

Arkal Vittal Hegde

List of Publications by Year in descending order

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38
papers

704
citations

840585

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26
g-index

38
all docs

38
docs citations

38
times ranked

722
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Quality Metrics for Fused Image. Aquatic Procedia, 2015, 4, 133-142.	0.9	269
2	Development of Coastal Vulnerability Index for Mangalore Coast, India. Journal of Coastal Research, 2007, 23, 1106.	0.1	99
3	Bathymetry Mapping Using Landsat 8 Satellite Imagery. Procedia Engineering, 2015, 116, 560-566.	1.2	60
4	Evaluation of pan-sharpening methods for spatial and spectral quality. Applied Geomatics, 2017, 9, 1-12.	1.2	45
5	Neuro-fuzzy based approach for wave transmission prediction of horizontally interlaced multilayer moored floating pipe breakwater. Ocean Engineering, 2011, 38, 186-196.	1.9	39
6	Shoreline Transformation Study of Karnataka Coast: Geospatial Approach. Aquatic Procedia, 2015, 4, 151-156.	0.9	38
7	Estimation of bathymetry along the coast of Mangaluru using Landsat-8 imagery. The International Journal of Ocean and Climate Systems, 2017, 8, 71-83.	0.8	22
8	GIS Based Approach for Vulnerability Assessment of the Karnataka Coast, India. Advances in Civil Engineering, 2016, 2016, 1-10.	0.4	19
9	Mooring forces in horizontal interlaced moored floating pipe breakwater with three layers. Ocean Engineering, 2008, 35, 165-173.	1.9	18
10	Performance Characteristics of Horizontal Interlaced Multilayer Moored Floating Pipe Breakwater. Journal of Waterway, Port, Coastal and Ocean Engineering, 2007, 133, 275-285.	0.5	17
11	Comparison of various pan-sharpening methods using Quickbird-2 and Landsat-8 imagery. Arabian Journal of Geosciences, 2017, 10, 1.	0.6	13
12	Runup and Rundown Characteristics of an Emerged Seaside Perforated Quarter Circle Breakwater. Aquatic Procedia, 2015, 4, 234-239.	0.9	9
13	Computational Intelligence on Hydrodynamic Performance Characteristics of Emerged Perforated Quarter Circle Breakwater. Procedia Engineering, 2015, 116, 118-124.	1.2	8
14	Effect of core porosity on stability and run-up of breakwaters. Ocean Engineering, 1995, 22, 519-526.	1.9	5
15	Numerical Modeling of Oil Spill Movement along North-West Coast of India Using GNOME. The International Journal of Ocean and Climate Systems, 2013, 4, 75-86.	0.8	5
16	PSO-ANFIS hybrid approach for prediction of wave reflection coefficient for semicircular breakwater. ISH Journal of Hydraulic Engineering, 2021, 27, 135-143.	1.1	5
17	Short-Term and Long-Term Geomorphological dynamics of mangalore spits using IRS-1A/1C data. Journal of the Indian Society of Remote Sensing, 2000, 28, 233-247.	1.2	4
18	Quarter Circular Breakwater: Prediction of Transmission Using Multiple Regression and Artificial Neural Network. Marine Technology Society Journal, 2014, 48, 92-98.	0.3	4

#	ARTICLE	IF	CITATIONS
19	A comparative study on extraction of buildings from Quickbird-2 satellite imagery with & without fusion. Cogent Engineering, 2017, 4, 1291118.	1.1	4
20	Multiple Nonlinear Regression Analysis for the Stability of Non-overtopping Perforated Quarter Circle Breakwater. Journal of Marine Science and Application, 2020, 19, 293-300.	0.7	4
21	Run-up, run-down and reflection characteristics of semicircular breakwater for varying seaside perforations. ISH Journal of Hydraulic Engineering, 2012, 18, 145-151.	1.1	3
22	Wave Reflection and Loss Characteristics of an Emerged Quarter Circle Breakwater with Varying Seaside Perforations. Journal of the Institution of Engineers (India): Series A, 2017, 98, 311-315.	0.6	3
23	HYDRODYNAMIC PERFORMANCE CHARACTERISTICS OF SEMICIRCULAR BREAKWATERâ€™WAVE RUN-UP AND RUN-DOWN. ISH Journal of Hydraulic Engineering, 2010, 16, 99-108.	1.1	2
24	Development of Prediction Models for Hydrodynamic Performance of Semicircular Breakwater. Marine Technology Society Journal, 2012, 46, 48-54.	0.3	2
25	Prediction of Hydrodynamic Characteristics of Quarter Circular Breakwater Using Stepwise Regression. The International Journal of Ocean and Climate Systems, 2015, 6, 47-54.	0.8	2
26	Reflection and Dissipation Characteristics of Non-overtopping Quarter Circle Breakwater with Low-mound Rubble Base. Journal of Advanced Research in Ocean Engineering, 2015, 1, 44-54.	0.0	2
27	Transmission Performance of Submerged Semicircular Breakwaters for Different Radii and Submergence Ratios. The International Journal of Ocean and Climate Systems, 2014, 5, 151-161.	0.8	1
28	Influence of Relative Draft on Transmission Characteristics of Floating Pipe Breakwater with Relative Spacing of Three. Aquatic Procedia, 2015, 4, 206-213.	0.9	1
29	Assessment of Coastal Vulnerability to combined effects of Socio-Economical Factors and Erosion on Karnataka Coast with the aid of Integrated Remote Sensing and GIS Techniques. International Journal of Earth Sciences and Engineering, 2017, 10, 313-320.	0.1	1
30	Comparison of wave statistics obtained by using continuous and digitized form of random waves. Ocean Engineering, 1992, 19, 209-213.	1.9	0
31	BERM BREAKWATERSâ€™STATE OF THE ART. ISH Journal of Hydraulic Engineering, 2002, 8, 50-59.	1.1	0
32	MODAL ANALYSIS OF JACKET OFFSHORE STRUCTURES SOFTWARE DEVELOPMENT. ISH Journal of Hydraulic Engineering, 2004, 10, 106-120.	1.1	0
33	EVALUATION OF IN-SITU SATURATED HYDRAULIC CONDUCTIVITY IN A COASTAL HUMID TROPICAL WETLAND. ISH Journal of Hydraulic Engineering, 2006, 12, 78-93.	1.1	0
34	Wave Steepness and Relative Width: Influence on Transmission Coefficient of Horizontal Interlaced, Multilayered, Moored Floating Pipe Breakwater With Five Layers. Marine Technology Society Journal, 2011, 45, 20-27.	0.3	0
35	Effect of Relative Time Period on Mooring Forces of Floating Pipe Breakwater with Relative Spacing of Three. Aquatic Procedia, 2015, 4, 214-220.	0.9	0
36	Conventional Prediction vs Beyond Data Range Prediction of Loss Coefficient for Quarter Circle Breakwater Using ANFIS. Lecture Notes in Computer Science, 2015, , 412-421.	1.0	0

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37	INFLUENCE OF WAVE AND STRUCTURE PARAMETERS ON TRANSMISSION CHARACTERISTICS OF HIMMF PIPE BREAKWATER WITH FIVE LAYERS. , 2011, , 853-860.		0
38	Relative Wave Run-Up Parameter Prediction of Emerged Semicircular Breakwater. Lecture Notes in Civil Engineering, 2021, , 867-878.	0.3	0