

# Andrey V Gorovtsov

## List of Publications by Year in Descending Order

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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	Effect of Pesticide and Humic Preparation on the Soil Structure during Pea and Chickpea Cultivation. <i>Agronomy</i> , <b>2021</b> , 11, 2053	3.6	0
18	Soil organic matter and biological activity under long-term contamination with copper. <i>Environmental Geochemistry and Health</i> , <b>2021</b> , 1	4.7	1
17	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> , <b>2021</b> , 43, 1477-1489	4.7	5
16	Assessing the toxicity and accumulation of bulk- and nano-CuO in <i>Hordeum sativum</i> L. <i>Environmental Geochemistry and Health</i> , <b>2021</b> , 43, 2443-2454	4.7	7
15	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> , <b>2021</b> , 208, 111471	7	10
14	Enzyme activity of soils in urban landscapes of the lower Don area, Southern Russia. <i>Land Degradation and Development</i> , <b>2021</b> , 32, 1618-1631	4.4	1
13	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> , <b>2021</b> , 1	4.7	3
12	Sustainable Approach and Safe Use of Biochar and Its Possible Consequences. <i>Sustainability</i> , <b>2021</b> , 13, 10362	3.6	8
11	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> , <b>2020</b> , 252, 51-96	3.5	22
10	Evaluation of the biological activity of meadow chernozem soils after the application of biochars with different pyrolysis temperatures in a model experiment. <i>E3S Web of Conferences</i> , <b>2020</b> , 169, 02013	0.5	
9	The mechanisms of biochar interactions with microorganisms in soil. <i>Environmental Geochemistry and Health</i> , <b>2020</b> , 42, 2495-2518	4.7	52
8	Effect of humic preparation on winter wheat productivity and rhizosphere microbial community under herbicide-induced stress. <i>Journal of Soils and Sediments</i> , <b>2019</b> , 19, 2665-2675	3.4	25
7	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> , <b>2019</b> , 104, 93-101	3.5	21
6	Ecological evaluation of polymetallic soil quality: the applicability of culture-dependent methods of bacterial communities studying. <i>Journal of Soils and Sediments</i> , <b>2019</b> , 19, 3127-3138	3.4	9
5	Effects of zinc-oxide nanoparticles on soil, plants, animals and soil organisms: A review. <i>Environmental Nanotechnology, Monitoring and Management</i> , <b>2018</b> , 9, 76-84	3.3	123
4	Effect of nanoparticles on crops and soil microbial communities. <i>Journal of Soils and Sediments</i> , <b>2018</b> , 18, 2179-2187	3.4	94
3	Organic Matter and Elemental Composition of Humic Acids in Soils of Urban Areas: The Case of Rostov Agglomeration. <i>Springer Geography</i> , <b>2018</b> , 80-98	0.4	2

2	Bioindication-Based Approaches for Sustainable Management of Urban Ecosystems <b>2017</b> , 203-228	4
1	Comparison of biochemical and molecular genetic approaches for identification of environmental strains. <i>Microbiology</i> , <b>2014</b> , 83, 376-380	1.4 5