

# Abdul Karim Barbhuiya

## List of Publications by Year in descending order

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18  
papers

508  
citations

840776

11  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

304  
citing authors

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