

Alberto Francescutto

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

412
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687363

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839539

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19
docs citations

19
times ranked

299
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Coupled simulation of nonlinear ship motions and a free surface tank. Ocean Engineering, 2016, 120, 281-288. | 4.3 | 29 |
| 2 | Intact stability criteria of ships “ Past, present and future. Ocean Engineering, 2016, 120, 312-317. | 4.3 | 23 |
| 3 | 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 |
| 4 | Trimaran Vessels and Parametric Roll. , 2012, , 63-89. | | 2 |
| 5 | Study of trimaran stability in longitudinal waves. Ships and Offshore Structures, 2011, 6, 265-271. | 1.9 | 4 |
| 6 | Effect of roll modelling in beam waves under multi-frequency excitation. Ocean Engineering, 2011, 38, 1448-1463. | 4.3 | 21 |
| 7 | Review of Available Methods for Application to Second Level Vulnerability Criteria. Fluid Mechanics and Its Applications, 2011, , 3-23. | 0.2 | 7 |
| 8 | Head-wave parametric rolling of a surface combatant. Ocean Engineering, 2010, 37, 859-878. | 4.3 | 35 |
| 9 | 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 |
| 10 | Stability and roll motion of fast multihull vessels in beam waves. Ships and Offshore Structures, 2008, 3, 215-228. | 1.9 | 10 |
| 11 | 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 |
| 12 | An Experimental Investigation of Parametric Rolling in Head Waves. Journal of Offshore Mechanics and Arctic Engineering, 2001, 123, 65-69. | 1.2 | 21 |
| 13 | Cavitation activity stimulation by low frequency field pulses. Ultrasonics Sonochemistry, 2000, 7, 213-216. | 8.2 | 51 |
| 14 | Bifurcations in ship rolling: experimental results and parameter identification technique. Ocean Engineering, 1999, 26, 1095-1123. | 4.3 | 43 |
| 15 | On the effectiveness of constant coefficients roll motion equation. Ocean Engineering, 1996, 23, 597-618. | 4.3 | 21 |
| 16 | Acoustic cavitation thresholds in NaCl-water solutions. Houille Blanche, 1992, 78, 535-538. | 0.3 | 2 |
| 17 | Subharmonic oscillations in nonlinear rolling. Ocean Engineering, 1984, 11, 663-669. | 4.3 | 6 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | On damping models in free and forced rolling motion. Ocean Engineering, 1982, 9, 171-179. | 4.3 | 36 |