

Tatiana A Arkhangelskaya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8919954/publications.pdf>

Version: 2024-02-01

10
papers

145
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating soil thermal diffusivity at different water contents from easily available data on soil texture, bulk density, and organic carbon content. <i>Biosystems Engineering</i> , 2018, 168, 83-95.	4.3	37
2	Pedotransfer functions: State of the art, problems, and outlooks. <i>Eurasian Soil Science</i> , 2006, 39, 1089-1099.	1.6	29
3	Physicochemical bases of differences between the sedimentometric and laser-diffraction techniques of soil particle-size analysis. <i>Eurasian Soil Science</i> , 2007, 40, 281-288.	1.6	24
4	Parameterization and mathematical modeling of the dependence of soil thermal diffusivity on the water content. <i>Eurasian Soil Science</i> , 2009, 42, 162-172.	1.6	20
5	Diversity of thermal conditions within the paleocryogenic soil complexes of the East European Plain: The discussion of key factors and mathematical modeling. <i>Geoderma</i> , 2014, 213, 608-616.	5.1	12
6	Thermal diffusivity of typical Chernozems in the Kamennaya Steppe reserve. <i>Eurasian Soil Science</i> , 2015, 48, 177-182.	1.6	10
7	Properties and functioning of arable soils of the paleocryogenic soil complex in the Vladimir opolie region. <i>Eurasian Soil Science</i> , 2007, 40, 237-246.	1.6	7
8	On the use of the concepts of mathematical physics in modern soil science. <i>Eurasian Soil Science</i> , 2006, 39, S20-S25.	1.6	3
9	Thermal diffusivity of plowed leached meadow-chernozemic soils in the Adygeya Republic. <i>Eurasian Soil Science</i> , 2012, 45, 404-407.	1.6	3
10	Parameterization of Soil Thermal Diffusivity Versus Moisture Content Dependencies and Modeling Spatial Heterogeneity of Soil Temperature. <i>Lecture Notes in Earth System Sciences</i> , 2014, , 197-200.	0.6	0