Oleg Yermolaev

List of Publications by Year
in descending order

36	601	759233 12	642732 23
papers	citations	h-index	g-index

37	37	37	456
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	How fast do gully headcuts retreat?. Earth-Science Reviews, 2016, 154, 336-355.	9.1	229
2	Mapping and spatialâ€temporal assessment of gully density in the Middle Volga region, Russia. Earth Surface Processes and Landforms, 2018, 43, 2818-2834.	2.5	43
3	Assessment of soil loss by water erosion in small river basins in Russia. Catena, 2020, 195, 104726.	5.0	30
4	Influence of climate and land use changes on recent trends of soil erosion rates within the Russian Plain. Land Degradation and Development, 2018, 29, 2658-2667.	3.9	28
5	Cartographic model of river basins of European Russia. Geography and Natural Resources, 2017, 38, 131-138.	0.3	27
6	Automatic Gully Detection: Neural Networks and Computer Vision. Remote Sensing, 2020, 12, 1743.	4.0	26
7	Geoinformation mapping of soil erosion in the Middle Volga region. Eurasian Soil Science, 2017, 50, 118-131.	1.6	23
8	Potential Soil Loss from Erosion on Arable Lands in the European Part of Russia. Eurasian Soil Science, 2019, 52, 1588-1597.	1.6	22
9	Automated construction of the boundaries of basin geosystems for the Volga Federal District. Geography and Natural Resources, 2014, 35, 222-228.	0.3	19
10	Geographic Information System and Geoportal Â«River basins of the European RussiaÂ». IOP Conference Series: Earth and Environmental Science, 2018, 107, 012108.	0.3	19
11	Evaluation of soil erosion rates in the southern half of the Russian Plain: methodology and initial results. Proceedings of the International Association of Hydrological Sciences, 0, 375, 23-27.	1.0	16
12	Estimating the Soil Erosion Cover-Management Factor at the European Part of Russia. ISPRS International Journal of Geo-Information, 2021, 10, 645.	2.9	15
13	Evaluation of Erosion Intensity and Dynamics Using Terrestrial Laser Scanning. Eurasian Soil Science, 2018, 51, 814-826.	1.6	13
14	Assessment of Shoreline Transformation Rates and Landslide Monitoring on the Bank of Kuibyshev Reservoir (Russia) Using Multi-Source Data. Remote Sensing, 2021, 13, 4214.	4.0	13
15	Spatio-Temporal Assessment of Gully Erosion in the Zone of Intensive Agriculture in the European Part of Russia. Geography and Natural Resources, 2018, 39, 204-211.	0.3	12
16	River runoff modeling in the European territory of Russia. Catena, 2021, 203, 105327.	5.0	12
17	Spatial-Temporal Dynamics of the Ephemeral Gully Belt on the Plowed Slopes of River Basins in Natural and Anthropogenic Landscapes of the East of the Russian Plain. Geosciences (Switzerland), 2020, 10, 167.	2.2	9
18	Estimates of slope erosion intensity utilizing terrestrial laser scanning. Proceedings of the International Association of Hydrological Sciences, 0, 367, 59-65.	1.0	8

#	Article	IF	Citations
19	THE BASIN APPROACH TO THE ANTHROPOGENIC IMPACT ASSESSMENT IN OIL-PRODUCING REGION. , 2014, , .		6
20	MAPPING ASSESSMENT OF GULLY EROSION IN THE EAST OF THE RUSSIAN PLAIN. Geomorfologiya, 2017, , 38-51.	0.1	5
21	Geomorphometric analysis of river basins of the Volga Federal District using SRTM and Aster GDEM data. Sovremennye Problemy Distantsionnogo Zondirovaniya Zemli Iz Kosmosa, 2017, 14, 98-109.	0.5	5
22	Assessment of Anthropogenic Pressure on the Volga Federal District Territory Using River Basin Approach. Geosciences (Switzerland), 2020, 10, 139.	2.2	4
23	Suspended sediment yield mapping of Northern Eurasia. Proceedings of the International Association of Hydrological Sciences, 0, 367, 326-332.	1.0	4
24	Mapping Croplands with a Long History of Crop Cultivation Using Time Series of Modis Vegetation Indices. UÄenye Zapiski Kazanskogo Gosudarstvennogo Universiteta: SeriÃ¢ Estestvennye Nauki, 2020, 162, 302-313.	0.3	3
25	Current Perspectives on Social Mapping of Urban Territories. Asian Social Science, 2015, 11, .	0.2	2
26	Environmental Assessment of Basin Geosystems Based on the Landscape Approach. Biosciences, Biotechnology Research Asia, 2014, 11, 257-263.	0.5	2
27	Recent changes in sediment redistribution in the upper parts of the fluvial system of European Russia: regional aspects. Proceedings of the International Association of Hydrological Sciences, 0, 367, 333-339.	1.0	2
28	Use of digital terrain models in morphometric analysis of tectonic structures and prospecting of placers of alluvial genesis. Geography and Natural Resources, 2014, 35, 82-87.	0.3	1
29	The â€œCountry of citiesâ€•web-GIS: development experience and approaches used in creating a history-oriented geoportal. InterCarto InterGIS, 2021, 27, 482-494.	0.4	1
30	Changes in the Regime of Erosive Precipitation on the European Part of Russia for the Period 1966â€“2020. Geosciences (Switzerland), 2022, 12, 279.	2.2	1
31	Modern Approaches to Mathematical Modeling of River Runoff in the Territory of the European Part of Russia. IOP Conference Series: Earth and Environmental Science, 2018, 107, 012017.	0.3	0
32	The elevation and its distribution in geomorphological regions of the European Russia. IOP Conference Series: Earth and Environmental Science, 2018, 107, 012011.	0.3	0
33	Capability of applying morphometric parameters of relief in river basins for geomorphological zoning of a territory. IOP Conference Series: Earth and Environmental Science, 2018, 107, 012009.	0.3	0
34	Erosion Losses of Soils on Arable Land in the European part of Russia. IOP Conference Series: Earth and Environmental Science, 2018, 107, 012014.	0.3	0
35	Trend of Soil Erosion Processes within the Southern Half of the Russian Plain for the Last Decades. IOP Conference Series: Earth and Environmental Science, 2018, 107, 012008.	0.3	0
36	CARTOGRAPHY AND GIS APPROACH TO THE ENVIRONMENTAL ASSESSMENT IN THE REGION OF THE OIL INDUSTRY. , 2014, , .		0