

Smiljko Rudan

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

161
citations

1307594

7
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1125743

13
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23
all docs

23
docs citations

23
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	MARSTRUCT benchmark study on nonlinear FE simulation of an experiment of an indenter impact with a ship side-shell structure. <i>Marine Structures</i> , 2018, 59, 142-157.	3.8	44
2	Role of transverse bulkheads in hull stiffness of large container ships. <i>Engineering Structures</i> , 2008, 30, 2492-2509.	5.3	19
3	Numerical study on the consequences of different ship collision modelling techniques. <i>Ships and Offshore Structures</i> , 2019, 14, 387-400.	1.9	19
4	Residual ultimate strength assessment of double hull oil tanker after collision. <i>Engineering Structures</i> , 2017, 148, 704-717.	5.3	16
5	Fatigue assessment of welded trapezoidal joints of a very fast ferry subjected to combined load. <i>Engineering Structures</i> , 2010, 32, 800-807.	5.3	14
6	Investigation of nonlinear restoring stiffness in dynamic analysis of tension leg platforms. <i>Engineering Structures</i> , 2013, 56, 117-125.	5.3	8
7	Ultimate hull-girder-strength-based reliability of a double-hull oil tanker after collision in the Adriatic Sea. <i>Ships and Offshore Structures</i> , 2017, 12, S55-S67.	1.9	8
8	Finite element study of residual ultimate strength of a double hull oil tanker with simplified collision damage and subjected to bi-axial bending. <i>Ships and Offshore Structures</i> , 2018, 13, 25-36.	1.9	7
9	Assessment of Geometry Correction Functions of Tanker Knuckle Details Based on Fatigue Tests and Finite-Element Analysis. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2004, 126, 220-226.	1.2	6
10	Post-accidental structural reliability of double-hull oil tanker with near realistic collision damage shapes. <i>Ships and Offshore Structures</i> , 2020, 15, S190-S207.	1.9	4
11	CO2 Emissions Reduction Measures for RO-RO Vessels on Non-Profitable Coastal Liner Passenger Transport. <i>Sustainability</i> , 2021, 13, 6909.	3.2	4
12	Non-linear response of a moored LNG ship subjected to regular waves. <i>Ships and Offshore Structures</i> , 2021, 16, 44-57.	1.9	3
13	Numerical Modelling for Synthetic Fibre Mooring Lines Taking Elongation and Contraction into Account. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 417.	2.6	3
14	Fiber-optic vibration sensor for high-power electric machines. , 2015, , .		2
15	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
16	Fiber optic vibration sensor for high-power electric machines realized using 3D printing technology. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
17	TECHNOLOGY OF SUBSEA PIPELINE LAYING IN THE COASTAL AREA. <i>Brodogradnja</i> , 2017, 68, 89-102.	1.9	1
18	Wind load assessment in marine and offshore engineering standards. <i>Ocean Engineering</i> , 2022, 252, 110872.	4.3	1

#	ARTICLE	IF	CITATIONS
19	Crashworthiness of Type C Tanks in LPG Ship. , 2014, , .		0
20	Remedy for Misalignment of Bilobe Cargo Tanks in Liquefied Petroleum Gas Carriers. Journal of Ship Production, 2004, 20, 133-146.	0.2	0
21	Application of the State-Of-The Art Engineering Methods in Nautical Archaeology. Journal of Maritime & Transportation Science, 2018, 2, 113-122.	0.1	0
22	Assessing the Compression Fatigue of the Welded Test Specimens. Journal of Maritime & Transportation Science, 2022, Special edition 4, 245-263.	0.1	0