

Magnus Larson

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

373
citations

1040056

9
h-index

839539

18
g-index

48
all docs

48
docs citations

48
times ranked

402
citing authors

#	ARTICLE	IF	CITATIONS
1	Equivalent Roughness Height for Plane Bed under Steady Flow. Journal of Hydraulic Engineering, 2006, 132, 1146-1158.	1.5	57
2	Direct Formula to Compute Wave Height and Angle at Incipient Breaking. Journal of Waterway, Port, Coastal and Ocean Engineering, 2010, 136, 119-122.	1.2	50
3	Implications of extreme waves and water levels in the southern Baltic Sea. Journal of Hydraulic Research/De Recherches Hydrauliques, 2008, 46, 292-302.	1.7	36
4	Ship-Generated Waves and Induced Turbidity in the GÅrta Ålv River in Sweden. Journal of Waterway, Port, Coastal and Ocean Engineering, 2014, 140, .	1.2	27
5	An Experimental Investigation on Inclined Negatively Buoyant Jets. Water (Switzerland), 2012, 4, 720-738.	2.7	21
6	Integrity breaches in a hollow fiber nanofilter â€œ Effects on natural organic matter and virus-like particle removal. Water Research, 2016, 105, 231-240.	11.3	21
7	Simulating beach and dune evolution at decadal to centennial scale under rising sea levels. PLoS ONE, 2019, 14, e0215651.	2.5	18
8	A methodology for estimating risks associated with landslides of contaminated soil into rivers. Science of the Total Environment, 2014, 472, 481-495.	8.0	16
9	Short- and long-term responses of nourishments: Barra-Vagueira coastal stretch, Portugal. Journal of Coastal Conservation, 2018, 22, 475-489.	1.6	10
10	Predicting ship waves in sheltered waterways â€œ An application of XBeach to the Stockholm Archipelago, Sweden. Coastal Engineering, 2021, 170, 104026.	4.0	10
11	SIMULATION OF REGIONAL LONGSHORE SEDIMENT TRANSPORT AND COASTAL EVOLUTION â€œ THE â€œCASCADEâ€œ MODEL. , 2003, , .		9
12	MODELING SEDIMENT STORAGE AND TRANSFER FOR SIMULATING REGIONAL COASTAL EVOLUTION. , 2007, , .		8
13	Modeling undertow due to random waves. Ocean Dynamics, 2014, 64, 1209-1219.	2.2	8
14	Accuracy of Equivalent Roughness Height Formulas in Practical Applications. Journal of Hydraulic Engineering, 2013, 139, 331-335.	1.5	7
15	A Simplified Model to Estimate the Concentration of Inorganic Ions and Heavy Metals in Rivers. Water (Switzerland), 2016, 8, 453.	2.7	7
16	A Numerical Model for Offshore Mound Evolution. Journal of Marine Science and Engineering, 2020, 8, 160.	2.6	7
17	Modeling the Bight of Benin (Gulf of Guinea, West Africa) coastline response to natural and anthropogenic forcing. Regional Studies in Marine Science, 2021, 48, 101995.	0.7	7
18	Numerical Modeling of Beach Profile Change Caused by Overwash. , 2006, , 1.		6

#	ARTICLE	IF	CITATIONS
19	A Simplified Model to Simulate pH and Alkalinity in the Mixing Zone Downstream of an Acidic Discharge. <i>Mine Water and the Environment</i> , 2018, 37, 552-564.	2.0	6
20	A physically based model for mesoscale SuDS – an alternative to large-scale urban drainage simulations. <i>Journal of Environmental Management</i> , 2019, 240, 527-536.	7.8	6
21	A Comparative Study of the Effects of the 1872 Storm and Coastal Flood Risk Management in Denmark, Germany, and Sweden. <i>Water (Switzerland)</i> , 2021, 13, 1697.	2.7	5
22	Model of nearshore random wave transformation: validation against laboratory and field data. <i>Ocean Engineering</i> , 2017, 135, 183-193.	4.3	4
23	Numerical modeling of ship wave generation using Green's functions based on linear dispersive wave theory. <i>Coastal Engineering Journal</i> , 2020, 62, 317-335.	1.9	4
24	MODELING DUNE RESPONSE BY OVERWASH TRANSPORT. , 2005, , .		4
25	13. A MODEL OF WAVE AND CURRENT FIELDS AROUND COASTAL STRUCTURES. , 2009, , .		3
26	Qualitative simulation of bathymetric changes due to reservoir sedimentation: A Japanese case study. <i>PLoS ONE</i> , 2017, 12, e0174931.	2.5	3
27	ANALYTICAL MODEL OF NAVIGATION CHANNEL INFILLING BY CROSS-CHANNEL TRANSPORT. , 2003, , .		3
28	ONE-LINE MODELLING OF COMPLEX BEACH CONDITIONS: AN APPLICATION TO COASTAL EROSION AT HAI HAU BEACH IN THE RED RIVER DELTA, VIETNAM. , 2005, , .		3
29	MORPHOLOGIC CLASSIFICATION OF COASTAL OVERWASH. , 2007, , .		2
30	Regional Wave Transformation and Associated Shoreline Evolution in the Red River Delta, Vietnam. , 2002, , 1316.		1
31	PROCESS-DETERMINED COASTAL EROSION HAZARDS. , 2009, , .		1
32	Analytical solutions to two- and three-dimensional periodic flows for numerical model testing. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2010, 26, 190-204.	2.1	1
33	MODELING REGIONAL COASTAL EVOLUTION IN THE BIGHT OF BENIN, GULF OF GUINEA, WEST AFRICA. , 2019, , .		1
34	COASTAL BARRIER BREACHING: COMPARISON OF PHYSICAL AND NUMERICAL MODELS. , 2007, , .		1
35	Transport solide par charriage sous une interaction houle-courant. <i>Revue Européenne De Génie Civil</i> , 2005, 9, 855-870.	0.0	0
36	Bed-Load Transport under Steady and Oscillatory Flow. , 2006, , 1.		0

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37	LONG-TERM BEACH RESPONSE TO GROIN SHORTENING, WESTHAMPTON BEACH, LONG ISLAND, NEW YORK. , 2009, , .		0
38	MODELLING BEACH TOPOGRAPHY EVOLUTION DUE TO WAVES AND CURRENTS IN THE VICINITY OF COASTAL STRUCTURES. , 2013, , .		0
39	Simple Methods for Direct Computation of Bed Roughness due to Sediment Transport. Journal of Hydraulic Engineering, 2021, 147, 06021006.	1.5	0
40	COMPLEX PRINCIPAL COMPONENT ANALYSIS TO CHARACTERIZE BEACH TOPOGRAPHIC CHANGE IN SILT ISLAND, GERMANY. , 2004, , .		0
41	SIMULATION OF COASTAL EVOLUTION USING AN N-LINE MODEL INCLUDING WIND-INDUCED CURRENTS. , 2005, , .		0
42	IMPLICATIONS OF MORPHODYNAMIC TIME SCALE FOR COASTAL PROTECTION. , 2005, , .		0
43	LONG-TERM SIMULATIONS OF SUBAERIAL BEACH EROSION AND OVERWASH DURING STORMS. , 2009, , .		0
44	MODELING REGIONAL SEDIMENT TRANSPORT AND TIDAL INLET DEVELOPMENT. , 2013, , .		0
45	DECADAL-SCALE DUNE EVOLUTION AT DUCK, NORTH CAROLINA. , 2019, , .		0
46	THE RELATION BETWEEN LONGSHORE VARIATIONS IN GRAIN SIZE DISTRIBUTION AND SEDIMENT TRANSPORT PROCESSES. , 2019, , .		0
47	MORPHOLOGICAL MODELING OF TIDAL INLET EVOLUTION: AN APPLICATION TO MUNDAÃ§S INLET, BRAZIL. , 2019, , .		0