Hyung Suk Kim

List of Publications by Year
in descending order

11 papers	239 citations	1478505 6 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	268 citing authors

#	Article	IF	Citations
1	Numerical investigation of local scour at two adjacent cylinders. Advances in Water Resources, 2014, 70, 131-147.	3.8	78
2	Bed morphological changes around a finite patch of vegetation. Earth Surface Processes and Landforms, 2015, 40, 375-388.	2.5	61
3	Numerical Simulation of Flow and Suspended Sediment Deposition Within and Around a Circular Patch of Vegetation on a Rigid Bed. Water Resources Research, 2018, 54, 7231-7251.	4.2	32
4	Computational modeling of flow and morphodynamics through rigid-emergent vegetation. Advances in Water Resources, 2015, 84, 64-86.	3.8	30
5	Flow and wake characteristics associated with riparian vegetation patches: Results from field-scale experiments. Hydrological Processes, 2022, 36, .	2.6	18
6	Computational Modeling of Flow and Scour around Two Cylinders in Staggered Array. Water (Switzerland), 2017, 9, 654.	2.7	10
7	Experiment and Computation of Morphological Response to a Vegetation Patch in Open-Channel Flows with Erodible Banks. Water (Switzerland), 2019, 11, 2255.	2.7	4
8	Numerical Simulation of Wind Wave Using Ensemble Forecast Wave Model: A Case Study of Typhoon Lingling. Journal of Marine Science and Engineering, 2021, 9, 475.	2.6	3
9	Experimental Investigations of Scour Pools around Porous Obstructions. Water (Switzerland), 2016, 8, 498.	2.7	2
10	Verification of Forecast Performance of a Rapid Refresh Wave Model Based on Wind–Wave Interaction Effect. Journal of Marine Science and Engineering, 2021, 9, 1230.	2.6	1
11	Numerical simulations of turbulent flow through submerged vegetation using LES. Journal of the Korea Academia-Industrial Cooperation Society, 2015, 16, 6305-6314.	0.1	0