

Marko Tomic

List of Publications by Year in descending order

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