

Ridvan Kizilkaya

List of Publications by Year in descending order

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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	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
2	A review on nanobioremediation approaches for restoration of contaminated soil. <i>Eurasian Journal of Soil Science</i> , 2022, 11, 43-60.	0.2	12
3	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
4	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
5	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. <i>Eurasian Journal of Soil Science</i> , 2022, 11, 259-265.	0.2	1
6	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
7	Sustainability of agricultural and wild cereals to aerotechnogenic exposure. <i>Environmental Geochemistry and Health</i> , 2021, 43, 1427-1439.	1.8	10
8	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
9	Reduced plant uptake of PAHs from soil amended with sunflower husk biochar. <i>Eurasian Journal of Soil Science</i> , 2021, 10, 269-277.	0.2	1
10	Realizing United Nations Sustainable Development Goals for Greener Remediation of Heavy Metals-Contaminated Soils by Biochar: Emerging Trends and Future Directions. <i>Sustainability</i> , 2021, 13, 13825.	1.6	15
11	Äřay fabrikasyon atÄ±ÄŸÄ±nÄ±n windrow yÄŸntemine gÄŸre kompostlanmasÄ±. <i>Toprak Bilimi Ve Bitki Besleme Dergisi</i> , 2021, 9, 62-68.	0.4	1
12	Content of heavy metals in Haplic Chernozem under conditions of agrogenesis. <i>E3S Web of Conferences</i> , 2020, 169, 01024.	0.2	3
13	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
14	PAHs accumulation in soil-plant system of <i>Phragmites australis</i> Cav. in soil under long-term chemical contamination. <i>Eurasian Journal of Soil Science</i> , 2020, 9, 242-253.	0.2	16
15	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
16	The effect of NPK foliar fertilization on yield and macronutrient content of grain in wheat under Kostanai-Kazakhstan conditions. <i>Eurasian Journal of Soil Science</i> , 2019, 8, 275-281.	0.2	15
17	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
18	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

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19	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
20	Chemical contamination in upper horizon of Haplic Chernozem as a transformation factor of its physicochemical properties. <i>Journal of Soils and Sediments</i> , 2018, 18, 2418-2430.	1.5	11
21	Features of accumulation, migration, and transformation of benzo[a]pyrene in soil-plant system in a model condition of soil contamination. <i>Journal of Soils and Sediments</i> , 2018, 18, 2361-2367.	1.5	9
22	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
23	Changes of soil hydraulic properties during the decomposition of organic waste in a coarse textured soil. <i>Journal of Geochemical Exploration</i> , 2017, 174, 66-69.	1.5	13
24	Analysis of Benzo[a]Pyrene Contamination from an Long-Term Contaminated Soil. <i>American Journal of Biochemistry and Biotechnology</i> , 2016, 12, 1-11.	0.1	1
25	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
26	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
27	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
28	Isolation and Identification of Bacterial Strains from Decomposing Hazelnut Husk. <i>Compost Science and Utilization</i> , 2015, 23, 174-184.	1.2	8
29	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
30	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
31	Approbation of express-method for benzo[a]pyrene extraction from soils in the technogenic emission zone territories. <i>Eurasian Journal of Soil Science</i> , 2015, 4, 15.	0.2	10
32	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
33	Vermicomposting of Anaerobically Digested Sewage Sludge with Hazelnut Husk and Cow Manure by Earthworm <i>Eisenia foetida</i> . <i>Compost Science and Utilization</i> , 2014, 22, 68-82.	1.2	20
34	New method for benzo[a]pyrene analysis in plant material using subcritical water extraction. <i>Journal of Geochemical Exploration</i> , 2014, 144, 267-272.	1.5	22
35	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
36	Canopy temperature for peach tree at various soil water contents. <i>Eurasian Journal of Soil Science</i> , 2014, 3, 56.	0.2	1

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37	Heavy metal compounds in a soil of technogenic zone as indicate of its ecological state. Eurasian Journal of Soil Science, 2014, 3, 144.	0.2	6
38	Investigation of a novel soil analysis method in agricultural areas of ȦarȦyamba plain for fertilizer recommendation. Eurasian Journal of Soil Science, 2014, 3, 123.	0.2	1
39	Variables of Microbial Response in Natural Soil Aggregates for Soil Characterization in Different Fluvial Land Shapes. Geomicrobiology Journal, 2013, 30, 100-107.	1.0	7
40	Vermicompost effects on wheat yield and nutrient contents in soil and plant. Archives of Agronomy and Soil Science, 2012, 58, S175-S179.	1.3	23
41	Role of Plant Growth Promoting Bacteria and Fungi in Heavy Metal Detoxification. Soil Biology, 2011, , 369-388.	0.6	11
42	Earthworm Interactions with Soil Enzymes. Soil Biology, 2011, , 141-158.	0.6	16
43	Soil Enzymes as Indication of Soil Quality. Soil Biology, 2010, , 119-148.	0.6	56
44	Effects of Heavy Metals on Soil Enzyme Activities. Soil Biology, 2010, , 237-262.	0.6	78
45	Effects of Earthworms on the Availability and Removal of Heavy Metals in Soil. Soil Biology, 2010, , 369-388.	0.6	11
46	The effects of various organic wastes applied into eroded soil on dehydrogenase enzyme activity. , 2009, , .		1
47	Nitrogen fixation capacity of Azotobacter spp. strains isolated from soils in different ecosystems and relationship between them and the microbiological properties of soils. Journal of Environmental Biology, 2009, 30, 73-82.	0.2	38
48	Yield response and nitrogen concentrations of spring wheat (Triticum aestivum) inoculated with Azotobacter chroococcum strains. Ecological Engineering, 2008, 33, 150-156.	1.6	73
49	Dehydrogenase activity in Lumbricus terrestris casts and surrounding soil affected by addition of different organic wastes and Zn. Bioresource Technology, 2008, 99, 946-953.	4.8	53
50	Microbiological Properties in Earthworm Cast and Surrounding Soil Amended with Various Organic Wastes. Communications in Soil Science and Plant Analysis, 2007, 38, 2861-2876.	0.6	29
51	Relationship Between Phosphatase Activity and Phosphorus Fractions in Agricultural Soils. International Journal of Soil Science, 2007, 2, 107-118.	0.7	16
52	Assessing spatial variability ofȦsoil enzyme activities inȦpasture topsoils usingȦgeostatistics. European Journal of Soil Biology, 2006, 42, 230-237.	1.4	49
53	Spatial Variability and Monitoring of Pb Contamination of Farming Soils Affected by Industry. Environmental Monitoring and Assessment, 2006, 117, 357-375.	1.3	13
54	Heavy Metal Contents of St. JohnȦ™s wort (Hypericum perforatum L.) Growing in Northern Turkey. Journal of Plant Sciences, 2006, 1, 182-186.	0.2	12

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55	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
56	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
57	Effects of N-enriched sewage sludge on soil enzyme activities. <i>Applied Soil Ecology</i> , 2005, 30, 192-202.	2.1	144
58	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
59	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
60	Microbiological characteristics of soils contaminated with heavy metals. <i>European Journal of Soil Biology</i> , 2004, 40, 95-102.	1.4	179
61	Influence of cadmium fractions on microbiological properties in bafra plain soils. <i>Archives of Agronomy and Soil Science</i> , 2002, 48, 263-272.	1.3	8
62	Farklı sulama miktarlarında yetiştirilen buğday bitkisinin su kullanma randımanı ile verimlilik parametreleri arasındaki ilişkiler. <i>Toprak Bilimi Ve Bitki Besleme Dergisi</i> , 1900, 8, 46-52.	0.4	2