

Alberto Francescutto

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

412
citations

687363

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839539

18
g-index

19
all docs

19
docs citations

19
times ranked

299
citing authors

#	ARTICLE	IF	CITATIONS
1	Cavitation activity stimulation by low frequency field pulses. Ultrasonics Sonochemistry, 2000, 7, 213-216.	8.2	51
2	Bifurcations in ship rolling: experimental results and parameter identification technique. Ocean Engineering, 1999, 26, 1095-1123.	4.3	43
3	On damping models in free and forced rolling motion. Ocean Engineering, 1982, 9, 171-179.	4.3	36
4	Head-wave parametric rolling of a surface combatant. Ocean Engineering, 2010, 37, 859-878.	4.3	35
5	Theoretical, numerical and experimental study on the problem of ergodicity and "practical ergodicity"™ with an application to parametric roll in longitudinal long crested irregular sea. Ocean Engineering, 2006, 33, 1007-1043.	4.3	32
6	Qualitative and quantitative characteristics of parametric ship rolling in random waves in the light of physical model experiments. Ocean Engineering, 2008, 35, 1661-1675.	4.3	31
7	Coupled simulation of nonlinear ship motions and a free surface tank. Ocean Engineering, 2016, 120, 281-288.	4.3	29
8	Steady-state oscillations of gas bubbles in liquids: Explicit formulas for frequency response curves. Journal of the Acoustical Society of America, 1983, 73, 457-460.	1.1	24
9	Intact stability criteria of ships " Past, present and future. Ocean Engineering, 2016, 120, 312-317.	4.3	23
10	On the effectiveness of constant coefficients roll motion equation. Ocean Engineering, 1996, 23, 597-618.	4.3	21
11	An Experimental Investigation of Parametric Rolling in Head Waves. Journal of Offshore Mechanics and Arctic Engineering, 2001, 123, 65-69.	1.2	21
12	Effect of roll modelling in beam waves under multi-frequency excitation. Ocean Engineering, 2011, 38, 1448-1463.	4.3	21
13	Second Generation Intact Stability Criteria: on the validation of codes for direct stability assessment in the framework of an example application. Polish Maritime Research, 2013, 20, 52-61.	1.9	14
14	Stability and roll motion of fast multihull vessels in beam waves. Ships and Offshore Structures, 2008, 3, 215-228.	1.9	10
15	Review of Available Methods for Application to Second Level Vulnerability Criteria. Fluid Mechanics and Its Applications, 2011, , 3-23.	0.2	7
16	Subharmonic oscillations in nonlinear rolling. Ocean Engineering, 1984, 11, 663-669.	4.3	6
17	Study of trimaran stability in longitudinal waves. Ships and Offshore Structures, 2011, 6, 265-271.	1.9	4
18	Trimaran Vessels and Parametric Roll. , 2012, , 63-89.		2

#	ARTICLE	IF	CITATIONS
19	Acoustic cavitation thresholds in NaCl-water solutions. Houille Blanche, 1992, 78, 535-538.	0.3	2