Vera Terekhova

List of Publications by Year in descending order

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58 papers	664 citations	623188 14 h-index	642321 23 g-index
66 all docs	66 docs citations	66 times ranked	572 citing authors

#	Article	IF	Citations
1	Ecotoxicity of polyelectrolyte formulations in water and soil matrices. Environmental Science and Pollution Research, 2022, 29, 65489-65499.	2.7	5
2	Biotesting of Soil Ecotoxicity in Case of Chemical Contamination: Modern Approaches to Integration for Environmental Assessment (a Review). Eurasian Soil Science, 2022, 55, 601-612.	0.5	14
3	Effect of Exogenic Humic Substances on Various Growth Endpoints of Alternaria alternata and Trichoderma harzianum in the Experimental Conditions. Waste and Biomass Valorization, 2021, 12, 211-222.	1.8	7
4	Characterization and bioactivity of magnetite-based nanocomposites. Materials Today: Proceedings, 2021, 34, 317-321.	0.9	4
5	Effect of humic acid on the composition of osmolytes and lipids in a melanin-containing phytopathogenic fungus Alternaria alternata. Environmental Research, 2021, 193, 110395.	3.7	5
6	Drill cuttings in the environment: possible ways to improve their properties. Journal of Soils and Sediments, 2021, 21, 1974-1988.	1.5	5
7	An Automated Approach to Groundwater Quality Monitoringâ€"Geospatial Mapping Based on Combined Application of Gaussian Process Regression and Bayesian Information Criterion. Water (Switzerland), 2021, 13, 400.	1.2	18
8	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
9	Phytotoxicity of Heavy Metals in Contaminated Podzolic Soils of Different Fertility Levels. Eurasian Soil Science, 2021, 54, 964-974.	0.5	7
10	Effect of an Equal Dose of Polymetallic Pollution on the Microbiological Characteristics of Two Soils with Different Organic Carbon Contents. Water, Air, and Soil Pollution, 2021, 232, 1.	1.1	2
11	Surfactant-enhanced treatment of oil-contaminated Arctic tundra soil: Ecotoxicological assessment. Environmental Technology and Innovation, 2021, 23, 101570.	3.0	4
12	Micromycete Lipids and Stress. Microbiology, 2021, 90, 37-55.	0.5	7
13	Structure of Microbial Complexes in Modelling of Polymetallic Pollution and Remediation of Agrosoddy-Podzolic Soils. Moscow University Soil Science Bulletin, 2021, 76, 33-40.	0.1	2
14	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
15	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
16	Root Elongation Method for the Quality Assessment of Metal-Polluted Soils: Whole Soil or Soil-Water Extract?. Journal of Soil Science and Plant Nutrition, 2020, 20, 2294-2303.	1.7	20
17	Magnetiteâ€"Activated Carbon Nanocomposites: Synthesis, Sorption Properties, and Bioavailability. Russian Journal of Applied Chemistry, 2020, 93, 1202-1210.	0.1	2
18	Effects of Humic Acids on the Ecotoxicity of Fe3O4 Nanoparticles and Fe-Ions: Impact of Oxidation and Aging. Nanomaterials, 2020, 10, 2011.	1.9	15

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19	Features of algae tests of samples containing dissolved organic matter. Issues of Modern Algology (Ð'Ð¾Ð¿ÑÐ¾Ñ‹ Ð¾Ð²Ñ€Ðµ	0.1	1
20	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
21	Machine learning methods for estimation the indicators of phosphogypsum influence in soil. Journal of Soils and Sediments, 2019, 19, 2265-2276.	1.5	9
22	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
23	Outlining the Potential Role of Humic Products in Modifying Biological Properties of the Soilâ€"A Review. Frontiers in Environmental Science, 2019, 7, .	1.5	50
24	Biodegradation of humic substances by microscopic filamentous fungi: chromatographic and spectroscopic proxies. Journal of Soils and Sediments, 2019, 19, 2676-2687.	1.5	15
25	Biochar, wood ash and humic substances mitigating trace elements stress in contaminated sandy loam soil: Evidence from an integrative approach. Chemosphere, 2018, 203, 228-238.	4.2	42
26	Using humic products as amendments to restore Zn and Pb polluted soil: a case study using rapid screening phytotest endpoint. Journal of Soils and Sediments, 2018, 18, 750-761.	1.5	18
27	Use of the Field Data for Assessment of Hazardous Concentration of Pollutants in Soil and Modelling of Species Sensitivity Distribution. Springer Geography, 2018, , 137-149.	0.3	0
28	Chemodiagnostic by Lipid Analysis of the Microbial Community Structure in Trace Metal Polluted Urban Soil. Springer Geography, 2018, , 150-160.	0.3	1
29	Influence of Lead Nitrate and Acetate Applied to Sod-Podzolic Soil on its Bioindicative Parameters. Biology Bulletin, 2018, 45, 1293-1300.	0.1	0
30	Bioassay standardization issues in freshwater ecosystem assessment: test cultures and test conditions. Knowledge and Management of Aquatic Ecosystems, 2018, , 32.	0.5	10
31	Use of absorption spectra and their second-order derivative to quantify degradation of lignohumate by filamentous fungi. , 2018, , .		1
32	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
33	Engineered Nanomaterialsâ€™ Effects on Soil Properties: Problems and Advances in Investigation. Soil Biology, 2017, , 115-136.	0.6	7
34	Improvement of laboratory phytotest for the ecological evaluation of soils. Eurasian Soil Science, 2017, 50, 1105-1114.	0.5	31
35	Assessment of the ecological risk of technogenic soil pollution on the basis of the statistical distribution of the occurrence of micromycete species. Russian Journal of Ecology, 2017, 48, 417-424.	0.3	15
36	The improvement of multi-contaminated sandy loam soil chemical and biological properties by the biochar, wood ash, and humic substances amendments. Environmental Pollution, 2017, 229, 516-524.	3.7	35

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37	Biosurfactant Enhancement Factors in Microbial Degradation Processes. , 2016, , 167-182.		1
38	Application of Recent Omics Achievements in Bioremediation Processes Illustrated by Progress in Microbial Surfactants Commercialization. , 2016, , 219-232.		0
39	Triad method for assessing the remediation effect of humic preparations on urbanozems. Eurasian Soil Science, 2015, 48, 654-663.	0.5	7
40	Dose-response modeling for the environmental risk assessment in cases of technogenic soil contamination. Principy Ãˆkologii, 2015, 15, 73-88.	0.0	1
41	Processing of toxicological studies results in the statistical program R. Principy Ãˆkologii, 2015, 15, 12-26.	0.0	0
42	The triad approach to ecological assessment of urban soils. Eurasian Soil Science, 2014, 47, 952-958.	0.5	15
43	Ecological evaluation of artificial soils treated with phosphogypsum. Eurasian Soil Science, 2013, 46, 697-703.	0.5	13
44	Engineered nanomaterials in soil: Sources of entry and migration pathways. Moscow University Soil Science Bulletin, 2013, 68, 129-134.	0.1	29
45	Engineered nanomaterials in soil: Problems in assessing their effect on living organisms. Eurasian Soil Science, 2013, 46, 1203-1210.	0.5	11
46	Spectral Characterization of Fungal Metabolites in Aqueous Medium with Humus Substances. Journal of Spectroscopy, 2013, 2013, 1-7.	0.6	15
47	Influence of Commercial Humic Products on Living Organisms and Their Detoxification Ability in Cu-Polluted Soil in Model Experiment. , 2013, , 1089-1093.		1
48	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
49	Soil bioassay: Problems and approaches. Eurasian Soil Science, 2011, 44, 173-179.	0.5	45
50	Humic preparations and the assessment of their biological activity for certification purposes. Eurasian Soil Science, 2011, 44, 1222-1230.	0.5	38
51	Establishment of a landfill impact zone on soils using structural and functional modifications of microbial communities. Moscow University Soil Science Bulletin, 2010, 65, 94-97.	0.1	3
52	Biotesting for Cd pollution in soils. Moscow University Soil Science Bulletin, 2010, 65, 179-182.	0.1	5
53	Lipid peroxidation in the fungus Curvularia lunata exposed to nickel. Archives of Microbiology, 2010, 192, 135-141.	1.0	29
54	The importance of mycological studies for soil quality control. Eurasian Soil Science, 2007, 40, 583-587.	0.5	9

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55	The structure of micromycete communities and their synecologic interactions with basidiomycetes during plant debris decomposition. Microbiology, 2005, 74, 91-96.	0.5	17
56	Ion-Plasma Diffusion Aluminide Coatings for Gas Turbine Blades (Structure and Properties). Metal Science and Heat Treatment, 2003, 45, 15-22.	0.2	3
57	The Study of Benthic Microflora by a Near-bottom Disk. Hydrobiological Journal, 2001, 37, 6.	0.2	0
58	Structure and role of microbial communities in southern taiga soils. Microbiology, 2000, 69, 371-380.	0.5	3