

Neven Hadžić

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8995154/publications.pdf>

Version: 2024-02-01

33
papers

247
citations

1163117

8
h-index

996975

15
g-index

33
all docs

33
docs citations

33
times ranked

207
citing authors

#	ARTICLE	IF	CITATIONS
1	Biofouling dynamic and its impact on ship powering and dry-docking. Ocean Engineering, 2022, 245, 110522.	4.3	6
2	Wind load assessment in marine and offshore engineering standards. Ocean Engineering, 2022, 252, 110872.	4.3	1
3	Accuracy of Semi-Analytical and Numerical Approaches in the Evaluation of Serial Bernoulli Production Lines. Mathematics, 2021, 9, 1461.	2.2	3
4	Statistical Evaluation of Semi-Analytical, Analytical, and Numerical Models of the Serial Production Lines. Tehnički Glasnik, 2021, 15, 417-421.	0.7	0
5	A finite state method in improvement and design of lean Bernoulli serial production lines. Computers and Industrial Engineering, 2021, 159, 107449.	6.3	4
6	Application of Semi-Analytical Methods in Production Systems Engineering. Tehnički Glasnik, 2020, 14, 360-364.	0.7	0
7	A Finite State Method in the Performance Evaluation of the Bernoulli Serial Production Lines. Applied Sciences (Switzerland), 2020, 10, 6602.	2.5	5
8	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
9	Computational model of simultaneous wave and sea current loads on tidal turbines. Ocean Engineering, 2019, 184, 323-331.	4.3	2
10	Analysis of elastic-plastic steel plates forming based on typical shipyard's roller bending machine. Ocean Engineering, 2019, 190, 106438.	4.3	2
11	Analytical procedures for torsional vibration analysis of ship power transmission system. Engineering Structures, 2019, 178, 227-244.	5.3	16
12	Offshore Wind Turbines – Research and Development. Journal of Maritime & Transportation Science, 2018, 2, 59-70.	0.1	0
13	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
14	FEASIBILITY OF INVESTMENT IN RENEWABLE ENERGY SYSTEMS FOR SHIPYARDS. Brodogradnja, 2018, 69, 1-16.	1.9	12
15	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
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	ANALYTICAL SOLUTION OF STEADY-STATE BEHAVIOR OF BERNOULLI PRODUCTION LINE WITH TWO FINITE BUFFERS. Brodogradnja, 2017, 68, 85-102.	1.9	3
18	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

#	ARTICLE	IF	CITATIONS
19	Conforming shear-locking-free four-node rectangular finite element of moderately thick plate. <i>Journal of the Mechanical Behavior of Materials</i> , 2016, 25, 141-152.	1.8	1
20	New first order shear deformation beam theory with in-plane shear influence. <i>Engineering Structures</i> , 2016, 110, 169-183.	5.3	9
21	Optimization procedure for liquid natural gas carrier structural design. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2015, 229, 14-35.	0.5	1
22	Current state and perspectives of the Croatian shipbuilding industry. <i>Journal of Naval Architecture and Marine Engineering</i> , 2015, 12, 33-42.	1.2	1
23	An approximate analytical procedure for natural vibration analysis of free rectangular plates. <i>Thin-Walled Structures</i> , 2015, 95, 101-114.	5.3	7
24	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. <i>Journal of the Mechanical Behavior of Materials</i> , 2014, 23, 109-128.	1.8	2
25	Global hydroelastic analysis of ultra large container ships by improved beam structural model. <i>International Journal of Naval Architecture and Ocean Engineering</i> , 2014, 6, 1041-1063.	2.3	28
26	Modified Mindlin plate theory and shear locking-free finite element formulation. <i>Mechanics Research Communications</i> , 2014, 55, 95-104.	1.8	32
27	Some aspects of structural modelling and restoring stiffness in hydroelastic analysis of large container ships. <i>Ships and Offshore Structures</i> , 2014, 9, 199-217.	1.9	29
28	Harmonic loading of horizontal axis tidal turbines due to non-uniform stream profile. <i>Ocean Engineering</i> , 2014, 91, 196-207.	4.3	7
29	Offshore renewable energy in the Adriatic Sea with respect to the Croatian 2020 energy strategy. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 40, 597-607.	16.4	27
30	Off shore Wind Power Plant in the Adriatic Sea: An Opportunity for the Croatian Economy. <i>Transactions on Maritime Science</i> , 2014, 3, 103-110.	0.6	3
31	Formulation of consistent nonlinear restoring stiffness for dynamic analysis of tension leg platform and its influence on response. <i>Marine Structures</i> , 2013, 30, 1-32.	3.8	18
32	Finite element formulation of different restoring stiffness issues in the ship hydroelastic analysis and their influence on response. <i>Ocean Engineering</i> , 2013, 59, 198-213.	4.3	7
33	The Bernoulli splitting line: analytical and semi-analytical evaluation of the steady-state performance. <i>International Journal of Production Research</i> , 0, , 1-25.	7.5	3