

Jasmin Jelovica

List of Publications by Year in descending order

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27
papers

473
citations

687363

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28
docs citations

28
times ranked

293
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear vibration behavior of functionally graded porous cylindrical panels. <i>Composite Structures</i> , 2020, 239, 112028.	5.8	64
2	Optimization of crashworthy marine structures. <i>Marine Structures</i> , 2009, 22, 670-690.	3.8	33
3	Fatigue strength modelling of high-performing welded joints. <i>International Journal of Fatigue</i> , 2020, 135, 105555.	5.7	32
4	Adaptive repair method for constraint handling in multi-objective genetic algorithm based on relationship between constraints and variables. <i>Applied Soft Computing Journal</i> , 2020, 90, 106143.	7.2	31
5	Influence of weld stiffness on buckling strength of laser-welded web-core sandwich plates. <i>Journal of Constructional Steel Research</i> , 2012, 77, 12-18.	3.9	30
6	Using non-local Timoshenko beam theories for prediction of micro- and macro-structural responses. <i>Composite Structures</i> , 2016, 156, 410-420.	5.8	30
7	A homogenization method for geometric nonlinear analysis of sandwich structures with initial imperfections. <i>International Journal of Solids and Structures</i> , 2016, 87, 194-205.	2.7	29
8	Ultimate strength of corroded web-core sandwich beams. <i>Marine Structures</i> , 2013, 31, 1-14.	3.8	26
9	Eigenfrequency analyses of laser-welded web-core sandwich panels. <i>Thin-Walled Structures</i> , 2016, 101, 120-128.	5.3	25
10	Load-carrying behaviour of web-core sandwich plates in compression. <i>Thin-Walled Structures</i> , 2013, 73, 264-272.	5.3	21
11	Influence of general corrosion on buckling strength of laser-welded web-core sandwich plates. <i>Journal of Constructional Steel Research</i> , 2014, 101, 342-350.	3.9	17
12	Fatigue strength of laser-welded foam-filled steel sandwich beams. <i>Materials and Design</i> , 2017, 115, 64-72.	7.0	17
13	Hull-superstructure interaction in optimised passenger ships. <i>Ships and Offshore Structures</i> , 2013, 8, 612-620.	1.9	16
14	Equivalent mechanical properties for cylindrical cell honeycomb core structure. <i>Composite Structures</i> , 2014, 108, 866-875.	5.8	15
15	Vectorization and constraint grouping to enhance optimization of marine structures. <i>Marine Structures</i> , 2009, 22, 225-245.	3.8	13
16	Buckling of sandwich panels with transversely flexible core: Correction of the equivalent single-layer model using thick-faces effect. <i>Journal of Sandwich Structures and Materials</i> , 2020, 22, 1612-1634.	3.5	11
17	Nonlinear transient thermoelastic response of FGM plate under sudden cryogenic cooling. <i>Ocean Engineering</i> , 2021, 226, 108875.	4.3	11
18	Ultimate strength assessment of stiffened panel under uni-axial compression with non-linear equivalent single layer approach. <i>Marine Structures</i> , 2021, 78, 103004.	3.8	10

#	ARTICLE	IF	CITATIONS
19	Buckling and free vibration of laser-welded web-core sandwich panels: Extreme sensitivity to variation of weld rotational stiffness. <i>Engineering Structures</i> , 2021, 244, 112737.	5.3	10
20	Nonlinear vibration analysis of bidirectional porous beams. <i>Engineering With Computers</i> , 2022, 38, 5033-5049.	6.1	10
21	Analytical solution for vibration and buckling of cylindrical sandwich panels with improved FG metal foam core. <i>Engineering Structures</i> , 2022, 266, 114580.	5.3	10
22	Post-buckling of web-core sandwich plates based on classical continuum mechanics: success and needs for non-classical formulations. <i>Meccanica</i> , 2021, 56, 1287-1302.	2.0	5
23	Influence of different wave load schematisation on global ship structural response. <i>Ships and Offshore Structures</i> , 2019, 14, 9-17.	1.9	3
24	Stress Analysis of Post-Buckled Sandwich Panels. , 2018, , .		1
25	Limit State Analyses in Design of Thin-Walled Marine Structuresâ€™Some Aspects on Length-Scales. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2020, 142, .	1.2	1
26	Limit State Analyses in Design of Thin-Walled Marine Structures: Some Aspects on Length-Scales. , 2018, , .		0
27	Experimental Study on Static Strength of Damaged Concrete Arches Reinforced by Corrugated Steel. <i>Journal of Structural Engineering</i> , 2022, 148, .	3.4	0