Magnus Larson

List of Publications by Year
in descending order

47	373	1040056	839539
papers	citations	9	18
		h-index	g-index

48	48	48	402
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Comparative Study of the Effects of the 1872 Storm and Coastal Flood Risk Management in Denmark, Germany, and Sweden. Water (Switzerland), 2021, 13, 1697.	2.7	5
2	Simple Methods for Direct Computation of Bed Roughness due to Sediment Transport. Journal of Hydraulic Engineering, 2021, 147, 06021006.	1.5	0
3	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
4	Predicting ship waves in sheltered waterways â€“ An application of XBeach to the Stockholm Archipelago, Sweden. Coastal Engineering, 2021, 170, 104026.	4.0	10
5	A Numerical Model for Offshore Mound Evolution. Journal of Marine Science and Engineering, 2020, 8, 160.	2.6	7
6	Numerical modeling of ship wave generation using Greenâ€™s functions based on linear dispersive wave theory. Coastal Engineering Journal, 2020, 62, 317-335.	1.9	4
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 physically based model for mesoscale SuDS â€“ an alternative to large-scale urban drainage simulations. Journal of Environmental Management, 2019, 240, 527-536.	7.8	6
9	MODELING REGIONAL COASTAL EVOLUTION IN THE BIGHT OF BENIN, GULF OF GUINEA, WEST AFRICA. , 2019, , .		1
10	DECADAL-SCALE DUNE EVOLUTION AT DUCK, NORTH CAROLINA. , 2019, , .		0
11	THE RELATION BETWEEN LONGSHORE VARIATIONS IN GRAIN SIZE DISTRIBUTION AND SEDIMENT TRANSPORT PROCESSES. , 2019, , .		0
12	MORPHOLOGICAL MODELING OF TIDAL INLET EVOLUTION: AN APPLICATION TO MUNDAÃš INLET, BRAZIL. , 2019, , .		0
13	A Simplified Model to Simulate pH and Alkalinity in the Mixing Zone Downstream of an Acidic Discharge. Mine Water and the Environment, 2018, 37, 552-564.	2.0	6
14	Short- and long-term responses of nourishments: Barra-Vagueira coastal stretch, Portugal. Journal of Coastal Conservation, 2018, 22, 475-489.	1.6	10
15	Model of nearshore random wave transformation: validation against laboratory and field data. Ocean Engineering, 2017, 135, 183-193.	4.3	4
16	Qualitative simulation of bathymetric changes due to reservoir sedimentation: A Japanese case study. PLoS ONE, 2017, 12, e0174931.	2.5	3
17	A Simplified Model to Estimate the Concentration of Inorganic Ions and Heavy Metals in Rivers. Water (Switzerland), 2016, 8, 453.	2.7	7
18	Integrity breaches in a hollow fiber nanofilter â€“ Effects on natural organic matter and virus-like particle removal. Water Research, 2016, 105, 231-240.	11.3	21

#	Article	IF	Citations
19	Ship-Generated Waves and Induced Turbidity in the GÃ¶ta Ã„lv River in Sweden. Journal of Waterway, Port, Coastal and Ocean Engineering, 2014, 140, .	1.2	27
20	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
21	Modeling undertow due to random waves. Ocean Dynamics, 2014, 64, 1209-1219.	2.2	8
22	Accuracy of Equivalent Roughness Height Formulas in Practical Applications. Journal of Hydraulic Engineering, 2013, 139, 331-335.	1.5	7
23	MODELLING BEACH TOPOGRAPHY EVOLUTION DUE TO WAVES AND CURRENTS IN THE VICINITY OF COASTAL STRUCTURES. , 2013, , .		0
24	MODELING REGIONAL SEDIMENT TRANSPORT AND TIDAL INLET DEVELOPMENT. , 2013, , .		0
25	An Experimental Investigation on Inclined Negatively Buoyant Jets. Water (Switzerland), 2012, 4, 720-738.	2.7	21
26	Analytical solutions to two- and three-dimensional periodic flows for numerical model testing. International Journal for Numerical Methods in Biomedical Engineering, 2010, 26, 190-204.	2.1	1
27	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
28	LONG-TERM BEACH RESPONSE TO GROIN SHORTENING, WESTHAMPTON BEACH, LONG ISLAND, NEW YORK. , 2009, , .		0
29	PROCESS-DETERMINED COASTAL EROSION HAZARDS. , 2009, , .		1
30	13. A MODEL OF WAVE AND CURRENT FIELDS AROUND COASTAL STRUCTURES. , 2009, , .		3
31	LONG-TERM SIMULATIONS OF SUBAERIAL BEACH EROSION AND OVERWASH DURING STORMS. , 2009, , .		0
32	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
33	MODELING SEDIMENT STORAGE AND TRANSFER FOR SIMULATING REGIONAL COASTAL EVOLUTION. , 2007, , .		8
34	MORPHOLOGIC CLASSIFICATION OF COASTAL OVERWASH. , 2007, , .		2
35	COASTAL BARRIER BREACHING: COMPARISON OF PHYSICAL AND NUMERICAL MODELS. , 2007, , .		1
36	Bed-Load Transport under Steady and Oscillatory Flow. , 2006, , 1.		0

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37	Equivalent Roughness Height for Plane Bed under Steady Flow. Journal of Hydraulic Engineering, 2006, 132, 1146-1158.	1.5	57
38	Numerical Modeling of Beach Profile Change Caused by Overwash. , 2006, , 1.		6
39	Transport solide par charriage sous une interaction houle-courant. Revue EuropÃ©enne De GÃ©nie Civil, 2005, 9, 855-870.	0.0	0
40	MODELING DUNE RESPONSE BY OVERWASH TRANSPORT. , 2005, , .		4
41	ONE-LINE MODELLING OF COMPLEX BEACH CONDITIONS: AN APPLICATION TO COASTAL EROSION AT HAI HAU BEACH IN THE RED RIVER DELTA, VIETNAM. , 2005, , .		3
42	SIMULATION OF COASTAL EVOLUTION USING AN N-LINE MODEL INCLUDING WIND-INDUCED CURRENTS. , 2005, , .		0
43	IMPLICATIONS OF MORPHODYNAMIC TIME SCALE FOR COASTAL PROTECTION. , 2005, , .		0
44	COMPLEX PRINCIPAL COMPONENT ANALYSIS TO CHARACTERIZE BEACH TOPOGRAPHIC CHANGE IN SILT ISLAND, GERMANY. , 2004, , .		0
45	SIMULATION OF REGIONAL LONGSHORE SEDIMENT TRANSPORT AND COASTAL EVOLUTION â€“ THE â€œCASCADEâ€• MODEL. , 2003, , .		9
46	ANALYTICAL MODEL OF NAVIGATION CHANNEL INFILLING BY CROSS-CHANNEL TRANSPORT. , 2003, , .		3
47	Regional Wave Transformation and Associated Shoreline Evolution in the Red River Delta, Vietnam. , 2002, , 1316.		1