

Alexander I Shiklomanov

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

3,563
citations

331670

21
h-index

526287

27
g-index

34
all docs

34
docs citations

34
times ranked

4223
citing authors

#	ARTICLE	IF	CITATIONS
1	Multidecadal declines in particulate mercury and sediment export from Russian rivers in the pan-Arctic basin. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2119857119.	7.1	14
2	Water balance response of permafrost-affected watersheds to changes in air temperatures. Environmental Research Letters, 2021, 16, 084054.	5.2	6
3	River Ice Processes and Changes Across the Northern Regions. , 2021, , 379-406.		5
4	River Freshwater Flux to the Arctic Ocean. , 2021, , 703-738.		30
5	Future Trajectory of Arctic System Evolution. , 2021, , 893-914.		6
6	Unprecedented acceleration of winter discharge of Upper Yenisei River inferred from tree rings. Environmental Research Letters, 2021, 16, 125014.	5.2	6
7	Mercury Export from Arctic Great Rivers. Environmental Science & Technology, 2020, 54, 4140-4148.	10.0	59
8	Vulnerability of the Caspian Sea shoreline to changes in hydrology and climate. Environmental Research Letters, 2020, 15, 115002.	5.2	24
9	State of the Climate in 2018. Bulletin of the American Meteorological Society, 2019, 100, Si-S306.	3.3	168
10	Flux and Seasonality of Dissolved Organic Matter From the Northern Dvina (Severnaya Dvina) River, Russia. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 1041-1056.	3.0	33
11	Dryland belt of Northern Eurasia: contemporary environmental changes and their consequences. Environmental Research Letters, 2018, 13, 115008.	5.2	36
12	Pan-Arctic river discharge: Prioritizing monitoring of future climate change hot spots. Earth's Future, 2017, 5, 72-92.	6.3	59
13	Northern Eurasia Future Initiative (NEFI): facing the challenges and pathways of global change in the twenty-first century. Progress in Earth and Planetary Science, 2017, 4, .	3.0	69
14	Coordination and Sustainability of River Observing Activities in the Arctic. Arctic, 2015, 68, 59.	0.4	24
15	Development of Information-Computational Infrastructure for Environmental Research in Siberia as a Baseline Component of the Northern Eurasia Earth Science Partnership Initiative (NEESPI) Studies. Springer Environmental Science and Engineering, 2013, , 19-55.	0.1	6
16	Hydrological Changes: Historical Analysis, Contemporary Status, and Future Projections. Springer Environmental Science and Engineering, 2013, , 111-154.	0.1	40
17	Influence of permafrost on water storage in West Siberian peatlands revealed from a new database of soil properties. Permafrost and Periglacial Processes, 2012, 23, 69-79.	3.4	24
18	Multiple Effects of Changes in Arctic Snow Cover. Ambio, 2011, 40, 32-45.	5.5	169

#	ARTICLE	IF	CITATIONS
19	Analysis of the Arctic System for Freshwater Cycle Intensification: Observations and Expectations. Journal of Climate, 2010, 23, 5715-5737.	3.2	303
20	Interactions Between Land Cover/Use Change and Hydrology. , 2010, , 137-175.		1
21	The Northern Eurasia Earth Science Partnership: An Example of Science Applied to Societal Needs. Bulletin of the American Meteorological Society, 2009, 90, 671-688.	3.3	44
22	Tracing freshwater anomalies through the air-land-ocean system: A case study from the Mackenzie river basin and the Beaufort Gyre. Atmosphere - Ocean, 2009, 47, 79-97.	1.6	19
23	Rising minimum daily flows in northern Eurasian rivers: A growing influence of groundwater in the high-latitude hydrologic cycle. Journal of Geophysical Research, 2007, 112, .	3.3	158
24	Variability in river temperature, discharge, and energy flux from the Russian pan-Arctic landmass. Journal of Geophysical Research, 2007, 112, .	3.3	58
25	Cold region river discharge uncertainty estimates from large Russian rivers. Journal of Hydrology, 2006, 326, 231-256.	5.4	130
26	Discharge Characteristics and Changes over the Ob River Watershed in Siberia. Journal of Hydrometeorology, 2004, 5, 595-610.	1.9	135
27	Increasing River Discharge to the Arctic Ocean. Science, 2002, 298, 2171-2173.	12.6	1,304
28	A circumpolar perspective on fluvial sediment flux to the Arctic ocean. Global Biogeochemical Cycles, 2002, 16, 45-1-45-14.	4.9	185
29	Assessment of contemporary Arctic river runoff based on observational discharge records. Journal of Geophysical Research, 2001, 106, 3321-3334.	3.3	334
30	Nutrient chemistry of the Ob' and Yenisey Rivers, Siberia: results from June 2000 expedition and evaluation of long-term data sets. Marine Chemistry, 2001, 75, 219-227.	2.3	68
31	Seismic resilience of Arctic infrastructure and social systems: 1st international workshop. Polar Journal, 0, , 1-5.	0.8	2