Valentin Golosov

List of Publications by Year
in descending order

66 papers	1,188 citations	394421 19 h-index	414414 32 g-index
75 all docs	75 docs citations	75 times ranked	949 citing authors

#	Article	IF	Citations
1	How fast do gully headcuts retreat?. Earth-Science Reviews, 2016, 154, 336-355.	9.1	229
2	Measuring, modelling and managing gully erosion at large scales: A state of the art. Earth-Science Reviews, 2021, 218, 103637.	9.1	111
3	Fallout radionuclide-based techniques for assessing the impact of soil conservation measures on erosion control and soil quality: an overview of the main lessons learnt under an FAO/IAEA Coordinated Research Project. Journal of Environmental Radioactivity, 2012, 107, 78-85.	1.7	44
4	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
5	Application of Chernobylâ€derived ¹³⁷Cs fallout for sediment redistribution studies: lessons from European Russia. Hydrological Processes, 2013, 27, 781-794.	2.6	38
6	Soil erosion: An important indicator for the assessment of land degradation neutrality in Russia. International Soil and Water Conservation Research, 2020, 8, 418-429.	6.5	37
7	Probability assessment of flood and sediment disasters in Japan using the Total Runoff-Integrating Pathways model. International Journal of Disaster Risk Reduction, 2013, 3, 31-43.	3.9	32
8	Natural attenuation of Fukushima-derived radiocesium in soils due to its vertical and lateral migration. Journal of Environmental Radioactivity, 2018, 186, 23-33.	1.7	31
9	Use of magnetic tracer and radio-cesium methods to determine past cropland soil erosion amounts and rates. Catena, 2013, 104, 103-110.	5.0	30
10	Assessment of the caesium-137 flux adsorbed to suspended sediment in a reservoir in the contaminated Fukushima region in Japan. Environmental Pollution, 2014, 187, 31-41.	7.5	29
11	Using Chernobylâ€derived ¹³⁷Cs to document recent sediment deposition rates on the River Plava floodplain (Central European Russia). Hydrological Processes, 2013, 27, 807-821.	2.6	28
12	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
13	Soil loss on the arable lands of the forest-steppe and steppe zones of European Russia and Siberia during the period of intensive agriculture. Geoderma, 2021, 381, 114678.	5.1	28
14	A TOOLBOX FOR SEDIMENT BUDGET RESEARCH IN SMALL CATCHMENTS. Geography, Environment, Sustainability, 2017, 10, 43-68.	1.3	28
15	Quantitative assessment of effectiveness of soil conservation measures using a combination of 137Cs radioactive tracer and conventional techniques. Catena, 2009, 79, 214-227.	5.0	23
16	Contribution of climate and land cover changes to reduction in soil erosion rates within small cultivated catchments in the eastern part of the Russian Plain during the last 60 years. Environmental Research, 2018, 167, 21-33.	7.5	21
17	Application of bomb- and Chernobyl-derived radiocaesium for reconstructing changes in erosion rates and sediment fluxes from croplands in areas of European Russia with different levels of Chernobyl fallout. Journal of Environmental Radioactivity, 2018, 186, 78-89.	1.7	20
18	Assessment of soil erosion rate trends in two agricultural regions of European Russia for the last 60Âyears. Journal of Soils and Sediments, 2018, 18, 3388-3403.	3.0	20

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19	Century-scale stream network dynamics in the Russian Plain in response to climate and land use change. Catena, 2006, 66, 74-92.	5.0	19
20	Assessment of the trend of degradation of arable soils on the basis of data on the rate of stratozem development obtained with the use of 137Cs as a Ñhronomarker. Eurasian Soil Science, 2017, 50, 1195-1208.	1.6	19
21	Radiocesium in Ponds in the Near Zone of Fukushima Dai-ichi NPP. Water Resources, 2018, 45, 589-597.	0.9	18
22	Sediment transfer at different spatial and temporal scales in the Sichuan Hilly Basin, China: Synthesizing data from multiple approaches and preliminary interpretation in the context of climatic and anthropogenic drivers. Science of the Total Environment, 2017, 598, 319-329.	8.0	16
23	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
24	Assessing the effects of consecutive sediment-control dams using a numerical hydraulic experiment to model river-bed variation. Catena, 2013, 104, 174-185.	5.0	15
25	The history and assessment of effectiveness of soil erosion control measures deployed in Russia. International Soil and Water Conservation Research, 2013, 1, 26-35.	6.5	15
26	Suspended sediment budget and intra-event sediment dynamics of a small glaciated mountainous catchment in the Northern Caucasus. Journal of Soils and Sediments, 2020, 20, 3266-3281.	3.0	14
27	Ecological and hydrological responses to climate change in an urban-forested catchment, Nagara River basin, Japan. Urban Climate, 2012, 1, 40-54.	5.7	13
28	Assessment of potential suspended sediment yield in Japan in the 21st century with reference to the general circulation model climate change scenarios. Global and Planetary Change, 2013, 102, 1-9.	3.5	13
29	Use of natural and artificial radionuclides to determine the sedimentation rates in two North Caucasus lakes. Environmental Pollution, 2020, 262, 114269.	7.5	13
30	Long-term monitoring of gully erosion in Udmurt Republic, Russia. Proceedings of the International Association of Hydrological Sciences, 0, 375, 1-4.	1.0	13
31	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
32	Vertical distribution of 137Cs in alluvial soils of the Lokna River floodplain (Tula oblast) long after the Chernobyl accident and its simulation. Eurasian Soil Science, 2016, 49, 1432-1442.	1.6	11
33	Influence of agricultural development and climate changes on the drainage valley density of the southern half of the Russian Plain. International Journal of Sediment Research, 2017, 32, 60-72.	3.5	11
34	Influence of relief characteristics and landscape connectivity on sediment redistribution in small agricultural catchments in the forest-steppe landscape zone of the Russian Plain within European Russia. Geomorphology, 2019, 327, 230-247.	2.6	11
35	Detailed study of post-Chernobyl Cs-137 redistribution in the soils of a small agricultural catchment (Tula region, Russia). Journal of Environmental Radioactivity, 2020, 223-224, 106386.	1.7	11
36	Sunken lanes - Development and functions in landscapes. Earth-Science Reviews, 2021, 221, 103757.	9.1	11

#	ARTICLE	IF	CITATIONS
37	Elucidating suspended sediment dynamics in a glacierized catchment after an exceptional erosion event: The Djankuat catchment, Caucasus Mountains, Russia. Catena, 2021, 203, 105285.	5.0	10
38	Introduction to the special issue â€˜Tracer Applications in Sediment Researchâ€™. Hydrological Processes, 2013, 27, 775-780.	2.6	9
39	Cloudburst floods in mountains: State of knowledge, occurrence, factors of formation. Geography and Natural Resources, 2017, 38, 20-29.	0.3	8
40	Problems in determining spatial inhomogeneity of 137Cs fallout for estimating rates of erosion-accumulative processes. Russian Meteorology and Hydrology, 2008, 33, 217-227.	1.3	7
41	COMPARISON OF FLY-ASH AND RADIO-CESIUM TRACER METHODS TO ASSESS SOIL EROSION AND DEPOSITION IN ILLINOIS LANDSCAPES (USA). Soil Science, 2008, 173, 575-586.	0.9	7
42	Factors Controlling Contemporary Suspended Sediment Yield in the Caucasus Region. Water (Switzerland), 2021, 13, 3173.	2.7	7
43	Towards global applicability? Erosion source discrimination across catchments using compound-specific Î´13C isotopes. Agriculture, Ecosystems and Environment, 2018, 256, 114-122.	5.3	6
44	Estimating the collapse of aggregated fine soil structure in a mountainous forested catchment. Journal of Environmental Management, 2014, 138, 24-31.	7.8	5
45	A Quantitative Assessment of Mudflow Intensification Factors on the Aibga Ridge Slope (Western) Tj ETQq1 1 0.784314 rgBT /Overlock	0.3	5
46	Contemporary suspended sediment yield of Caucasus mountains. Proceedings of the International Association of Hydrological Sciences, 0, 381, 87-93.	1.0	5
47	How did the suspended sediment load change in the North Caucasus during the Anthropocene?. Hydrological Processes, 2021, 35, e14403.	2.6	5
48	European Russia and Byelorus. , 2006, , 73-93.		4
49	Assessing the accumulation of sorbed isotope 137Cs within the upper components of the fluvial network in the zone of Chernobyl contamination. Geography and Natural Resources, 2016, 37, 355-361.	0.3	4
50	Reconstruction of long-term dynamics of Chernobyl-derived ¹³⁷Cs in the Upa River using bottom sediments in the Scheckino reservoir and semi-empirical modelling. Proceedings of the International Association of Hydrological Sciences, 0, 381, 95-99.	1.0	4
51	The anthropogenic fallout radionuclides in soils of Mount Khuko (the Western Caucasus) and their application for determination of sediment redistribution. Journal of Environmental Radioactivity, 2022, 248, 106880.	1.7	4
52	Nikolay I. Makkaveev and the development of Fluvial Geomorphology in Russia and the former Soviet Union. Catena, 2008, 73, 146-150.	5.0	3
53	Principal denudation processes and their contribution to fluvial suspended sediment yields in the Upper Yangtze River Basin and Volga River Basin. Journal of Mountain Science, 2015, 12, 101-122.	2.0	3
54	Causes and consequences of the streambed restructuring of the Koiavgan Creek (North Caucasus,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	3

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55	Flash floods: formation, study and distribution. E3S Web of Conferences, 2020, 163, 02005.	0.5	2
56	Preface: Land use and climate change impacts on erosion and sediment transport. Proceedings of the International Association of Hydrological Sciences, 0, 381, 1-1.	1.0	2
57	Contemporary gully erosion trend in the northern part of the forest-steppe zone of the Russian Plain: a case study from the Republic of Tatarstan, European Russia. Proceedings of the International Association of Hydrological Sciences, 0, 381, 21-24.	1.0	2
58	QUANTITATIVE ASSESSMENT OF SEDIMENT REDISTRIBUTION IN THE SICHUAN HILLY BASIN AND THE CENTRAL RUSSIAN UPLAND DURING THE PAST 60 YEARS. Geography, Environment, Sustainability, 2014, 7, 39-64.	1.3	1
59	ASSESSMENT OF OVERBANK SEDIMENTATION RATES AND ASSOCIATED POLLUTANT TRANSPORT WITHIN THE SEVERNYA DVINA RIVER BASIN. Geography, Environment, Sustainability, 2011, 4, 68-84.	1.3	1
60	Identification of Soil Resources Problems in European Russia. , 2022, , 449-473.		1
61	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
62	Retrospective of radioactive fallout from data on sampled bottom sediments in closed water bodies. Russian Meteorology and Hydrology, 2007, 32, 581-587.	1.3	0
63	Hydrochemical Peculiarities of Catastrophic Pollution of the Psel River under Influence of Erosion-Hydrological Processes on the Catchment Area. Water Resources, 2021, 48, 598-608.	0.9	0
64	Evaluation of optimal number of soil samples for detail reconstruction of initial field of 137Cs fallout in Chernobyl affected areas. Eurasian Journal of Soil Science, 2015, 4, 227.	0.6	0
65	Quantifying channel bank erosion of a small mountain river in Russian wet subtropics using erosion pins. Proceedings of the International Association of Hydrological Sciences, 0, 381, 79-86.	1.0	0
66	Quantitative Assessment of Lateral Migration of the Chernobyl-Derived 137Cs in Contaminated Territories of the East European Plain. , 2020, , 195-226.		0