Yordan Garbatov

List of Publications by Year
in descending order

207	4,053	126858	161767
papers	citations	33 h-index	54 g-index

248	248	248	1343
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Life-extension classification of offshore wind assets using unsupervised machine learning. Reliability Engineering and System Safety, 2022, 219, 108229.	5.1	18
3	Hybrid-laser welding-induced distortions and residual stresses analysis of large-scale stiffener panel. Ocean Engineering, 2022, 245, 110411.	1.9	10
4	Stochastic Air Quality Dispersion Model for Defining Queuing Ships Seaport Location. Journal of Marine Science and Engineering, 2022, 10, 140.	1.2	5
5	Structural integrity assessment of fixed support structures for offshore wind turbines: A review. Ocean Engineering, 2022, 244, 110271.	1.9	17
6	Stressâ€“strain model of lower corroded steel plates of normal strength for fitness-for-purpose analyses. Construction and Building Materials, 2022, 323, 126560.	3.2	8
7	Ship Structures. Journal of Marine Science and Engineering, 2022, 10, 374.	1.2	0
8	Corrosion degradation monitoring of ship stiffened plates using guided wave phase velocity and constrained convex optimization method. Ocean Engineering, 2022, 253, 111318.	1.9	9
9	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
10	Advances in Modelling and Analysis of Strength of Corroded Ship Structures. Journal of Marine Science and Engineering, 2022, 10, 807.	1.2	9
11	Experimental and numerical identification of corrosion degradation of ageing structural components. Ocean Engineering, 2022, 258, 111739.	1.9	6
12	Cost, Energy Efficiency and Carbon Footprint Analysis of Hybrid Light-Weight Bulk Carrier. Journal of Marine Science and Engineering, 2022, 10, 957.	1.2	9
13	Experimental and numerical analysis of crack growth in stiffened panels. Ships and Offshore Structures, 2021, 16, 980-992.	0.9	6
14	Numerical Analysis of Stress Concentration in Non-uniformly Corroded Small-Scale Specimens. Journal of Marine Science and Application, 2021, 20, 1-9.	0.7	9
15	Strain-based fatigue reliability assessment of welded joints in ship structures. Marine Structures, 2021, 75, 102878.	1.6	20
16	Improved effective notch strain approach for fatigue reliability assessment of load-carrying fillet welded cruciform joints in low and high cycle fatigue. Marine Structures, 2021, 75, 102849.	1.6	16
17	Fatigue strength of EH36 steel welded joints and base material at low-temperature. International Journal of Fatigue, 2021, 142, 105896.	2.8	18
18	Photogrammetry image-based approach for imperfect structure modelling and FE analysis. Ocean Engineering, 2021, 223, 108665.	1.9	10

#	ARTICLE	IF	CITATIONS
19	Risk-Based Conceptual Ship Design of a Bulk Carrier Accounting for Energy Efficiency Design Index (EEDI). Transactions of the Royal Institution of Naval Architects Part A: International Journal of Maritime Engineering, 2021, 163, 51-62.	0.1	8
20	Numerical and experimental study on effect of boundary conditions during testing of stiffened plates subjected to compressive loads. Engineering Structures, 2021, 235, 112027.	2.6	6
21	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
22	Ultimate strength of stiffened plates subjected to compressive load and spatially distributed mechanical properties. , 2021, , 609-617.		2
23	Optimal Life Extension Management of Offshore Wind Farms Based on the Modern Portfolio Theory. Oceans, 2021, 2, 566-582.	0.6	4
24	Welding-induced residual stresses and distortions of butt-welded corroded and intact plates. Marine Structures, 2021, 79, 103041.	1.6	7
25	Collapse Strength of Intact Ship Structures. Journal of Marine Science and Engineering, 2021, 9, 1079.	1.2	3
26	Ultimate Compressive Strength Assessment of Uncleaned and Cleaned Corroded Plates with Locked Crack. Polish Maritime Research, 2021, 28, 117-127.	0.6	2
27	Indoor accelerated controlled corrosion degradation test of small- and large-scale specimens. Ocean Engineering, 2021, 241, 110039.	1.9	14
28	MULTIPURPOSE VESSEL FLEET FOR SHORT BLACK SEA SHIPPING THROUGH MULTIMODAL TRANSPORT CORRIDORS. Brodogradnja, 2021, 72, 79-101.	0.6	10
29	An enhanced method in predicting tensile behaviour of corroded thick steel plate specimens by using random field approach. Ocean Engineering, 2020, 213, 107803.	1.9	20
30	Experimental and numerical buckling analysis of cylindrical pressure hulls with multi-circular openings. Ocean Engineering, 2020, 214, 107689.	1.9	6
31	Study on Ultimate Compressive Strength of Aluminium-Alloy Plates and Stiffened Panels. Journal of Marine Science and Application, 2020, 19, 534-552.	0.7	16
32	Risk-based corrosion allowance of oil tankers. Ocean Engineering, 2020, 213, 107753.	1.9	14
33	Review of Ultimate Strength Assessment of Ageing and Damaged Ship Structures. Journal of Marine Science and Application, 2020, 19, 512-533.	0.7	13
34	Risk-based maintenance planning of offshore wind turbine farms. Reliability Engineering and System Safety, 2020, 202, 107062.	5.1	44
35	Strength assessment of aluminium and steel stiffened panels with openings on longitudinal girders. Ocean Engineering, 2020, 200, 107047.	1.9	21
36	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

#	ARTICLE	IF	CITATIONS
37	Strength Assessment of Rectangular Plates Subjected to Extreme Cyclic Load Reversals. Journal of Marine Science and Engineering, 2020, 8, 65.	1.2	4
38	Experimental failure assessment of high tensile stiffened plates with openings. Engineering Structures, 2020, 206, 110121.	2.6	4
39	Random field modelling of mechanical behaviour of corroded thin steel plate specimens. Engineering Structures, 2020, 212, 110544.	2.6	39
40	Multiobjective Reliability-Based Design of Ship Structures Subjected to Fatigue Damage and Compressive Collapse. Journal of Offshore Mechanics and Arctic Engineering, 2020, 142, .	0.6	6
41	Analysis of Ultimate Compressive Strength of Cracked Plates with the Use of DoE Techniques. Polish Maritime Research, 2020, 27, 109-120.	0.6	5
42	Experimental and Numerical Investigations of Ultimate Strength of Imperfect Stiffened Plates of Different Slenderness. Polish Maritime Research, 2020, 27, 120-129.	0.6	13
43	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
44	Strength Assessment of Jacket Offshore Wind Turbine Support Structure Accounting for Rupture1. Journal of Offshore Mechanics and Arctic Engineering, 2020, 142, .	0.6	2
45	Reliability of Corroded Stiffened Plate Subjected to Uniaxial Compressive Loading. , 2020, 162, .		0
46	Ultimate strength assessment of jacket offshore wind turbine support structures subjected to progressive bending loading. Ships and Offshore Structures, 2019, 14, 165-175.	0.9	13
47	Experimental and numerical analysis of ultimate strength of inland catamaran subjected to vertical bending moment. Ocean Engineering, 2019, 188, 106320.	1.9	27
48	Numerical and experimental study of the ultimate strength of a monopile structure. Engineering Structures, 2019, 194, 290-299.	2.6	10
49	Risk-based life-cycle assessment of offshore wind turbine support structures accounting for economic constraints. Structural Safety, 2019, 81, 101867.	2.8	15
50	Buckling collapse tests of deteriorated steel plates with multiple circular openings. Ocean Engineering, 2019, 172, 523-530.	1.9	16
51	Uncertainty analysis of soil-pile interactions of monopile offshore wind turbine support structures. Applied Ocean Research, 2019, 82, 74-88.	1.8	31
52	Spatial Corrosion Wastage Modeling of Steel Plates Exposed to Marine Environments. Journal of Offshore Mechanics and Arctic Engineering, 2019, 141, .	0.6	15
53	Tensile test analysis of corroded cleaned aged steel specimens. Corrosion Engineering Science and Technology, 2019, 54, 154-162.	0.7	23
54	Ultimate strength assessment of square plate subjected to uni-axial dynamic load. , 2019, , 189-196.		1

#	ARTICLE	IF	CITATIONS
55	RETROFITTING ANALYSIS OF TANKER SHIP HULL STRUCTURE SUBJECTED TO CORROSION. Brodogradnja, 2019, 70, 87-109.	0.6	2
56	Structural Reliability Assessment of Corroded Tanker Ship Based on Experimentally Estimated Ultimate Strength. Polish Maritime Research, 2019, 26, 47-54.	0.6	9
57	Multiobjective Reliability-Based Design of Ship Structures Subjected to Fatigue Damage and Compressive Collapse. , 2019, , .		0
58	Uncertainty assessment of ultimate strength of corroded stiffened plates subjected to maintenance. , 2019, , 429-436.		2
59	Quasi-static direct strength assessment of offshore multipurpose support vessel in head sea. , 2019, , 415-422.		1
60	FE analysis of support-specimen interaction of compressive experimental test. , 2019, , 423-428.		1
61	Operational Behaviour of an Offshore Multipurpose Support Vessel in the Eastern Mediterranean Sea. , 2019, 161, .		1
62	Numerical stress-strain analysis of butt-welded plates during the welding process. , 2019, , 157-162.		0
63	Average stress-strain behaviour of stiffened plates of a box girder in the progressive collapse analysis. , 2019, , 144-150.		0
64	Numerical assessment of ultimate strength of severe corroded stiffened plates. Engineering Structures, 2018, 168, 346-354.	2.6	21
65	Fatigue crack initiation assessment of welded joints accounting for residual stress. Fatigue and Fracture of Engineering Materials and Structures, 2018, 41, 1823-1837.	1.7	23
66	Strength assessment of an intact and damaged container ship subjected to asymmetrical bending loadings. Marine Structures, 2018, 58, 172-198.	1.6	28
67	Numerical assessment of the structural crashworthiness of corroded ship hulls in stranding. Ocean Engineering, 2018, 170, 276-285.	1.9	14
68	Recent Developments in Experimental and Numerical Assessments of Welding-Induced Residual Stresses. , 2018, , .		1
69	Risk-Based Assessment of Fixed Offshore Wind Turbine Support Structures. , 2018, , .		0
70	Strain-Based Fatigue Reliability Analysis of a Load-Carrying Fillet Welded Cruciform Joint. , 2018, , .		0
71	Corrosion Margins for Redundant Ship Structures. , 2018, , .		3
72	Fatigue Reliability Assessment of Fillet Welded Cruciform Joints Based on the Fatigue Notch Factor and Local Strain Approach. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
73	A two-phase approach to estimate fatigue crack initiation and propagation lives of notched structural components. International Journal of Fatigue, 2018, 116, 523-534.	2.8	23
74	Corrosion degradation of ship hull steel plates accounting for local environmental conditions. Ocean Engineering, 2018, 163, 299-306.	1.9	45
75	Structural capacity of plates and stiffened panels of different materials with opening. Ocean Engineering, 2018, 167, 45-54.	1.9	13
76	Risk-based framework for ship and structural design accounting for maintenance planning. Ocean Engineering, 2018, 166, 12-25.	1.9	26
77	Strength Assessment of Jacket Offshore Wind Turbine Support Structure Accounting for Rupture. , 2018, , .		0
78	Reinforcement of Ageing Ship Structures. , 2018, Vol 160, .		0
79	Experimental and numerical strength assessment of stiffened plates subjected to severe non-uniform corrosion degradation and compressive load. Ships and Offshore Structures, 2017, 12, 461-473.	0.9	39
80	Experimental compressive strength analyses of high tensile steel thin-walled stiffened panels with a large lightening opening. Thin-Walled Structures, 2017, 113, 61-68.	2.7	18
81	Analytically based equations for distortion and residual stress estimations of thin butt-welded plates. Engineering Structures, 2017, 137, 115-124.	2.6	17
82	Spatial Corrosion Wastage Modelling of Steel Plates Subjected to Marine Environments. , 2017, , .		4
83	Risk-Based Multi-Objective Optimisation of a Monopile Offshore Wind Turbine Support Structure. , 2017, , .		2
84	Fatigue reliability of dented pipeline based on limited experimental data. International Journal of Pressure Vessels and Piping, 2017, 155, 15-26.	1.2	21
85	AGING EFFECTS ON SHIP STRUCTURAL INTEGRITY. Brodogradnja, 2017, 68, 15-28.	0.6	10
86	FE model calibration and validation of a tested plate with an opening under compressive load. , 2017, , 305-312.		3
87	Analysis of the influence of spherical bulkhead reinforcement ring structure type on the strength of the structure. , 2017, , 821-826.		0
88	Damage assessment in concrete marine structures using damage plasticity model. , 2017, , 733-744.		0
89	Modeling microstructure of materials by using peridynamics. , 2017, , 165-170.		0
90	Residual Stresses and Distortion in Welds. , 2016, , .		1

#	Article	IF	Citations
91	Reliability of Offshore Wind Turbine Support Structures Subjected to Extreme Wave-Induced Loads and Defects. , 2016, , .		11
92	Dynamic structural response of perforated plates subjected to water impact load. Engineering Structures, 2016, 125, 179-190.	2.6	7
93	Fatigue strength assessment of ship structures accounting for a coating life and corrosion degradation. International Journal of Structural Integrity, 2016, 7, .	1.8	8
94	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
95	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. Marine Structures, 2016, 48, 52-67.	1.6	18
96	Experimental assessment of tensile strength of corroded steel specimens subjected to sandblast and sandpaper cleaning. Marine Structures, 2016, 49, 18-30.	1.6	49
97	Evaluation of fatigue damage model predictions for fixed offshore wind turbine support structures. International Journal of Fatigue, 2016, 87, 71-80.	2.8	55
98	Experimental strength assessment of thin steel plates with a central elongated circular opening. Journal of Constructional Steel Research, 2016, 118, 135-144.	1.7	23
99	Ultimate strength analysis of highly damaged plates. Marine Structures, 2016, 45, 63-85.	1.6	14
100	Strength assessment of steel plates subjected to compressive load and dent deformation. Structure and Infrastructure Engineering, 2016, 12, 995-1011.	2.0	6
101	Experimental investigation on the residual strength of thin steel plates with a central elliptic opening and locked cracks. Ocean Engineering, 2016, 115, 19-29.	1.9	27
102	Modular jacket offshore wind turbine support structure for the Northern Portuguese coastal zone. , 2016, , .		4
103	Structural design of an adaptable jacket offshore wind turbine support structure for deeper waters. , 2016, , 583-594.		3
104	Emergency repair of a single hull structure with locked cracks. , 2016, , 521-529.		2
105	Reduction in welding induced residual stresses and distortions of butt welded plates subjected to heat treatments. , 2016, , 481-488.		0
106	Yacht mast and rigging system software for design and analysis. , 2016, , 683-691.		0
107	Ultimate bending moment capacity of a single hull structure with large openings in side shell. , 2016, , 531-538.		0
108	Coating breakdown assessment of steel plates in marine structures subjected to compressive load. , 2016, , 557-568.		0

#	Article	IF	Citations
109	Fatigue analysis and optimization of non-load-carrying fillet welded joints based on the effective notch stress approach. , 2016, , 443-449.		0
110	Reliability analysis based on a direct ship hull strength assessment. Journal of Marine Science and Application, 2015, 14, 389-398.	0.7	4
111	Hull girder ultimate strength assessment based on experimental results and the dimensional theory. Engineering Structures, 2015, 100, 742-750.	2.6	34
112	Stressâ€“strain analysis of dented rectangular plates subjected to uni-axial compressive loading. Engineering Structures, 2015, 99, 78-91.	2.6	16
113	Numerical and parametric modeling and analysis of weld-induced residual stresses. International Journal of Mechanics and Materials in Design, 2015, 11, 439-453.	1.7	25
114	Fatigue damage assessment of fixed offshore wind turbine tripod support structures. Engineering Structures, 2015, 101, 518-528.	2.6	83
115	Ultimate strength assessment of welded stiffened plates. Engineering Structures, 2015, 84, 325-339.	2.6	32
116	Structural response of ship bottom floor plating during shoal grounding. , 2015, , 699-706.		0
117	Hull ultimate strength Structural capacity of an aging box girder accounting for the presence of a dent. , 2015, , 417-428.		1
118	Ultimate bending moment of a double span box girder with narrow stiffenerâ€™ spacing. , 2015, , 375-384.		1
119	Optimal allocation of response resources model verification on the example of oil spill on the Pomeranian Bay. , 2015, , 299-304.		0
120	Assessment of the retardation of in-service cracks in offshore welded structures subjected to variable amplitude load. , 2015, , 855-863.		3
121	Fatigue reliability of a web frame subjected to random non-uniform corrosion wastage. Structural Safety, 2014, 48, 51-62.	2.8	10
122	Reliability assessment of a steel plate subjected to distributed and localized corrosion wastage. Engineering Structures, 2014, 59, 13-20.	2.6	41
123	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
124	Residual ultimate strength assessment of stiffened panels with locked cracks. Thin-Walled Structures, 2014, 85, 398-410.	2.7	47
125	Fatigue reliability assessment of correlated welded web-frame joints. Journal of Marine Science and Application, 2014, 13, 23-31.	0.7	8
126	Fatigue strength experiments of corroded small scale steel specimens. International Journal of Fatigue, 2014, 59, 137-144.	2.8	53

#	ARTICLE	IF	CITATIONS
127	Strength assessment of a severely corroded box girder subjected to bending moment. Journal of Constructional Steel Research, 2014, 92, 90-102.	1.7	41
128	Tensile strength assessment of corroded small scale specimens. Corrosion Science, 2014, 85, 296-303.	3.0	142
129	A model for the life cycle analysis of ships: Environmental impact during construction, operation and recycling. , 2014, , 843-854.		2
130	Ship propulsion Toward the optimum design propulsion device for a specific trawler. , 2014, , 701-708.		0
131	A fundamental study on development of new higher performance anchors for safe maritime transportation. , 2014, , 681-688.		0
132	Reliability of ship hulls subjected to corrosion and maintenance. Structural Safety, 2013, 43, 1-11.	2.8	33
133	Ultimate strength assessment of a tanker hull based on experimentally developed master curves. Journal of Marine Science and Application, 2013, 12, 127-139.	0.7	11
134	Ultimate strength assessment of rectangular steel plates subjected to a random localised corrosion degradation. Engineering Structures, 2013, 52, 295-305.	2.6	100
135	Fatigue reliability of deck structures subjected to correlated crack growth. Journal of Marine Science and Application, 2013, 12, 413-421.	0.7	6
136	Ultimate strength assessment of corroded box girders. Ocean Engineering, 2013, 58, 35-47.	1.9	42
137	Effect of corrosion severity on the ultimate strength of a steel box girder. Engineering Structures, 2013, 49, 560-571.	2.6	73
138	Spectral fatigue damage assessment of tanker deck structural detail subjected to time-dependent corrosion. International Journal of Fatigue, 2013, 48, 147-155.	2.8	31
139	Time variant reliability assessment of ship structures with fast integration techniques. Probabilistic Engineering Mechanics, 2013, 32, 93-102.	1.3	30
140	Experimental assessment of corroded steel box-girders subjected to uniform bending. Ships and Offshore Structures, 2013, 8, 653-662.	0.9	28
141	DFR based fatigue reliability assessment of riveted lap joint accounting for correlations. International Journal of Fatigue, 2013, 47, 106-114.	2.8	12
142	Fatigue reliability assessment of a complex welded structure subjected to multiple cracks. Engineering Structures, 2013, 56, 868-879.	2.6	27
143	Round robin study on local stress and fatigue assessment of lap joints and doubler plates. Ships and Offshore Structures, 2013, 8, 621-627.	0.9	10
144	Finite element modelling of the ultimate strength of stiffened plates with residual stresses. , 2013, , 309-317.		6

#	ARTICLE	IF	CITATIONS
145	Ultimate strength assessment of steel plates with a large opening. , 2013, , 373-380.		2
146	Ultimate strength of a plate accounting for shakedown effect and corrosion degradation. , 2013, , 395-403.		3
147	Fatigue damage analysis of a fixed offshore wind turbine supporting structure. , 2013, , 415-424.		3
148	Spectral fatigue assessment of an offshore wind turbine structure under wave and wind loading. , 2013, , 425-433.		4
149	Effect of corrosion degradation on ultimate strength of steel box girders. Corrosion Engineering Science and Technology, 2012, 47, 272-283.	0.7	38
150	Uncertainty assessment of fatigue damage of welded ship structural joints. Engineering Structures, 2012, 44, 322-333.	2.6	15
151	Fatigue reliability assessment of riveted lap joint of aircraft structures. International Journal of Fatigue, 2012, 43, 54-61.	2.8	38
152	Fatigue damage assessment of corroded oil tanker details based on global and local stress approaches. International Journal of Fatigue, 2012, 43, 197-206.	2.8	26
153	Probabilistic model of the growth of correlated cracks in a stiffened panel. Engineering Fracture Mechanics, 2012, 84, 83-95.	2.0	30
154	Fatigue reliability of a stiffened panel subjected to correlated crack growth. Structural Safety, 2012, 36-37, 39-46.	2.8	32
155	Analysis of plate deflections during ultimate strength experiments of corroded box girders. Thin-Walled Structures, 2012, 54, 164-176.	2.7	61
156	Structural behaviour of a lightweight craft. , 2012, , 353-362.		2
157	Comparison of numerical and experimental results of the modal analysis of a ship deck panel. , 2012, , 363-366.		1
158	Effect of weld shape imperfections on the structural hot-spot stress distribution. Ships and Offshore Structures, 2011, 6, 145-159.	0.9	27
159	Compressive strength assessment of a moderately corroded box girder. Marine Systems and Ocean Technology, 2011, 6, 27-37.	0.5	17
160	Ultimate strength assessment of ageing steel plates subjected to random non-uniform corrosion wastage. , 2011, , 213-220.		6
161	Experimental assessment of the ultimate strength of a box girder subjected to severe corrosion. Marine Structures, 2011, 24, 338-357.	1.6	81
162	Effect of environmental factors on steel plate corrosion under marine immersion conditions. Corrosion Engineering Science and Technology, 2011, 46, 524-541.	0.7	96

#	Article	IF	Citations
163	Uncertainty assessment of the ultimate strength of a stiffened panel. , 2011, , 659-668.		4
164	Corrosion-Dependent Ultimate Strength Assessment of Aged Box Girders Based on Experimental Results. Journal of Ship Research, 2011, 55, 289-300.	0.5	26
165	Corrosion-Dependent Ultimate Strength Assessment of Aged Box Girders Based on Experimental Results. Journal of Ship Research, 2011, 55, 289-300.	0.5	13
166	Failures mode analysis of corroded steel structures subjected to compressive load. , 2011, , 503-510.		0
167	Round-robin on local stress determination and fatigue assessment of load-carrying fillet-welded joints. , 2011, , 295-302.		0
168	Influence of weld toe shape and material models on the ultimate strength of a slightly corroded box girder. , 2011, , 401-409.		1
169	Fatigue assessment of welded trapezoidal joints of a very fast ferry subjected to combined load. Engineering Structures, 2010, 32, 800-807.	2.6	14
170	Assessment of the Uncertainties Introduced by Different Fatigue Damage Models for Ship Structural Details. , 2010, , .		2
171	Methods of structural reliability applied to design and maintenance planning of ship hulls and floating platforms. , 2010, , 191-206.		3
172	Corrosion of steels in marine environment, monitoring and standards. , 2010, , 369-413.		6
173	Structural maintenance planning based on historical data of corroded deck plates of tankers. Reliability Engineering and System Safety, 2009, 94, 1806-1817.	5.1	24
174	Influence of environmental factors on corrosion of ship structures in marine atmosphere. Corrosion Science, 2009, 51, 2014-2026.	3.0	200
175	Corrosion wastage statistics and maintenance planning of corroded hull structures of bulk carriers. , 2009, , 215-222.		2
176	Large scale corrosion tests. , 2009, , 193-198.		3
177	Effect of uncertain weld shape on the structural hot-spot stress distribution. , 2009, , 267-278.		0
178	Fatigue analysis of ship deck structure accounting for imperfections. International Journal of Fatigue, 2008, 30, 1881-1897.	2.8	28
179	Corrosion wastage model for ship crude oil tanks. Corrosion Science, 2008, 50, 3095-3106.	3.0	96
180	Round robin study on structural hot-spot and effective notch stress analysis. Ships and Offshore Structures, 2008, 3, 335-345.	0.9	34

#	ARTICLE	IF	CITATIONS
181	Reliability of aged ship structures. , 2008, , 253-286.		3
182	Nondestructive Corrosion Inspection Modeling of Tanker Structures. , 2008, , .		3
183	Current practices and recent advances in condition assessment of aged ships. Ships and Offshore Structures, 2007, 2, 261-271.	0.9	25
184	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
185	Corrosion Modelling of Single Hull Crude Oil Tanker Subjected to Multiple Deterioration Environments. , 2007, , .		6
186	Wave-induced design bending moment assessment for any given ship's operational life. Ships and Offshore Structures, 2006, 1, 221-227.	0.9	7
187	Modelling Strength Degradation Phenomena and Inspections Used for Reliability Assessment Based on Maintenance Planning. , 2006, , 69.		3
188	Water and air pollution caused by maritime activities. , 2006, , 1737-1749.		0
189	Non-Linear Time Dependent Corrosion Wastage of Deck Plates of Ballast and Cargo Tanks of Tankers. , 2005, , .		9
190	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.	0.6	6
191	Influence of steel strength on the fatigue reliability of welded structural components. International Journal of Fatigue, 2004, 26, 753-762.	2.8	18
192	Bayesian Updating in the Reliability Assessment of Maintained Floating Structures. Journal of Offshore Mechanics and Arctic Engineering, 2002, 124, 139-145.	0.6	34
193	Assessment of Geometry Correction Functions of Tanker Knuckle Details Based on Fatigue Tests and Finite Element Analysis. , 2002, , 307.		0
194	Fatigue Damage of Structural Joints Accounting for Nonlinear Corrosion. Journal of Ship Research, 2002, 46, 289-298.	0.5	14
195	Cost and reliability based strategies for fatigue maintenance planning of floating structures. Reliability Engineering and System Safety, 2001, 73, 293-301.	5.1	92
196	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
197	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
198	Reliability of maintained, corrosion protected plates subjected to non-linear corrosion and compressive loads. Marine Structures, 1999, 12, 425-445.	1.6	199

#	Article	IF	Citations
199	Reliability of Corrosion Protected and Maintained Ship Hulls Subjected to Corrosion and Fatigue. Journal of Ship Research, 1999, 43, 65-78.	0.5	41
200	Reliability of maintained ship hull girders subjected to corrosion and fatigue. Structural Safety, 1998, 20, 201-219.	2.8	66
201	Fatigue Reliability of Maintained Welded Joints in the Side Shell of Tankers. Journal of Offshore Mechanics and Arctic Engineering, 1998, 120, 2-9.	0.6	30
202	Reliability assessment of maintained ship hulls with correlated corroded elements. Marine Structures, 1997, 10, 629-653.	1.6	35
203	Fatigue Reliability of Ship Hulls with Random Limit State. , 1997, , 1467-1474.		1
204	Fatigue reliability of the ship hull girder accounting for inspection and repair. Reliability Engineering and System Safety, 1996, 51, 341-351.	5.1	85
205	Fatigue reliability of the ship hull girder. Marine Structures, 1996, 9, 495-516.	1.6	39
206	Reliability of Maintained Ship Hulls Subjected to Corrosion. Journal of Ship Research, 1996, 40, 235-243.	0.5	71
207	Towards Green Marine Technology and Transport. , 0, , .		4