

# Sergey Denisovich Fomin

## List of Publications by Year in Descending Order

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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.

17  
papers

37  
citations

5  
h-index

5  
g-index

17  
ext. papers

47  
ext. citations

0.3  
avg, IF

1.86  
L-index

#	Paper	IF	Citations
17	Agromeliorative methods of cultivation of a new variety of soybeans Volgogradka 2 under irrigation conditions. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 659, 012072	0.3	
16	Affection of the studied potato varieties ( <i>Solanum Tuberosum</i> ) <i>Streptomyces scabies</i> and <i>Fusarium oxysporum</i> in irrigated conditions of the Orenburg region. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 659, 012098	0.3	
15	Mathematical model for studying the operation of a machine-tractor unit with a tractor <i>DT-175S</i> with an elastic element in the linkage system. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 659, 012076	0.3	1
14	Kinematic study of a robot-weeder with a sprayer function and fertigation. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2020</b> , 422, 012103	0.3	0
13	Microelements application methods influence on physiological-biochemical processes and yellow pepper yields. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2020</b> , 422, 012013	0.3	2
12	Degradation of landscapes in the South of the Privolzhsky Upland. <i>Journal of Forest Science</i> , <b>2019</b> , 65, 195-202	0.9	7
11	Monitoring the state and ecological ameliorative effect of tree and shrub coulisse and row plantings on pastures in the arid conditions of the northern Caspian. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 341, 012103	0.3	4
10	Resource-saving method of chemical treatment of tilled crops. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 341, 012092	0.3	5
9	Water saving eco-friendly technology of rice irrigation. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 341, 012100	0.3	5
8	State of the small rivers of the Volga basin within the lower Volga. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 341, 012107	0.3	5
7	Application of a structural-topological model in the optimization of the working elements of a combine harvester. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 341, 012121	0.3	0
6	Improvement of wear resistance of working elements from gray iron for development of the ground. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 341, 012138	0.3	1
5	Conceptual model of zonal structuring of functional areas of working elements for soil treatment. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 341, 012139	0.3	
4	Parameters of optimized system of technological process of waste water disinfection of livestock enterprises in integrated physico-chemical effects. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 341, 012140	0.3	1
3	Assessing the ecological state of agricultural irrigated fields of the Orenburg gas processing complex with dumping sewage water for crop irrigation. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 350, 012037	0.3	6
2	Analysis of stresses in branched shells of revolution with joint zones using triangular finite elements with allowance for elastoplastic deformation. <i>Russian Aeronautics</i> , <b>2015</b> , 58, 7-14	0.3	
1	Improving the life and reliability of sealing cuffs. <i>Journal of Machinery Manufacture and Reliability</i> , <b>2012</b> , 41, 478-480	0.6	

