Sundar Vallam

List of Publications by Year
in descending order

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179	2,041	218381	329751
papers	citations	26 h-index	37 g-index

189	189	189	1202
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mooring forces and motion responses of pontoon-type floating breakwaters. Ocean Engineering, 1998, 25, 27-48.	1.9	122
2	Effects of bottom profile of an oscillating water column device on its hydrodynamic characteristics. Renewable Energy, 2016, 96, 341-353.	4.3	80
3	Interaction of regular waves with a group of dual porous circular cylinders. Applied Ocean Research, 2007, 29, 180-190.	1.8	69
4	Assessment of wave energy potential and its harvesting approach along the Indian coast. Renewable Energy, 2016, 99, 398-409.	4.3	56
5	Reflection characteristics of permeable seawalls. Coastal Engineering, 1994, 23, 135-150.	1.7	55
6	Performance of an array of oscillating water column devices integrated with an offshore detached breakwater. Ocean Engineering, 2018, 163, 518-532.	1.9	51
7	Numerical simulation of 2D sloshing waves due to horizontal and vertical random excitation. Applied Ocean Research, 2006, 28, 19-32.	1.8	49
8	Experimental study of liquid sloshing dynamics in a barge carrying tank. Fluid Dynamics Research, 2008, 40, 427-458.	0.6	48
9	Baseline Study on Microplastics in Indian Rivers under Different Anthropogenic Influences. Water (Switzerland), 2021, 13, 1648.	1.2	45
10	Application of double bounded probability density function for analysis of ocean waves. Ocean Engineering, 1989, 16, 193-200.	1.9	41
11	Current-induced scour around a vertical pile in cohesive soil. Ocean Engineering, 2003, 30, 893-920.	1.9	41
12	Wind-Wave Characteristics and Climate Variability in the Indian Ocean Region Using Altimeter Data. Marine Geodesy, 2013, 36, 303-318.	0.9	41
13	Simulation of 2-D nonlinear waves using finite element method with cubic spline approximation. Journal of Fluids and Structures, 2006, 22, 663-681.	1.5	39
14	Phase field lattice Boltzmann model for air-water two phase flows. Physics of Fluids, 2019, 31, .	1.6	38
15	The hydrodynamic behaviour of long floating structures in directional seas. Applied Ocean Research, 1995, 17, 233-243.	1.8	37
16	Diffractionâ€“radiation of multiple floating structures in directional waves. Ocean Engineering, 2001, 28, 201-234.	1.9	36
17	Wave induced forces around buried pipelines. Ocean Engineering, 2002, 29, 533-544.	1.9	35
18	Motion responses of barge carrying liquid tank. Ocean Engineering, 2010, 37, 935-946.	1.9	33

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19	Hydrodynamic characteristics of pile supported skirt breakwater models. Applied Ocean Research, 2011, 33, 12-22.	1.8	33
20	Manningâ€™s â€˜nâ€™ co-efficient for flexible emergent vegetation in tandem configuration. Journal of Hydro-Environment Research, 2012, 6, 51-62.	1.0	33
21	Investigations into efficiency of vortex induced vibration hydro-kinetic energy device. Energy, 2016, 109, 224-235.	4.5	33
22	Integration of wave energy and other marine renewable energy sources with the needs of coastal societies. The International Journal of Ocean and Climate Systems, 2017, 8, 19-36.	0.8	33
23	Hydrodynamic pressures and forces on quadrant front face pile supported breakwater. Ocean Engineering, 2002, 29, 193-214.	1.9	32
24	Assessment of reliability of extreme wave height prediction models. Natural Hazards and Earth System Sciences, 2017, 17, 409-421.	1.5	32
25	Hydrodynamic performance of a dual cylindrical caisson breakwater. Coastal Engineering, 2008, 55, 431-446.	1.7	31
26	Wave Forces on an Oscillating Water Column Device. Procedia Engineering, 2015, 116, 1019-1026.	1.2	28
27	Dynamic pressure distribution on a cylinder due to wave diffraction. Ocean Engineering, 1989, 16, 343-353.	1.9	26
28	Dynamic pressures and forces exerted on impermeable and seaside perforated semicircular breakwaters due to regular waves. Ocean Engineering, 2002, 29, 1981-2004.	1.9	26
29	Hydrodynamic coefficients for inclined cylinders. Ocean Engineering, 1998, 25, 277-294.	1.9	24
30	Effect of perforations and rubble mound height on wave transformation characteristics of surface piercing semicircular breakwaters. Ocean Engineering, 2009, 36, 1182-1198.	1.9	24
31	Hydrodynamic Performance Characteristics of Quadrant Front-Face Pile-Supported Breakwater. Journal of Waterway, Port, Coastal and Ocean Engineering, 2003, 129, 22-33.	0.5	22
32	Hydrodynamic Characteristics of Curved-Front Seawall Models Compared with Vertical Seawall under Regular Waves. Journal of Coastal Research, 2011, 277, 1103-1112.	0.1	22
33	Longshore Sediment Transport along the Coast of Kerala in Southwest India. Procedia Engineering, 2015, 116, 40-46.	1.2	21
34	Runup and Inundation along the Indian Peninsula, Including the Andaman Islands, due to Great Indian Ocean Tsunami. Journal of Waterway, Port, Coastal and Ocean Engineering, 2007, 133, 401-413.	0.5	19
35	Standing wave pressures due to regular and random waves on a vertical wall. Ocean Engineering, 1995, 22, 859-879.	1.9	18
36	Measurement of scour in cohesive soils around a vertical pile-simplified instrumentation and regression analysis. IEEE Journal of Oceanic Engineering, 2003, 28, 106-116.	2.1	17

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37	Hydrodynamic Performance of Single- and Double-Wave Screens. Journal of Waterway, Port, Coastal and Ocean Engineering, 2010, 136, 59-65.	0.5	17
38	Vortex-induced vibrations of elastically mounted circular cylinder at Re of the O(105). Journal of Fluids and Structures, 2015, 54, 503-521.	1.5	17
39	Experimental Investigations on Wave Transmission at Submerged Breakwater with Smooth and Stepped Slopes. Procedia Engineering, 2015, 116, 713-719.	1.2	17
40	Reassessment of tidal energy potential in India and a decision-making tool for tidal energy technology selection. The International Journal of Ocean and Climate Systems, 2017, 8, 85-97.	0.8	17
41	Detection of wave groups from the motion behaviour of a discus buoy. Journal of Hydro-Environment Research, 2008, 1, 195-205.	1.0	16
42	Enhancement of hydrodynamic performance of an Oscillating Water Column with harbour walls. Renewable Energy, 2019, 132, 142-156.	4.3	16
43	Performance of flexible emergent vegetation in staggered configuration as a mitigation measure for extreme coastal disasters. Natural Hazards, 2012, 62, 531-550.	1.6	15
44	Sloshing pressure variation in a barge carrying tank. Ships and Offshore Structures, 2008, 3, 185-203.	0.9	14
45	Artificial Reefs: A Review. The International Journal of Ocean and Climate Systems, 2013, 4, 117-124.	0.8	14
46	Wave characteristics off the South East Coast of India. Ocean Engineering, 1986, 13, 327-338.	1.9	13
47	Dynamic pressures and run-up on semicircular breakwaters due to random waves. Ocean Engineering, 1998, 25, 221-241.	1.9	13
48	Hydrodynamic Characteristics of Seaside Perforated Semicircular Breakwaters due to Random Waves. Journal of Waterway, Port, Coastal and Ocean Engineering, 2008, 134, 237-251.	0.5	12
49	Breaking Wave Impact Pressure on a Vertical Wall. The International Journal of Ocean and Climate Systems, 2010, 1, 155-166.	0.8	12
50	Comparison between measured and simulated shoreline changes near the tip of Indian peninsula. Journal of Hydro-Environment Research, 2011, 5, 157-167.	1.0	12
51	Wave forces on large offshore pipelines. Ocean Engineering, 1985, 12, 99-115.	1.9	11
52	Standing wave pressures on walls. Ocean Engineering, 2001, 28, 439-455.	1.9	11
53	Effect of vegetation on run-up and wall pressures due to cnoidal waves. Journal of Hydraulic Research/De Recherches Hydrauliques, 2011, 49, 562-567.	0.7	11
54	Wave Interaction with a Double Chamber Oscillating Water Column Device. The International Journal of Ocean and Climate Systems, 2013, 4, 21-39.	0.8	11

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55	Shoreline changes along the Northern coast of Chennai port, from field measurements. ISH Journal of Hydraulic Engineering, 2014, 20, 24-31.	1.1	11
56	Analysis of shoreline change between inlets along the coast of Chennai, India. Marine Georesources and Geotechnology, 0, , 1-10.	1.2	11
57	A comprehensive review on structural tsunami countermeasures. Natural Hazards, 2022, 113, 1419-1449.	1.6	11
58	Dynamic pressures on inclined cylinders due to freak waves. Ocean Engineering, 1999, 26, 841-863.	1.9	10
59	Regular Wave Measurements on a Submerged Semicircular Breakwater. Journal of Offshore Mechanics and Arctic Engineering, 2010, 132, .	0.6	10
60	Role of Vegetation on Beach Run-up due to Regular and Cnoidal Waves. Journal of Coastal Research, 2012, 278, 123-130.	0.1	10
61	Sediment budget for Paradip port, India. Ocean & Shoreline Management, 1990, 13, 69-81.	0.2	9
62	Diffracted wave field and dynamic pressures around a vertical cylinder. Ocean Engineering, 1990, 17, 125-154.	1.9	9
63	Pressures and forces on inclined cylinders due to regular waves. Ocean Engineering, 1995, 22, 747-759.	1.9	9
64	Wave forces and moments on an intake well. Ocean Engineering, 1998, 26, 363-380.	1.9	9
65	Conceptual Design of OWC Wave Energy Converters Combined With Breakwater Structures. , 2010, , .		9
66	Nonlinear wave interaction with curved front seawalls. Ocean Engineering, 2017, 140, 84-96.	1.9	9
67	Hydrodynamic characteristics of curved and vertical front face pile-supported breakwaters in regular waves. Ocean Engineering, 2020, 216, 108105.	1.9	9
68	Estimation of wave power potential along the Indian coastline. Energy, 1982, 7, 839-845.	4.5	8
69	Wave-Induced Pressures and Forces on Deck Slabs near the Free Surface. Journal of Waterway, Port, Coastal and Ocean Engineering, 2009, 135, 269-277.	0.5	8
70	Pressures and Forces on an Oscillating Water Columnâ€"Type Wave Energy Caisson Breakwater. Journal of Waterway, Port, Coastal and Ocean Engineering, 2017, 143, 04017020.	0.5	8
71	Hydrodynamic performance characteristics of an oscillating water column device integrated with a pile breakwater. Journal of Ocean Engineering and Marine Energy, 2021, 7, 229-241.	0.9	8
72	Directional spreading of waves in the nearshore zone. Ocean Engineering, 1998, 26, 161-188.	1.9	7

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73	GEOSYNTHETIC APPLICATION FOR COASTAL PROTECTION AT SHANKARPUR, WEST BENGAL, INDIA. , 2009, , .		7
74	Estimation of extreme wind speeds and wave heights along the regional waters of India. Ocean Engineering, 2017, 146, 170-177.	1.9	7
75	Flume confinement effect on wave-induced dynamic pressures on twin-tandem cylinders. Ocean Engineering, 1993, 20, 313-337.	1.9	6
76	A simplified instrumentation for measuring scour in silty clay around a vertical pile. Applied Ocean Research, 2002, 24, 355-360.	1.8	6
77	Forces due to oblique waves on a submerged open moored cylinder in deep waters. Ocean Engineering, 2005, 32, 651-666.	1.9	6
78	NWF: Propagation of Tsunami and its Interaction with Continental Shelf and Vertical Wall. Marine Geodesy, 2006, 29, 201-221.	0.9	6
79	Wave-induced sloshing pressure in a liquid tank under irregular waves. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2009, 223, 145-161.	0.3	6
80	Numerical modeling of nonlinear sloshing of liquid in a container coupled with barge subjected to regular excitation. Journal of Hydrodynamics, 2019, 31, 999-1010.	1.3	6
81	Wind climate for Madras Harbour, India. Journal of Wind Engineering and Industrial Aerodynamics, 1988, 31, 323-333.	1.7	5
82	Dynamic pressures on a large vertical cylinder due to random waves. Coastal Engineering, 1990, 14, 83-104.	1.7	5
83	Hydrodynamic characteristics of moored floating pipe breakwaters in random waves. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2003, 217, 95-110.	0.3	5
84	Review of the research on emerged and submerged semicircular breakwaters. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2012, 226, 397-409.	0.3	5
85	Liquid sloshing dynamics in a barge carrying container subjected to random wave excitation. Journal of Naval Architecture and Marine Engineering, 2012, 9, 43-65.	0.9	5
86	The effects of flexible vegetation on forces with a Keulegan-Carpenter number in relation to structures due to long waves. Journal of Marine Science and Application, 2012, 11, 24-33.	0.7	5
87	MANNING'S 'n' FOR STAGGERED FLEXIBLE EMERGENT VEGETATION. Journal of Earthquake and Tsunami, 2013, 07, 1250029.	0.7	5
88	Lattice Boltzmann simulation of free surface flow impact on a structure. Physical Review E, 2019, 99, 023308.	0.8	5
89	Influence of horizontal eddy viscosity and bottom friction coefficients on morphodynamic evaluations. Journal of Hydro-Environment Research, 2022, 40, 102-115.	1.0	5
90	Wave kinematics in a groin field-frequency domain analysis. Coastal Engineering, 1992, 18, 137-152.	1.7	4

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91	Tsunami Wave Interaction with Data Buoys. Marine Geodesy, 2006, 29, 235-251.	0.9	4
92	Simulation of nonlinear free surface dispersive shallow water waves. Journal of Hydro-Environment Research, 2007, 1, 126-132.	1.0	4
93	Dynamic pressures on curved front seawall models under random waves. Journal of Hydrodynamics, 2010, 22, 521-527.	1.3	4
94	Performance of a perforated submerged semicircular breakwater due to non-breaking waves. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2012, 226, 36-50.	0.3	4
95	Asymptotic Analysis of Sloshing in a Rectangular Tank. The International Journal of Ocean and Climate Systems, 2014, 5, 89-103.	0.8	4
96	Stability of micro-tidal inlets along coastlines dominated by littoral drift. Journal of Coastal Conservation, 2017, 21, 789-801.	0.7	4
97	Three-dimensional direct numerical simulation of flow induced by an oscillating sphere close to a plane boundary. Physics of Fluids, 2021, 33, 097106.	1.6	4
98	Laboratory Simulation and Analysis of Wave Groups. , 2006, , .		4
99	Interaction of Solitary Waves With a Group of Dual Porous Circular Cylinders. , 2008, , .		4
100	Hydrodynamic characteristics of curved front face pile-supported breakwaters in random waves. Applied Ocean Research, 2021, 117, 102922.	1.8	4
101	Wave-power potential off the South-East coast of India. Energy, 1987, 12, 171-175.	4.5	3
102	Regular wave pressures and forces on submerged pipelines near a sloping boundary. Ocean Engineering, 2004, 31, 2295-2317.	1.9	3
103	Identification of modal parameters of a floating system from impulse motion. Ocean Engineering, 2008, 35, 1560-1564.	1.9	3
104	Response Characteristics of a Discus Shaped Data Buoy in Nonlinear Waves. Coastal Engineering Journal, 2008, 50, 463-489.	0.7	3
105	COMPARISON OF PRESSURES DUE TO RANDOM WAVES ON VERTICAL AND CURVED SEAWALLS. ISH Journal of Hydraulic Engineering, 2010, 16, 26-34.	1.1	3
106	SENSITIVITY ANALYSIS OF RELATIONSHIP BETWEEN TSUNAMI DISASTER AND COASTAL EMBANKMENT STRUCTURE. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2014, 70, I_43-I_48.	0.0	3
107	Numerical simulation of sloshing in a rectangular tank under combined horizontal, vertical and rotational oscillations. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2016, 230, 95-113.	0.3	3
108	Influence of Harbour Wall on Pressure Variation in an Oscillating Water Column. Lecture Notes in Civil Engineering, 2019, , 751-763.	0.3	3

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109	Hydrodynamic characteristics of a submerged trapezoidal artificial reef unit. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2019, 233, 1226-1239.	0.3	3
110	Performance assessment of porous baffle on liquid sloshing dynamics in a barge carrying liquid tank. Ships and Offshore Structures, 0, , 1-14.	0.9	3
111	Very severe cyclonic storm impacts to shoreline and beach profiles along the Karaikal coast of India. ISH Journal of Hydraulic Engineering, 2022, 28, 439-448.	1.1	3
112	Shoreline changes due to construction of groyne field in north of Chennai Port, India. Environmental Monitoring and Assessment, 2021, 193, 830.	1.3	3
113	Hydrodynamic performance of concave front pile-supported breakwaters integrated with a louver wave screen. Ocean Engineering, 2022, 254, 111394.	1.9	3
114	Hydrodynamic Modelling of Storm Surge with Modified Wind Fields along the East Coast of India. Marine Geodesy, 2022, 45, 557-576.	0.9	3
115	Studies on wave-subsea pipeline interaction. Ocean Engineering, 1984, 11, 655-662.	1.9	2
116	Effect of a base structure on the wave forces and pressures on a vertical cylinder. Ocean Engineering, 1988, 15, 359-371.	1.9	2
117	Hydrodynamic Characteristics of Submerged Impermeable and Seaside Perforated Semicircular Breakwaters. , 2002, , 401.		2
118	Probability Distribution of Wave Forces on Pipelines Near a Sloping Boundary Parallel and Normal to Wave Direction. Coastal Engineering Journal, 2004, 46, 93-117.	0.7	2
119	Liquid Sloshing Dynamics in a Container Subjected to Coupled Mode Excitation. , 2008, , .		2
120	Pressures and forces due to directional waves on a vertical wall fronted by wave screens. Applied Ocean Research, 2010, 32, 1-10.	1.8	2
121	Identification of breaking events from the responses of a data buoy. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2010, 224, 127-139.	0.3	2
122	VELOCITY CALCULATION METHODS IN FINITE ELEMENT BASED MEL FORMULATION. Series on Quality, Reliability and Engineering Statistics, 2010, , 203-244.	0.2	2
123	Investigation on the Cyclonic Seastate along Southeast Coast of India. Marine Geodesy, 2015, 38, 58-78.	0.9	2
124	Shore protection for the coast of Mousuni Island in West Bengal, India. The International Journal of Ocean and Climate Systems, 2016, 7, 35-46.	0.8	2
125	Coastal Protection Along Vulnerable Stretches Along the South Indian Peninsula. , 2018, , 1327-1354.		2
126	Effect of Harbor Walls on the Efficiency of an Oscillating Water Column. Journal of Waterway, Port, Coastal and Ocean Engineering, 2018, 144, 04017043.	0.5	2

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127	Estimation and Analysis of Extreme Maximum Wave Heights. Lecture Notes in Civil Engineering, 2019, , 723-732.	0.3	2
128	Sustainable hard and soft measures for coastal protection â€“ Case studies along the Indian Coast. Marine Georesources and Geotechnology, 0, , 1-31.	1.2	2
129	Transmission and Reflection Characteristics of Perforated Submerged Single and Multiple Artificial Reef Units. Journal of Offshore Mechanics and Arctic Engineering, 2020, 142, .	0.6	2
130	Coastal Engineering. Advanced Series on Ocean Engineering, 2019, , .	0.1	2
131	Tidal inlet morphodynamics through numerical prediction and measurements. Marine Georesources and Geotechnology, 2022, 40, 1316-1327.	1.2	2
132	Hydrodynamic Characteristics of Concave Front Pile-Supported Breakwaters with a Tubular Wave Screen. Journal of Waterway, Port, Coastal and Ocean Engineering, 2022, 148, .	0.5	2
133	Longshore sediment transport rate from the field measured wave and sediment characteristics along the coast of Karaikal, India. ISH Journal of Hydraulic Engineering, 2023, 29, 557-568.	1.1	2
134	Wave induced dynamic pressures on a vertical cylinder in the diffraction regime. Journal of Hydraulic Research/De Recherches Hydrauliques, 1989, 27, 637-650.	0.7	1
135	Wave climate in a groin field. Ocean Engineering, 1992, 19, 413-426.	1.9	1
136	Asymmetries in waves and velocities in a groin field. Ocean Engineering, 1994, 21, 467-487.	1.9	1
137	Velocity fields in coastal waters. Marine Structures, 1995, 8, 309-333.	1.6	1
138	Sleeve forces on inclined cylinders due to long and short crested waves. Journal of Hydraulic Research/De Recherches Hydrauliques, 2002, 40, 275-287.	0.7	1
139	WAVE ATTENUATION CHARACTERISTICS OF CHAMBERED BREAKWATER. ISH Journal of Hydraulic Engineering, 2009, 15, 50-68.	1.1	1
140	Quantification of phase shift in the simulation of shallow water waves. International Journal for Numerical Methods in Fluids, 2010, 62, 1381-1410.	0.9	1
141	Effect of the Tidal Currents at the Amphidromes on the Characteristics of an N-Wave-Type Tsunami. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2011, 225, 43-59.	0.3	1
142	Simulation of Shoreline Evolution and Estimation of Alongshore Sediment Transport. , 2011, , .		1
143	A numerical study: liquid sloshing dynamics in a tank due to uncoupled sway, heave and roll ship motions. Journal of Naval Architecture and Marine Engineering, 2013, 10, 119-138.	0.9	1
144	Wave Power Absorption Capability of a Multi-Resonant Double Chamber Oscillating Water Column Device. Jurnal Teknologi (Sciences and Engineering), 2014, 66, .	0.3	1

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145	Stability of a micro-tidal inlet using semi-numerical approach. The International Journal of Ocean and Climate Systems, 2017, 8, 113-125.	0.8	1
146	Hydrodynamic characteristics of vertical and quadrant face pile supported breakwater under oblique waves. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2022, 236, 62-73.	0.3	1
147	WAVE INDUCED PRESSURES ON PIPELINES NEAR A SLOPING BOUNDARY DUE TO RANDOM WAVES. , 2002, , .		1
148	Experimental study on the hydrodynamic performance of an oscillating water column with frontal plates. Ocean Engineering, 2022, 258, 111658.	1.9	1
149	Studies on the effect of wave steepness on wave force coefficient for elliptical caissons. Ocean Engineering, 1986, 13, 321-326.	1.9	0
150	Distribution of Longshore Currents and Sediment Transport Rates in the Surf Zone Off Paradeep, India. , 1987, , .		0
151	Shore Protection against Erosion Along Southwest Coast of India. , 2005, , 335.		0
152	EXPERIMENTAL AND NUMERICAL STUDIES ON THE TSUNAMI WAVE CHARACTERISTICS. ISH Journal of Hydraulic Engineering, 2007, 13, 123-134.	1.1	0
153	Modeling of the Indian Ocean Tsunami. , 2007, , .		0
154	Nonlinear Response Characteristics of Discus Data Buoy Hull. , 2008, , .		0
155	Experimental Investigation of Sloshing Dynamics Coupled With Barge Responses. , 2009, , .		0
156	CLASSIFICATION OF OCEAN WAVES FROM THE DATA BUOY MEASUREMENTS. , 2009, , 31-40.		0
157	Identification of Suitable Grid Size for Accurate Computation of Run-up Height. The International Journal of Ocean and Climate Systems, 2010, 1, 223-237.	0.8	0
158	Empirical Equation for the Prediction of Run-Up Due to Random Waves on Beaches Fronted by Vegetation. Marine Geodesy, 2012, 35, 257-270.	0.9	0
159	Pressures on the Crown Wall of Breakwater Formed by New Armor Block KOLOS due to Regular Waves. Journal of Waterway, Port, Coastal and Ocean Engineering, 2013, 139, 518-526.	0.5	0
160	Wave Overtopping over Crown Walls and Run-up on Rubble Mound Breakwaters with Kolos Armour under Random Waves. The International Journal of Ocean and Climate Systems, 2013, 4, 125-132.	0.8	0
161	A Load Cell for the Measurement of Slack Mooring Forces. Journal of the Institution of Engineers (India): Series C, 2014, 95, 193-205.	0.7	0
162	Integrated Solution For Coastal Protection And Wave Energy Extraction. , 2018, , .		0

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163	An Experimental Study on Wave Forces and Pressures on an Oscillating Water Column Under Random Waves. , 2019, , .		0
164	Wave Energy Convertors. Ocean Engineering & Oceanography, 2022, , 19-57.	0.1	0
165	Hydrodynamic Performance of an Array of OWC Devices Integrated with Breakwater. Ocean Engineering & Oceanography, 2022, , 323-353.	0.1	0
166	Effect of Seaward Side Wave Screens on the Dynamic Pressures on a Vertical Wall. , 2002, , .		0
167	Wave Induced Pressures on Pipelines Near a Sloping Boundary Due to Regular Waves. , 2002, , .		0
168	FORCES EXERTED ON SEASIDE PERFORATED SEMICIRCULAR BREAKWATERS DUE TO REGULAR AND RANDOM WAVES. , 2002, , .		0
169	Wave Damping by Single and Double Chamber Breakwaters. , 2003, , .		0
170	Studies on Model Caissons Embedded in Marine Clay for Coastal Protection Wall. , 2004, , .		0
171	WAVE TRANSMISSION THROUGH DOUBLE VERTICAL SCREEN BREAKWATERS. , 2004, , .		0
172	ENERGY DISSIPATION BY WAVE SCREENS DUE TO OBLIQUE WAVE INCIDENCE. , 2009, , .		0
173	RUN-UP AND DYNAMIC PRESSURE ON VERTICAL AND CURVED SEAWALL MODELS DUE TO CNOIDAL WAVES. , 2009, , .		0
174	Hydrodynamic Performance of Pile Supported Breakwatersâ€"A Review. , 2020, , 929-935.		0
175	Design of a Minor Fishing Harbor in India with Special Reference to Training of the Mouth of River Chapora. Lecture Notes in Civil Engineering, 2021, , 65-77.	0.3	0
176	Submerged Geosynthetic Reef as Shore Protection Measure for Islands. Journal of Marine Science and Application, 2022, 21, 128-139.	0.7	0
177	Development of Extreme Wave Maps for Indian Territorial Waters. , 2022, , .		0
178	Numerical Investigation on the Mean Flow Fields Generated by an Oscillating Sphere. , 2022, , .		0
179	CONGREGATION OF PARTICLES ON A PLANE BOUNDARY DUE TO THE FLOW INDUCED BY AN OSCILLATING SPHERE. Physics of Fluids, 0, , .	1.6	0