Marko Tomic

List of Publications by Year in descending order

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Version: 2024-02-01

17	242	1040056	940533
papers	citations	9	16
		h-index	g-index

17	17	17	188
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An advanced theory of moderately thick plate vibrations. Journal of Sound and Vibration, 2013, 332, 1868-1880.	3.9	44
2	An explicit formulation for restoring stiffness and its performance in ship hydroelasticity. Ocean Engineering, 2008, 35, 1322-1338.	4.3	29
3	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
4	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
5	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
6	On new first-order shear deformation plate theories. Mechanics Research Communications, 2016, 73, 31-38.	1.8	14
7	FEASIBILITY OF INVESTMENT IN RENEWABLE ENERGY SYSTEMS FOR SHIPYARDS. Brodogradnja, 2018, 69, 1-16.	1.9	12
8	Formulation of consistent restoring stiffness in ship hydroelastic analysis. Journal of Engineering Mathematics, 2012, 72, 141-157.	1.2	11
9	Analytical Solution for Free Vibrations of a Moderately Thick Rectangular Plate. Mathematical Problems in Engineering, 2013, 2013, 1-13.	1.1	11
10	New first order shear deformation beam theory with in-plane shear influence. Engineering Structures, 2016, 110, 169-183.	5.3	9
11	Investigation of torsion, warping and distortion of large container ships. Ocean Systems Engineering, 2011, 1, 73-93.	0.5	9
12	An approximate analytical procedure for natural vibration analysis of free rectangular plates. Thin-Walled Structures, 2015, 95, 101-114.	5.3	7
13	An Analytical Solution to Free Rectangular Plate Natural Vibrations by Beam Modes â€“ Ordinary and Missing Plate Modes. Transactions of Famena, 2016, 40, 1-18.	0.6	5
14	Dynamic finite element formulations for moderately thick plate vibrations based on the modified Mindlin theory. Engineering Structures, 2017, 136, 100-113.	5.3	4
15	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
16	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
17	Offshore Wind Turbines â€“ Research and Development. Journal of Maritime & Transportation Science, 2018, 2, 59-70.	0.1	0