

Yordan Garbatov

List of Publications by Year in descending order

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207
papers

4,053
citations

126858

33
h-index

161767

54
g-index

248
all docs

248
docs citations

248
times ranked

1343
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of environmental factors on corrosion of ship structures in marine atmosphere. Corrosion Science, 2009, 51, 2014-2026.	3.0	200
2	Reliability of maintained, corrosion protected plates subjected to non-linear corrosion and compressive loads. Marine Structures, 1999, 12, 425-445.	1.6	199
3	Tensile strength assessment of corroded small scale specimens. Corrosion Science, 2014, 85, 296-303.	3.0	142
4	Ultimate strength assessment of rectangular steel plates subjected to a random localised corrosion degradation. Engineering Structures, 2013, 52, 295-305.	2.6	100
5	Corrosion wastage model for ship crude oil tanks. Corrosion Science, 2008, 50, 3095-3106.	3.0	96
6	Effect of environmental factors on steel plate corrosion under marine immersion conditions. Corrosion Engineering Science and Technology, 2011, 46, 524-541.	0.7	96
7	Cost and reliability based strategies for fatigue maintenance planning of floating structures. Reliability Engineering and System Safety, 2001, 73, 293-301.	5.1	92
8	Nonlinear Time Dependent Corrosion Wastage of Deck Plates of Ballast and Cargo Tanks of Tankers. Journal of Offshore Mechanics and Arctic Engineering, 2007, 129, 48-55.	0.6	87
9	Fatigue reliability of the ship hull girder accounting for inspection and repair. Reliability Engineering and System Safety, 1996, 51, 341-351.	5.1	85
10	Fatigue damage assessment of fixed offshore wind turbine tripod support structures. Engineering Structures, 2015, 101, 518-528.	2.6	83
11	Experimental assessment of the ultimate strength of a box girder subjected to severe corrosion. Marine Structures, 2011, 24, 338-357.	1.6	81
12	Reliability of maintained ship hulls subjected to corrosion and fatigue under combined loading. Journal of Constructional Steel Research, 1999, 52, 93-115.	1.7	73
13	Effect of corrosion severity on the ultimate strength of a steel box girder. Engineering Structures, 2013, 49, 560-571.	2.6	73
14	Reliability of Maintained Ship Hulls Subjected to Corrosion. Journal of Ship Research, 1996, 40, 235-243.	0.5	71
15	Reliability of maintained ship hull girders subjected to corrosion and fatigue. Structural Safety, 1998, 20, 201-219.	2.8	66
16	Analysis of plate deflections during ultimate strength experiments of corroded box girders. Thin-Walled Structures, 2012, 54, 164-176.	2.7	61
17	Evaluation of fatigue damage model predictions for fixed offshore wind turbine support structures. International Journal of Fatigue, 2016, 87, 71-80.	2.8	55
18	Fatigue strength experiments of corroded small scale steel specimens. International Journal of Fatigue, 2014, 59, 137-144.	2.8	53

#	ARTICLE	IF	CITATIONS
19	Experimental assessment of tensile strength of corroded steel specimens subjected to sandblast and sandpaper cleaning. <i>Marine Structures</i> , 2016, 49, 18-30.	1.6	49
20	Residual ultimate strength assessment of stiffened panels with locked cracks. <i>Thin-Walled Structures</i> , 2014, 85, 398-410.	2.7	47
21	Corrosion degradation of ship hull steel plates accounting for local environmental conditions. <i>Ocean Engineering</i> , 2018, 163, 299-306.	1.9	45
22	Risk-based maintenance planning of offshore wind turbine farms. <i>Reliability Engineering and System Safety</i> , 2020, 202, 107062.	5.1	44
23	Ultimate strength assessment of corroded box girders. <i>Ocean Engineering</i> , 2013, 58, 35-47.	1.9	42
24	Reliability assessment of a steel plate subjected to distributed and localized corrosion wastage. <i>Engineering Structures</i> , 2014, 59, 13-20.	2.6	41
25	Strength assessment of a severely corroded box girder subjected to bending moment. <i>Journal of Constructional Steel Research</i> , 2014, 92, 90-102.	1.7	41
26	Reliability of Corrosion Protected and Maintained Ship Hulls Subjected to Corrosion and Fatigue. <i>Journal of Ship Research</i> , 1999, 43, 65-78.	0.5	41
27	Fatigue reliability of the ship hull girder. <i>Marine Structures</i> , 1996, 9, 495-516.	1.6	39
28	Experimental and numerical strength assessment of stiffened plates subjected to severe non-uniform corrosion degradation and compressive load. <i>Ships and Offshore Structures</i> , 2017, 12, 461-473.	0.9	39
29	Random field modelling of mechanical behaviour of corroded thin steel plate specimens. <i>Engineering Structures</i> , 2020, 212, 110544.	2.6	39
30	Effect of corrosion degradation on ultimate strength of steel box girders. <i>Corrosion Engineering Science and Technology</i> , 2012, 47, 272-283.	0.7	38
31	Fatigue reliability assessment of riveted lap joint of aircraft structures. <i>International Journal of Fatigue</i> , 2012, 43, 54-61.	2.8	38
32	Reliability assessment of maintained ship hulls with correlated corroded elements. <i>Marine Structures</i> , 1997, 10, 629-653.	1.6	35
33	Bayesian Updating in the Reliability Assessment of Maintained Floating Structures. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2002, 124, 139-145.	0.6	34
34	Round robin study on structural hot-spot and effective notch stress analysis. <i>Ships and Offshore Structures</i> , 2008, 3, 335-345.	0.9	34
35	Hull girder ultimate strength assessment based on experimental results and the dimensional theory. <i>Engineering Structures</i> , 2015, 100, 742-750.	2.6	34
36	Reliability of ship hulls subjected to corrosion and maintenance. <i>Structural Safety</i> , 2013, 43, 1-11.	2.8	33

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37	Fatigue reliability of a stiffened panel subjected to correlated crack growth. <i>Structural Safety</i> , 2012, 36-37, 39-46.	2.8	32
38	Ultimate strength assessment of welded stiffened plates. <i>Engineering Structures</i> , 2015, 84, 325-339.	2.6	32
39	Spectral fatigue damage assessment of tanker deck structural detail subjected to time-dependent corrosion. <i>International Journal of Fatigue</i> , 2013, 48, 147-155.	2.8	31
40	Uncertainty analysis of soil-pile interactions of monopile offshore wind turbine support structures. <i>Applied Ocean Research</i> , 2019, 82, 74-88.	1.8	31
41	Fatigue Reliability of Maintained Welded Joints in the Side Shell of Tankers. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 1998, 120, 2-9.	0.6	30
42	Probabilistic model of the growth of correlated cracks in a stiffened panel. <i>Engineering Fracture Mechanics</i> , 2012, 84, 83-95.	2.0	30
43	Time variant reliability assessment of ship structures with fast integration techniques. <i>Probabilistic Engineering Mechanics</i> , 2013, 32, 93-102.	1.3	30
44	Fatigue analysis of ship deck structure accounting for imperfections. <i>International Journal of Fatigue</i> , 2008, 30, 1881-1897.	2.8	28
45	Experimental assessment of corroded steel box-girders subjected to uniform bending. <i>Ships and Offshore Structures</i> , 2013, 8, 653-662.	0.9	28
46	Strength assessment of an intact and damaged container ship subjected to asymmetrical bending loadings. <i>Marine Structures</i> , 2018, 58, 172-198.	1.6	28
47	Effect of weld shape imperfections on the structural hot-spot stress distribution. <i>Ships and Offshore Structures</i> , 2011, 6, 145-159.	0.9	27
48	Fatigue reliability assessment of a complex welded structure subjected to multiple cracks. <i>Engineering Structures</i> , 2013, 56, 868-879.	2.6	27
49	Experimental investigation on the residual strength of thin steel plates with a central elliptic opening and locked cracks. <i>Ocean Engineering</i> , 2016, 115, 19-29.	1.9	27
50	Experimental and numerical analysis of ultimate strength of inland catamaran subjected to vertical bending moment. <i>Ocean Engineering</i> , 2019, 188, 106320.	1.9	27
51	Fatigue damage assessment of corroded oil tanker details based on global and local stress approaches. <i>International Journal of Fatigue</i> , 2012, 43, 197-206.	2.8	26
52	Risk-based framework for ship and structural design accounting for maintenance planning. <i>Ocean Engineering</i> , 2018, 166, 12-25.	1.9	26
53	Corrosion-Dependent Ultimate Strength Assessment of Aged Box Girders Based on Experimental Results. <i>Journal of Ship Research</i> , 2011, 55, 289-300.	0.5	26
54	Current practices and recent advances in condition assessment of aged ships. <i>Ships and Offshore Structures</i> , 2007, 2, 261-271.	0.9	25

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55	Numerical and parametric modeling and analysis of weld-induced residual stresses. <i>International Journal of Mechanics and Materials in Design</i> , 2015, 11, 439-453.	1.7	25
56	Structural maintenance planning based on historical data of corroded deck plates of tankers. <i>Reliability Engineering and System Safety</i> , 2009, 94, 1806-1817.	5.1	24
57	Experimental strength assessment of thin steel plates with a central elongated circular opening. <i>Journal of Constructional Steel Research</i> , 2016, 118, 135-144.	1.7	23
58	Fatigue crack initiation assessment of welded joints accounting for residual stress. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2018, 41, 1823-1837.	1.7	23
59	A two-phase approach to estimate fatigue crack initiation and propagation lives of notched structural components. <i>International Journal of Fatigue</i> , 2018, 116, 523-534.	2.8	23
60	Tensile test analysis of corroded cleaned aged steel specimens. <i>Corrosion Engineering Science and Technology</i> , 2019, 54, 154-162.	0.7	23
61	Fatigue reliability of dented pipeline based on limited experimental data. <i>International Journal of Pressure Vessels and Piping</i> , 2017, 155, 15-26.	1.2	21
62	Numerical assessment of ultimate strength of severe corroded stiffened plates. <i>Engineering Structures</i> , 2018, 168, 346-354.	2.6	21
63	Strength assessment of aluminium and steel stiffened panels with openings on longitudinal girders. <i>Ocean Engineering</i> , 2020, 200, 107047.	1.9	21
64	An enhanced method in predicting tensile behaviour of corroded thick steel plate specimens by using random field approach. <i>Ocean Engineering</i> , 2020, 213, 107803.	1.9	20
65	Strain-based fatigue reliability assessment of welded joints in ship structures. <i>Marine Structures</i> , 2021, 75, 102878.	1.6	20
66	Influence of steel strength on the fatigue reliability of welded structural components. <i>International Journal of Fatigue</i> , 2004, 26, 753-762.	2.8	18
67	Experimental strength analysis of steel plates with a large circular opening accounting for corrosion degradation and cracks subjected to compressive load along the short edges. <i>Marine Structures</i> , 2016, 48, 52-67.	1.6	18
68	Experimental compressive strength analyses of high tensile steel thin-walled stiffened panels with a large lightening opening. <i>Thin-Walled Structures</i> , 2017, 113, 61-68.	2.7	18
69	Fatigue strength of EH36 steel welded joints and base material at low-temperature. <i>International Journal of Fatigue</i> , 2021, 142, 105896.	2.8	18
70	Life-extension classification of offshore wind assets using unsupervised machine learning. <i>Reliability Engineering and System Safety</i> , 2022, 219, 108229.	5.1	18
71	Compressive strength assessment of a moderately corroded box girder. <i>Marine Systems and Ocean Technology</i> , 2011, 6, 27-37.	0.5	17
72	Analytically based equations for distortion and residual stress estimations of thin butt-welded plates. <i>Engineering Structures</i> , 2017, 137, 115-124.	2.6	17

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73	Structural integrity assessment of fixed support structures for offshore wind turbines: A review. <i>Ocean Engineering</i> , 2022, 244, 110271.	1.9	17
74	Stress-strain analysis of dented rectangular plates subjected to uni-axial compressive loading. <i>Engineering Structures</i> , 2015, 99, 78-91.	2.6	16
75	Buckling collapse tests of deteriorated steel plates with multiple circular openings. <i>Ocean Engineering</i> , 2019, 172, 523-530.	1.9	16
76	Study on Ultimate Compressive Strength of Aluminium-Alloy Plates and Stiffened Panels. <i>Journal of Marine Science and Application</i> , 2020, 19, 534-552.	0.7	16
77	Improved effective notch strain approach for fatigue reliability assessment of load-carrying fillet welded cruciform joints in low and high cycle fatigue. <i>Marine Structures</i> , 2021, 75, 102849.	1.6	16
78	Uncertainty assessment of fatigue damage of welded ship structural joints. <i>Engineering Structures</i> , 2012, 44, 322-333.	2.6	15
79	Risk-based life-cycle assessment of offshore wind turbine support structures accounting for economic constraints. <i>Structural Safety</i> , 2019, 81, 101867.	2.8	15
80	Spatial Corrosion Wastage Modeling of Steel Plates Exposed to Marine Environments. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2019, 141, .	0.6	15
81	Fatigue assessment of welded trapezoidal joints of a very fast ferry subjected to combined load. <i>Engineering Structures</i> , 2010, 32, 800-807.	2.6	14
82	Ultimate strength analysis of highly damaged plates. <i>Marine Structures</i> , 2016, 45, 63-85.	1.6	14
83	Numerical assessment of the structural crashworthiness of corroded ship hulls in stranding. <i>Ocean Engineering</i> , 2018, 170, 276-285.	1.9	14
84	Risk-based corrosion allowance of oil tankers. <i>Ocean Engineering</i> , 2020, 213, 107753.	1.9	14
85	Fatigue Damage of Structural Joints Accounting for Nonlinear Corrosion. <i>Journal of Ship Research</i> , 2002, 46, 289-298.	0.5	14
86	Indoor accelerated controlled corrosion degradation test of small- and large-scale specimens. <i>Ocean Engineering</i> , 2021, 241, 110039.	1.9	14
87	Structural capacity of plates and stiffened panels of different materials with opening. <i>Ocean Engineering</i> , 2018, 167, 45-54.	1.9	13
88	Ultimate strength assessment of jacket offshore wind turbine support structures subjected to progressive bending loading. <i>Ships and Offshore Structures</i> , 2019, 14, 165-175.	0.9	13
89	Review of Ultimate Strength Assessment of Ageing and Damaged Ship Structures. <i>Journal of Marine Science and Application</i> , 2020, 19, 512-533.	0.7	13
90	Experimental and Numerical Investigations of Ultimate Strength of Imperfect Stiffened Plates of Different Slenderness. <i>Polish Maritime Research</i> , 2020, 27, 120-129.	0.6	13

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91	Corrosion-Dependent Ultimate Strength Assessment of Aged Box Girders Based on Experimental Results. <i>Journal of Ship Research</i> , 2011, 55, 289-300.	0.5	13
92	DFR based fatigue reliability assessment of riveted lap joint accounting for correlations. <i>International Journal of Fatigue</i> , 2013, 47, 106-114.	2.8	12
93	Ultimate strength assessment of a tanker hull based on experimentally developed master curves. <i>Journal of Marine Science and Application</i> , 2013, 12, 127-139.	0.7	11
94	Reliability of Offshore Wind Turbine Support Structures Subjected to Extreme Wave-Induced Loads and Defects. , 2016, , .		11
95	Round robin study on local stress and fatigue assessment of lap joints and doubler plates. <i>Ships and Offshore Structures</i> , 2013, 8, 621-627.	0.9	10
96	Fatigue reliability of a web frame subjected to random non-uniform corrosion wastage. <i>Structural Safety</i> , 2014, 48, 51-62.	2.8	10
97	AGING EFFECTS ON SHIP STRUCTURAL INTEGRITY. <i>Brodogradnja</i> , 2017, 68, 15-28.	0.6	10
98	Numerical and experimental study of the ultimate strength of a monopile structure. <i>Engineering Structures</i> , 2019, 194, 290-299.	2.6	10
99	Photogrammetry image-based approach for imperfect structure modelling and FE analysis. <i>Ocean Engineering</i> , 2021, 223, 108665.	1.9	10
100	Hybrid-laser welding-induced distortions and residual stresses analysis of large-scale stiffener panel. <i>Ocean Engineering</i> , 2022, 245, 110411.	1.9	10
101	MULTIPURPOSE VESSEL FLEET FOR SHORT BLACK SEA SHIPPING THROUGH MULTIMODAL TRANSPORT CORRIDORS. <i>Brodogradnja</i> , 2021, 72, 79-101.	0.6	10
102	Numerical Analysis of Stress Concentration in Non-uniformly Corroded Small-Scale Specimens. <i>Journal of Marine Science and Application</i> , 2021, 20, 1-9.	0.7	9
103	Non-Linear Time Dependent Corrosion Wastage of Deck Plates of Ballast and Cargo Tanks of Tankers. , 2005, , .		9
104	Structural Reliability Assessment of Corroded Tanker Ship Based on Experimentally Estimated Ultimate Strength. <i>Polish Maritime Research</i> , 2019, 26, 47-54.	0.6	9
105	Corrosion degradation monitoring of ship stiffened plates using guided wave phase velocity and constrained convex optimization method. <i>Ocean Engineering</i> , 2022, 253, 111318.	1.9	9
106	Advances in Modelling and Analysis of Strength of Corroded Ship Structures. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 807.	1.2	9
107	Cost, Energy Efficiency and Carbon Footprint Analysis of Hybrid Light-Weight Bulk Carrier. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 957.	1.2	9
108	Fatigue reliability assessment of correlated welded web-frame joints. <i>Journal of Marine Science and Application</i> , 2014, 13, 23-31.	0.7	8

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109	Fatigue strength assessment of ship structures accounting for a coating life and corrosion degradation. <i>International Journal of Structural Integrity</i> , 2016, 7, .	1.8	8
110	Risk-Based Conceptual Ship Design of a Bulk Carrier Accounting for Energy Efficiency Design Index (EEDI). <i>Transactions of the Royal Institution of Naval Architects Part A: International Journal of Maritime Engineering</i> , 2021, 163, 51-62.	0.1	8
111	Stress-strain model of lower corroded steel plates of normal strength for fitness-for-purpose analyses. <i>Construction and Building Materials</i> , 2022, 323, 126560.	3.2	8
112	Wave-induced design bending moment assessment for any given ship's operational life. <i>Ships and Offshore Structures</i> , 2006, 1, 221-227.	0.9	7
113	Dynamic structural response of perforated plates subjected to water impact load. <i>Engineering Structures</i> , 2016, 125, 179-190.	2.6	7
114	Welding-induced residual stresses and distortions of butt-welded corroded and intact plates. <i>Marine Structures</i> , 2021, 79, 103041.	1.6	7
115	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.	0.6	6
116	Corrosion Modelling of Single Hull Crude Oil Tanker Subjected to Multiple Deterioration Environments. , 2007, , .		6
117	Ultimate strength assessment of ageing steel plates subjected to random non-uniform corrosion wastage. , 2011, , 213-220.		6
118	Fatigue reliability of deck structures subjected to correlated crack growth. <i>Journal of Marine Science and Application</i> , 2013, 12, 413-421.	0.7	6
119	Finite element modelling of the ultimate strength of stiffened plates with residual stresses. , 2013, , 309-317.		6
120	Strength assessment of steel plates subjected to compressive load and dent deformation. <i>Structure and Infrastructure Engineering</i> , 2016, 12, 995-1011.	2.0	6
121	Experimental and numerical buckling analysis of cylindrical pressure hulls with multi-circular openings. <i>Ocean Engineering</i> , 2020, 214, 107689.	1.9	6
122	Experimental and numerical analysis of crack growth in stiffened panels. <i>Ships and Offshore Structures</i> , 2021, 16, 980-992.	0.9	6
123	Numerical and experimental study on effect of boundary conditions during testing of stiffened plates subjected to compressive loads. <i>Engineering Structures</i> , 2021, 235, 112027.	2.6	6
124	Multiobjective Reliability-Based Design of Ship Structures Subjected to Fatigue Damage and Compressive Collapse. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2020, 142, .	0.6	6
125	Corrosion of steels in marine environment, monitoring and standards. , 2010, , 369-413.		6
126	Experimental and numerical identification of corrosion degradation of ageing structural components. <i>Ocean Engineering</i> , 2022, 258, 111739.	1.9	6

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127	Reliability based fatigue design of maintained welded joints in the side shell of tankers. European Structural Integrity Society, 1999, 23, 13-28.	0.1	5
128	Fragility analysis of an ageing monopile offshore wind turbine subjected to simultaneous wind and seismic load. Safety in Extreme Environments, 2020, 2, 155-170.	1.8	5
129	Analysis of Ultimate Compressive Strength of Cracked Plates with the Use of DoE Techniques. Polish Maritime Research, 2020, 27, 109-120.	0.6	5
130	Stochastic Air Quality Dispersion Model for Defining Queuing Ships Seaport Location. Journal of Marine Science and Engineering, 2022, 10, 140.	1.2	5
131	Reliability analysis based on a direct ship hull strength assessment. Journal of Marine Science and Application, 2015, 14, 389-398.	0.7	4
132	Spatial Corrosion Wastage Modelling of Steel Plates Subjected to Marine Environments. , 2017, , .		4
133	Strength Assessment of Rectangular Plates Subjected to Extreme Cyclic Load Reversals. Journal of Marine Science and Engineering, 2020, 8, 65.	1.2	4
134	Experimental failure assessment of high tensile stiffened plates with openings. Engineering Structures, 2020, 206, 110121.	2.6	4
135	Friction stir welding induced residual stresses in thick steel plates from experimental and numerical analysis. Ships and Offshore Structures, 2022, 17, 1053-1061.	0.9	4
136	Optimal Life Extension Management of Offshore Wind Farms Based on the Modern Portfolio Theory. Oceans, 2021, 2, 566-582.	0.6	4
137	Modular jacket offshore wind turbine support structure for the Northern Portuguese coastal zone. , 2016, , .		4
138	Uncertainty assessment of the ultimate strength of a stiffened panel. , 2011, , 659-668.		4
139	Spectral fatigue assessment of an offshore wind turbine structure under wave and wind loading. , 2013, , 425-433.		4
140	Towards Green Marine Technology and Transport. , 0, , .		4
141	Modelling Strength Degradation Phenomena and Inspections Used for Reliability Assessment Based on Maintenance Planning. , 2006, , 69.		3
142	Reliability of aged ship structures. , 2008, , 253-286.		3
143	Corrosion Margins for Redundant Ship Structures. , 2018, , .		3
144	Advances in Conceptual Ship Design Accounting for the Risk of Environmental Pollution. Annual Journal of Technical University of Varna Bulgaria, 2021, 5, 25-41.	0.1	3

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145	Collapse Strength of Intact Ship Structures. Journal of Marine Science and Engineering, 2021, 9, 1079.	1.2	3
146	Nondestructive Corrosion Inspection Modeling of Tanker Structures. , 2008, ,		3
147	Large scale corrosion tests. , 2009, , 193-198.		3
148	FE model calibration and validation of a tested plate with an opening under compressive load. , 2017, , 305-312.		3
149	Methods of structural reliability applied to design and maintenance planning of ship hulls and floating platforms. , 2010, , 191-206.		3
150	Ultimate strength of a plate accounting for shakedown effect and corrosion degradation. , 2013, , 395-403.		3
151	Fatigue damage analysis of a fixed offshore wind turbine supporting structure. , 2013, , 415-424.		3
152	Structural design of an adaptable jacket offshore wind turbine support structure for deeper waters. , 2016, , 583-594.		3
153	Fatigue Strength Assessment of a Butt-Welded Joint in Ship Structures Based on Time-Domain Strain Approach. Journal of Ship Research, 2020, , 1-16.	0.5	3
154	Assessment of the retardation of in-service cracks in offshore welded structures subjected to variable amplitude load. , 2015, , 855-863.		3
155	Assessment of the Uncertainties Introduced by Different Fatigue Damage Models for Ship Structural Details. , 2010, ,		2
156	Ultimate strength assessment of steel plates with a large opening. , 2013, , 373-380.		2
157	Taylor & Francis, Jeom Kee Paik and the Editorial Board of Ships and Offshore Structures are delighted to announce that the following paper has been awarded the 2013 Best Paper Award: Ships and Offshore Structures, 2014, 9, 1-1.	0.9	2
158	Risk-Based Multi-Objective Optimisation of a Monopile Offshore Wind Turbine Support Structure. , 2017, ,		2
159	Ultimate strength of stiffened plates subjected to compressive load and spatially distributed mechanical properties. , 2021, , 609-617.		2
160	Corrosion wastage statistics and maintenance planning of corroded hull structures of bulk carriers. , 2009, , 215-222.		2
161	Structural behaviour of a lightweight craft. , 2012, , 353-362.		2
162	A model for the life cycle analysis of ships: Environmental impact during construction, operation and recycling. , 2014, , 843-854.		2

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163	RETROFITTING ANALYSIS OF TANKER SHIP HULL STRUCTURE SUBJECTED TO CORROSION. Brodogradnja, 2019, 70, 87-109.	0.6	2
164	Ultimate Compressive Strength Assessment of Uncleaned and Cleaned Corroded Plates with Locked Crack. Polish Maritime Research, 2021, 28, 117-127.	0.6	2
165	Emergency repair of a single hull structure with locked cracks. , 2016, , 521-529.		2
166	Uncertainty assessment of ultimate strength of corroded stiffened plates subjected to maintenance. , 2019, , 429-436.		2
167	Strength Assessment of Jacket Offshore Wind Turbine Support Structure Accounting for Rupture1. Journal of Offshore Mechanics and Arctic Engineering, 2020, 142, .	0.6	2
168	Analysis of Life Extension Performance Metrics for Optimal Management of Offshore Wind Assets. Journal of Offshore Mechanics and Arctic Engineering, 2022, 144, .	0.6	2
169	Residual Stresses and Distortion in Welds. , 2016, , .		1
170	Fast approach for ultimate strength assessment of steel box girders subjected to non-uniform corrosion degradation. Corrosion Engineering Science and Technology, 2016, 51, 60-76.	0.7	1
171	Recent Developments in Experimental and Numerical Assessments of Welding-Induced Residual Stresses. , 2018, , .		1
172	Fatigue Reliability of Ship Hulls with Random Limit State. , 1997, , 1467-1474.		1
173	Ultimate strength assessment of square plate subjected to uni-axial dynamic load. , 2019, , 189-196.		1
174	Comparison of numerical and experimental results of the modal analysis of a ship deck panel. , 2012, , 363-366.		1
175	Influence of weld toe shape and material models on the ultimate strength of a slightly corroded box girder. , 2011, , 401-409.		1
176	Hull ultimate strength Structural capacity of an aging box girder accounting for the presence of a dent. , 2015, , 417-428.		1
177	Ultimate bending moment of a double span box girder with narrow stiffenerâ€™ spacing. , 2015, , 375-384.		1
178	Quasi-static direct strength assessment of offshore multipurpose support vessel in head sea. , 2019, , 415-422.		1
179	FE analysis of support-specimen interaction of compressive experimental test. , 2019, , 423-428.		1
180	Operational Behaviour of an Offshore Multipurpose Support Vessel in the Eastern Mediterranean Sea. , 2019, 161, .		1

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181	Assessment of Geometry Correction Functions of Tanker Knuckle Details Based on Fatigue Tests and Finite Element Analysis. , 2002, , 307.		0
182	Risk-Based Assessment of Fixed Offshore Wind Turbine Support Structures. , 2018, , .		0
183	Strain-Based Fatigue Reliability Analysis of a Load-Carrying Fillet Welded Cruciform Joint. , 2018, , .		0
184	Fatigue Reliability Assessment of Fillet Welded Cruciform Joints Based on the Fatigue Notch Factor and Local Strain Approach. , 2018, , .		0
185	Water and air pollution caused by maritime activities. , 2006, , 1737-1749.		0
186	Effect of uncertain weld shape on the structural hot-spot stress distribution. , 2009, , 267-278.		0
187	Failures mode analysis of corroded steel structures subjected to compressive load. , 2011, , 503-510.		0
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