

Mirko Musa

List of Publications by Year in descending order

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papers

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16
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Local Scour around a Model Hydrokinetic Turbine in an Erodible Channel. <i>Journal of Hydraulic Engineering</i> , 2014, 140, .	1.5	44
2	Performance and resilience of hydrokinetic turbine arrays under large migrating fluvial bedforms. <i>Nature Energy</i> , 2018, 3, 839-846.	39.5	39
3	Interaction between instream axial flow hydrokinetic turbines and uni-directional flow bedforms. <i>Renewable Energy</i> , 2016, 86, 409-421.	8.9	34
4	Predictive model for local scour downstream of hydrokinetic turbines in erodible channels. <i>Physical Review Fluids</i> , 2018, 3, .	2.5	20
5	Interaction between hydrokinetic turbine wakes and sediment dynamics: array performance and geomorphic effects under different siting strategies and sediment transport conditions. <i>Renewable Energy</i> , 2019, 138, 738-753.	8.9	18
6	Experimental and Numerical Investigation of Wake Interactions of Marine Hydrokinetic Turbines. <i>Energies</i> , 2019, 12, 3188.	3.1	16
7	A Mixed Length Scale Model for Migrating Fluvial Bedforms. <i>Geophysical Research Letters</i> , 2020, 47, e10.1029/2019GL086625.	4.0	12
8	Hydrokinetic Turbines in Yawed Conditions: Toward Synergistic Fluvial Installations. <i>Journal of Hydraulic Engineering</i> , 2020, 146, .	1.5	8
9	Hydropower development potential at non-powered dams: Data needs and research gaps. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 145, 111058.	16.4	8
10	Scale-Dependent Bedform Migration and Deformation in the Physical and Spectral Domains. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2020JF005811.	2.8	6
11	Wake Characteristics and Power Performance of a Drag-Driven in-Bank Vertical Axis Hydrokinetic Turbine. <i>Energies</i> , 2019, 12, 3611.	3.1	4
12	On steady alternate bars forced by a localized asymmetric drag distribution in erodible channels. <i>Journal of Fluid Mechanics</i> , 2021, 916, .	3.4	3