

Andrey V Gorovtsov

List of Publications by Citations

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

394
citations

8
h-index

19
g-index

21
ext. papers

548
ext. citations

3.6
avg, IF

3.64
L-index

#	Paper	IF	Citations
19	Effects of zinc-oxide nanoparticles on soil, plants, animals and soil organisms: A review. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2018 , 9, 76-84	3.3	123
18	Effect of nanoparticles on crops and soil microbial communities. <i>Journal of Soils and Sediments</i> , 2018 , 18, 2179-2187	3.4	94
17	The mechanisms of biochar interactions with microorganisms in soil. <i>Environmental Geochemistry and Health</i> , 2020 , 42, 2495-2518	4.7	52
16	Effect of humic preparation on winter wheat productivity and rhizosphere microbial community under herbicide-induced stress. <i>Journal of Soils and Sediments</i> , 2019 , 19, 2665-2675	3.4	25
15	Interaction of Copper-Based Nanoparticles to Soil, Terrestrial, and Aquatic Systems: Critical Review of the State of the Science and Future Perspectives. <i>Reviews of Environmental Contamination and Toxicology</i> , 2020 , 252, 51-96	3.5	22
14	The role of biochar-microbe interaction in alleviating heavy metal toxicity in <i>Hordeum vulgare</i> L. grown in highly polluted soils. <i>Applied Geochemistry</i> , 2019 , 104, 93-101	3.5	21
13	The influence of long-term Zn and Cu contamination in Spolic Technosols on water-soluble organic matter and soil biological activity. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 208, 111471	7	10
12	Ecological evaluation of polymetallic soil quality: the applicability of culture-dependent methods of bacterial communities studying. <i>Journal of Soils and Sediments</i> , 2019 , 19, 3127-3138	3.4	9
11	Sustainable Approach and Safe Use of Biochar and Its Possible Consequences. <i>Sustainability</i> , 2021 , 13, 10362	3.6	8
10	Assessing the toxicity and accumulation of bulk- and nano-CuO in <i>Hordeum sativum</i> L. <i>Environmental Geochemistry and Health</i> , 2021 , 43, 2443-2454	4.7	7
9	Comparison of biochemical and molecular genetic approaches for identification of environmental strains. <i>Microbiology</i> , 2014 , 83, 376-380	1.4	5
8	The influence of application of biochar and metal-tolerant bacteria in polluted soil on morpho-physiological and anatomical parameters of spring barley. <i>Environmental Geochemistry and Health</i> , 2021 , 43, 1477-1489	4.7	5
7	Bioindication-Based Approaches for Sustainable Management of Urban Ecosystems 2017 , 203-228		4
6	The effect of combined pollution by PAHs and heavy metals on the topsoil microbial communities of Spolic Technosols of the lake Atamanskoe, Southern Russia. <i>Environmental Geochemistry and Health</i> , 2021 , 1	4.7	3
5	Organic Matter and Elemental Composition of Humic Acids in Soils of Urban Areas: The Case of Rostov Agglomeration. <i>Springer Geography</i> , 2018 , 80-98	0.4	2
4	Soil organic matter and biological activity under long-term contamination with copper. <i>Environmental Geochemistry and Health</i> , 2021 , 1	4.7	1
3	Enzyme activity of soils in urban landscapes of the lower Don area, Southern Russia. <i>Land Degradation and Development</i> , 2021 , 32, 1618-1631	4.4	1

- 2 Effect of Pesticide and Humic Preparation on the Soil Structure during Pea and Chickpea Cultivation. *Agronomy*, **2021**, 11, 2053 3.6 0
- 1 Evaluation of the biological activity of meadow chernozem soils after the application of biochars with different pyrolysis temperatures in a model experiment. *E3S Web of Conferences*, **2020**, 169, 02013^{0.5}