Neven Hadžić

List of Publications by Year
in descending order

33	247	1163117	996975
papers	citations	8	15
		h-index	g-index

33	33	33	207
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modified Mindlin plate theory and shear locking-free finite element formulation. Mechanics Research Communications, 2014, 55, 95-104.	1.8	32
2	Some aspects of structural modelling and restoring stiffness in hydroelastic analysis of large container ships. Ships and Offshore Structures, 2014, 9, 199-217.	1.9	29
3	Global hydroelastic analysis of ultra large container ships by improved beam structural model. International Journal of Naval Architecture and Ocean Engineering, 2014, 6, 1041-1063.	2.3	28
4	Offshore renewable energy in the Adriatic Sea with respect to the Croatian 2020 energy strategy. Renewable and Sustainable Energy Reviews, 2014, 40, 597-607.	16.4	27
5	Formulation of consistent nonlinear restoring stiffness for dynamic analysis of tension leg platform and its influence on response. Marine Structures, 2013, 30, 1-32.	3.8	18
6	Analytical procedures for torsional vibration analysis of ship power transmission system. Engineering Structures, 2019, 178, 227-244.	5.3	16
7	FEASIBILITY OF INVESTMENT IN RENEWABLE ENERGY SYSTEMS FOR SHIPYARDS. Brodogradnja, 2018, 69, 1-16.	1.9	12
8	New first order shear deformation beam theory with in-plane shear influence. Engineering Structures, 2016, 110, 169-183.	5.3	9
9	Analytical Solution of the serial Bernoulli production line steady-state performance and its application in the shipbuilding process. International Journal of Production Research, 2019, 57, 1052-1065.	7.5	8
10	Finite element formulation of different restoring stiffness issues in the ship hydroelastic analysis and their influence on response. Ocean Engineering, 2013, 59, 198-213.	4.3	7
11	Harmonic loading of horizontal axis tidal turbines due to non-uniform stream profile. Ocean Engineering, 2014, 91, 196-207.	4.3	7
12	An approximate analytical procedure for natural vibration analysis of free rectangular plates. Thin-Walled Structures, 2015, 95, 101-114.	5.3	7
13	Biofouling dynamic and its impact on ship powering and dry-docking. Ocean Engineering, 2022, 245, 110522.	4.3	6
14	An Analytical Solution to Free Rectangular Plate Natural Vibrations by Beam Modes – Ordinary and Missing Plate Modes. Transactions of Famena, 2016, 40, 1-18.	0.6	5
15	A Finite State Method in the Performance Evaluation of the Bernoulli Serial Production Lines. Applied Sciences (Switzerland), 2020, 10, 6602.	2.5	5
16	Dynamic finite element formulations for moderately thick plate vibrations based on the modified Mindlin theory. Engineering Structures, 2017, 136, 100-113.	5.3	4
17	A finite state method in improvement and design of lean Bernoulli serial production lines. Computers and Industrial Engineering, 2021, 159, 107449.	6.3	4
18	ANALYTICAL SOLUTION OF STEADY-STATE BEHAVIOR OF BERNOULLI PRODUCTION LINE WITH TWO FINITE BUFFERS. Brodogradnja, 2017, 68, 85-102.	1.9	3

#	Article	IF	Citations
19	Accuracy of Semi-Analytical and Numerical Approaches in the Evaluation of Serial Bernoulli Production Lines. Mathematics, 2021, 9, 1461.	2.2	3
20	The Bernoulli splitting line: analytical and semi-analytical evaluation of the steady-state performance. International Journal of Production Research, 0, , 1-25.	7.5	3
21	Off shore Wind Power Plant in the Adriatic Sea: An Opportunity for the Croatian Economy. Transactions on Maritime Science, 2014, 3, 103-110.	0.6	3
22	Nonlocal vibration of a carbon nanotube embedded in an elastic medium due to moving nanoparticle analyzed by modified Timoshenko beam theory-parametric excitation and spectral response. Journal of the Mechanical Behavior of Materials, 2014, 23, 109-128.	1.8	2
23	Computational model of simultaneous wave and sea current loads on tidal turbines. Ocean Engineering, 2019, 184, 323-331.	4.3	2
24	Analysis of elastic-plastic steel plates forming based on typical shipyard's roller bending machine. Ocean Engineering, 2019, 190, 106438.	4.3	2
25	Optimization procedure for liquid natural gas carrier structural design. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2015, 229, 14-35.	0.5	1
26	Current state and perspectives of the Croatian shipbuilding industry. Journal of Naval Architecture and Marine Engineering, 2015, 12, 33-42.	1.2	1
27	Conforming shear-locking-free four-node rectangular finite element of moderately thick plate. Journal of the Mechanical Behavior of Materials, 2016, 25, 141-152.	1.8	1
28	Vibration analysis of thin circular plates with multiple openings by the assumed mode method. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2017, 231, 70-85.	0.5	1
29	Wind load assessment in marine and offshore engineering standards. Ocean Engineering, 2022, 252, 110872.	4.3	1
30	Offshore Wind Turbines â€" Research and Development. Journal of Maritime & Transportation Science, 2018, 2, 59-70.	0.1	0
31	Contribution of the Croatian Academy of Sciences and Arts to the Development of Marine Technology in Croatia. Journal of Maritime & Transportation Science, 2018, 2, 15-28.	0.1	0
32	Application of Semi-Analytical Methods in Production Systems Engineering. Tehnički Glasnik, 2020, 14, 360-364.	0.7	0
33	Statistical Evaluation of Semi-Analytical, Analytical, and Numerical Models of the Serial Production Lines. Tehnički Glasnik, 2021, 15, 417-421.	0.7	0