13	Microbiological Properties in Earthworm Cast and Surrounding Soil Amended with Various Organic Wastes. <i>Communications in Soil Science and Plant Analysis</i> , 2007, 38, 2861-2876.	0.6	29
14	Benzo[a]pyrene degradation and bioaccumulation in soil-plant system under artificial contamination. <i>Science of the Total Environment</i> , 2018, 633, 1386-1391.	3.9	28
15	Changes in Soil Quality by Compost and Hazelnut Husk Applications in a Hazelnut Orchard. <i>Compost Science and Utilization</i> , 2015, 23, 135-141.	1.2	26
16	New alternative method of benzo[a]pyrene extraction from soils and its approbation in soil under technogenic pressure. <i>Journal of Soils and Sediments</i> , 2016, 16, 1323-1329.	1.5	26
17	Vermicompost effects on wheat yield and nutrient contents in soil and plant. <i>Archives of Agronomy and Soil Science</i> , 2012, 58, S175-S179.	1.3	23
18	Monitoring of benzo[a]pyrene content in soils under the effect of long-term technogenic pollution. <i>Journal of Geochemical Exploration</i> , 2017, 174, 100-106.	1.5	23

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19	New method for benzo[a]pyrene analysis in plant material using subcritical water extraction. Journal of Geochemical Exploration, 2014, 144, 267-272.	1.5	22
20	Vermicomposting of Anaerobically Digested Sewage Sludge with Hazelnut Husk and Cow Manure by Earthworm <i>Eisenia foetida</i> . Compost Science and Utilization, 2014, 22, 68-82.	1.2	20
21	Earthworm Interactions with Soil Enzymes. Soil Biology, 2011, , 141-158.	0.6	16
22	PAHs accumulation in soil-plant system of <i>Phragmites australis</i> Cav. in soil under long-term chemical contamination. Eurasian Journal of Soil Science, 2020, 9, 242-253.	0.2	16
23	Relationship Between Phosphatase Activity and Phosphorus Fractions in Agricultural Soils. International Journal of Soil Science, 2007, 2, 107-118.	0.7	16
24	The effect of NPK foliar fertilization on yield and macronutrient content of grain in wheat under Kostanaï-Kazakhstan conditions. Eurasian Journal of Soil Science, 2019, 8, 275-281.	0.2	15
25	Realizing United Nations Sustainable Development Goals for Greener Remediation of Heavy Metals-Contaminated Soils by Biochar: Emerging Trends and Future Directions. Sustainability, 2021, 13, 13825.	1.6	15
26	Spatial Variability and Monitoring of Pb Contamination of Farming Soils Affected by Industry. Environmental Monitoring and Assessment, 2006, 117, 357-375.	1.3	13
27	Changes of soil hydraulic properties during the decomposition of organic waste in a coarse textured soil. Journal of Geochemical Exploration, 2017, 174, 66-69.	1.5	13
28	Heavy Metal Contents of St. John's wort (<i>Hypericum perforatum</i> L.) Growing in Northern Turkey. Journal of Plant Sciences, 2006, 1, 182-186.	0.2	12
29	A review on nanobioremediation approaches for restoration of contaminated soil. Eurasian Journal of Soil Science, 2022, 11, 43-60.	0.2	12
30	Role of Plant Growth Promoting Bacteria and Fungi in Heavy Metal Detoxification. Soil Biology, 2011, , 369-388.	0.6	11
31	Chemical contamination in upper horizon of Haplic Chernozem as a transformation factor of its physicochemical properties. Journal of Soils and Sediments, 2018, 18, 2418-2430.	1.5	11
32	Effects of Earthworms on the Availability and Removal of Heavy Metals in Soil. Soil Biology, 2010, , 369-388.	0.6	11
33	Sustainability of agricultural and wild cereals to aerotechnogenic exposure. Environmental Geochemistry and Health, 2021, 43, 1427-1439.	1.8	10
34	Approbation of express-method for benzo[a]pyrene extraction from soils in the technogenic emission zone territories. Eurasian Journal of Soil Science, 2015, 4, 15.	0.2	10
35	Features of accumulation, migration, and transformation of benzo[a]pyrene in soil-plant system in a model condition of soil contamination. Journal of Soils and Sediments, 2018, 18, 2361-2367.	1.5	9
36	Influence of cadmium fractions on microbiological properties in bafra plain soils. Archives of Agronomy and Soil Science, 2002, 48, 263-272.	1.3	8

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37	Isolation and Identification of Bacterial Strains from Decomposing Hazelnut Husk. <i>Compost Science and Utilization</i> , 2015, 23, 174-184.	1.2	8
38	Variables of Microbial Response in Natural Soil Aggregates for Soil Characterization in Different Fluvial Land Shapes. <i>Geomicrobiology Journal</i> , 2013, 30, 100-107.	1.0	7
39	Assessing the impact of azadirachtin application to soil on urease activity and its kinetic parameters. <i>Türk Tarım Ve Ormancılık Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2015, 39, 976-983.	0.8	7
40	Changes in biological soil quality indicators under saline soil condition after amelioration with alfalfa (<i>Medicago sativa</i> L.) cultivation in meadow Solonchak. <i>Eurasian Journal of Soil Science</i> , 2019, 8, 189-195.	0.2	7
41	Effects of Azadirachtin on Beet Soilborne Pomovirus and Soil Biological Properties on Sugar Beet. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2005, 40, 285-296.	0.7	6
42	Influence of carbon-containing and mineral sorbents on the toxicity of soil contaminated with benzo[a]pyrene during phytotesting. <i>Environmental Geochemistry and Health</i> , 2022, 44, 179-193.	1.8	6
43	Heavy metal compounds in a soil of technogenic zone as indicate of its ecological state. <i>Eurasian Journal of Soil Science</i> , 2014, 3, 144.	0.2	6
44	Vermicomposting of anaerobically digested sewage sludge with hazelnut husk and cow manure by earthworm <i>Eisenia foetida</i> . <i>Eurasian Journal of Soil Science</i> , 2021, 10, 38-50.	0.2	5
45	Benzo[a]pyrene contamination in Rostov Region of Russian Federation: A 10-year retrospective of soil monitoring under the effect of long-term technogenic pollution. <i>Eurasian Journal of Soil Science</i> , 2016, 5, 155.	0.2	5
46	Accumulating capacity of herbaceous plants of the Asteraceae and Poaceae families under technogenic soil pollution with zinc and cadmium. <i>Eurasian Journal of Soil Science</i> , 2020, 9, 165-172.	0.2	5
47	Solubility of Benzo[a]pyrene and Organic Matter of Soil in Subcritical Water. <i>Croatica Chemica Acta</i> , 2015, 88, 247-253.	0.1	5
48	Assessment of extraction methods for studying the fractional composition of Cu and Zn in uncontaminated and contaminated soils. <i>Eurasian Journal of Soil Science</i> , 2020, 9, 231-241.	0.2	5
49	Impact of NPK fertilization on hazelnut yield and soil chemical-microbiological properties of Hazelnut Orchards in Western Georgia. <i>Eurasian Journal of Soil Science</i> , 2022, 11, 206-215.	0.2	5
50	Evaluation of suppression of rhizomania disease by earthworm (<i>Lumbricus terrestris</i> L.) and its effects on soil microbial activity in different sugar beet cultivars. <i>Archives of Agronomy and Soil Science</i> , 2014, 60, 1565-1575.	1.3	4
51	Effect of soil properties formed on various periglacial shapes in Ilgaz Mountain on dehydrogenase enzyme activity. <i>Toprak Bilimi Ve Bitki Besleme Dergisi</i> , 2019, 7, 121-127.	0.4	4
52	The Effect of Tomato Waste Compost on Yield of Tomato and Some Biological Properties of Soil. <i>Agronomy</i> , 2022, 12, 1253.	1.3	4
53	Content of heavy metals in Haplic Chernozem under conditions of agrogenesis. <i>E3S Web of Conferences</i> , 2020, 169, 01024.	0.2	3
54	The financial feasibility of hazelnut husk and sewage sludge based vermicompost production. <i>Eurasian Journal of Soil Science</i> , 2015, 4, 259.	0.2	2

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55	Farklı sulama miktarlarında yetiştirilen buğday bitkisinin su kullanma randımanı ile verimlilik parametreleri arasındaki ilişkiler. Toprak Bilimi Ve Bitki Besleme Dergisi, 1900, 8, 46-52.	0.4	2
56	Analysis of Benzo[a]Pyrene Contamination from an Long-Term Contaminated Soil. American Journal of Biochemistry and Biotechnology, 2016, 12, 1-11.	0.1	1
57	Reduced plant uptake of PAHs from soil amended with sunflower husk biochar. Eurasian Journal of Soil Science, 2021, 10, 269-277.	0.2	1
58	The effects of various organic wastes applied into eroded soil on dehydrogenase enzyme activity. , 2009, , .		1
59	Canopy temperature for peach tree at various soil water contents. Eurasian Journal of Soil Science, 2014, 3, 56.	0.2	1
60	Investigation of a novel soil analysis method in agricultural areas of Ağaçyamba plain for fertilizer recommendation. Eurasian Journal of Soil Science, 2014, 3, 123.	0.2	1
61	Çay fabrikasyon atının windrow yöntemiyle kompostlanması. Toprak Bilimi Ve Bitki Besleme Dergisi, 2021, 9, 62-68.	0.4	1
62	The effects of two Fe-EDDHA chelated fertilizers on dry matter production and Fe uptake of tomato seedlings and Fe forms of a calcareous soil. Eurasian Journal of Soil Science, 2022, 11, 259-265.	0.2	1