Atle Harby

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4772894/publications.pdf

Version: 2024-02-01

31	1,034	516710 16	454955 30
papers	citations	h-index	g-index

43	43	43	1145
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Classification of hydropeaking impacts on Atlantic salmon populations in regulated rivers. River Research and Applications, 2023, 39, 313-325.	1.7	14
2	Introducing HyPeak: An international network on hydropeaking research, practice, and policy. River Research and Applications, 2023, 39, 283-291.	1.7	4
3	Hydropower in Evolving Electricity Markets. , 2022, , 176-185.		1
4	Hydropeaking Impact Assessment for Iberian Cyprinids: Hydropeaking Tool Adaptation. , 2022, , 135-145.		1
5	Hydropower Reservoirsâ€"Benefits and Challenges. , 2021, , .		1
6	A new modelling framework to assess biogenic GHG emissions from reservoirs: The G-res tool. Environmental Modelling and Software, 2021, 143, 105117.	4.5	24
7	Assessing the energy potential of modernizing the European hydropower fleet. Energy Conversion and Management, 2021, 246, 114655.	9.2	48
8	Regionalized Linear Models for River Depth Retrieval Using 3-Band Multispectral Imagery and Green LIDAR Data. Remote Sensing, 2021, 13, 3897.	4.0	2
9	The net GHG emissions of the Three Gorges Reservoir in China: II. Post-impoundment GHG inventories and full-scale synthesis. Journal of Cleaner Production, 2020, 277, 123961.	9.3	6
10	Evaluating Cost Trade-Offs between Hydropower and Fish Passage Mitigation. Sustainability, 2020, 12, 8520.	3.2	17
11	The net GHG emissions of the China Three Gorges Reservoir: I. Pre-impoundment GHG inventories and carbon balance. Journal of Cleaner Production, 2020, 256, 120635.	9.3	16
12	Advancing ecohydraulics and ecohydrology by clarifying the role of their component interdisciplines. Journal of Ecohydraulics, 2019, 4, 172-187.	3.1	10
13	Greenhouse Gas Emissions from Freshwater Reservoirs: What Does the Atmosphere See?. Ecosystems, 2018, 21, 1058-1071.	3.4	145
14	From Microhabitat Ecohydraulics to an Improved Management of River Catchments: Bridging the gap Between Scales. River Research and Applications, 2017, 33, 189-191.	1.7	9
15	Move or stay: habitat use and movements by Atlantic salmon parr (Salmo salar) during induced rapid flow variations. Hydrobiologia, 2017, 785, 261-275.	2.0	33
16	Socio-environmental integration of hydropower facilities. Houille Blanche, 2017, 103, 5-8.	0.3	1
17	A comparison of methods for the measurement of CO₂ and CH₄ emissions from surface water reservoirs: Results from an international workshop held at Three Gorges Dam, June 2012. Limnology and Oceanography: Methods, 2015, 13, 15-29.	2.0	23
18	Water consumption from hydropower plants â€“ review of published estimates and an assessment of the concept. Hydrology and Earth System Sciences, 2013, 17, 3983-4000.	4.9	68

#	Article	IF	Citations
19	Water Allocation With Use of the Building Block Methodology (BBM) in the Godavari Basin, India. Journal of Sustainable Development, 2013, 6, .	0.3	5
20	Development of Small Versus Large Hydropower in Norwayâ€“ Comparison of Environmental Impacts. Energy Procedia, 2012, 20, 185-199.	1.8	69
21	Hydraulicâ€habitat modelling for setting environmental river flow needs for salmonids. Fisheries Management and Ecology, 2012, 19, 500-517.	2.0	76
22	Gross CO2 and CH4 emissions from the Nam Ngum and Nam Leuk sub-tropical reservoirs in Lao PDR. Science of the Total Environment, 2011, 409, 5382-5391.	8.0	65
23	Does ice matter? Site fidelity and movements by Atlantic salmon (Salmo salar L.) parr during winter in a substrate enhanced river reach. River Research and Applications, 2009, 25, 773-787.	1.7	45
24	European aquatic modelling network. River Research and Applications, 2007, 23, 467-468.	1.7	1
25	A mesohabitat method used to assess minimum flow changes and impacts on the invertebrate and fish fauna in the RhÃ´ne River, France. River Research and Applications, 2007, 23, 525-543.	1.7	19
26	Mid-winter activity and movement of Atlantic salmon parr during ice formation events in a Norwegian regulated river. Hydrobiologia, 2007, 582, 81-89.	2.0	29
27	Seasonal Response of Juvenile Atlantic Salmon to Experimental Hydropeaking Power Generation in Newfoundland, Canada. North American Journal of Fisheries Management, 2005, 25, 964-974.	1.0	66
28	Application of habitat modelling in river rehabilitation and artificial habitat design. Hydroecologie Appliquee, 2004, 14, 105-117.	1.3	6
29	A Meso-scale Habitat Classification Method for Production Modelling of Atlantic Salmon in Norway. Hydroecologie Appliquee, 2004, 14, 119-138.	1.3	45
30	Field sampling design and spatial scale in habitatâ€“hydraulic modelling: comparison of three models. Fisheries Management and Ecology, 1998, 5, 225-240.	2.0	18
31	AVAILABILITY OF MICROHABITATS AND THEIR USE BY BROWN TROUT (SALMO TRUTTA) AND GRAYLING (THYMALLUS THYMALLUS) IN THE RIVER VOJMâ„«N, SWEDEN. River Research and Applications, 1996, 12, 287-303.	0.8	82