

# Subba Rao

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58  
papers

294  
citations

9  
h-index

15  
g-index

61  
ext. papers

352  
ext. citations

1.6  
avg, IF

3.33  
L-index

#	Paper	IF	Citations
58	Hindcasting of storm waves using neural networks. <i>Ocean Engineering</i> , <b>2005</b> , 32, 667-684	3.9	39
57	Physical model studies on wave transmission of a submerged inclined plate breakwater. <i>Ocean Engineering</i> , <b>2009</b> , 36, 1199-1207	3.9	31
56	Particle Swarm Optimization based support vector machine for damage level prediction of non-reshaped berm breakwater. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 27, 313-321	7.5	28
55	Ocean wave parameters estimation using backpropagation neural networks. <i>Marine Structures</i> , <b>2005</b> , 18, 301-318	3.8	24
54	Laboratory investigation on wave transmission through two rows of perforated hollow piles. <i>Ocean Engineering</i> , <b>1999</b> , 26, 675-699	3.9	18
53	Effect of Artificial Sea Grass on Wave Attenuation- An Experimental Investigation. <i>Aquatic Procedia</i> , <b>2015</b> , 4, 221-226		11
52	Damage level prediction of non-reshaped berm breakwater using ANN, SVM and ANFIS models. <i>International Journal of Naval Architecture and Ocean Engineering</i> , <b>2012</b> , 4, 112-122	2.3	11
51	Stability Aspects of Nonreshaped Berm Breakwaters with Reduced Armor Weight. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>2008</b> , 134, 81-87	1.7	10
50	Runup and Rundown Characteristics of an Emerged Seaside Perforated Quarter Circle Breakwater. <i>Aquatic Procedia</i> , <b>2015</b> , 4, 234-239		9
49	Stability of breakwater defenced by a seaward submerged reef. <i>Ocean Engineering</i> , <b>2006</b> , 33, 829-846	3.9	9
48	Stability of berm breakwater with reduced armor stone weight. <i>Ocean Engineering</i> , <b>2004</b> , 31, 1577-1589	3.9	9
47	Effect of artificial seagrass on wave attenuation and wave run-up. <i>The International Journal of Ocean and Climate Systems</i> , <b>2016</b> , 7, 14-19		7
46	Effect of Artificial Vegetation on Wave Attenuation [An Experimental Investigation. <i>Procedia Engineering</i> , <b>2015</b> , 116, 600-606		7
45	Ocean wave transmission by submerged reef: A physical model study. <i>Ocean Engineering</i> , <b>2007</b> , 34, 2093-2099	3.9	7
44	STUDY OF COASTAL EROSION ALONG KARNATAKA COAST. <i>ISH Journal of Hydraulic Engineering</i> , <b>2002</b> , 8, 23-33	1.5	7
43	Prediction of wave transmission over submerged reef of tandem breakwater using PSO-SVM and PSO-ANN techniques. <i>ISH Journal of Hydraulic Engineering</i> , <b>2020</b> , 26, 283-290	1.5	7
42	Analysis of the Effect of Anchor Rod on the Behavior of Diaphragm Wall Using Plaxis 3d. <i>Aquatic Procedia</i> , <b>2015</b> , 4, 240-247		5

41	Effect of Stiffness on Performance of Diaphragm Wall. <i>Procedia Engineering</i> , <b>2015</b> , 116, 343-349		5
40	LABORATORY INVESTIGATION ON WAVE TRANSMISSION THROUGH SUSPENDED PERFORATED PIPES. <i>ISH Journal of Hydraulic Engineering</i> , <b>2001</b> , 7, 23-32	1.5	5
39	LABORATORY INVESTIGATION ON WAVE REFLECTION CHARACTERISTICS OF SUSPENDED PERFORATED PIPE BREAKWATER. <i>ISH Journal of Hydraulic Engineering</i> , <b>1999</b> , 5, 22-32	1.5	5
38	Classification of Tidal Inlets Along the Central West Coast of India. <i>Procedia Engineering</i> , <b>2015</b> , 116, 912-921		4
37	LABORATORY STUDIES ON THE STABILITY OF TANDEM BREAKWATER. <i>ISH Journal of Hydraulic Engineering</i> , <b>2003</b> , 9, 36-45	1.5	4
36	Wave Reflection and Loss Characteristics of an Emerged Quarter Circle Breakwater with Varying Seaside Perforations. <i>Journal of the Institution of Engineers (India): Series A</i> , <b>2017</b> , 98, 311-315	1	3
35	Classification of Tidal Inlets Along the Central East Coast of India. <i>Procedia Engineering</i> , <b>2015</b> , 116, 922-931		3
34	Nondimensional Methods to Classify the Tidal Inlets Along the Karnataka Coastline, West Coast of India. <i>Lecture Notes in Civil Engineering</i> , <b>2019</b> , 173-184	0.3	3
33	A Review on Development of Minor Ports to Improve the Economy of Developing Country. <i>Aquatic Procedia</i> , <b>2015</b> , 4, 256-263		2
32	Damage level prediction of non-reshaped berm breakwater using ANN, SVM and ANFIS models. <i>International Journal of Naval Architecture and Ocean Engineering</i> , <b>2012</b> , 4, 112-122	2.3	2
31	Prediction of Damage Level of Inner Conventional Rubble Mound Breakwater of Tandem Breakwater Using Swarm Intelligence-Based Neural Network (PSO-ANN) Approach. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 441-453	0.4	2
30	Multiple Nonlinear Regression Analysis for the Stability of Non-overtopping Perforated Quarter Circle Breakwater. <i>Journal of Marine Science and Application</i> , <b>2020</b> , 19, 293-300	1.2	2
29	Laboratory investigations of wave attenuation by simulated vegetation of varying densities. <i>ISH Journal of Hydraulic Engineering</i> , <b>2019</b> , 25, 203-213	1.5	2
28	Flood estimation at ungauged catchments of western catchments of Karnataka, West coast of India. <i>ISH Journal of Hydraulic Engineering</i> , <b>2019</b> , 25, 325-335	1.5	2
27	Evaluation of Hydrodynamic Performance of Quarter Circular Breakwater Using Soft Computing Techniques. <i>Lecture Notes in Civil Engineering</i> , <b>2019</b> , 71-88	0.3	1
26	Performance of Variable Selection Method for the Damage Level Prediction of Reshaped Berm Breakwater. <i>Aquatic Procedia</i> , <b>2015</b> , 4, 302-307		1
25	Prediction of reflection coefficient of a perforated Quarter Circle Breakwater using artificial neural network (ann). <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1276, 012006	0.3	1
24	Parameter Optimization Using GA in SVM to Predict Damage Level of Non-Reshaped Berm Breakwater. <i>The International Journal of Ocean and Climate Systems</i> , <b>2014</b> , 5, 79-88		1

23	Directional Asymmetry in Random Waves Near Shallow Water Regions Its Application in Physical Modelling. <i>Procedia Engineering</i> , <b>2015</b> , 116, 720-729		1
22	Run-up, run-down and reflection characteristics of semicircular breakwater for varying seaside perforations. <i>ISH Journal of Hydraulic Engineering</i> , <b>2012</b> , 18, 145-151	1.5	1
21	Experimental Investigations of Wave Height Attenuation by Submerged Artificial Vegetation. <i>Water Science and Technology Library</i> , <b>2018</b> , 499-509	0.3	1
20	A Review on Stability of Caisson Breakwater <b>2019</b> , 83-88		1
19	Prediction of Wave Transmission over an Outer Submerged Reef of Tandem Breakwater Using RBF-Based Support Vector Regression Technique. <i>Lecture Notes in Civil Engineering</i> , <b>2019</b> , 559-570	0.3	1
18	Tidal Energy Estimation of Potential Tidal Inlets Along the East Coast of India. <i>Lecture Notes in Civil Engineering</i> , <b>2019</b> , 649-674	0.3	1
17	Wave Steepness and Relative Width: Influence on Transmission Coefficient of Horizontal Interlaced, Multilayered, Moored Floating Pipe Breakwater With Five Layers. <i>Marine Technology Society Journal</i> , <b>2011</b> , 45, 20-27	0.5	
16	LABORATORY INVESTIGATION ON HORIZONTAL AND VERTICAL PLATE BREAKWATERS. <i>ISH Journal of Hydraulic Engineering</i> , <b>2010</b> , 16, 88-98	1.5	
15	PHYSICAL MODEL STUDIES ON STABILITY OF CONCRETE ARMoured BREAKWATERS. <i>ISH Journal of Hydraulic Engineering</i> , <b>2011</b> , 17, 51-60	1.5	
14	CONCRETE CUBES AS ARMOUR UNITAN EXPERIMENTAL STUDY FOR BERM BREAKWATER. <i>ISH Journal of Hydraulic Engineering</i> , <b>2011</b> , 17, 12-17	1.5	
13	STABILITY EQUATION FOR BREAKWATER SHELTERED BY A SEAWARD SUBMERGED REEF. <i>ISH Journal of Hydraulic Engineering</i> , <b>2007</b> , 13, 18-31	1.5	
12	WAVE RUNUP, RUNDOWN AND STABILITY ANALYSIS ON BERM BREAKWATER WITH 20% REDUCED ARMOUR WEIGHT. <i>ISH Journal of Hydraulic Engineering</i> , <b>2005</b> , 11, 90-100	1.5	
11	AN INTERPRETATION OF SEDIMENT TRENDS ALONG D. K. COAST. <i>ISH Journal of Hydraulic Engineering</i> , <b>2001</b> , 7, 33-39	1.5	
10	ReefAn Ecofriendly and Cost Effective Hard Option for Coastal Conservation <b>2008</b> , 173-180		
9	Relative Wave Run-Up Parameter Prediction of Emerged Semicircular Breakwater. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 867-878	0.3	
8	Prediction of wind-wave climate along Karnataka coast. <i>Journal of Earth System Science</i> , <b>2021</b> , 130, 1	1.8	
7	Experimental Study on Role of Emergent Artificial Coastal Vegetation in Controlling Wave Run Up. <i>Water Science and Technology Library</i> , <b>2018</b> , 535-542	0.3	
6	An Experimental Investigation on Toe Stability for VerticalCaisson Breakwaters. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 593-602	0.3	

- 5 Peak mooring forces in the horizontal interlaced multi-layered moored floating pipe breakwater. *International Journal of Naval Architecture and Ocean Engineering*, **2011**, 3, 150-158 2.3
- 4 Evaluation of tidal stream energy at major tidal inlets of Goa, India. *ISH Journal of Hydraulic Engineering*, **2019**, 1-9 1.5
- 3 Laboratory Investigations on the Effect of Fragmentation and Heterogeneity of Coastal Vegetation in Wave Height Attenuation. *Lecture Notes in Civil Engineering*, **2019**, 13-23 0.3
- 2 Estimation of Wave Overtopping Discharge at Quarter Circle Breakwater Using LSSVM. *Algorithms for Intelligent Systems*, **2022**, 399-405 0.5
- 1 Stability Analysis of Emerged Seaside Perforated Quarter Circle Breakwater Using Soft Computing Techniques. *Lecture Notes on Data Engineering and Communications Technologies*, **2022**, 177-191 0.4