

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	Increasing River Discharge to the Arctic Ocean. <i>Science</i> , 2002, 298, 2171-2173.	12.6	1,304
2	Assessment of contemporary Arctic river runoff based on observational discharge records. <i>Journal of Geophysical Research</i> , 2001, 106, 3321-3334.	3.3	334
3	Analysis of the Arctic System for Freshwater Cycle Intensification: Observations and Expectations. <i>Journal of Climate</i> , 2010, 23, 5715-5737.	3.2	303
4	A circumpolar perspective on fluvial sediment flux to the Arctic ocean. <i>Global Biogeochemical Cycles</i> , 2002, 16, 45-1-45-14.	4.9	185
5	Multiple Effects of Changes in Arctic Snow Cover. <i>Ambio</i> , 2011, 40, 32-45.	5.5	169
6	State of the Climate in 2018. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, Si-S306.	3.3	168
7	Rising minimum daily flows in northern Eurasian rivers: A growing influence of groundwater in the high-latitude hydrologic cycle. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	158
8	Discharge Characteristics and Changes over the Ob River Watershed in Siberia. <i>Journal of Hydrometeorology</i> , 2004, 5, 595-610.	1.9	135
9	Cold region river discharge uncertainty estimates from large Russian rivers. <i>Journal of Hydrology</i> , 2006, 326, 231-256.	5.4	130
10	Northern Eurasia Future Initiative (NEFI): facing the challenges and pathways of global change in the twenty-first century. <i>Progress in Earth and Planetary Science</i> , 2017, 4, .	3.0	69
11	Nutrient chemistry of the Ob' and Yenisey Rivers, Siberia: results from June 2000 expedition and evaluation of long-term data sets. <i>Marine Chemistry</i> , 2001, 75, 219-227.	2.3	68
12	Pan-Arctic river discharge: Prioritizing monitoring of future climate change hot spots. <i>Earth's Future</i> , 2017, 5, 72-92.	6.3	59
13	Mercury Export from Arctic Great Rivers. <i>Environmental Science & Technology</i> , 2020, 54, 4140-4148.	10.0	59
14	Variability in river temperature, discharge, and energy flux from the Russian pan-Arctic landmass. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	58
15	The Northern Eurasia Earth Science Partnership: An Example of Science Applied to Societal Needs. <i>Bulletin of the American Meteorological Society</i> , 2009, 90, 671-688.	3.3	44
16	Hydrological Changes: Historical Analysis, Contemporary Status, and Future Projections. <i>Springer Environmental Science and Engineering</i> , 2013, , 111-154.	0.1	40
17	Dryland belt of Northern Eurasia: contemporary environmental changes and their consequences. <i>Environmental Research Letters</i> , 2018, 13, 115008.	5.2	36
18	Flux and Seasonality of Dissolved Organic Matter From the Northern Dvina (Severnaya Dvina) River, Russia. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 1041-1056.	3.0	33

#	ARTICLE	IF	CITATIONS
19	River Freshwater Flux to the Arctic Ocean. , 2021, , 703-738.		30
20	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
21	Vulnerability of the Caspian Sea shoreline to changes in hydrology and climate. Environmental Research Letters, 2020, 15, 115002.	5.2	24
22	Coordination and Sustainability of River Observing Activities in the Arctic. Arctic, 2015, 68, 59.	0.4	24
23	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
24	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
25	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
26	Water balance response of permafrost-affected watersheds to changes in air temperatures. Environmental Research Letters, 2021, 16, 084054.	5.2	6
27	Future Trajectory of Arctic System Evolution. , 2021, , 893-914.		6
28	Unprecedented acceleration of winter discharge of Upper Yenisei River inferred from tree rings. Environmental Research Letters, 2021, 16, 125014.	5.2	6
29	River Ice Processes and Changes Across the Northern Regions. , 2021, , 379-406.		5
30	Seismic resilience of Arctic infrastructure and social systems: 1st international workshop. Polar Journal, 0, , 1-5.	0.8	2
31	Interactions Between Land Cover/Use Change and Hydrology. , 2010, , 137-175.		1