

Surendran Sankunny

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Life-cycle cost (LCC) based design procedure to determine the optimal design parameters and target reliability under nonlinear deformation for marine installations. <i>Ships and Offshore Structures</i> , 2021, 16, 397-409.	1.9	4
2	A simplified approach for voyage analysis of fouled hull in a tropical marine environment. <i>Ships and Offshore Structures</i> , 2020, , 1-11.	1.9	2
3	A Review of Recent Advances in Nanoengineered Polymer Composites. <i>Polymers</i> , 2019, 11, 644.	4.5	48
4	Response of welded aluminium alloy plates for ballistic loads. <i>Ships and Offshore Structures</i> , 2018, 13, 594-600.	1.9	4
5	Numerical and experimental study on varying cross-section of moonpool for a drill ship. <i>Ships and Offshore Structures</i> , 2017, 12, 885-892.	1.9	10
6	Response of CMT Welded Aluminum AA5086-H111 to AA6061-T6 Plate with AA4043 Filler for Ballistic. <i>Procedia Engineering</i> , 2017, 194, 522-528.	1.2	9
7	Application of fin system to reduce pitch motion. <i>International Journal of Naval Architecture and Ocean Engineering</i> , 2016, 8, 409-421.	2.3	9
8	Computer and experimental simulations on the fin effect on ship resistance. <i>Ships and Offshore Structures</i> , 2015, 10, 122-131.	1.9	8
9	Effect of mono and composite coating on dynamic fracture toughness of metals at different temperatures. <i>Composites Part B: Engineering</i> , 2013, 51, 359-367.	12.0	4
10	Design and analysis of composite panel for impact loads in marine environment. <i>Ships and Offshore Structures</i> , 2013, 8, 597-606.	1.9	10
11	Dynamic fracture toughness of aluminium 6063 with multilayer composite patching at lower temperatures. <i>Ships and Offshore Structures</i> , 2013, 8, 163-175.	1.9	6
12	Experiments to determine thruster design parameters of a moored floating platform. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013, 46, 179-184.	0.4	0
13	Model tests on the moored vessel with different moonpool shapes. <i>Ocean Systems Engineering</i> , 2013, 3, 137-147.	0.5	3
14	Effect of Pretension on Moored Ship Response. <i>International Journal of Ocean System Engineering</i> , 2013, 3, 175-187.	0.3	0
15	Dynamic Fracture Toughness of Coated Structural Components at Different Temperatures. , 2012, , .		1
16	Reduction in the dynamic amplitudes of moored cable systems. <i>Ships and Offshore Structures</i> , 2009, 4, 145-163.	1.9	10
17	Algorithms to control the moving ship during harbour entry. <i>Applied Mathematical Modelling</i> , 2009, 33, 2474-2490.	4.2	36
18	Control of ship roll motion by active fins using fuzzy logic. <i>Ships and Offshore Structures</i> , 2007, 2, 11-20.	1.9	8

#	ARTICLE	IF	CITATIONS
19	Studies on an algorithm to control the roll motion using active fins. Ocean Engineering, 2007, 34, 542-551.	4.3	44
20	Simplified model for predicting the onset of parametric rolling. Ocean Engineering, 2007, 34, 630-637.	4.3	11
21	Technical note Studies on the feasibilities of control of ship roll using fins. Ships and Offshore Structures, 2006, 1, 357-365.	1.9	7
22	Studies on pullout capacity of anchors in marine clays for mooring systems. Applied Ocean Research, 2006, 28, 103-111.	4.1	34
23	Non-linear analysis of a dynamically positioned platform in stochastic seaway. Ocean Engineering, 2006, 33, 878-894.	4.3	5
24	Experimental studies on the slowly varying drift motion of a berthed container ship model. Ocean Engineering, 2006, 33, 2454-2465.	4.3	7
25	Roll performance of a small fishing vessel with live fish tank. Ocean Engineering, 2005, 32, 1873-1885.	4.3	12
26	Non-linear roll dynamics of a Ro-Ro ship in waves. Ocean Engineering, 2005, 32, 1818-1828.	4.3	20
27	Numerical simulation of ship stability for dynamic environment. Ocean Engineering, 2003, 30, 1305-1317.	4.3	40
28	Handling and launching of heavy concrete caissons in a marine environment. Ocean Engineering, 2000, 27, 655-665.	4.3	0
29	Dynamic Tension Analysis of Surface Towing System. Journal of the Society of Naval Architects of Japan, 1994, 1994, 241-250.	0.2	2