

Hans H DÃ¼rr

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

7,427
citations

126907

33
h-index

276875

41
g-index

41
all docs

41
docs citations

41
times ranked

10349
citing authors

#	ARTICLE	IF	CITATIONS
1	Global carbon dioxide emissions from inland waters. <i>Nature</i> , 2013, 503, 355-359.	27.8	1,670
2	Mountains of the world, water towers for humanity: Typology, mapping, and global significance. <i>Water Resources Research</i> , 2007, 43, .	4.2	839
3	Global monthly water stress: 2. Water demand and severity of water stress. <i>Water Resources Research</i> , 2011, 47, .	4.2	342
4	Enhanced chemical weathering as a geoengineering strategy to reduce atmospheric carbon dioxide, supply nutrients, and mitigate ocean acidification. <i>Reviews of Geophysics</i> , 2013, 51, 113-149.	23.0	323
5	Global phosphorus retention by river damming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15603-15608.	7.1	322
6	Plastic debris in the Laurentian Great Lakes: A review. <i>Journal of Great Lakes Research</i> , 2015, 41, 9-19.	1.9	300
7	Global variability of daily total suspended solids and their fluxes in rivers. <i>Global and Planetary Change</i> , 2003, 39, 65-93.	3.5	277
8	Partitioning global patterns of freshwater fish beta diversity reveals contrasting signatures of past climate changes. <i>Ecology Letters</i> , 2011, 14, 325-334.	6.4	260
9	Evaluation of sinks and sources of CO ₂ in the global coastal ocean using a spatially explicit typology of estuaries and continental shelves. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	253
10	Global CO ₂ -consumption by chemical weathering: What is the contribution of highly active weathering regions?. <i>Global and Planetary Change</i> , 2009, 69, 185-194.	3.5	241
11	Mapping permeability over the surface of the Earth. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	236
12	Lithologic composition of the Earth's continental surfaces derived from a new digital map emphasizing riverine material transfer. <i>Global Biogeochemical Cycles</i> , 2005, 19, n/a-n/a.	4.9	234
13	Worldwide Typology of Nearshore Coastal Systems: Defining the Estuarine Filter of River Inputs to the Oceans. <i>Estuaries and Coasts</i> , 2011, 34, 441-458.	2.2	215
14	Global spatial distribution of natural riverine silica inputs to the coastal zone. <i>Biogeosciences</i> , 2011, 8, 597-620.	3.3	174
15	Anthropogenic perturbations of the silicon cycle at the global scale: Key role of the land-ocean transition. <i>Global Biogeochemical Cycles</i> , 2009, 23, .	4.9	158
16	Global multi-scale segmentation of continental and coastal waters from the watersheds to the continental margins. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 2029-2051.	4.9	157
17	Global coastal segmentation and its river catchment contributors: A new look at land-ocean linkage. <i>Global Biogeochemical Cycles</i> , 2006, 20, n/a-n/a.	4.9	112
18	Global and Regional Patterns in Riverine Fish Species Richness: A Review. <i>International Journal of Ecology</i> , 2011, 2011, 1-12.	0.8	106

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19	Global patterns of dissolved silica export to the coastal zone: Results from a spatially explicit global model. <i>Global Biogeochemical Cycles</i> , 2009, 23, .	4.9	103
20	River hydrological seasonality influences life history strategies of tropical riverine fishes. <i>Oecologia</i> , 2008, 156, 691-702.	2.0	98
21	A scenario for impacts of water availability loss due to climate change on riverine fish extinction rates. <i>Journal of Applied Ecology</i> , 2013, 50, 1105-1115.	4.0	90
22	Non-native species disrupt the worldwide patterns of freshwater fish body size: implications for Bergmann's rule. <i>Ecology Letters</i> , 2010, 13, 421-431.	6.4	88
23	Worldwide retention of nutrient silicon by river damming: From sparse data set to global estimate. <i>Global Biogeochemical Cycles</i> , 2014, 28, 842-855.	4.9	85
24	Submarine groundwater discharge from tropical islands: a review. <i>Grundwasser</i> , 2015, 20, 53-67.	1.4	81
25	Patterns and processes of global riverine fish endemism. <i>Global Ecology and Biogeography</i> , 2012, 21, 977-987.	5.8	75
26	Fish-SPRICH: a database of freshwater fish species richness throughout the World. <i>Hydrobiologia</i> , 2013, 700, 343-349.	2.0	73
27	Dissolved silica mobilization in the conterminous USA. <i>Chemical Geology</i> , 2010, 270, 90-109.	3.3	67
28	Direct Discharges of Domestic Wastewater are a Major Source of Phosphorus and Nitrogen to the Mediterranean Sea. <i>Environmental Science & Technology</i> , 2016, 50, 8722-8730.	10.0	67
29	Selecting the optimal method to calculate daily global reference potential evaporation from CFSR reanalysis data for application in a hydrological model study. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 983-1000.	4.9	60
30	Predicting riverine dissolved silica fluxes to coastal zones from a hyperactive region and analysis of their first-order controls. <i>International Journal of Earth Sciences</i> , 2010, 99, 207-230.	1.8	50
31	The geochemical composition of the terrestrial surface (without soils) and comparison with the upper continental crust. <i>International Journal of Earth Sciences</i> , 2012, 101, 365-376.	1.8	44
32	Global hydrobelts and hydroregions: improved reporting scale for water-related issues?. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 1093-1111.	4.9	39
33	Contribution of riverine nutrients to the silicon biogeochemistry of the global ocean – a model study. <i>Biogeosciences</i> , 2011, 8, 551-564.	3.3	38
34	GEOCHEMISTRY OF THE RIVER RHINE AND THE UPPER DANUBE: RECENT TRENDS AND LITHOLOGICAL INFLUENCE ON BASELINES. <i>Journal of Environmental Science for Sustainable Society</i> , 2007, 1, 39-46.	0.1	33
35	Regional seas and their interception of riverine fluxes to oceans. <i>Marine Chemistry</i> , 2007, 106, 301-325.	2.3	27
36	Changing Land-, Sea-, and Airscapes: Sources of Nutrient Pollution Affecting Habitat Suitability for Harmful Algae. <i>Ecological Studies</i> , 2018, , 53-76.	1.2	25

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37	Lithological composition of the North American continent and implications of lithological map resolution for dissolved silica flux modeling. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	21
38	Retention of dissolved silica within the fluvial system of the conterminous USA. <i>Biogeochemistry</i> , 2013, 112, 637-659.	3.5	16
39	Surgical Outcome and Oncological Survival of Osteofibrous Dysplasia-Like and Classic Adamantinomas. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1703-1713.	3.0	12