

# Hossein Basser

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1793976/publications.pdf>

Version: 2024-02-01

11  
papers

277  
citations

933447

10  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid ANFISâ€‘PSO approach for predicting optimum parameters of a protective spur dike. Applied Soft Computing Journal, 2015, 30, 642-649.	7.2	70
2	Verification of numerical study of scour around spur dikes using experimental data. Water and Environment Journal, 2014, 28, 124-134.	2.2	41
3	A cooperative expert based support vector regression (Co-ESVR) system to determine collar dimensions around bridge pier. Neurocomputing, 2014, 140, 172-184.	5.9	25
4	Experimental and Numerical Investigation of the Effect of Different Shapes of Collars on the Reduction of Scour around a Single Bridge Pier. PLoS ONE, 2014, 9, e98592.	2.5	25
5	Local scour around complex pier groups and combined piles at semi-integral bridge. Journal of Hydrology and Hydromechanics, 2014, 62, 108-116.	2.0	23
6	SPH modelling of multi-fluid lock-exchange over and within porous media. Advances in Water Resources, 2017, 108, 15-28.	3.8	16
7	Reducing Local Scouring at Bridge Piles Using Collars and Geobags. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	13
8	Smoothed Particle Hydrodynamics modelling of fresh and salt water dynamics in porous media. Journal of Hydrology, 2019, 576, 370-380.	5.4	13
9	Reservoir Sedimentation Based on Uncertainty Analysis. Abstract and Applied Analysis, 2014, 2014, 1-6.	0.7	9
10	Modeling sediment transport around a rectangular bridge abutment. Environmental Fluid Mechanics, 2015, 15, 1105-1114.	1.6	8
11	Methods for monitoring scour from large-diameter heat probe tests. Structural Health Monitoring, 2016, 15, 38-49.	7.5	6