

Fredrik Huthoff

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3741758/publications.pdf>

Version: 2024-02-01

14
papers

352
citations

1163117

8
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

412
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical solution of the depth-averaged flow velocity in case of submerged rigid cylindrical vegetation. <i>Water Resources Research</i> , 2007, 43, .	4.2	130
2	Interacting Divided Channel Method for Compound Channel Flow. <i>Journal of Hydraulic Engineering</i> , 2008, 134, 1158-1165.	1.5	75
3	Uncertainty in 2D hydrodynamic models from errors in roughness parameterization based on aerial images. <i>Physics and Chemistry of the Earth</i> , 2011, 36, 324-334.	2.9	31
4	Modeling residual flood risk behind levees, Upper Mississippi River, USA. <i>Environmental Science and Policy</i> , 2016, 58, 131-140.	4.9	28
5	Optimizing Dredge-and-Dump Activities for River Navigability Using a Hydro-Morphodynamic Model. <i>Water (Switzerland)</i> , 2015, 7, 3943-3962.	2.7	26
6	Uncertainty in hydromorphological and ecological modelling of lowland river floodplains resulting from land cover classification errors. <i>Environmental Modelling and Software</i> , 2013, 42, 17-29.	4.5	21
7	Theory for flow resistance caused by submerged roughness elements. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2012, 50, 10-17.	1.7	19
8	Theoretical Analysis of Wing Dike Impact on River Flood Stages. <i>Journal of Hydraulic Engineering</i> , 2013, 139, 550-556.	1.5	8
9	Feedback Mechanism in Bifurcating River Systems: the Effect on Water-Level Sensitivity. <i>Water (Switzerland)</i> , 2020, 12, 1915.	2.7	8
10	Evaluation of a Simple Hydraulic Resistance Model Using Flow Measurements Collected in Vegetated Waterways. <i>Open Journal of Modern Hydrology</i> , 2013, 03, 28-37.	1.0	4
11	Closure to "Interacting Divided Channel Method for Compound Channel Flow" by Fredrik Huthoff, Pieter C. Roos, Denie C. M. Augustijn, and Suzanne J. M. H. Hulscher. <i>Journal of Hydraulic Engineering</i> , 2009, 135, 1020-1022.	1.5	1
12	Towards a new design condition for integrative spatial planning of fluvial morphological zones. , 2016, , .		1
13	Stone Stability under Stationary Nonuniform Flows. <i>Journal of Hydraulic Engineering</i> , 2016, 142, 04016061.	1.5	0
14	Human interventions in a bifurcating river system: Numerical investigation and uncertainty assessment. <i>Journal of Flood Risk Management</i> , 2022, 15, e12762.	3.3	0