

Surendran Sankunny

List of Publications by Year in descending order

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29
times ranked

309
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Recent Advances in Nanoengineered Polymer Composites. <i>Polymers</i> , 2019, 11, 644.	4.5	48
2	Studies on an algorithm to control the roll motion using active fins. <i>Ocean Engineering</i> , 2007, 34, 542-551.	4.3	44
3	Numerical simulation of ship stability for dynamic environment. <i>Ocean Engineering</i> , 2003, 30, 1305-1317.	4.3	40
4	Algorithms to control the moving ship during harbour entry. <i>Applied Mathematical Modelling</i> , 2009, 33, 2474-2490.	4.2	36
5	Studies on pullout capacity of anchors in marine clays for mooring systems. <i>Applied Ocean Research</i> , 2006, 28, 103-111.	4.1	34
6	Non-linear roll dynamics of a Ro-Ro ship in waves. <i>Ocean Engineering</i> , 2005, 32, 1818-1828.	4.3	20
7	Roll performance of a small fishing vessel with live fish tank. <i>Ocean Engineering</i> , 2005, 32, 1873-1885.	4.3	12
8	Simplified model for predicting the onset of parametric rolling. <i>Ocean Engineering</i> , 2007, 34, 630-637.	4.3	11
9	Reduction in the dynamic amplitudes of moored cable systems. <i>Ships and Offshore Structures</i> , 2009, 4, 145-163.	1.9	10
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	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
12	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
13	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
14	Control of ship roll motion by active fins using fuzzy logic. <i>Ships and Offshore Structures</i> , 2007, 2, 11-20.	1.9	8
15	Computer and experimental simulations on the fin effect on ship resistance. <i>Ships and Offshore Structures</i> , 2015, 10, 122-131.	1.9	8
16	Technical note Studies on the feasibilities of control of ship roll using fins. <i>Ships and Offshore Structures</i> , 2006, 1, 357-365.	1.9	7
17	Experimental studies on the slowly varying drift motion of a berthed container ship model. <i>Ocean Engineering</i> , 2006, 33, 2454-2465.	4.3	7
18	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

#	ARTICLE	IF	CITATIONS
19	Non-linear analysis of a dynamically positioned platform in stochastic seaway. Ocean Engineering, 2006, 33, 878-894.	4.3	5
20	Effect of mono and composite coating on dynamic fracture toughness of metals at different temperatures. Composites Part B: Engineering, 2013, 51, 359-367.	12.0	4
21	Response of welded aluminium alloy plates for ballistic loads. Ships and Offshore Structures, 2018, 13, 594-600.	1.9	4
22	Life-cycle cost (LCC) based design procedure to determine the optimal design parameters and target reliability under nonlinear deformation for marine installations. Ships and Offshore Structures, 2021, 16, 397-409.	1.9	4
23	Model tests on the moored vessel with different moonpool shapes. Ocean Systems Engineering, 2013, 3, 137-147.	0.5	3
24	A simplified approach for voyage analysis of fouled hull in a tropical marine environment. Ships and Offshore Structures, 2020, , 1-11.	1.9	2
25	Dynamic Tension Analysis of Surface Towing System. Journal of the Society of Naval Architects of Japan, 1994, 1994, 241-250.	0.2	2
26	Dynamic Fracture Toughness of Coated Structural Components at Different Temperatures. , 2012, , .		1
27	Handling and launching of heavy concrete caissons in a marine environment. Ocean Engineering, 2000, 27, 655-665.	4.3	0
28	Experiments to determine thruster design parameters of a moored floating platform. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 179-184.	0.4	0
29	Effect of Pretension on Moored Ship Response. International Journal of Ocean System Engineering, 2013, 3, 175-187.	0.3	0