

JÃ,rgen Juncher Jensen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

579
citations

623734

14
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

371
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of ship motions using closed-form expressions. Ocean Engineering, 2004, 31, 61-85.	4.3	80
2	Extreme response predictions for jack-up units in second order stochastic waves by FORM. Probabilistic Engineering Mechanics, 2006, 21, 330-337.	2.7	75
3	Efficient estimation of extreme non-linear roll motions using the first-order reliability method (FORM). Journal of Marine Science and Technology, 2007, 12, 191-202.	2.9	56
4	Measurements in a container ship of wave-induced hull girder stresses in excess of design values. Marine Structures, 2014, 37, 54-85.	3.8	45
5	Onboard monitoring of fatigue damage rates in the hull girder. Marine Structures, 2011, 24, 182-206.	3.8	37
6	Estimation of wind sea and swell using shipboard measurements – A refined parametric modelling approach. Applied Ocean Research, 2016, 54, 73-86.	4.1	36
7	Conditional second-order short-crested water waves applied to extreme wave episodes. Journal of Fluid Mechanics, 2005, 545, 29.	3.4	34
8	Extreme value predictions using Monte Carlo simulations with artificially increased load spectrum. Probabilistic Engineering Mechanics, 2011, 26, 399-404.	2.7	29
9	A novel approach for navigational guidance of ships using onboard monitoring systems. Ocean Engineering, 2011, 38, 444-455.	4.3	27
10	Global hydroelastic model for springing and whipping based on a free-surface CFD code (OpenFOAM). International Journal of Naval Architecture and Ocean Engineering, 2014, 6, 1024-1040.	2.3	27
11	Parametric roll due to hull instantaneous volumetric changes and speed variations. Ocean Engineering, 2009, 36, 891-899.	4.3	24
12	Dynamic amplification of offshore steel platform responses due to non-Gaussian wave loads. Marine Structures, 1994, 7, 91-105.	3.8	22
13	Wave loads on ships sailing in restricted water depth. Marine Structures, 2003, 16, 469-485.	3.8	18
14	Non-linear springing excitation due to a bidirectional wave field. Marine Structures, 2005, 18, 332-358.	3.8	14
15	Fatigue damage estimation in non-linear systems using a combination of Monte Carlo simulation and the First Order Reliability Method. Marine Structures, 2015, 44, 203-210.	3.8	12
16	Conditional Stochastic Processes Applied to Wave Load Predictions*. Journal of Ship Research, 2015, 59, 1-10.	1.1	12
17	Mechanical Characteristics of Some Deepwater Floater Designs for Offshore Wind Turbines. Wind Engineering, 2006, 30, 417-430.	1.9	8
18	Stochastic procedures for extreme wave induced responses in flexible ships. International Journal of Naval Architecture and Ocean Engineering, 2014, 6, 1148-1159.	2.3	7

#	ARTICLE	IF	CITATIONS
19	Slamming Simulations in a Conditional Wave. , 2012, , .		5
20	Zero-moment ellipsoidal domes. International Journal of Solids and Structures, 1974, 10, 1431-1443.	2.7	4
21	On the Effect of Hull Girder Flexibility on the Vertical Wave Bending Moment for Ultra Large Container Vessels. , 2012, , .		3
22	Harmonic vibrations of pretwisted plates. International Journal of Solids and Structures, 1973, 9, 1117-1131.	2.7	2
23	Probability of Parametric Roll in Random Seaways. , 2012, , 91-105.		2