

Abdul Karim Barbhuiya

List of Publications by Year in descending order

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18
papers

508
citations

840776

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888059

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18
all docs

18
docs citations

18
times ranked

304
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous streamflow forecasting based on hybridized neuro-fuzzy method for a river system. <i>Neural Computing and Applications</i> , 2021, 33, 3221-3233.	5.6	14
2	Scour at River Bend: A Parametric Study. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2020, 44, 1001-1021.	1.9	7
3	Countermeasure of river bend scour using a combination of submerged vanes and riprap. <i>International Journal of Sediment Research</i> , 2018, 33, 478-492.	3.5	7
4	Experimental study on bank erosion and protection using submerged vane placed at an optimum angle in a 180° laboratory channel bend. <i>Geomorphology</i> , 2017, 283, 32-40.	2.6	27
5	Bridge pier scour in cohesive soil: a review. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2017, 42, 1803-1819.	1.3	14
6	Live-bed scour experiments with 45° wing-wall abutments. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2014, 39, 1165-1183.	1.3	4
7	Radial basis function to predict scour depth around bridge abutment. , 2011, , .		4
8	Scour and three dimensional turbulent flow fields measured by ADV at a 90° horizontal forced bend in a rectangular channel. <i>Flow Measurement and Instrumentation</i> , 2010, 21, 312-321.	2.0	18
9	3D flow field in a scour hole at a wing-wall abutment. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2006, 44, 33-50.	1.7	31
10	Velocity and turbulence in a scour hole at a vertical-wall abutment. <i>Flow Measurement and Instrumentation</i> , 2006, 17, 13-21.	2.0	43
11	Flow Field at a Vertical-Wall Abutment. <i>Journal of Hydraulic Engineering</i> , 2005, 131, 1126-1135.	1.5	51
12	Time Variation of Scour at Abutments. <i>Journal of Hydraulic Engineering</i> , 2005, 131, 11-23.	1.5	110
13	Turbulent flow field in a scour hole at a semicircular abutment. <i>Canadian Journal of Civil Engineering</i> , 2005, 32, 213-232.	1.3	28
14	Clear-Water Scour at Abutments in Thinly Armored Beds. <i>Journal of Hydraulic Engineering</i> , 2004, 130, 622-634.	1.5	38
15	Local scour at abutments: A review. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2004, 29, 449-476.	1.3	78
16	Velocity and turbulence at a wing-wall abutment. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2004, 29, 35-56.	1.3	7
17	Measurement of turbulent flow field at a vertical semicircular cylinder attached to the sidewall of a rectangular channel. <i>Flow Measurement and Instrumentation</i> , 2004, 15, 87-96.	2.0	16
18	Turbulent flow measurement by the ADV in the vicinity of a rectangular cross-section cylinder placed at a channel sidewall. <i>Flow Measurement and Instrumentation</i> , 2004, 15, 221-237.	2.0	11