

Smiljko Rudan

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

161
citations

1307594

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1125743

13
g-index

23
all docs

23
docs citations

23
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	Wind load assessment in marine and offshore engineering standards. Ocean Engineering, 2022, 252, 110872.	4.3	1
2	Assessing the Compression Fatigue of the Welded Test Specimens. Journal of Maritime & Transportation Science, 2022, Special edition 4, 245-263.	0.1	0
3	Non-linear response of a moored LNG ship subjected to regular waves. Ships and Offshore Structures, 2021, 16, 44-57.	1.9	3
4	Numerical Modelling for Synthetic Fibre Mooring Lines Taking Elongation and Contraction into Account. Journal of Marine Science and Engineering, 2021, 9, 417.	2.6	3
5	CO2 Emissions Reduction Measures for RO-RO Vessels on Non-Profitable Coastal Liner Passenger Transport. Sustainability, 2021, 13, 6909.	3.2	4
6	Post-accidental structural reliability of double-hull oil tanker with near realistic collision damage shapes. Ships and Offshore Structures, 2020, 15, S190-S207.	1.9	4
7	Numerical study on the consequences of different ship collision modelling techniques. Ships and Offshore Structures, 2019, 14, 387-400.	1.9	19
8	Finite element study of residual ultimate strength of a double hull oil tanker with simplified collision damage and subjected to bi-axial bending. Ships and Offshore Structures, 2018, 13, 25-36.	1.9	7
9	MARSTRUCT benchmark study on nonlinear FE simulation of an experiment of an indenter impact with a ship side-shell structure. Marine Structures, 2018, 59, 142-157.	3.8	44
10	Application of the State-Of-The Art Engineering Methods in Nautical Archaeology. Journal of Maritime & Transportation Science, 2018, 2, 113-122.	0.1	0
11	Ultimate hull-girder-strength-based reliability of a double-hull oil tanker after collision in the Adriatic Sea. Ships and Offshore Structures, 2017, 12, S55-S67.	1.9	8
12	Residual ultimate strength assessment of double hull oil tanker after collision. Engineering Structures, 2017, 148, 704-717.	5.3	16
13	TECHNOLOGY OF SUBSEA PIPELINE LAYING IN THE COASTAL AREA. Brodogradnja, 2017, 68, 89-102.	1.9	1
14	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
15	Fiber optic vibration sensor for high-power electric machines realized using 3D printing technology. Proceedings of SPIE, 2016, , .	0.8	1
16	Fiber-optic vibration sensor for high-power electric machines. , 2015, , .		2
17	Crashworthiness of Type C Tanks in LPG Ship. , 2014, , .		0
18	Investigation of nonlinear restoring stiffness in dynamic analysis of tension leg platforms. Engineering Structures, 2013, 56, 117-125.	5.3	8

#	ARTICLE	IF	CITATIONS
19	Fatigue assessment of welded trapezoidal joints of a very fast ferry subjected to combined load. Engineering Structures, 2010, 32, 800-807.	5.3	14
20	Role of transverse bulkheads in hull stiffness of large container ships. Engineering Structures, 2008, 30, 2492-2509.	5.3	19
21	Assessment of Geometry Correction Functions of Tanker Knuckle Details Based on Fatigue Tests and Finite-Element Analysis. Journal of Offshore Mechanics and Arctic Engineering, 2004, 126, 220-226.	1.2	6
22	Remedy for Misalignment of Bilobe Cargo Tanks in Liquefied Petroleum Gas Carriers. Journal of Ship Production, 2004, 20, 133-146.	0.2	0