

S Surendran

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

234
citations

1163117

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996975

15
g-index

19
all docs

19
docs citations

19
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies on an algorithm to control the roll motion using active fins. Ocean Engineering, 2007, 34, 542-551.	4.3	44
2	Numerical simulation of ship stability for dynamic environment. Ocean Engineering, 2003, 30, 1305-1317.	4.3	40
3	Algorithms to control the moving ship during harbour entry. Applied Mathematical Modelling, 2009, 33, 2474-2490.	4.2	36
4	Non-linear roll dynamics of a Ro-Ro ship in waves. Ocean Engineering, 2005, 32, 1818-1828.	4.3	20
5	Roll performance of a small fishing vessel with live fish tank. Ocean Engineering, 2005, 32, 1873-1885.	4.3	12
6	Simplified model for predicting the onset of parametric rolling. Ocean Engineering, 2007, 34, 630-637.	4.3	11
7	Reduction in the dynamic amplitudes of moored cable systems. Ships and Offshore Structures, 2009, 4, 145-163.	1.9	10
8	Numerical and experimental study on varying cross-section of moonpool for a drill ship. Ships and Offshore Structures, 2017, 12, 885-892.	1.9	10
9	Application of fin system to reduce pitch motion. International Journal of Naval Architecture and Ocean Engineering, 2016, 8, 409-421.	2.3	9
10	Control of ship roll motion by active fins using fuzzy logic. Ships and Offshore Structures, 2007, 2, 11-20.	1.9	8
11	Computer and experimental simulations on the fin effect on ship resistance. Ships and Offshore Structures, 2015, 10, 122-131.	1.9	8
12	Technical note Studies on the feasibilities of control of ship roll using fins. Ships and Offshore Structures, 2006, 1, 357-365.	1.9	7
13	Experimental studies on the slowly varying drift motion of a berthed container ship model. Ocean Engineering, 2006, 33, 2454-2465.	4.3	7
14	Non-linear analysis of a dynamically positioned platform in stochastic seaway. Ocean Engineering, 2006, 33, 878-894.	4.3	5
15	Model tests on the moored vessel with different moonpool shapes. Ocean Systems Engineering, 2013, 3, 137-147.	0.5	3
16	A simplified approach for voyage analysis of fouled hull in a tropical marine environment. Ships and Offshore Structures, 2020, , 1-11.	1.9	2
17	Dynamic Tension Analysis of Surface Towing System. Journal of the Society of Naval Architects of Japan, 1994, 1994, 241-250.	0.2	2
18	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

#	ARTICLE	IF	CITATIONS
19	Effect of Pretension on Moored Ship Response. International Journal of Ocean System Engineering, 2013, 3, 175-187.	0.3	0