

Mohammad Amir Khan

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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#	ARTICLE	IF	CITATIONS
1	Flood Suspended Sediment Transport: Combined Modelling from Dilute to Hyper-Concentrated Flow. <i>Water (Switzerland)</i> , 2021, 13, 379.	1.2	42
2	Development of scour around a circular pier and its modelling using genetic algorithm. <i>Water Science and Technology: Water Supply</i> , 2020, 20, 3358-3367.	1.0	33
3	Scour around Spur Dike in Sand-Gravel Mixture Bed. <i>Water (Switzerland)</i> , 2019, 11, 1417.	1.2	28
4	Biosynthesized silica-based zinc oxide nanocomposites for the sequestration of heavy metal ions from aqueous solutions. <i>Journal of King Saud University - Science</i> , 2022, 34, 101996.	1.6	28
5	Review of Suspended Sediment Transport Mathematical Modelling Studies. <i>Fluids</i> , 2022, 7, 23.	0.8	22
6	Reduction of scour around circular piers using collars. <i>Journal of Flood Risk Management</i> , 2022, 15, .	1.6	21
7	Three-Dimensional Hole Size (3DHS) Approach for Water Flow Turbulence Analysis over Emerging Sand Bars: Flume-Scale Experiments. <i>Water (Switzerland)</i> , 2022, 14, 1889.	1.2	21
8	The Effect of Rough Rigid Apron on Scour Downstream of Sluice Gates. <i>Water (Switzerland)</i> , 2022, 14, 2223.	1.2	15
9	Development of Eco-Friendly Concrete Mix Using Recycled Aggregates: Structural Performance and Pore Feature Study Using Image Analysis. <i>Materials</i> , 2022, 15, 2953.	1.3	11
10	Experimental observation of turbulent structure at region surrounding the mid-channel braid bar. <i>Marine Georesources and Geotechnology</i> , 2022, 40, 448-461.	1.2	10
11	Two-dimensional turbulent burst examination and angle ratio utilization to detect scouring/sedimentation around mid-channel bar. <i>Acta Geophysica</i> , 2021, 69, 1335-1348.	1.0	8
12	Hydrometeorological consequences on the water balance in the Ganga river system under changing climatic conditions using land surface model. <i>Journal of King Saud University - Science</i> , 2022, 34, 102065.	1.6	7
13	Investigation of Coherent Flow Turbulence in the Proximity of Mid-Channel Bar. <i>KSCE Journal of Civil Engineering</i> , 2019, 23, 5098-5108.	0.9	6
14	Long-Term Potentiodynamic Testing and Tribometric Properties of Amorphous Alloy Coatings under Saline Environment. <i>Molecules</i> , 2022, 27, 1421.	1.7	5
15	Performance assessment of vortex settling chambers. <i>ISH Journal of Hydraulic Engineering</i> , 2014, 20, 324-338.	1.1	4
16	Geotechnical Behaviour of Fly Ash-Bentonite Used in Layers. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1421.	1.3	3
17	Mid-Channel Braid-Bar-Induced Turbulent Bursts: Analysis Using Octant Events Approach. <i>Water (Switzerland)</i> , 2022, 14, 450.	1.2	3
18	Turbulent characteristics of flow in the vicinity of mid-channel braid bar. <i>Canadian Journal of Civil Engineering</i> , 0, , .	0.7	2

#	ARTICLE	IF	CITATIONS
19	Contribution of quadrant bursting events to the turbulent flow structure at region close to the mid-channel bar. ISH Journal of Hydraulic Engineering, 2022, 28, 410-419.	1.1	2
20	Analysis of Turbulent Flow Structure with Its Fluvial Processes around Mid-Channel Bar. Sustainability, 2022, 14, 392.	1.6	1
21	Impact of Crumb Rubber Concentration and Plastic Coated Aggregates on the Rheological Performance of Modified Bitumen Asphalt. Sustainability, 2022, 14, 3907.	1.6	0