Mohamed Nabi

List of Publications by Year
in descending order

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16	526	758635 12	996533 15
papers	citations	h-index	g-index

19	19	19	528
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The international river interface cooperative: Public domain flow and morphodynamics software for education and applications. Advances in Water Resources, 2016, 93, 62-74.	1.7	80
2	Numerical investigation of local scour at two adjacent cylinders. Advances in Water Resources, 2014, 70, 131-147.	1.7	78
3	Detailed simulation of morphodynamics: 3. Ripples and dunes. Water Resources Research, 2013, 49, 5930-5943.	1.7	57
4	Detailed simulation of morphodynamics: 2. Sediment pickup, transport, and deposition. Water Resources Research, 2013, 49, 4775-4791.	1.7	44
5	Advances in computational morphodynamics using the International River Interface Cooperative (iRIC) software. Earth Surface Processes and Landforms, 2020, 45, 11-37.	1.2	37
6	Detailed simulation of morphodynamics: 1. Hydrodynamic model. Water Resources Research, 2012, 48, .	1.7	33
7	Computational modeling of 137 Cs contaminant transfer associated with sediment transport in Abukuma River. Journal of Environmental Radioactivity, 2015, 139, 416-426.	0.9	31
8	Computational modeling of flow and morphodynamics through rigid-emergent vegetation. Advances in Water Resources, 2015, 84, 64-86.	1.7	30
9	Experiments and modelling of cantilever failures for cohesive riverbanks. Journal of Hydraulic Research/De Recherches Hydrauliques, 2018, 56, 76-95.	0.7	21
10	An efficient finite volume model for shallow geothermal systems. Part I: Model formulation. Computers and Geosciences, 2012, 49, 290-296.	2.0	20
11	Coupled studies of fluvial erosion and cantilever failure for cohesive riverbanks: Case studies in the experimental flumes and U-Tapao River. Journal of Hydro-Environment Research, 2017, 16, 13-26.	1.0	19
12	An efficient finite volume model for shallow geothermal systemsâ€"Part II: Verification, validation and grid convergence. Computers and Geosciences, 2012, 49, 297-307.	2.0	16
13	Computational modeling of dissipation and regeneration of fluvial sand dunes under variable discharges. Journal of Geophysical Research F: Earth Surface, 2015, 120, 1390-1403.	1.0	10
14	Computational Modeling of Flow and Scour around Two Cylinders in Staggered Array. Water (Switzerland), 2017, 9, 654.	1.2	10
15	Cantilever failure investigations for cohesive riverbanks. Water Management, 2017, 170, 93-108.	0.4	7
16	COMPUTATIONAL MODELLING OF FLUVIAL FLAT BED REGIME. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2013, 69, I_103-I_108.	0.0	0