

Vera Terekhova

List of Publications by Year in descending order

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58
papers

664
citations

623188

14
h-index

642321

23
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66
all docs

66
docs citations

66
times ranked

572
citing authors

#	ARTICLE	IF	CITATIONS
1	Outlining the Potential Role of Humic Products in Modifying Biological Properties of the Soil – A Review. <i>Frontiers in Environmental Science</i> , 2019, 7, .	1.5	50
2	Soil bioassay: Problems and approaches. <i>Eurasian Soil Science</i> , 2011, 44, 173-179.	0.5	45
3	Biochar, wood ash and humic substances mitigating trace elements stress in contaminated sandy loam soil: Evidence from an integrative approach. <i>Chemosphere</i> , 2018, 203, 228-238.	4.2	42
4	Humic preparations and the assessment of their biological activity for certification purposes. <i>Eurasian Soil Science</i> , 2011, 44, 1222-1230.	0.5	38
5	The improvement of multi-contaminated sandy loam soil chemical and biological properties by the biochar, wood ash, and humic substances amendments. <i>Environmental Pollution</i> , 2017, 229, 516-524.	3.7	35
6	Improvement of laboratory phytotest for the ecological evaluation of soils. <i>Eurasian Soil Science</i> , 2017, 50, 1105-1114.	0.5	31
7	Lipid peroxidation in the fungus <i>Curvularia lunata</i> exposed to nickel. <i>Archives of Microbiology</i> , 2010, 192, 135-141.	1.0	29
8	Engineered nanomaterials in soil: Sources of entry and migration pathways. <i>Moscow University Soil Science Bulletin</i> , 2013, 68, 129-134.	0.1	29
9	Root Elongation Method for the Quality Assessment of Metal-Polluted Soils: Whole Soil or Soil-Water Extract?. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 2294-2303.	1.7	20
10	Using humic products as amendments to restore Zn and Pb polluted soil: a case study using rapid screening phytotest endpoint. <i>Journal of Soils and Sediments</i> , 2018, 18, 750-761.	1.5	18
11	An Automated Approach to Groundwater Quality Monitoring – Geospatial Mapping Based on Combined Application of Gaussian Process Regression and Bayesian Information Criterion. <i>Water (Switzerland)</i> , 2021, 13, 400.	1.2	18
12	The structure of micromycete communities and their synecologic interactions with basidiomycetes during plant debris decomposition. <i>Microbiology</i> , 2005, 74, 91-96.	0.5	17
13	Spectral Characterization of Fungal Metabolites in Aqueous Medium with Humus Substances. <i>Journal of Spectroscopy</i> , 2013, 2013, 1-7.	0.6	15
14	The triad approach to ecological assessment of urban soils. <i>Eurasian Soil Science</i> , 2014, 47, 952-958.	0.5	15
15	Assessment of the ecological risk of technogenic soil pollution on the basis of the statistical distribution of the occurrence of micromycete species. <i>Russian Journal of Ecology</i> , 2017, 48, 417-424.	0.3	15
16	Biodegradation of humic substances by microscopic filamentous fungi: chromatographic and spectroscopic proxies. <i>Journal of Soils and Sediments</i> , 2019, 19, 2676-2687.	1.5	15
17	Effects of Humic Acids on the Ecotoxicity of Fe ₃ O ₄ Nanoparticles and Fe-Ions: Impact of Oxidation and Aging. <i>Nanomaterials</i> , 2020, 10, 2011.	1.9	15
18	Biotesting of Soil Ecotoxicity in Case of Chemical Contamination: Modern Approaches to Integration for Environmental Assessment (a Review). <i>Eurasian Soil Science</i> , 2022, 55, 601-612.	0.5	14

#	ARTICLE	IF	CITATIONS
19	Ecological evaluation of artificial soils treated with phosphogypsum. Eurasian Soil Science, 2013, 46, 697-703.	0.5	13
20	Microbiological Indicators of Heavy Metals and Carbon-Containing Preparations Applied to Agrosoddy-Podzolic Soils Differing in Humus Content. Eurasian Soil Science, 2021, 54, 448-458.	0.5	13
21	Dynamics of zoomicrobial complexes upon decomposition of plant litter in spruce forests of the southern taiga. Eurasian Soil Science, 2011, 44, 38-48.	0.5	11
22	Engineered nanomaterials in soil: Problems in assessing their effect on living organisms. Eurasian Soil Science, 2013, 46, 1203-1210.	0.5	11
23	Bioassay standardization issues in freshwater ecosystem assessment: test cultures and test conditions. Knowledge and Management of Aquatic Ecosystems, 2018, , 32.	0.5	10
24	Comparison of Eluate and Direct Soil Bioassay Methods of Soil Assessment in the Case of Contamination with Heavy Metals. Eurasian Soil Science, 2019, 52, 464-470.	0.5	10
25	The importance of mycological studies for soil quality control. Eurasian Soil Science, 2007, 40, 583-587.	0.5	9
26	Comparison of Two Integrated Biotic Indices in Assessing the Effects of Humic Products in a Model Experiment. Eurasian Soil Science, 2019, 52, 736-746.	0.5	9
27	Machine learning methods for estimation the indicators of phosphogypsum influence in soil. Journal of Soils and Sediments, 2019, 19, 2265-2276.	1.5	9
28	Triad method for assessing the remediation effect of humic preparations on urbanozems. Eurasian Soil Science, 2015, 48, 654-663.	0.5	7
29	Engineered Nanomaterials™ Effects on Soil Properties: Problems and Advances in Investigation. Soil Biology, 2017, , 115-136.	0.6	7
30	Effect of Exogenic Humic Substances on Various Growth Endpoints of <i>Alternaria alternata</i> and <i>Trichoderma harzianum</i> in the Experimental Conditions. Waste and Biomass Valorization, 2021, 12, 211-222.	1.8	7
31	Phytotoxicity of Heavy Metals in Contaminated Podzolic Soils of Different Fertility Levels. Eurasian Soil Science, 2021, 54, 964-974.	0.5	7
32	Micromycete Lipids and Stress. Microbiology, 2021, 90, 37-55.	0.5	7
33	Sample preparation considerations for surface and crystalline properties and ecotoxicity of bare and silica-coated magnetite nanoparticles. RSC Advances, 2021, 11, 32227-32235.	1.7	7
34	Biotesting for Cd pollution in soils. Moscow University Soil Science Bulletin, 2010, 65, 179-182.	0.1	5
35	Effect of humic acid on the composition of osmolytes and lipids in a melanin-containing phytopathogenic fungus <i>Alternaria alternata</i> . Environmental Research, 2021, 193, 110395.	3.7	5
36	Drill cuttings in the environment: possible ways to improve their properties. Journal of Soils and Sediments, 2021, 21, 1974-1988.	1.5	5

#	ARTICLE	IF	CITATIONS
55	Processing of toxicological studies results in the statistical program R. Principy Ākologii, 2015, 15, 12-26.	0.0	0
56	Application of Recent Omics Achievements in Bioremediation Processes Illustrated by Progress in Microbial Surfactants Commercialization. , 2016, , 219-232.		0
57	Formulation of a Multifunctional Biopreparations for Phytoremediation of Oil-Contaminated Soils: from Laboratory to Pilot-Industrial Technology. Ecology and Industry of Russia, 2018, 22, 44-49.	0.2	0
58	Interaction of different pigmented micromycetes with humic substances and stability of soil biomes: spectral characterization. IOP Conference Series: Earth and Environmental Science, 2021, 862, 012053.	0.2	0