

RIZZO CESARE MARIO

Overview

- ? Unit: NAV
- ? Role: Professore ordinario
- ? Grade: Prof.Ordinario Legge 240/10 - t.pieno - classe 2
- ? SSD: IIND-01/B (Costruzioni e impianti navali)
- ? Scopus ID: 15072981100
- ? Unige Id: 056378
- ? Retrieved at: 2025-11-14T15:14:15.619709

Contact

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- ? Phone: +39 010 33 52272
- ? Page: <https://rubrica.unige.it/personale/VUZBWF1h>
- ? Locations: Villa Cambiaso - padiglioni (ED161450103), piano Terra, US161450103.T.106

Career

- ? Ru, 2012-05-01 ? 2014-07-31
- ? Pa, 2014-08-01 ? 2021-08-31
- ? Po, 2021-09-01 ? 2222-02-02

Responsibilities

- ? Title: Componente di Comitato tecnico-scientifico di centro strategico di Ateneo
- ? Unit: Centro del mare
- ? Period: 2023-01-01 ? 2025-12-31

Teaching

2025

- ? Progetto Delle Imbarcazioni A Vela (56996), L-9 - Ingegneria Nautica
- ? Costruzione Navale (111336), Lm-34 - Ingegneria Navale
- ? Yacht Rigging (66397), Lm-34 - Yacht Design
- ? Tecnologie Per La Sostenibilit^ -Modulo C (111012), Sts PI - Indirizzo Scienze E Tecnologie Della Sostenibilit^

2024

- ? Progetto Delle Imbarcazioni A Vela A (Cdl) (56996), L-9 - Ingegneria Nautica
- ? Costruzione Navale (111336), Lm-34 - Ingegneria Navale
- ? Yacht Rigging (66397), Lm-34 - Yacht Design

2023

- ? Progetto Delle Imbarcazioni A Vela A (56996), L-9 - Ingegneria Nautica
- ? Costruzione Navale (56644), Lm-34 - Ingegneria Navale
- ? Yacht Rigging (66397), Lm-34 - Yacht Design
- ? Ship Structures And Strength (101128), L-28 - Maritime Science And Technology
- ? Tecnologie Per La Sostenibilit^ -Modulo C (111012), Sts PI - Indirizzo Scienze E Tecnologie Della Sostenibilit^
- ? Maritime Sustainability (95131), Sts PI - Indirizzo Scienze E Tecnologie Della Sostenibilit^

2022

- ? Costruzione Navale (56644), Lm-34 - Ingegneria Navale
- ? Yacht Rigging (66397), Lm-34 - Yacht Design
- ? Yacht Rigging (66397), Lm-34 - Yacht Design

? Ship Structures And Strength (101128), L-28 - Maritime Science And Technology
? Tecnologie Per La Sostenibilit` -Modulo C (111012), Sts PI - Indirizzo Scienze E
Tecnologie Della Sostenibilita'

2021

? Costruzione Navale (56644), Lm-34 - Ingegneria Navale
? Ship Structures (66289), Lm-34 - Yacht Design
? Maritime Sustainability (95131), Sts PI-In2 - Indirizzo Scienze E Tecnologie Della
Sostenibilita'
? Ship Structures And Strength (101128), L-28 - Maritime Science And Technology

2020

? Costruzione Navale (56644), Lm-34 - Ingegneria Navale
? Ship Structures (66289), Lm-34 - Yacht Design
? Ship Structures And Strength (101128), L-28 - Maritime Science And Technology

Scopus Metrics

? absolute; Docs: 126; Journals: 63; Conferences: 52; Citations: 890; H-index: 16
? 15 years (2010-2025); Docs: 106; Journals: 57; Conferences: 41; Citations: 747; H-index:
15
? 10 years (2015-2025); Docs: 77; Journals: 46; Conferences: 27; Citations: 488; H-index:
11
? 05 years (2020-2025); Docs: 33; Journals: 23; Conferences: 8; Citations: 196; H-index: 8

Scopus Products

1.

? Title: Experimental and numerical assessment of ultimate strength of a transversally loaded thin-walled deck structure
? Venue: Marine Structures
? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 3
? DOI: 10.1016/j.marstruc.2025.103793
? Scopus ID: 2-s2.0-85218884211
? Issn: 09518339
? Volume: 103
? Authors: Barsotti Beatrice; Battini Carlo; Gaiotti Marco; Rizzo Cesare Mario;
Vergassola Gianmarco
? Keywords: Buckling | Collapse | Large-scale test | Nonlinear analysis | Stiffened
panel | Ultimate strength
? Quartile:
2025:
? Ocean Engineering (Q1, rank 7, percentile 94)
? Mechanical Engineering (Q1, rank 69, percentile 90)
? Mechanics of Materials (Q1, rank 47, percentile 88)
? Materials Science (all) (Q1, rank 80, percentile 82)
? Source Id: 21052
? Author Ids: 57219353053;56543518100;55200599100;15072981100;57191615489
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Barsotti B.

2.

? Title: An Overview of the Shipbuilding Labour Market: The LeaderSHIP EU Project
? Venue: Progress in Marine Science and Technology

? Year: 2025
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.3233/Pmst250079
? Scopus ID: 2-s2.0-105016215567
? Issn: 25430955
? eISSN: 25430963
? Volume: 10
? Pages: 655-662
? Authors: Pais T.; Vergassola G.; Gaiotti M.; Rizzo C. M.; Valtanen J.; Kivela S.; Lenarduzzi W.; Hauninen M.; Laot A. H.; Gilles P. P.; El Faziki M.; Nechita M.; Popescu G.; Thormodsæter J.; Severeide K.; Mendibil A.; Miguelez F.; Campos J. A.; Sanchez-Beaskoetxea J.; Boullosa-Falces D.; Rossi A.
? Keywords: Shipbuilding Labour Market | Skills Gap Analysis | Technological Innovation
? Quartile:
2025:
? Safety, Risk, Reliability and Quality (Q4, rank 200, percentile 22)
? Ocean Engineering (Q4, rank 99, percentile 15)
? Mechanical Engineering (Q4, rank 640, percentile 13)
? Source Id: 21101107127
? Author Ids: 55611778200;57191615489;55200599100;15072981100;60102554300;60102406600;59368573400;60102785200;60102708800;60102481300;60102481400;57204506264;57220533294;60102481500;60102628000;60102481600;60102863100;60102628100;56488011400;57195382082;60102554400
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60098990;60098990;133181381;133181696;133181434;60084005;133181432;60008717;60008717;133181400;133181409;133181602;101929443;60006565;60027856;60027856;133181613
? Corresponding: Pais T.

3.

? Title: Comparison of Analytical and Experimental Natural Frequencies of a Composite Beam
? Venue: Progress in Marine Science and Technology
? Year: 2025
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.3233/Pmst250004
? Scopus ID: 2-s2.0-105016143492
? Issn: 25430955
? eISSN: 25430963
? Volume: 10
? Pages: 12-20
? Authors: Angelici Giuseppe; Pais Tatiana; Vergassola Gianmarco; Rizzo Cesare Mario
? Keywords: classical laminate theory | composite materials | Experimental Modal Analysis | material characterization | yacht
? Quartile:
2025:
? Safety, Risk, Reliability and Quality (Q4, rank 200, percentile 22)
? Ocean Engineering (Q4, rank 99, percentile 15)
? Mechanical Engineering (Q4, rank 640, percentile 13)
? Source Id: 21101107127
? Author Ids: 60102689300;55611778200;57191615489;15072981100
? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Angelici G.

4.

? Title: Analysis of the dimensions of the lightening holes in the deck beams of a hull

? Venue: Rivista Italiana Della Saldatura

? Year: 2025

? Type: Journal

? Subtype: Article

? Citations: 0

? Scopus ID: 2-s2.0-105018813598

? Issn: 00356794

? Issue: 4

? Pages: 395-408

? Authors: Bianchi Giada; Aguiari Martina; Oppicini Francesca; Rizzo Cesare Mario

? Keywords: design | finite element analysis | Shipbuilding | structural members

? Quartile:

2025:

? Mechanical Engineering (Q4, rank 721, percentile 2)

? Mechanics of Materials (Q4, rank 412, percentile 0)

? Source Id: 29510

? Author Ids: 60142295000;57212109023;56045320700;15072981100

? Authoraffiliationids: 60025153;60025153;60083109;60025153

? Corresponding: Bianchi G.

5.

? Title: Study of the effects of underwater explosions on the bases of on-board equipment in naval units: Experimental validation of numerical models

? Venue: Rivista Italiana Della Saldatura

? Year: 2025

? Type: Journal

? Subtype: Article

? Citations: 0

? Scopus ID: 2-s2.0-105015841810

? Issn: 00356794

? Issue: 2

? Pages: 167-185

? Authors: Mannacio Francesco; Barbato Alfonso; Di Marzo Fabrizio; Gaiotti Marco; Rizzo Cesare Mario; Venturini Marco

? Keywords: computation | Finite element analysis | mathematical models | underwater environment

? Quartile:

2025:

? Mechanical Engineering (Q4, rank 721, percentile 2)

? Mechanics of Materials (Q4, rank 412, percentile 0)

? Source Id: 29510

? Author Ids: 57670726600;13005232300;57671630400;55200599100;15072981100;57671630500

? Authoraffiliationids: 60025153;60083109;127259049;60025153;60025153;127259049

? Corresponding: Mannacio F.

6.

? Title: A rational approach for the scantling design of GRP pleasure crafts

? Venue: Ocean Engineering

? Year: 2024

? Type: Journal

? Subtype: Article

? Citations: 1

? DOI: 10.1016/j.oceaneng.2024.117866

? Scopus ID: 2-s2.0-85190502162
? Issn: 00298018
? Volume: 304
? Authors: Gaiotti M.; Aguiari M.; Vergassola G.; Rizzo C. M.
? Keywords: GRP vessels | Scantling design | Weight reduction
? Quartile:
2025:
? Ocean Engineering (Q1, rank 6, percentile 95)
? Environmental Engineering (Q1, rank 38, percentile 83)
2024:
? Ocean Engineering (Q1, rank 12, percentile 89)
? Environmental Engineering (Q1, rank 45, percentile 79)
? Source Id: 28339
? Author Ids: 55200599100;57212109023;57191615489;15072981100
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Gaiotti M.

7.
? Title: A Design Approach to Assess Effects of Non-Contact Underwater Explosions on Naval Composite Vessels
? Venue: Journal of Marine Science and Application
? Year: 2024
? Type: Journal
? Subtype: Article
? Citations: 2
? DOI: 10.1007/s11804-024-00421-6
? Scopus ID: 2-s2.0-85194164622
? Issn: 16719433
? eISSN: 19935048
? Volume: 23
? Issue: 2
? Pages: 316-326
? Authors: Mannacio F.; Di Marzo F.; Gaiotti M.; Rizzo C. M.; Venturini M.
? Keywords: Composites | Experimental analysis | Fluid-structure interaction | Numerical simulation | Preliminary design | Shock resistance | Underwater explosions | Vulnerability

? Quartile:
2025:
? Ocean Engineering (Q2, rank 39, percentile 66)
? Mechanical Engineering (Q2, rank 253, percentile 65)
2024:
? Ocean Engineering (Q2, rank 44, percentile 61)
? Mechanical Engineering (Q2, rank 296, percentile 58)
? Source Id: 5400152711
? Author Ids: 57670726600;57671630400;55200599100;15072981100;57671630500
? Authoraffiliationids: 131297705;131297705;60025153;60025153;131297705
? Corresponding: Mannacio F.

8.
? Title: An open benchmark to assess the effects of underwater explosions on steel panels using the volume of fluid approach
? Venue: Ocean Engineering
? Year: 2023
? Type: Journal
? Subtype: Article
? Citations: 3

? DOI: 10.1016/j.oceaneng.2023.116093

? Scopus ID: 2-s2.0-85174731719

? Issn: 00298018

? Volume: 288

? Authors: Mannacio F.; Di Marzo F.; Gaiotti M.; Rizzo C. M.; Venturini M.

? Keywords: Benchmark | Experimental analysis | Fluid-structure interaction | Numerical simulation | Shock | Underwater explosions

? Quartile:

2025:

? Ocean Engineering (Q1, rank 6, percentile 95)

? Environmental Engineering (Q1, rank 38, percentile 83)

2023:

? Ocean Engineering (Q1, rank 14, percentile 87)

? Environmental Engineering (Q1, rank 48, percentile 75)

? Source Id: 28339

? Author Ids: 57670726600;57671630400;55200599100;15072981100;57671630500

? Authoraffiliationids: 128084535;128084535;60025153;60025153;128084535

? Corresponding: Mannacio F.

9.

? Title: Development of a retrofit layer with an embedded array of piezoelectric sensors for transient pressure measurement in maritime applications

? Venue: Marine Structures

? Year: 2023

? Type: Journal

? Subtype: Article

? Citations: 4

? DOI: 10.1016/j.marstruc.2023.103395

? Scopus ID: 2-s2.0-85150430671

? Issn: 09518339

? Volume: 89

? Authors: Riccioli Filippo; Huijer Arnaud; Grasso Nicola; Rizzo Cesare M.; Pahlavan Lotfollah

? Keywords: Embedded sensor | Inverse procedure | Piezoelectric sensor | Pressure field measurement | Spectral element method

? Quartile:

2025:

? Ocean Engineering (Q1, rank 7, percentile 94)

? Mechanical Engineering (Q1, rank 69, percentile 90)

? Mechanics of Materials (Q1, rank 47, percentile 88)

? Materials Science (all) (Q1, rank 80, percentile 82)

2023:

? Ocean Engineering (Q1, rank 11, percentile 90)

? Mechanical Engineering (Q1, rank 76, percentile 88)

? Mechanics of Materials (Q1, rank 55, percentile 86)

? Materials Science (all) (Q1, rank 90, percentile 80)

? Source Id: 21052

? Author Ids: 58054828200;57297804200;56912346300;15072981100;23012951000

? Authoraffiliationids: 60118236;60118236;60029978;60025153;60118236

? Corresponding: Riccioli F.

10.

? Title: Hull girder ultimate strength assessment according to rules requirements

? Venue: Advances in the Analysis and Design of Marine Structures Proceedings of the 9th International Conference on Marine Structures Marstruct 2023

? Year: 2023

? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1201/9781003399759-41
? Scopus ID: 2-s2.0-85185839602
? Pages: 375-384
? Authors: Aguiari M.; Rizzo C. M.; Salio M. P.; Sánchez E. García; Rey S. Lazaro; Safta M.; Nedaei A.
? Source Id: 21101202189
? Author Ids:
57212109023;15072981100;55332828700;58903662200;58903582200;58903507100;58896959500
? Authoraffiliationids: 60025153;;60083109;121610749;121610749;130941874;127669250
? Corresponding: Aguiari M.

11.

? Title: Characterization of underwater shock transient effects on naval E-glass biaxial fiberglass laminates: An experimental and numerical method
? Venue: Applied Ocean Research
? Year: 2022
? Type: Journal
? Subtype: Article
? Citations: 6
? DOI: 10.1016/j.apor.2022.103356
? Scopus ID: 2-s2.0-85138021167
? Issn: 01411187
? Volume: 128
? Authors: Mannacio F.; Di Marzo F.; Gaiotti M.; Guzzo M.; Rizzo C. M.; Venturini M.
? Keywords: Composites | Experimental analysis | Fiberglass | Numerical simulation | Shock | Underwater explosions
? Quartile:
2025:
? Ocean Engineering (Q1, rank 15, percentile 87)
2022:
? Ocean Engineering (Q1, rank 13, percentile 87)
? Source Id: 26776
? Author Ids: 57670726600;57671630400;55200599100;57890839800;15072981100;57671630500
? Authoraffiliationids:
128084535-60025153;128084535;60025153;60211436;60025153;128084535
? Corresponding: Mannacio F.

12.

? Title: Ship weight reduction by parametric design of hull scantling
? Venue: Ocean Engineering
? Year: 2022
? Type: Journal
? Subtype: Article
? Citations: 11
? DOI: 10.1016/j.oceaneng.2022.112370
? Scopus ID: 2-s2.0-85137095436
? Issn: 00298018
? Volume: 263
? Authors: Aguiari M.; Gaiotti M.; Rizzo C. M.
? Keywords: Design process | Parametric design | Rule requirements | Scantling | Ship structures
? Quartile:
2025:

? Ocean Engineering (Q1, rank 6, percentile 95)
? Environmental Engineering (Q1, rank 38, percentile 83)
2022:
? Ocean Engineering (Q1, rank 16, percentile 84)
? Environmental Engineering (Q1, rank 46, percentile 75)
? Source Id: 28339
? Author Ids: 57212109023;55200599100;15072981100
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Aguiari M.

- 13.
- ? Title: A Quick and Practical Approach for Concept-design of Submerged Thin-walled Stiffened Cylinders
? Venue: Journal of Marine Science and Application
? Year: 2022
? Type: Journal
? Subtype: Article
? Citations: 3
? DOI: 10.1007/s11804-022-00280-z
? Scopus ID: 2-s2.0-85139423839
? Issn: 16719433
? eISSN: 19935048
? Volume: 21
? Issue: 3
? Pages: 138-154
? Authors: Pais Tatiana; Gaiotti Marco; Rizzo Cesare Mario
? Keywords: Buckling | Concept/preliminary design | Hull scantling | Limit state design | Optimization | Submarines | Thin-walled cylinders
? Quartile:
2025:
? Ocean Engineering (Q2, rank 39, percentile 66)
? Mechanical Engineering (Q2, rank 253, percentile 65)
2022:
? Ocean Engineering (Q2, rank 47, percentile 53)
? Mechanical Engineering (Q2, rank 300, percentile 52)
? Source Id: 5400152711
? Author Ids: 55611778200;55200599100;15072981100
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Pais T.

- 14.
- ? Title: Shock Characterization of Fiberglass Composite Laminates: Numerical and Experimental Comparison
? Venue: Progress in Marine Science and Technology
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.3233/Pmst220048
? Scopus ID: 2-s2.0-85138178431
? Issn: 25430955
? eISSN: 25430963
? Volume: 6
? Pages: 408-415
? Authors: Mannacio Francesco; Di Marzo Fabrizio; Gaiotti Marco; Guzzo Massimo; Rizzo Cesare Mario; Venturini Marco

? Keywords: composites | design | experimental | numerical | shock

? Quartile:

2025:

? Safety, Risk, Reliability and Quality (Q4, rank 200, percentile 22)

? Ocean Engineering (Q4, rank 99, percentile 15)

? Mechanical Engineering (Q4, rank 640, percentile 13)

2022:

? Ocean Engineering (Q4, rank 91, percentile 9)

? Safety, Risk, Reliability and Quality (Q4, rank 178, percentile 7)

? Mechanical Engineering (Q4, rank 600, percentile 4)

? Source Id: 21101107127

? Author Ids: 57670726600;57671630400;55200599100;57890839800;15072981100;57671630500

? Authoraffiliationids:

128084535-60025153;128084535;60025153;60211436;60025153;128084535

? Corresponding: Mannacio F.

15.

? Title: Shock effects of underwater explosion on naval ship foundations: Validation of numerical models by dedicated tests

? Venue: Ocean Engineering

? Year: 2022

? Type: Journal

? Subtype: Article

? Citations: 25

? DOI: 10.1016/j.oceaneng.2022.111290

? Scopus ID: 2-s2.0-85129684332

? Issn: 00298018

? Volume: 253

? Authors: Mannacio F.; Barbato A.; Di Marzo F.; Gaiotti M.; Rizzo C. M.; Venturini M.

? Keywords: Experimental | Foundation | Numerical | Shock | Underwater explosion

? Quartile:

2025:

? Ocean Engineering (Q1, rank 6, percentile 95)

? Environmental Engineering (Q1, rank 38, percentile 83)

2022:

? Ocean Engineering (Q1, rank 16, percentile 84)

? Environmental Engineering (Q1, rank 46, percentile 75)

? Source Id: 28339

? Author Ids: 57670726600;13005232300;57671630400;55200599100;15072981100;57671630500

? Authoraffiliationids:

128084535-60025153;60083109;128084535;60025153;60025153;128084535

? Corresponding: Mannacio F.

16.

? Title: Analysis of the underwater explosion shock effects on a typical naval ship foundation structure: Experimental and numerical investigation

? Venue: Proceedings in Marine Technology and Ocean Engineering

? Year: 2022

? Type: Book Series

? Subtype: Book Chapter

? Citations: 1

? Doi: 10.1201/9781003230373-8

? Scopus ID: 2-s2.0-85216609274

? Issn: 2638647x

? eISSN: 26386461

? Volume: 7

- ? Pages: 65-73
? Authors: Mannacio F.; Barbato A.; Rizzo C. M.; Gaiotti M.; Venturini M.
? Quartile:
2025:
? Ocean Engineering (Q3, rank 73, percentile 37)
? Source Id: 21101270843
? Author Ids: 57670726600;13005232300;15072981100;55200599100;57671630500
? Authoraffiliationids: 60025153-131297705;60083109;60025153;60025153;131297705
? Corresponding: Mannacio F.
17.
? Title: Committee V.2 Experimental Methods
? Venue: Proceedings of the 21st International Ship and Offshore Structures Congress Issc 2022
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5
? Doi: 10.5957/Issc-2022-Committee-V-2
? Scopus ID: 2-s2.0-85158899064
? Volume: 2
? Pages: 91-161
? Authors: Ehlers Soren; Abdussamie Nagi; Branner Kim; Fu Shi Xiao; Hoogeland Martijn; Kolari Kari; Lara Paul; Michailides Constantine; Murayama Hideaki; Rizzo Cesare; Seo Jung Kwan; Kaeding Patrick
? Keywords: Corrosion testing | DIC (Digital Image Correlation) | Digital twin model | Experimental Methods | Fatigue testing | Full-scale iced load measurements | Health monitoring model | Hybride model testing | Hydrodynamic of Flexible Structures | Large scale impact testing | Scaling Laws | Vibrations | Wave-in-deck
? Source Id: 21101150729
? Author Ids: 24483251900;56349134200;22937137000;56394715900;57196403693;6507730042;57190439131;35366734800;7102596520;15072981100;36890591400;7801590313
? Corresponding: Ehlers S.
18.
? Title: A design approach to reduce hull weight of naval ships
? Venue: Ship Technology Research
? Year: 2022
? Type: Journal
? Subtype: Article
? Citations: 7
? Doi: 10.1080/09377255.2021.1947666
? Scopus ID: 2-s2.0-85109904613
? Issn: 09377255
? eISSN: 20567111
? Volume: 69
? Issue: 2
? Pages: 89-104
? Authors: Aguiari M.; Gaiotti M.; Rizzo C. M.
? Keywords: design process | limit state | parametric design | rule requirements | scantling | Ship structures | structural assessment | weight reduction
? Quartile:
2025:
? Ocean Engineering (Q2, rank 55, percentile 53)
2022:
? Ocean Engineering (Q2, rank 34, percentile 66)

? Source Id: 27317
? Author Ids: 57212109023;55200599100;15072981100
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Aguiari M.

19.

? Title: Robotic inspection of ships: inherent challenges and assessment of their effectiveness
? Venue: Ships and Offshore Structures
? Year: 2022
? Type: Journal
? Subtype: Article
? Citations: 16
? Doi: 10.1080/17445302.2020.1866378
? Scopus ID: 2-s2.0-85098516150
? Issn: 17445302
? Volume: 17
? Issue: 4
? Pages: 742-756
? Authors: Poggi Laura; Gaggero Tomaso; Gaiotti Marco; Ravina Enrico; Rizzo Cesare Mario
? Keywords: assessment | remote inspections | robotic technologies | Ship maintenance | surveys | testing facility
? Quartile:
2025:
? Ocean Engineering (Q2, rank 33, percentile 71)
? Mechanical Engineering (Q2, rank 235, percentile 68)
2022:
? Mechanical Engineering (Q2, rank 226, percentile 64)
? Ocean Engineering (Q2, rank 37, percentile 63)
? Source Id: 19700186818
? Author Ids: 57215527236;55212255700;55200599100;55621181100;15072981100
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Poggi L.

20.

? Title: Evaluation of Cyclic Loading Effects on Residual Stress Relaxation in Offshore Wind Welded Structures
? Venue: Journal of Multiscale Modelling
? Year: 2021
? Type: Journal
? Subtype: Article
? Citations: 6
? Doi: 10.1142/S1756973721500050
? Scopus ID: 2-s2.0-85113173099
? Issn: 17569737
? eISSN: 17569745
? Volume: 12
? Issue: 2
? Authors: Statti Giuseppe; Mehmanparast Ali; Biswal Romali; Rizzo Cesare Mario
? Keywords: cyclic loading | monopiles | offshore wind turbines | Residual stress relaxation | welded joints
? Quartile:
2025:
? Modeling and Simulation (Q3, rank 263, percentile 30)
? Computer Science Applications (Q3, rank 728, percentile 25)

2021:

- ? Computer Science Applications (Q3, rank 516, percentile 30)
- ? Modeling and Simulation (Q3, rank 217, percentile 28)
- ? Source Id: 19900193684
- ? Author Ids: 57226861245;36091462600;57203766259;15072981100
- ? Authoraffiliationids: 60004407;60004407;60004407;60025153
- ? Corresponding: Statti G.

21.

- ? Title: Robotic inspection of ships: inherent challenges and assessment of their effectiveness
- ? Venue: Rivista Italiana Della Saldatura
- ? Year: 2021
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 0
- ? Scopus ID: 2-s2.0-85128908896
- ? Issn: 00356794
- ? Volume: 73
- ? Issue: 3
- ? Pages: 369-392
- ? Authors: Poggi Laura; Gaggero Tomaso; Gaiotti Marco; Ravina Enrico; Rizzo Cesare Mario
- ? Keywords: in service operations | Nondestructive testing | real time operations | shipbuilding | ships | standards
- ? Quartile:

2025:

- ? Mechanical Engineering (Q4, rank 721, percentile 2)
- ? Mechanics of Materials (Q4, rank 412, percentile 0)

2021:

- ? Mechanical Engineering (Q4, rank 597, percentile 0)
- ? Mechanics of Materials (Q4, rank 384, percentile 0)
- ? Source Id: 29510
- ? Author Ids: 57215527236;55212255700;55200599100;55621181100;15072981100
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
- ? Corresponding: Poggi L.

22.

- ? Title: Performance characterization of high-strength steel and quenched and tempered steels and their joints for structural applications
- ? Venue: Welding in the World
- ? Year: 2021
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 10
- ? DOI: 10.1007/s40194-020-01019-6
- ? Scopus ID: 2-s2.0-85094659192
- ? Issn: 00432288
- ? eISSN: 18786669
- ? Volume: 65
- ? Issue: 2
- ? Pages: 289-300
- ? Authors: Aguiari Martina; Palombo Marco; Rizzo Cesare Mario
- ? Keywords: Characterization | Experimental tests | Fatigue strength | High strength | Low alloy steel | QT steel
- ? Quartile:

2025:

- ? Metals and Alloys (Q1, rank 44, percentile 75)
- ? Mechanical Engineering (Q2, rank 219, percentile 70)
- ? Mechanics of Materials (Q2, rank 146, percentile 64)

2021:

- ? Metals and Alloys (Q2, rank 42, percentile 73)
- ? Mechanical Engineering (Q2, rank 217, percentile 63)
- ? Mechanics of Materials (Q2, rank 155, percentile 59)

? Source Id: 12037

? Author Ids: 57212109023;56206205300;15072981100

? Authoraffiliationids: 60025153;60267283;60025153

? Corresponding: Aguiari M.

23.

? Title: Structural surface assessment of ship structures intended for robotic inspection applications

? Venue: Proceedings in Marine Technology and Ocean Engineering

? Year: 2021

? Type: Book Series

? Subtype: Book Chapter

? Citations: 1

? Doi: 10.1201/9781003230373-64

? Scopus ID: 2-s2.0-85185318302

? Issn: 2638647x

? eISSN: 26386461

? Volume: 2021

? Pages: 563-572

? Authors: Shah F. M.; Gaggero T.; Gaiotti M.; Ivaldi L.; Rizzo C. M.

? Quartile:

2025:

- ? Ocean Engineering (Q3, rank 73, percentile 37)

? Source Id: 21101270843

? Author Ids: 57202602309;55212255700;55200599100;57863161300;15072981100

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153

? Corresponding: Shah F.M.

24.

? Title: Condition assessment of ship structure using robot assisted 3D-reconstruction

? Venue: Ship Technology Research

? Year: 2021

? Type: Journal

? Subtype: Article

? Citations: 10

? Doi: 10.1080/09377255.2021.1872219

? Scopus ID: 2-s2.0-85099578385

? Issn: 09377255

? eISSN: 20567111

? Volume: 68

? Issue: 3

? Pages: 129-146

? Authors: Shah Faisal Mehmood; Gaggero Tomaso; Gaiotti Marco; Rizzo Cesare Mario

? Keywords: 3D-reconstruction | ship inspection applications | structural condition assessment | structure from motion

? Quartile:

2025:

- ? Ocean Engineering (Q2, rank 55, percentile 53)

2021:

- ? Ocean Engineering (Q2, rank 37, percentile 62)
- ? Source Id: 27317
- ? Author Ids: 57202602309;55212255700;55200599100;15072981100
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153
- ? Corresponding: Shah F.M.

25.

- ? Title: FSI simulations for sailing yacht high performance appendages
- ? Venue: Ships and Offshore Structures
- ? Year: 2021
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 4
- ? Doi: 10.1080/17445302.2020.1718826
- ? Scopus ID: 2-s2.0-85079152089
- ? Issn: 17445302
- ? Volume: 16
- ? Issue: 2
- ? Pages: 200-215
- ? Authors: D?Ubaldo Olivia; Ghelardi Stefano; Rizzo Cesare M.
- ? Keywords: Aero/hydro-elasticity | Fluid-Structure Interaction (FSI) | flutter | natural frequency | numerical simulations | resonance
- ? Quartile:

2025:

- ? Ocean Engineering (Q2, rank 33, percentile 71)
- ? Mechanical Engineering (Q2, rank 235, percentile 68)

2021:

- ? Mechanical Engineering (Q2, rank 203, percentile 66)
- ? Ocean Engineering (Q2, rank 34, percentile 65)
- ? Source Id: 19700186818
- ? Author Ids: 57214792625;56030081700;15072981100
- ? Authoraffiliationids: 60025153;60025153;60025153
- ? Corresponding: D?Ubaldo O.

26.

- ? Title: Recent Industrial Developments of Marine Composites Limit States and Design Approaches on Strength
 - ? Venue: Journal of Marine Science and Application
 - ? Year: 2020
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 34
 - ? DOI: 10.1007/s11804-020-00171-1
 - ? Scopus ID: 2-s2.0-85092354518
 - ? Issn: 16719433
 - ? eISSN: 19935048
 - ? Volume: 19
 - ? Issue: 4
 - ? Pages: 553-566
 - ? Authors: Barsotti Beatrice; Gaiotti Marco; Rizzo Cesare Mario
 - ? Keywords: FEM | Limit state design | Marine composites | Material characterization | Navy ships | Pleasure crafts | Ultimate strength | Yachts
 - ? Quartile:
- 2025:
- ? Ocean Engineering (Q2, rank 39, percentile 66)

? Mechanical Engineering (Q2, rank 253, percentile 65)
2020:
? Ocean Engineering (Q2, rank 44, percentile 54)
? Mechanical Engineering (Q3, rank 325, percentile 45)
? Source Id: 5400152711
? Author Ids: 57219353053;55200599100;15072981100
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Barsotti B.

- 27.
- ? Title: Performance characterization of joints in S355 grade steel and quenched and tempered steels for structural applications
 - ? Venue: Rivista Italiana Della Saldatura
 - ? Year: 2020
 - ? Type: Journal
 - ? Subtype: Conference Paper
 - ? Citations: 0
 - ? Scopus ID: 2-s2.0-85129023934
 - ? Issn: 00356794
 - ? Volume: 72
 - ? Issue: 5
 - ? Pages: 517-527
 - ? Authors: Aguiari Martina; Palombo Marco; Rizzo Cesare Mario
 - ? Keywords: bead on plate | corrosion tests | design | fatigue tests | hardness test | mechanical tests | process parameters | steel construction | strength | Structural steels | welded joints
 - ? Quartile:
- 2025:
- ? Mechanical Engineering (Q4, rank 721, percentile 2)
 - ? Mechanics of Materials (Q4, rank 412, percentile 0)
- 2020:
- ? Mechanical Engineering (Q4, rank 584, percentile 2)
 - ? Mechanics of Materials (Q4, rank 377, percentile 0)
- ? Source Id: 29510
 - ? Author Ids: 57212109023;56206205300;15072981100
 - ? Authoraffiliationids: 60025153;60267283;60025153
 - ? Corresponding: Aguiari M.
- 28.
- ? Title: Assessment of ship robotic inspections
 - ? Venue: IEEE International Conference on Emerging Technologies and Factory Automation ETFA
 - ? Year: 2020
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 3
 - ? Doi: 10.1109/Etfa46521.2020.9211949
 - ? Scopus ID: 2-s2.0-85093359103
 - ? Issn: 19460740
 - ? eISSN: 19460759
 - ? Volume: 2020-September
 - ? Pages: 1495-1502
 - ? Authors: Poggi Laura; Rizzo Cesare Mario; Gaggero Tomaso; Gaiotti Marco; Ravina Enrico
 - ? Keywords: assessment | inspection | robotic technologies | ship | testing facility
 - ? Quartile:

2025:

- ? Industrial and Manufacturing Engineering (Q2, rank 197, percentile 51)
- ? Electrical and Electronic Engineering (Q3, rank 510, percentile 48)
- ? Control and Systems Engineering (Q3, rank 199, percentile 47)
- ? Computer Science Applications (Q3, rank 566, percentile 42)
- ? Source Id: 21100275520
- ? Author Ids: 57215527236;15072981100;55212255700;55200599100;55621181100
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
- ? Corresponding: Poggi L.

29.

- ? Title: Mooring System Design and Verification for a Floating Vertical Axis Wind Turbine
- ? Venue: Journal of Multiscale Modelling
- ? Year: 2020
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 2
- ? Doi: 10.1142/S1756973720500031
- ? Scopus ID: 2-s2.0-85092287736
- ? Issn: 17569737
- ? eISSN: 17569745
- ? Volume: 11
- ? Issue: 3
- ? Authors: Raschioni Fausto; Longo Roberto; Mehmanparast Ali; Rizzo Cesare Mario
- ? Keywords: floating axis wind turbine | Floating wind turbine | mooring system | spar floater | ULS analysis | vertical axis wind turbine

? Quartile:

2025:

- ? Modeling and Simulation (Q3, rank 263, percentile 30)
- ? Computer Science Applications (Q3, rank 728, percentile 25)

2020:

- ? Computer Science Applications (Q4, rank 548, percentile 20)
- ? Modeling and Simulation (Q4, rank 241, percentile 16)
- ? Source Id: 19900193684
- ? Author Ids: 57219336808;57219342828;36091462600;15072981100
- ? Authoraffiliationids: 125199993-60004407-60025153;125199993;60004407;60025153
- ? Corresponding: Raschioni F.

30.

- ? Title: Uncertainties estimates of hull girder still water loads of bulk and dry cargo ships through Monte Carlo simulations
- ? Venue: Marine Structures
- ? Year: 2020
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 8
- ? DOI: 10.1016/j.marstruc.2019.102688
- ? Scopus ID: 2-s2.0-85074454172
- ? Issn: 09518339
- ? Volume: 70
- ? Authors: Gaggero Tomaso; Gaiotti Marco; Rizzo Cesare Mario
- ? Keywords: Hull girder strength | Loading conditions | Monte Carlo simulations | Still water loads | Uncertainties
- ? Quartile:
- ? 2025:

? Ocean Engineering (Q1, rank 7, percentile 94)
? Mechanical Engineering (Q1, rank 69, percentile 90)
? Mechanics of Materials (Q1, rank 47, percentile 88)
? Materials Science (all) (Q1, rank 80, percentile 82)

2020:

? Ocean Engineering (Q1, rank 7, percentile 93)
? Mechanical Engineering (Q1, rank 86, percentile 85)
? Mechanics of Materials (Q1, rank 60, percentile 84)
? Materials Science (all) (Q1, rank 96, percentile 79)

? Source Id: 21052

? Author Ids: 55212255700;55200599100;15072981100

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Gaggero T.

31.

? Title: Committee III.2: Fatigue and Fracture

? Venue: Progress in Marine Science and Technology

? Year: 2020

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.3233/Pmst200007

? Scopus ID: 2-s2.0-85137838920

? Issn: 25430955

? eISSN: 25430963

? Volume: 4

? Pages: 85-108

? Authors: Garbatov Y.; ^ s S. K.; Branner K.; Choi B. K.; Den Besten J. H.; Dong P.; Lillem^e I.; Lindstrom P.; Louren^so De Souza M.; Parmentier G.; Qu^m^ner Y.; Rizzo C. M.; R^rup J.; Vhanmane S.; Villavicencio R.; Wang F.; Yue J.

? Quartile:

2025:

? Safety, Risk, Reliability and Quality (Q4, rank 200, percentile 22)

? Ocean Engineering (Q4, rank 99, percentile 15)

? Mechanical Engineering (Q4, rank 640, percentile 13)

? Source Id: 21101107127

? Author Ids: 12784798500;8890062500;22937137000;7402755347;55533447300;57220766397;55243343600;7005477689;9244952100;7006702393;55176895900;15072981100;9041408500;36085732000;55130275400;59610941100;59594838000

? Corresponding: Garbatov Y.

32.

? Title: Recent developments in remote inspections of ship structures

? Venue: International Journal of Naval Architecture and Ocean Engineering

? Year: 2020

? Type: Journal

? Subtype: Article

? Citations: 28

? DOI: 10.1016/j.ijnaoe.2020.09.001

? Scopus ID: 2-s2.0-85095915080

? Issn: 20926782

? eISSN: 20926790

? Volume: 12

? Pages: 881-891

? Authors: Poggi Laura; Gaggero Tomaso; Gaiotti Marco; Ravina Enrico; Rizzo Cesare Mario

? Keywords: Robotics and autonomous systems | Ship surveys | Test protocols | Testing facility

? Quartile:

2025:

? Ocean Engineering (Q1, rank 19, percentile 84)

? Control and Systems Engineering (Q1, rank 80, percentile 79)

2020:

? Ocean Engineering (Q1, rank 14, percentile 85)

? Control and Systems Engineering (Q2, rank 74, percentile 71)

? Source Id: 21100197706

? Author Ids: 57215527236;55212255700;55200599100;55621181100;15072981100

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153

? Corresponding: Poggi L.

33.

? Title: Robotic inspection of ship structures: How to fill the gap between available technologies and current survey practices?

? Venue: 2019 Imeko Tc19 International Workshop on Metrology for the Sea Learning to Measure Sea Health Parameters Metrosea 2019

? Year: 2020

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 3

? Scopus ID: 2-s2.0-85081061921

? Pages: 227-232

? Authors: Poggi Laura; Gaggero Tomaso; Gaiotti Marco; Ravina Enrico; Rizzo Cesare Mario

? Source Id: 21100987472

? Author Ids: 57215527236;55212255700;55200599100;55621181100;15072981100

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153

? Corresponding: Poggi L.

34.

? Title: Scantling assessment of large yacht rigs using carbon-fiber and aluminum masts

? Venue: Ocean Engineering

? Year: 2019

? Type: Journal

? Subtype: Article

? Citations: 4

? DOI: 10.1016/j.oceaneng.2019.106480

? Scopus ID: 2-s2.0-85072723036

? Issn: 00298018

? Volume: 190

? Authors: Ghelardi Stefano; Conti Claudia; Gaiotti Marco; Rizzo Cesare Mario; Paci Matteo

? Keywords: Aluminium alloy | Composites | Mast | Rigging | Sail system | Structural lightning

? Quartile:

2025:

? Ocean Engineering (Q1, rank 6, percentile 95)

? Environmental Engineering (Q1, rank 38, percentile 83)

2019:

? Ocean Engineering (Q1, rank 12, percentile 87)

? Environmental Engineering (Q1, rank 32, percentile 76)

? Source Id: 28339

? Author Ids: 56030081700;57211124822;55200599100;15072981100;35085260400

- ? Authoraffiliationids: 60025153;60025153;60025153;60025153;107898285
? Corresponding: Ghelardi S.
35.
? Title: On the rig dock tuning of large sail yachts
? Venue: Ocean Engineering
? Year: 2019
? Type: Journal
? Subtype: Article
? Citations: 5
? DOI: 10.1016/j.oceaneng.2019.04.080
? Scopus ID: 2-s2.0-85069555325
? Issn: 00298018
? Volume: 183
? Pages: 384-397
? Authors: Ghelardi Stefano; Garavaglia Alessandra; Rizzo Cesare Mario; Paci Matteo
? Keywords: Classification societies | Dock tuning | Experimental data | Non-linear FEA
| Rig design | Sail yachts
? Quartile:
2025:
? Ocean Engineering (Q1, rank 6, percentile 95)
? Environmental Engineering (Q1, rank 38, percentile 83)
2019:
? Ocean Engineering (Q1, rank 12, percentile 87)
? Environmental Engineering (Q1, rank 32, percentile 76)
? Source Id: 28339
? Author Ids: 56030081700;57210136125;15072981100;35085260400
? Authoraffiliationids: 60025153;107898285;60025153;107898285
? Corresponding: Ghelardi S.
36.
? Title: A fatigue assessment procedure for drilling pipes of scientific vessels
? Venue: Proceedings of the International Conference on Offshore Mechanics and Arctic
Engineering OMAE
? Year: 2019
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1115/Omae2019-96639
? Scopus ID: 2-s2.0-85075931825
? Volume: 8
? Authors: Aguiari Martina; Rizzo Cesare Mario; Inoue Tomoya
? Keywords: Deep sea | Drill pipe | Failure | Fatigue
? Source Id: 91440
? Author Ids: 57212109023;15072981100;55290410100
? Authoraffiliationids: 60025153;60025153;60004283
? Corresponding: Aguiari M.
37.
? Title: Dynamic buckling of composite mast panels of sail ships
? Venue: Trends in the Analysis and Design of Marine Structures Proceedings of the 7th
International Conference on Marine Structures Marstruct 2019
? Year: 2019
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1201/9780429298875-46

? Scopus ID: 2-s2.0-85068510400
? Pages: 391-399
? Authors: Gaiotti M.; Ghelardi S.; Rizzo C. M.
? Source Id: 21100915388
? Author Ids: 55200599100;56030081700;15072981100
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Gaiotti M.

38.

? Title: Testing and simulation of a bolted and bonded joint between steel deck and composite side shell plating of a naval vessel
? Venue: Engineering Structures
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 18
? DOI: 10.1016/j.engstruct.2018.06.008
? Scopus ID: 2-s2.0-85048422857
? Issn: 01410296
? eISSN: 18737323
? Volume: 172
? Pages: 228-238
? Authors: Gaiotti Marco; Ravina Enrico; Rizzo Cesare M.; Ungaro Andrea
? Keywords: Bolted joint | Bonded joint | Finite element analysis | Large scale testing | Scantling design | Ship structure
? Quartile:
2025:
? Civil and Structural Engineering (Q1, rank 25, percentile 94)
2018:
? Civil and Structural Engineering (Q1, rank 36, percentile 88)
? Source Id: 15652
? Author Ids: 55200599100;55621181100;15072981100;6602358649
? Authoraffiliationids: 60025153;60025153;60025153;60122238
? Corresponding: Gaiotti M.

39.

? Title: A Fluid-Structure Interaction case study on a square sail in a wind tunnel
? Venue: Ocean Engineering
? Year: 2018
? Type: Journal
? Subtype: Review
? Citations: 4
? DOI: 10.1016/j.oceaneng.2018.05.056
? Scopus ID: 2-s2.0-85048185702
? Issn: 00298018
? Volume: 163
? Pages: 136-147
? Authors: Ghelardi Stefano; Freda Andrea; Rizzo Cesare Mario; Villa Diego
? Keywords: Benchmark | CFD | FEA | Fluid structure interaction (FSI) | Sail | Wind tunnel
? Quartile:
2025:
? Ocean Engineering (Q1, rank 6, percentile 95)
? Environmental Engineering (Q1, rank 38, percentile 83)
2018:
? Ocean Engineering (Q1, rank 13, percentile 86)

- ? Environmental Engineering (Q1, rank 29, percentile 77)
 - ? Source Id: 28339
 - ? Author Ids: 56030081700;8688315000;15072981100;56250522200
 - ? Authoraffiliationids: 60025153;60025153;60025153;60025153
 - ? Corresponding: Ghelardi S.
- 40.
- ? Title: Fatigue assessment of web-stiffened corners in plated structures by local approaches
 - ? Venue: Ship Technology Research
 - ? Year: 2018
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 5
 - ? Doi: 10.1080/09377255.2018.1441781
 - ? Scopus ID: 2-s2.0-85042919181
 - ? Issn: 09377255
 - ? eISSN: 20567111
 - ? Volume: 65
 - ? Issue: 2
 - ? Pages: 69-78
 - ? Authors: Fischer C.; Fricke W.; Rizzo C. M.
 - ? Keywords: averaged strain energy density | effective notch stress | Fatigue assessment | local approach | web-stiffened corner
 - ? Quartile:
 - 2025:
 - ? Ocean Engineering (Q2, rank 55, percentile 53)
 - 2018:
 - ? Ocean Engineering (Q2, rank 36, percentile 61)
 - ? Source Id: 27317
 - ? Author Ids: 55533737600;7006661880;15072981100
 - ? Authoraffiliationids: 60010338;60010338;60025153
 - ? Corresponding: Fischer C.
- 41.
- ? Title: On mooring line tension and fatigue prediction for offshore vertical axis wind turbines: A comparison of lumped mass and quasi-static approaches
 - ? Venue: Wind Engineering
 - ? Year: 2018
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 8
 - ? Doi: 10.1177/0309524x18756962
 - ? Scopus ID: 2-s2.0-85044380580
 - ? Issn: 0309524x
 - ? eISSN: 2048402X
 - ? Volume: 42
 - ? Issue: 2
 - ? Pages: 97-107
 - ? Authors: Cevasco D.; Collu M.; Rizzo C. M.; Hall M.
 - ? Keywords: coupled dynamics | Floating vertical axis wind turbine | mooring dynamics | mooring line tension
 - ? Quartile:
 - 2025:
 - ? Energy Engineering and Power Technology (Q2, rank 115, percentile 64)
 - ? Renewable Energy, Sustainability and the Environment (Q2, rank 151, percentile 51)

2018:

- ? Energy Engineering and Power Technology (Q2, rank 99, percentile 51)
- ? Renewable Energy, Sustainability and the Environment (Q3, rank 100, percentile 37)
- ? Source Id: 13850
- ? Author Ids: 57196151310;25924785400;15072981100;56421104800
- ? Authoraffiliationids: 60004407;60004407;60025153;60007655
- ? Corresponding: Civasco D.

42.

? Title: Development and validation of a numerical model for the simulation of high-velocity impacts on advanced composite armor systems

? Venue: Nonlinear Dynamics

? Year: 2018

? Type: Journal

? Subtype: Article

? Citations: 18

? DOI: 10.1007/s11071-017-3981-4

? Scopus ID: 2-s2.0-85037327316

? Issn: 0924090x

? eISSN: 1573269X

? Volume: 91

? Issue: 3

? Pages: 1791-1816

? Authors: Sabadin Giovanni; Gaiotti Marco; Rizzo Cesare M.; Bassano Alessio

? Keywords: Armor system | Ballistic tests | Composite | High-velocity impact | Multilayer | Numerical simulation

? Quartile:

2025:

? Applied Mathematics (Q1, rank 22, percentile 96)

? Ocean Engineering (Q1, rank 8, percentile 93)

? Aerospace Engineering (Q1, rank 14, percentile 91)

? Mechanical Engineering (Q1, rank 74, percentile 90)

? Control and Systems Engineering (Q1, rank 43, percentile 88)

? Electrical and Electronic Engineering (Q1, rank 113, percentile 88)

2018:

? Ocean Engineering (Q1, rank 1, percentile 99)

? Applied Mathematics (Q1, rank 13, percentile 97)

? Aerospace Engineering (Q1, rank 4, percentile 97)

? Mechanical Engineering (Q1, rank 28, percentile 95)

? Control and Systems Engineering (Q1, rank 21, percentile 91)

? Electrical and Electronic Engineering (Q1, rank 60, percentile 91)

? Source Id: 21576

? Author Ids: 57190866719;55200599100;15072981100;26021711300

? Authoraffiliationids: 60025153;60025153;60025153;60024961

? Corresponding: Sabadin G.

43.

? Title: Buckling Of Stiffened Panels: An Improved Linearized Approach Compared To Nonlinear Collapse Analysis

? Venue: Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering OMAE

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1115/Omae2018-78399

? Scopus ID: 2-s2.0-85134054938

? Volume: 3

? Authors: Gaiotti Marco; Rizzo Cesare Mario; Ferrari Nicole; Montella Adriano

? Source Id: 91440

? Author Ids: 55200599100;15072981100;57798389400;57798618300

? Authoraffiliationids: 60025153;60025153;60083109;60083109

? Corresponding: Gaiotti M.

44.

? Title: Committee Iii.2 Fatigue And Fracture

? Venue: Progress in Marine Science and Technology

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 5

? Doi: 10.3233/978-1-61499-862-4-441

? Scopus ID: 2-s2.0-85089031428

? Issn: 25430955

? eISSN: 25430963

? Volume: 1

? Pages: 441-547

? Authors: Garbatov Y.; ^ s S. K.; Branner K.; Choi B. K.; Den Besten J. H.; Dong P.; Lillemøe I.; Lindstrom P.; De Souza M. Lourenço; Parmentier G.; Qu'm'ner Y.; Rizzo C. M.; Rønstrup J.; Vhanmane S.; Villavicencio R.; Wang F.; Yue J.

? Keywords: aluminium | crack growth | damage accumulation | design | fabrication | Fatigue | fitness for service | fracture | inspection | maintenance | polymer composites | reliability | rules | standards | steel | verification

? Quartile:

2025:

? Safety, Risk, Reliability and Quality (Q4, rank 200, percentile 22)

? Ocean Engineering (Q4, rank 99, percentile 15)

? Mechanical Engineering (Q4, rank 640, percentile 13)

? Source Id: 21101107127

? Author Ids: 12784798500;8890062500;22937137000;57217274335;55533447300;57220766397;55243343600;7005477689;57888399000;7006702393;55176895900;15072981100;9041408500;36085732000;55130275400;59060236000;59594838000

? Corresponding: Garbatov Y.

45.

? Title: Three-dimensional fluid-structure interaction case study on cubical fluid cavity with flexible bottom

? Venue: Journal of Marine Science and Application

? Year: 2017

? Type: Journal

? Subtype: Article

? Citations: 7

? DOI: 10.1007/s11804-017-1433-7

? Scopus ID: 2-s2.0-85032331067

? Issn: 16719433

? Volume: 16

? Issue: 4

? Pages: 382-394

? Authors: Ghelardi Stefano; Rizzo Cesare; Villa Diego

? Keywords: ADINA? | benchmark | finite element method | finite volume method | fluid-structure interaction | monolithic | partitioned

? Quartile:

2025:

- ? Ocean Engineering (Q2, rank 39, percentile 66)
- ? Mechanical Engineering (Q2, rank 253, percentile 65)

2017:

- ? Ocean Engineering (Q3, rank 48, percentile 48)
- ? Mechanical Engineering (Q3, rank 311, percentile 46)
- ? Source Id: 5400152711
- ? Author Ids: 56030081700;15072981100;56250522200
- ? Authoraffiliationids: 60025153;60025153;60025153
- ? Corresponding: Ghelardi S.

46.

- ? Title: Effects of uncertainties in loading conditions of bulk carriers on hull girder still water loads
- ? Venue: Marine Structures
- ? Year: 2017
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 8
- ? DOI: 10.1016/j.marstruc.2017.06.001
- ? Scopus ID: 2-s2.0-85030458085
- ? Issn: 09518339
- ? Volume: 55
- ? Pages: 214-242
- ? Authors: Gaggero Tomaso; Gaiotti Marco; Rizzo Cesare Mario
- ? Keywords: Bulk carrier | Hull girder | Loading conditions | Still water loads | Uncertainties

? Quartile:

2025:

- ? Ocean Engineering (Q1, rank 7, percentile 94)
- ? Mechanical Engineering (Q1, rank 69, percentile 90)
- ? Mechanics of Materials (Q1, rank 47, percentile 88)
- ? Materials Science (all) (Q1, rank 80, percentile 82)

2017:

- ? Ocean Engineering (Q1, rank 7, percentile 93)
- ? Mechanical Engineering (Q1, rank 86, percentile 85)
- ? Mechanics of Materials (Q1, rank 61, percentile 82)
- ? Materials Science (all) (Q1, rank 98, percentile 78)

? Source Id: 21052

? Author Ids: 55212255700;55200599100;15072981100

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Gaggero T.

47.

- ? Title: Large-scale testing and structural verification of an adhesive bonded and bolted hull superstructure joint
- ? Venue: Rivista Italiana Della Saldatura
- ? Year: 2017
- ? Type: Journal
- ? Subtype: Review
- ? Citations: 0
- ? Scopus ID: 2-s2.0-85051401374
- ? Issn: 00356794
- ? Volume: 69
- ? Issue: 3
- ? Pages: 359-369

? Authors: Gaiotti Marco; Ravina Enrico; Rizzo Cesare M.; Ungaro Andrea
? Keywords: Composite materials | Fatigue cracks | Fatigue loading | Fibre reinforced composites, polymer matrix composites | Finite element analysis | Ship | Shipbuilding
? Quartile:

2025:

? Mechanical Engineering (Q4, rank 721, percentile 2)
? Mechanics of Materials (Q4, rank 412, percentile 0)

2017:

? Mechanical Engineering (Q4, rank 543, percentile 5)

? Mechanics of Materials (Q4, rank 340, percentile 3)

? Source Id: 29510

? Author Ids: 55200599100;55621181100;15072981100;6602358649

? Authoraffiliationids: 60025153;60025153;60025153;60122238

? Corresponding: Gaiotti M.

48.

? Title: Calibration of the cohesive parameters of fiberglass reinforced plastic plates with an embedded delamination by experiments

? Venue: Proceedings of the International Offshore and Polar Engineering Conference

? Year: 2017

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 2

? Scopus ID: 2-s2.0-85038925874

? Issn: 10986189

? eISSN: 15551792

? Pages: 139-145

? Authors: Maggiani Greta; Boote Dario; Gaggero Tomaso; Gaiotti Marco; Rizzo Cesare Mario

? Keywords: Cohesive elements | Cohesive interface | Cohesive model | Composite | Delamination | Fiberglass

? Quartile:

2025:

? Energy Engineering and Power Technology (Q4, rank 273, percentile 16)

? Ocean Engineering (Q4, rank 101, percentile 13)

? Mechanical Engineering (Q4, rank 650, percentile 11)

2017:

? Energy Engineering and Power Technology (Q3, rank 141, percentile 31)

? Ocean Engineering (Q3, rank 67, percentile 28)

? Mechanical Engineering (Q3, rank 426, percentile 26)

? Source Id: 77392

? Author Ids: 57200045624;56214807300;55212255700;55200599100;15072981100

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153

? Corresponding: Maggiani G.

49.

? Title: Reduced finite element models for mast analysis

? Venue: Progress in the Analysis and Design of Marine Structures Proceedings of the 6th International Conference on Marine Structures Marstruct 2017

? Year: 2017

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? Doi: 10.1201/9781315157368-20

? Scopus ID: 2-s2.0-85035042006

? Pages: 155-164

? Authors: Lorenzetti A.; Gaiotti M.; Ghelardi S.; Rizzo C. M.
? Source Id: 21100840005
? Author Ids: 57197809625;55200599100;56030081700;15072981100
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Lorenzetti A.

50.

? Title: Assessment of residual life of existing fixed offshore platforms
? Venue: Progress in the Analysis and Design of Marine Structures Proceedings of the 6th International Conference on Marine Structures Marstruct 2017
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1201/9781315157368-85
? Scopus ID: 2-s2.0-85035022444
? Pages: 745-752
? Authors: Copello Stefano; Rizzo Cesare M.
? Source Id: 21100840005
? Author Ids: 57199153481;15072981100
? Authoraffiliationids: 112629659-60025153;60025153
? Corresponding: Copello S.

51.

? Title: On the comparison of the dynamic response of an offshore floating vawt system when adopting two different mooring system model of dynamics: Quasi-static vs lumped mass approach
? Venue: Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering OMAE
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1115/Omae2017-61450
? Scopus ID: 2-s2.0-85032023248
? Volume: 10
? Authors: Cevasco Debora; Collu Maurizio; Hall Matthew; Rizzo Cesare M.
? Keywords: Coupled dynamics | FOWT | Mooring dynamics | VAWT
? Source Id: 91440
? Author Ids: 57196151310;25924785400;56421104800;15072981100
? Authoraffiliationids: 60004407;60004407;60007655-60008279;60025153
? Corresponding: Cevasco D.

52.

? Title: Assessment of welded joints by strain energy density approach accounting for misalignments and geometrical imperfections
? Venue: Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering OMAE
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.1115/Omae201761183
? Scopus ID: 2-s2.0-85031945055
? Volume: 4
? Authors: Gaiotti Marco; Rizzo Cesare Mario; Berto Filippo
? Source Id: 91440

? Author Ids: 55200599100;15072981100;10042142600

? Authoraffiliationids: 60025153;60025153;60013141

? Corresponding: Gaiotti M.

53.

? Title: Fatigue tests of notched specimens made from butt joints at steel

? Venue: Fatigue and Fracture of Engineering Materials and Structures

? Year: 2016

? Type: Journal

? Subtype: Article

? Citations: 19

? DOI: 10.1111/ffe.12473

? Scopus ID: 2-s2.0-84951072427

? Issn: 8756758x

? eISSN: 14602695

? Volume: 39

? Issue: 12

? Pages: 1526-1541

? Authors: Fischer C.; Fricke W.; Rizzo C. M.

? Keywords: averaged strain energy density | fatigue tests | material effect | notch effect | welded joint

? Quartile:

2025:

? Mechanical Engineering (Q1, rank 182, percentile 75)

? Mechanics of Materials (Q2, rank 125, percentile 69)

? Materials Science (all) (Q2, rank 172, percentile 63)

2016:

? Mechanical Engineering (Q1, rank 82, percentile 85)

? Mechanics of Materials (Q1, rank 59, percentile 82)

? Materials Science (all) (Q1, rank 100, percentile 77)

? Source Id: 29222

? Author Ids: 55533737600;7006661880;15072981100

? Authoraffiliationids: 60010338;60010338;60025153

? Corresponding: Fischer C.

54.

? Title: Experiences and recommendations for numerical analyses of notch stress intensity factor and averaged strain energy density

? Venue: Engineering Fracture Mechanics

? Year: 2016

? Type: Journal

? Subtype: Article

? Citations: 31

? DOI: 10.1016/j.engfracmech.2016.08.012

? Scopus ID: 2-s2.0-84989882711

? Issn: 00137944

? Volume: 165

? Pages: 98-113

? Authors: Fischer C.; Fricke W.; Rizzo C. M.

? Keywords: Approximation error | Averaged strain energy density | Benchmark study | Finite element method | Notch stress intensity factor | Welded joints

? Quartile:

2025:

? Mechanical Engineering (Q1, rank 86, percentile 88)

? Mechanics of Materials (Q1, rank 60, percentile 85)

? Materials Science (all) (Q1, rank 100, percentile 78)

2016:

- ? Mechanical Engineering (Q1, rank 83, percentile 84)
- ? Mechanics of Materials (Q1, rank 60, percentile 81)
- ? Materials Science (all) (Q1, rank 101, percentile 76)
- ? Source Id: 20594
- ? Author Ids: 55533737600;7006661880;15072981100
- ? Authoraffiliationids: 60010338;60010338;60025153
- ? Corresponding: Fischer C.

55.

- ? Title: Direct scantling assessment of propeller blades
- ? Venue: Applied Ocean Research
- ? Year: 2016
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 4
- ? DOI: 10.1016/j.apor.2016.07.010
- ? Scopus ID: 2-s2.0-84981234363
- ? Issn: 01411187
- ? Volume: 59
- ? Pages: 589-605
- ? Authors: Bertoglio Chiara; Gaggero Stefano; Rizzo Cesare Mario; Viviani Michele
- ? Keywords: Bronze | CFD | Design | Fatigue assessment | FEM | Propeller | Scantling
- ? Quartile:

2025:

- ? Ocean Engineering (Q1, rank 15, percentile 87)

2016:

- ? Ocean Engineering (Q1, rank 18, percentile 79)
- ? Source Id: 26776
- ? Author Ids: 56419756400;6503976905;15072981100;58090077400
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153
- ? Corresponding: Bertoglio C.

56.

- ? Title: Fitness-for-service assessment of defected welded structural details by experimental evaluation of the fatigue resistance S-N curve
 - ? Venue: Welding in the World
 - ? Year: 2016
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 7
 - ? DOI: 10.1007/s40194-016-0345-5
 - ? Scopus ID: 2-s2.0-84979753461
 - ? Issn: 00432288
 - ? Volume: 60
 - ? Issue: 5
 - ? Pages: 847-858
 - ? Authors: Cosso G. L.; Rizzo C. M.; Servetto C.
 - ? Keywords: Fatigue strength | FCA welding | Finite element analysis | Notch effect | Structural steels
 - ? Quartile:
- 2025:
- ? Metals and Alloys (Q1, rank 44, percentile 75)
 - ? Mechanical Engineering (Q2, rank 219, percentile 70)
 - ? Mechanics of Materials (Q2, rank 146, percentile 64)
- 2016:

? Metals and Alloys (Q2, rank 45, percentile 69)
? Mechanical Engineering (Q2, rank 227, percentile 58)
? Mechanics of Materials (Q2, rank 146, percentile 55)
? Source Id: 12037
? Author Ids: 16199574000;15072981100;26868189100
? Authoraffiliationids: 60267283;60025153;60267283
? Corresponding: Cocco G.L.

57.

? Title: Survey on fatigue strength of cast bronzes intended for marine propellers
? Venue: Fatigue and Fracture of Engineering Materials and Structures
? Year: 2016
? Type: Journal
? Subtype: Review
? Citations: 16
? DOI: 10.1111/ffe.12440
? Scopus ID: 2-s2.0-84981762909
? Issn: 8756758x
? eISSN: 14602695
? Volume: 39
? Issue: 7
? Pages: 793-816
? Authors: Bertoglio C.; Rizzo C. M.
? Keywords: cast bronze | fatigue strength | marine propeller | mean stress effect | size effect

? Quartile:

2025:

? Mechanical Engineering (Q1, rank 182, percentile 75)
? Mechanics of Materials (Q2, rank 125, percentile 69)
? Materials Science (all) (Q2, rank 172, percentile 63)

2016:

? Mechanical Engineering (Q1, rank 82, percentile 85)
? Mechanics of Materials (Q1, rank 59, percentile 82)
? Materials Science (all) (Q1, rank 100, percentile 77)

? Source Id: 29222

? Author Ids: 56419756400;15072981100

? Authoraffiliationids: 60025153;60025153

? Corresponding: Bertoglio C.

58.

? Title: Effect of shear stresses on the ultimate strength of the hull girder of a containership
? Venue: International Journal of Offshore and Polar Engineering
? Year: 2016
? Type: Journal
? Subtype: Article
? Citations: 2
? DOI: 10.17736/ijope.2016.jc649
? Scopus ID: 2-s2.0-84976550310
? Issn: 10535381
? Volume: 26
? Issue: 2
? Pages: 183-191
? Authors: Gaiotti Marco; Fujikubo Masahiko; Grasso Nicola; Rizzo Cesare Mario
? Keywords: Buckling | Combined loads | Containership | Shear | Ultimate load
? Quartile:

2025:

- ? Ocean Engineering (Q3, rank 77, percentile 34)
- ? Mechanical Engineering (Q3, rank 487, percentile 33)
- ? Civil and Structural Engineering (Q3, rank 294, percentile 29)

2016:

- ? Mechanical Engineering (Q2, rank 266, percentile 51)
- ? Ocean Engineering (Q2, rank 43, percentile 51)
- ? Civil and Structural Engineering (Q2, rank 130, percentile 50)

? Source Id: 20452

? Author Ids: 55200599100;7003568966;56912346300;15072981100

? Authoraffiliationids: 60025153;60024322;60025153;60025153

? Corresponding: Gaiotti M.

59.

? Title: Review of the fatigue strength of welded joints based on the notch stress intensity factor and SED approaches

? Venue: International Journal of Fatigue

? Year: 2016

? Type: Journal

? Subtype: Article

? Citations: 59

? DOI: 10.1016/j.ijfatigue.2015.11.015

? Scopus ID: 2-s2.0-84951209661

? Issn: 01421123

? Volume: 84

? Pages: 59-66

? Authors: Fischer C.; Fricke W.; Rizzo C. M.

? Keywords: Fatigue strength assessment | Fatigue test | Notch stress intensity | Strain energy density | Welded joint

? Quartile:

2025:

- ? Modeling and Simulation (Q1, rank 8, percentile 98)
- ? Mechanical Engineering (Q1, rank 37, percentile 95)
- ? Mechanics of Materials (Q1, rank 25, percentile 94)
- ? Industrial and Manufacturing Engineering (Q1, rank 34, percentile 91)
- ? Materials Science (all) (Q1, rank 51, percentile 89)

2016:

? Modeling and Simulation (Q1, rank 17, percentile 92)

? Mechanical Engineering (Q1, rank 50, percentile 90)

? Industrial and Manufacturing Engineering (Q1, rank 30, percentile 90)

? Mechanics of Materials (Q1, rank 37, percentile 88)

? Materials Science (all) (Q1, rank 71, percentile 83)

? Source Id: 21105

? Author Ids: 55533737600;7006661880;15072981100

? Authoraffiliationids: 60010338;60010338;60025153

? Corresponding: Fischer C.

60.

? Title: Material selection for the gas containment system of a compressed natural gas carrier fleet

? Venue: Applied Ocean Research

? Year: 2016

? Type: Journal

? Subtype: Article

? Citations: 4

? DOI: 10.1016/j.apor.2015.11.005

? Scopus ID: 2-s2.0-84950279126

? Issn: 01411187

? Volume: 55

? Pages: 37-47

? Authors: Gaiotti M.; Rizzo C. M.; Rizzuto E.; Vernengo G.

? Keywords: Compressed natural gas (CNG) | Fiber reinforced plastic (FRP) | Finite element method (FEM) | Multi-objective decision making environment | Ship synthesis model (SSM)

? Quartile:

2025:

? Ocean Engineering (Q1, rank 15, percentile 87)

2016:

? Ocean Engineering (Q1, rank 18, percentile 79)

? Source Id: 26776

? Author Ids: 55200599100;15072981100;6602173744;37662376400

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Gaiotti M.

61.

? Title: Structural behaviour of yacht fillers

? Venue: Transactions of the Royal Institution of Naval Architects Part B International Journal of Small Craft Technology

? Year: 2016

? Type: Journal

? Subtype: Article

? Citations: 1

? DOI: 10.3940/rina.ijsct.2016.b2.197

? Scopus ID: 2-s2.0-85046357953

? Issn: 17400694

? Volume: 158

? Pages: 89-99

? Authors: Gaiotti M.; Rizzo C. M.; Nebbia G.; Caleo A.

? Quartile:

2016:

? Ocean Engineering (Q4, rank 71, percentile 18)

? Civil and Structural Engineering (Q4, rank 232, percentile 10)

? Source Id: 5000154004

? Author Ids: 55200599100;15072981100;56865689000;56865960200

? Authoraffiliationids: 60025153;60025153;60025153;60083109

? Corresponding: Gaiotti M.

62.

? Title: Effect of combined shear stresses on the ultimate axial response of the double bottom of a containership

? Venue: Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering OMAE

? Year: 2016

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.1115/Omae201654908

? Scopus ID: 2-s2.0-84996538307

? Volume: 9

? Authors: Gaiotti Marco; Fujikubo Masahiko; Bacoccoli Riccardo; Rizzo Cesare Mario

? Source Id: 91440

? Author Ids: 55200599100;7003568966;57192072746;15072981100

- ? Authoraffiliationids: 60025153;60024322;60025153;60025153
? Corresponding: Gaiotti M.
63.
? Title: Advanced methods for fatigue strength assessment of butt joint welds
? Venue: Rivista Italiana Della Saldatura
? Year: 2015
? Type: Journal
? Subtype: Article
? Citations: 3
? Scopus ID: 2-s2.0-84940471133
? Issn: 00356794
? Volume: 67
? Issue: 4
? Pages: 501-511
? Authors: Ranieri Stefano; Rizzo Cesare Mario; Cocco Gian Luigi; Servetto Chiara
? Quartile:
2025:
? Mechanical Engineering (Q4, rank 721, percentile 2)
? Mechanics of Materials (Q4, rank 412, percentile 0)
2015:
? Mechanical Engineering (Q4, rank 511, percentile 4)
? Mechanics of Materials (Q4, rank 316, percentile 2)
? Source Id: 29510
? Author Ids: 56811018800;15072981100;16199574000;26868189100
? Authoraffiliationids: 60025153;60025153;60267283;60267283
? Corresponding: Ranieri S.
64.
? Title: On the shear lag effective breadth concept for composite hull structures
? Venue: Ships and Offshore Structures
? Year: 2015
? Type: Journal
? Subtype: Article
? Citations: 5
? Doi: 10.1080/17445302.2014.887172
? Scopus ID: 2-s2.0-84931007067
? Issn: 17445302
? Volume: 10
? Issue: 3
? Pages: 272-289
? Authors: Ghelardi Stefano; Gaiotti Marco; Rizzo Cesare M.
? Keywords: composites | effective breadth | finite element analysis | stiffened plates
? Quartile:
2025:
? Ocean Engineering (Q2, rank 33, percentile 71)
? Mechanical Engineering (Q2, rank 235, percentile 68)
2015:
? Ocean Engineering (Q2, rank 36, percentile 60)
? Mechanical Engineering (Q2, rank 241, percentile 54)
? Source Id: 19700186818
? Author Ids: 56030081700;55200599100;15072981100
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Ghelardi S.
65.
? Title: Dynamic buckling of masts of large sail ships

? Venue: Ships and Offshore Structures
? Year: 2015
? Type: Journal
? Subtype: Article
? Citations: 8
? Doi: 10.1080/17445302.2014.887175
? Scopus ID: 2-s2.0-84931005847
? Issn: 17445302
? Volume: 10
? Issue: 3
? Pages: 290-301
? Authors: Gaiotti Marco; Rizzo Cesare M.
? Keywords: dynamic buckling | FEM | mast | rigging | sail ship
? Quartile:
2025:
? Ocean Engineering (Q2, rank 33, percentile 71)
? Mechanical Engineering (Q2, rank 235, percentile 68)
2015:
? Ocean Engineering (Q2, rank 36, percentile 60)
? Mechanical Engineering (Q2, rank 241, percentile 54)
? Source Id: 19700186818
? Author Ids: 55200599100;15072981100
? Authoraffiliationids: 60025153;60025153
? Corresponding: Gaiotti M.

66.
? Title: Special issue on passenger ships and yachts
? Venue: Ships and Offshore Structures
? Year: 2015
? Type: Journal
? Subtype: Editorial
? Citations: 0
? Doi: 10.1080/17445302.2014.950367
? Scopus ID: 2-s2.0-84930977705
? Issn: 17445302
? Volume: 10
? Issue: 3
? Pages: 219-220
? Authors: Rizzo Cesare M.
? Quartile:
2025:
? Ocean Engineering (Q2, rank 33, percentile 71)
? Mechanical Engineering (Q2, rank 235, percentile 68)
2015:
? Ocean Engineering (Q2, rank 36, percentile 60)
? Mechanical Engineering (Q2, rank 241, percentile 54)
? Source Id: 19700186818
? Author Ids: 15072981100
? Authoraffiliationids: 60025153
? Corresponding: Rizzo C.M.

67.
? Title: Design of a submerged disk wave energy converter
? Venue: Towards Green Marine Technology and Transport
? Year: 2015
? Type: Book

? Subtype: Book Chapter
? Citations: 0
? DOI: 10.1201/b18855
? Scopus ID: 2-s2.0-85054385728
? Pages: 819-828
? Authors: Gambacciani Giulio; Ertekin R. Cengiz; Rizzo Cesare Mario
? Source Id: 21100879745
? Author Ids: 57151230100;7006380022;15072981100
? Authoraffiliationids: 60025153;60013791-60003353;60025153
? Corresponding: Gambacciani G.

68.

? Title: Influence of propeller characteristics on propeller structural design
? Venue: Towards Green Marine Technology and Transport
? Year: 2015
? Type: Book
? Subtype: Book Chapter
? Citations: 0
? DOI: 10.1201/b18855
? Scopus ID: 2-s2.0-85054365007
? Pages: 59-66
? Authors: Bertoglio C.; Gaggero S.; Rizzo C. M.; Vaccaro C.; Viviani M.
? Source Id: 21100879745
? Author Ids: 56419756400;6503976905;15072981100;56865744300;58090077400
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bertoglio C.

69.

? Title: Optimization of the ballistic properties of an advanced composite armor system: Analysis and validation of numerical models subject to high velocity impacts
? Venue: Maritime Technology and Engineering Proceedings of Martech 2014 2nd International Conference on Maritime Technology and Engineering
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Scopus ID: 2-s2.0-84983580369
? Volume: 1
? Pages: 463-474
? Authors: Sabadin G.; Gaiotti M.; Rizzo C. M.; Bassano A.
? Source Id: 21100776075
? Author Ids: 57190866719;55200599100;15072981100;26021711300
? Authoraffiliationids: 60025153;60025153;60025153;113302561
? Corresponding: Sabadin G.

70.

? Title: Fatigue and fracture
? Venue: Proceedings of the 19th International Ship and Offshore Structures Congress Issc 2015
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Scopus ID: 2-s2.0-84980023222
? Volume: 1
? Pages: 351-413
? Authors: Brennan F. P.; Branner K.; Den Besten J. H.; Horn A. M.; Ki Choi B.; Mao W.;

Nakamura T.; Oterkus E.; Paranhos Pasqualino I.; Parmentier G.; Rizzo C.; Romanoff J.; R̄up J.; Samanta A.; Theodoulidis A.; Wang F.; Wang G.
? Keywords: Aluminium | Fatigue | Fitness for service | Fracture mechanics | High strength steel | Inspection | Materials | Probabilistic methods | Stainless steel | Steel
? Source Id: 21100469926
? Author Ids: 7102156948;22937137000;55533447300;9244865900;57190436017;36084909000;59033880600;8345890200;6602398053;7006702393;15072981100;12763227900;9041408500;7102462887;57190440003;59611205500;59076726200
? Corresponding: Brennan F.P.

71.

? Title: Influence of propeller characteristics on propeller structural design
? Venue: Towards Green Marine Technology and Transport Proceedings of the 16th International Congress of the International Maritime Association of the Mediterranean Imam 2015
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? DOI: 10.1201/b18855-9
? Scopus ID: 2-s2.0-84959570522
? Pages: 59-66
? Authors: Bertoglio C.; Gaggero S.; Rizzo C. M.; Vaccaro C.; Viviani M.
? Source Id: 21101009879
? Author Ids: 56419756400;6503976905;15072981100;56865744300;58090077400
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Bertoglio C.

72.

? Title: Design of a submerged disk wave energy converter
? Venue: Towards Green Marine Technology and Transport Proceedings of the 16th International Congress of the International Maritime Association of the Mediterranean Imam 2015
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? DOI: 10.1201/b18855-110
? Scopus ID: 2-s2.0-84959503095
? Pages: 819-828
? Authors: Gambacciani Giulio; Ertekin R. Cengiz; Rizzo Cesare Mario
? Source Id: 21100448534
? Author Ids: 57151230100;7006380022;15072981100
? Authoraffiliationids: 60025153;60013791-60003353;60025153
? Corresponding: Gambacciani G.

73.

? Title: Influence of air inclusions on marine composites inter-laminar shear strength
? Venue: Proceedings of the International Offshore and Polar Engineering Conference
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 7
? Scopus ID: 2-s2.0-84944686137
? Issn: 10986189
? eISSN: 15551792

? Volume: 2015-January
? Pages: 593-601
? Authors: Godani Mattia; Gaiotti Marco; Rizzo Cesare Mario
? Keywords: Air inclusion | Composite | Finite element analysis | Inter-laminar shear | Testing
? Quartile:
2025:
? Energy Engineering and Power Technology (Q4, rank 273, percentile 16)
? Ocean Engineering (Q4, rank 101, percentile 13)
? Mechanical Engineering (Q4, rank 650, percentile 11)
2015:
? Energy Engineering and Power Technology (Q3, rank 112, percentile 38)
? Ocean Engineering (Q3, rank 56, percentile 37)
? Mechanical Engineering (Q3, rank 358, percentile 32)
? Source Id: 77392
? Author Ids: 56118741700;55200599100;15072981100
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Godani M.

74.

? Title: Effect of shear stresses onto the hull girder ultimate strength of a containership
? Venue: Proceedings of the International Offshore and Polar Engineering Conference
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Scopus ID: 2-s2.0-84944685240
? Issn: 10986189
? eISSN: 15551792
? Volume: 2015-January
? Pages: 1135-1143
? Authors: Fujikubo Masahiko; Gaiotti Marco; Grasso Nicola; Rizzo Cesare Mario
? Keywords: Buckling | Combined loads | Containership | Shear | Ultimate load
? Quartile:
2025:
? Energy Engineering and Power Technology (Q4, rank 273, percentile 16)
? Ocean Engineering (Q4, rank 101, percentile 13)
? Mechanical Engineering (Q4, rank 650, percentile 11)
2015:
? Energy Engineering and Power Technology (Q3, rank 112, percentile 38)
? Ocean Engineering (Q3, rank 56, percentile 37)
? Mechanical Engineering (Q3, rank 358, percentile 32)
? Source Id: 77392
? Author Ids: 7003568966;55200599100;56912346300;15072981100
? Authoraffiliationids: 60024322;;;
? Corresponding: Fujikubo M.

75.

? Title: Mechanical characterization of yachts and pleasure crafts fillers
? Venue: Analysis and Design of Marine Structures Proceedings of the 5th International Conference on Marine Structures Marstruct 2015
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5

? DOI: 10.1201/b18179-83
? Scopus ID: 2-s2.0-84942133848
? Pages: 627-635
? Authors: Nebbia G.; Rizzo C. M.; Gaiotti M.; Caleo A.
? Source Id: 21100986043
? Author Ids: 56865689000;15072981100;55200599100;56865960200
? Authoraffiliationids: 60025153;60025153;60025153;113018464
? Corresponding: Nebbia G.

76.

? Title: Improvements in fatigue strength assessment of marine propellers
? Venue: Analysis and Design of Marine Structures Proceedings of the 5th International Conference on Marine Structures Marstruct 2015
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 8
? DOI: 10.1201/b18179-30
? Scopus ID: 2-s2.0-84942090946
? Pages: 213-224
? Authors: Bertoglio C.; Gaggero S.; Rizzo C. M.; Viviani M.; Vaccaro C.; Conti F.
? Source Id: 21101005766
? Author Ids: 56419756400;6503976905;15072981100;58090077400;56865744300;56865490700
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60083109
? Corresponding: Bertoglio C.

77.

? Title: Fatigue assessment of joints at bulb profiles by local approaches
? Venue: Analysis and Design of Marine Structures Proceedings of the 5th International Conference on Marine Structures Marstruct 2015
? Year: 2015
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 8
? DOI: 10.1201/b18179-34
? Scopus ID: 2-s2.0-84942081374
? Pages: 251-260
? Authors: Fischer C.; Fricke W.; Rizzo C. M.
? Source Id: 21100990677
? Author Ids: 55533737600;7006661880;15072981100
? Authoraffiliationids: 60010338;60010338;60025153
? Corresponding: Fischer C.

78.

? Title: Stability requirements for floating offshore wind turbine (FOWT) during assembly and temporary phases: Overview and application
? Venue: Ocean Engineering
? Year: 2014
? Type: Journal
? Subtype: Article
? Citations: 51
? DOI: 10.1016/j.oceaneng.2014.03.018
? Scopus ID: 2-s2.0-84899821475
? Issn: 00298018
? Volume: 84
? Pages: 164-175
? Authors: Collu Maurizio; Maggi Alan; Gualeni Paola; Rizzo Cesare Mario; Brennan

Feargal

? Keywords: Floating wind turbine | Guidelines | Installation phase | Offshore wind | Stability requirements | Transportation phase

? Quartile:

2025:

? Ocean Engineering (Q1, rank 6, percentile 95)

? Environmental Engineering (Q1, rank 38, percentile 83)

2014:

? Ocean Engineering (Q1, rank 14, percentile 84)

? Environmental Engineering (Q2, rank 28, percentile 72)

? Source Id: 28339

? Author Ids: 25924785400;56149464500;15057843300;15072981100;7102156948

? Authoraffiliationids: 60004407;60025153;60025153;60025153;60004407

? Corresponding: Collu M.

79.

? Title: Erratum: Fatigue strength assessment of propellers by means of weakly coupled cfd and fem analyses (Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE DOI: 10.1115/OMAE2014-24655e)

? Venue: Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering OMAE

? Year: 2014

? Type: Conference Proceeding

? Subtype: Erratum

? Citations: 0

? Doi: 10.1115/Omae2014-24655

? Scopus ID: 2-s2.0-85150731919

? Volume: 7

? Authors: Bertoglio Chiara; Gaggero Stefano; Rizzo Cesare M.; Viviani Michele

? Source Id: 91440

? Author Ids: 56419756400;6503976905;15072981100;58090077400

? Corresponding: Bertoglio C.

80.

? Title: Fatigue strength assessment of propellers by means of weakly coupled CFD and fem analyses

? Venue: Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering OMAE

? Year: 2014

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 7

? Doi: 10.1115/Omae2014-24655

? Scopus ID: 2-s2.0-84911163702

? Volume: 7

? Authors: Bertoglio Chiara; Gaggero Stefano; Rizzo Cesare M.; Viviani Michele

? Source Id: 91440

? Author Ids: 56419756400;6503976905;15072981100;58090077400

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Bertoglio C.

81.

? Title: Numerical simulation strategies of single lap joints

? Venue: Proceedings of the International Offshore and Polar Engineering Conference

? Year: 2014

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4
? Scopus ID: 2-s2.0-84906919672
? Issn: 10986189
? eISSN: 15551792
? Pages: 179-186
? Authors: Tomaso Emma; Risso Giovanni; Gaiotti Marco; Rizzo Cesare M.
? Keywords: Adina | Bonded joint | Cohesive zone model | Marc | Single lap test
? Quartile:
2025:
? Energy Engineering and Power Technology (Q4, rank 273, percentile 16)
? Ocean Engineering (Q4, rank 101, percentile 13)
? Mechanical Engineering (Q4, rank 650, percentile 11)
2014:
? Energy Engineering and Power Technology (Q3, rank 97, percentile 44)
? Ocean Engineering (Q3, rank 52, percentile 41)
? Mechanical Engineering (Q3, rank 327, percentile 37)
? Source Id: 77392
? Author Ids: 56349242000;55212605200;55200599100;15072981100
? Authoraffiliationids: 60025153;60122238;60025153;60025153
? Corresponding: Tomaso E.

82.
? Title: Interlaminar shear strength of marine composite laminates: Tests and numerical simulations
? Venue: Composite Structures
? Year: 2014
? Type: Journal
? Subtype: Article
? Citations: 21
? DOI: 10.1016/j.compstruct.2014.02.013
? Scopus ID: 2-s2.0-84898828190
? Issn: 02638223
? Volume: 112
? Issue: 1
? Pages: 122-133
? Authors: Godani M.; Gaiotti M.; Rizzo C. M.
? Keywords: Experimental testing | FEM | Interlaminar shear | Marine composites
? Quartile:
2025:
? Civil and Structural Engineering (Q1, rank 11, percentile 97)
? Ceramics and Composites (Q1, rank 10, percentile 92)
2014:
? Civil and Structural Engineering (Q1, rank 5, percentile 98)
? Ceramics and Composites (Q1, rank 7, percentile 92)
? Source Id: 15063
? Author Ids: 56118741700;55200599100;15072981100
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Godani M.

83.
? Title: An high order mixed interpolation tensorial components (MITC) shell element approach for modeling the buckling behavior of delaminated composites
? Venue: Composite Structures
? Year: 2014
? Type: Journal
? Subtype: Article

? Citations: 22
? DOI: 10.1016/j.compstruct.2013.10.003
? Scopus ID: 2-s2.0-84893025184
? Issn: 02638223
? Volume: 108
? Issue: 1
? Pages: 657-666
? Authors: Gaiotti Marco; Rizzo Cesare M.; Branner Kim; Berring Peter
? Keywords: Buckling | Composites | Delamination | FEM modeling | Tests
? Quartile:
2025:
? Civil and Structural Engineering (Q1, rank 11, percentile 97)
? Ceramics and Composites (Q1, rank 10, percentile 92)
2014:
? Civil and Structural Engineering (Q1, rank 5, percentile 98)
? Ceramics and Composites (Q1, rank 7, percentile 92)
? Source Id: 15063
? Author Ids: 55200599100;15072981100;22937137000;36607392100
? Authoraffiliationids: 60025153;60025153;60011373;60011373
? Corresponding: Gaiotti M.

84.
? Title: Fatigue strength assessment of hp stiffener joints with fillet-welded attachments using the peak stress method
? Venue: Computational Methods in Marine Engineering V Proceedings of the 5th International Conference on Computational Methods in Marine Engineering Marine 2013
? Year: 2013
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 9
? Scopus ID: 2-s2.0-84891364561
? Pages: 660-669
? Authors: Fischer C.; Fricke W.; Meneghetti G.; Rizzo C. M.
? Keywords: Computational methods | Fatigue | Finite element analysis | Marine engineering | Peak stress method | Welded joints
? Source Id: 21100277019
? Author Ids: 55533737600;7006661880;12758998500;15072981100
? Authoraffiliationids: 60010338;60010338;60000481;60025153
? Corresponding: Fischer C.

85.
? Title: Round robin study on local stress and fatigue assessment of lap joints and doubler plates
? Venue: Ships and Offshore Structures
? Year: 2013
? Type: Journal
? Subtype: Article
? Citations: 11
? Doi: 10.1080/17445302.2012.762727
? Scopus ID: 2-s2.0-84888006836
? Issn: 17445302
? Volume: 8
? Issue: 6
? Pages: 621-627
? Authors: Fricke Wolfgang; Codda Matteo; Feltz Olav; Garbatov Yordan; Remes Heikki; Risso Giovanni; Rizzo Cesare; Romanoff Jani

? Keywords: fatigue assessment | FEM | load carrying fillet welds | notch stress | round robin | structural stress | welded joint

? Quartile:

2025:

? Ocean Engineering (Q2, rank 33, percentile 71)
? Mechanical Engineering (Q2, rank 235, percentile 68)

2013:

? Ocean Engineering (Q2, rank 33, percentile 63)
? Mechanical Engineering (Q2, rank 243, percentile 52)

? Source Id: 19700186818

? Author Ids: 7006661880;36185051900;35084888400;12784798500;16403170800;55212605200;15072981100;12763227900

? Authoraffiliationids:

60010338;60122238;60010338;60004956;60103653;60122238;60025153;60103653

? Corresponding: Fricke W.

86.

? Title: Finite element modeling strategies for sandwich composite laminates under compressive loading

? Venue: Ocean Engineering

? Year: 2013

? Type: Journal

? Subtype: Article

? Citations: 23

? DOI: 10.1016/j.oceaneng.2013.01.031

? Scopus ID: 2-s2.0-84874913673

? Issn: 00298018

? Volume: 63

? Pages: 44-51

? Authors: Gaiotti Marco; Rizzo Cesare M.

? Keywords: Buckling | Composites | Delamination | FEM modeling | Sandwich

? Quartile:

2025:

? Ocean Engineering (Q1, rank 6, percentile 95)
? Environmental Engineering (Q1, rank 38, percentile 83)

2013:

? Ocean Engineering (Q1, rank 13, percentile 85)
? Environmental Engineering (Q2, rank 27, percentile 72)

? Source Id: 28339

? Author Ids: 55200599100;15072981100

? Authoraffiliationids: 60025153;60025153

? Corresponding: Gaiotti M.

87.

? Title: Fatigue assessment of bulb stiffener joints according to local approaches

? Venue: Ships and Offshore Structures

? Year: 2013

? Type: Journal

? Subtype: Review

? Citations: 3

? Doi: 10.1080/17445302.2011.647805

? Scopus ID: 2-s2.0-84873645355

? Issn: 17445302

? Volume: 8

? Issue: 1

? Pages: 73-83

? Authors: Rizzo Cesare Mario; Fricke Wolfgang
? Keywords: bulb plate stiffener | fatigue strength | welded joint
? Quartile:
2025:
? Ocean Engineering (Q2, rank 33, percentile 71)
? Mechanical Engineering (Q2, rank 235, percentile 68)
2013:
? Ocean Engineering (Q2, rank 33, percentile 63)
? Mechanical Engineering (Q2, rank 243, percentile 52)
? Source Id: 19700186818
? Author Ids: 15072981100;7006661880
? Authoraffiliationids: 60025153;60010338
? Corresponding: Rizzo C.

88.
? Title: Calibration of a finite element composite delamination model by experiments
? Venue: Analysis and Design of Marine Structures Proceedings of the 4th International Conference on Marine Structures Marstruct 2013
? Year: 2013
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? DOI: 10.1201/b15120-53
? Scopus ID: 2-s2.0-84874498011
? Pages: 389-396
? Authors: Gaiotti M.; Rizzo C. M.; Branner K.; Berring P.
? Source Id: 21100229849
? Author Ids: 55200599100;15072981100;22937137000;36607392100
? Authoraffiliationids: 60025153;60025153;60011373;60011373
? Corresponding: Gaiotti M.

89.
? Title: A new generation of offshore structures
? Venue: Analysis and Design of Marine Structures Proceedings of the 4th International Conference on Marine Structures Marstruct 2013
? Year: 2013
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? DOI: 10.1201/b15120-69
? Scopus ID: 2-s2.0-84874470238
? Pages: 507-513
? Authors: Brennan F. P.; Rizzo C. M.
? Source Id: 21100229849
? Author Ids: 7102156948;15072981100
? Authoraffiliationids: 60004407;60025153
? Corresponding: Brennan F.P.

90.
? Title: N-SIF based fatigue assessment of hopper knuckle details
? Venue: Sustainable Maritime Transportation and Exploitation of Sea Resources Proceedings of the 14th International Congress of the International Maritime Association of the Mediterranean Imam 2011
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 5

? Scopus ID: 2-s2.0-84896848540
? Volume: 1
? Pages: 411-418
? Authors: Fischer Claas; Fricke Wolfgang; Rizzo Cesare M.
? Source Id: 21100291826
? Author Ids: 55533737600;7006661880;15072981100
? Authoraffiliationids: 60010338;60010338;60025153
? Corresponding: Fischer C.

91.

? Title: Buckling behavior of FRP sandwich panels made by hand layup and vacuum bag infusion procedure
? Venue: Sustainable Maritime Transportation and Exploitation of Sea Resources Proceedings of the 14th International Congress of the International Maritime Association of the Mediterranean Imam 2011
? Year: 2012
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Scopus ID: 2-s2.0-84896832152
? Volume: 1
? Pages: 385-392
? Authors: Gaiotti Marco; Rizzo Cesare M.
? Source Id: 21100291826
? Author Ids: 55200599100;15072981100
? Authoraffiliationids: 60025153;60025153
? Corresponding: Gaiotti M.

92.

? Title: EFD and CFD design and analysis of a propeller in decelerating duct
? Venue: International Journal of Rotating Machinery
? Year: 2012
? Type: Journal
? Subtype: Article
? Citations: 32
? Doi: 10.1155/2012/823831
? Scopus ID: 2-s2.0-84872135567
? Issn: 1023621x
? eISSN: 15423034
? Volume: 2012
? Authors: Gaggero Stefano; Rizzo Cesare M.; Tani Giorgio; Viviani Michele
? Quartile:
2025:
? Industrial and Manufacturing Engineering (Q3, rank 229, percentile 44)
? Mechanical Engineering (Q3, rank 454, percentile 38)
2012:
? Industrial and Manufacturing Engineering (Q2, rank 127, percentile 54)
? Mechanical Engineering (Q3, rank 281, percentile 44)
? Source Id: 4000149611
? Author Ids: 6503976905;15072981100;55355605100;58090077400
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Gaggero S.

93.

? Title: Simulations of a sloshing experiment by FEM CFD and FEM FSI approaches
? Venue: Proceedings of the International Offshore and Polar Engineering Conference
? Year: 2012

? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 11
? Scopus ID: 2-s2.0-84866070604
? Issn: 10986189
? eISSN: 15551792
? Pages: 530-537
? Authors: Fossa Mattia; Rizzo Cesare M.; Tani Giorgio; Viviani Michele
? Keywords: Computational Fluid Dynamics (CFD) | Finite Element Method (FEM) | Fluid Structure Interaction (FSI) | Impact loads | Sloshing
? Quartile:
2025:
? Energy Engineering and Power Technology (Q4, rank 273, percentile 16)
? Ocean Engineering (Q4, rank 101, percentile 13)
? Mechanical Engineering (Q4, rank 650, percentile 11)
2012:
? Ocean Engineering (Q3, rank 47, percentile 45)
? Energy Engineering and Power Technology (Q3, rank 91, percentile 43)
? Mechanical Engineering (Q3, rank 323, percentile 35)
? Source Id: 77392
? Author Ids: 55356677300;15072981100;55355605100;58090077400
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Fossa M.

94.
? Title: An analytical/numerical study on buckling behaviour of typical composite top hat stiffened panels
? Venue: Ships and Offshore Structures
? Year: 2012
? Type: Journal
? Subtype: Article
? Citations: 14
? Doi: 10.1080/17445302.2010.505370
? Scopus ID: 2-s2.0-84860338143
? Issn: 17445302
? Volume: 7
? Issue: 2
? Pages: 151-164
? Authors: Gaiotti Marco; Rizzo Cesare M.
? Keywords: buckling | composite | naval structures | pleasure craft | scantling assessments
? Quartile:
2025:
? Ocean Engineering (Q2, rank 33, percentile 71)
? Mechanical Engineering (Q2, rank 235, percentile 68)
2012:
? Ocean Engineering (Q2, rank 36, percentile 58)
? Mechanical Engineering (Q3, rank 267, percentile 46)
? Source Id: 19700186818
? Author Ids: 55200599100;15072981100
? Authoraffiliationids: 60025153;60025153
? Corresponding: Gaiotti M.

95.
? Title: Fatigue assessment of bulb stiffener joints according to local approaches
? Venue: Rivista Italiana Della Saldatura

? Year: 2012
? Type: Journal
? Subtype: Article
? Citations: 1
? Scopus ID: 2-s2.0-84862506397

? Issn: 00356794

? Volume: 64

? Issue: 2

? Pages: 177-187

? Authors: Rizzo C. M.; Fricke W.

? Keywords: Crack propagation | Design | Fatigue cracks | Fatigue strength | Finite element analysis | Girders | Local effects | Mathematical models | Notch effect | Sections | Shipbuilding | Simulating | Stress analysis | Structural members | Structural steels | Welded joints

? Quartile:

2025:

? Mechanical Engineering (Q4, rank 721, percentile 2)

? Mechanics of Materials (Q4, rank 412, percentile 0)

2012:

? Mechanical Engineering (Q4, rank 463, percentile 7)

? Mechanics of Materials (Q4, rank 293, percentile 4)

? Source Id: 29510

? Author Ids: 15072981100;7006661880

? Authoraffiliationids: 60025153;60010338

? Corresponding: Rizzo C.

96.

? Title: Cavitation tunnel tests on ducted propellers

? Venue: Nav International Conference on Ship and Shipping Research

? Year: 2012

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 5

? Scopus ID: 2-s2.0-84911886883

? Issn: 22828397

? Volume: 0

? Authors: Bertetta Daniele; Bertoglio Chiara; Conti Francesco; Rizzo Cesare M.; Viviani Michele

? Source Id: 21100875435

? Author Ids: 55334414300;56419756400;56865490700;15072981100;58090077400

? Authoraffiliationids: 60025153;60025153;60083109;60025153;60025153

? Corresponding: Bertetta D.

97.

? Title: Comparison of two finite element methods with experiments of delaminated composite panels

? Venue: Iccm International Conferences on Composite Materials

? Year: 2011

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 5

? Scopus ID: 2-s2.0-84875938149

? Authors: Branner K.; Berring P.; Gaiotti M.; Rizzo C. M.

? Keywords: Compressive strength | Delamination | Experiments | Finite element analysis

? Source Id: 19900192335

? Author Ids: 22937137000;36607392100;55200599100;15072981100

- ? Authoraffiliationids: 60011373;60011373;60025153;60025153
? Corresponding: Branner K.
98.
? Title: Buckling behavior of FRP sandwich panels made by hand layup and vacuum bag infusion procedure
? Venue: Sustainable Maritime Transportation and Exploitation of Sea Resources
? Year: 2011
? Type: Book
? Subtype: Book Chapter
? Citations: 2
? Scopus ID: 2-s2.0-85059551556
? Pages: 385-392
? Authors: Gaiotti Marco; Rizzo Cesare M.
? Source Id: 21100894060
? Author Ids: 55200599100;15072981100
? Authoraffiliationids: 60025153;60025153
? Corresponding: Gaiotti M.
99.
? Title: N-SIF based fatigue assessment of hopper knuckle details
? Venue: Sustainable Maritime Transportation and Exploitation of Sea Resources
? Year: 2011
? Type: Book
? Subtype: Book Chapter
? Citations: 3
? DOI: 10.1201/b11810-64
? Scopus ID: 2-s2.0-84880962967
? Pages: 411-418
? Authors: Fischer Claas; Fricke Wolfgang; Rizzo Cesare M.
? Source Id: 21100894060
? Author Ids: 55533737600;7006661880;15072981100
? Authoraffiliationids: 60010338;60010338;60025153
? Corresponding: Fischer C.
100.
? Title: Round-robin on local stress determination and fatigue assessment of load-carrying fillet-welded joints
? Venue: Advances in Marine Structures
? Year: 2011
? Type: Book
? Subtype: Book Chapter
? Citations: 1
? Scopus ID: 2-s2.0-85133305217
? Pages: 295-302
? Authors: Fricke Wolfgang; Codda Matteo; Feltz Olav; Garbatov Yordan; Remes Heikki; Risso Giovanni; Rizzo Cesare; Romanoff Jani
? Source Id: 21101094529
? Author Ids: 7006661880;36185051900;35084888400;12784798500;16403170800;55212605200;15072981100;12763227900
? Authoraffiliationids: 60010338;60122238;60010338;60004956;60103653;60122238;60025153;60103653
? Corresponding: Fricke W.
101.
? Title: Finite elements modeling of delaminations in composite laminates
? Venue: Advances in Marine Structures
? Year: 2011

- ? Type: Book
? Subtype: Book Chapter
? Citations: 0
? Scopus ID: 2-s2.0-85133226618
? Pages: 133-139
? Authors: Gaiotti M.; Rizzo C. M.; Branner K.; Berring P.
? Source Id: 21101094529
? Author Ids: 55200599100;15072981100;22937137000;36607392100
? Authoraffiliationids: 60025153;60025153;60011373;60011373
? Corresponding: Gaiotti M.
102.
? Title: Round-robin on local stress determination and fatigue assessment of load-carrying fillet-welded joints
? Venue: Advances in Marine Structures Proceedings of the 3rd International Conference on Marine Structures Marstruct 2011
? Year: 2011
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? DOI: 10.1201/b10771-35
? Scopus ID: 2-s2.0-84860826297
? Pages: 295-302
? Authors: Fricke Wolfgang; Codda Matteo; Feltz Olav; Garbatov Yordan; Remes Heikki; Risso Giovanni; Rizzo Cesare; Romanoff Jani
? Source Id: 21100988194
? Author Ids: 7006661880;36185051900;35084888400;12784798500;16403170800;55212605200;15072981100;12763227900
? Authoraffiliationids: 60010338;60122238;60010338;60004956;60103653;60122238;60025153;60103653
? Corresponding: Fricke W.
103.
? Title: Finite elements modeling of delaminations in composite laminates
? Venue: Advances in Marine Structures Proceedings of the 3rd International Conference on Marine Structures Marstruct 2011
? Year: 2011
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 9
? DOI: 10.1201/b10771-18
? Scopus ID: 2-s2.0-84860788878
? Pages: 133-139
? Authors: Gaiotti M.; Rizzo C. M.; Branner K.; Berring P.
? Source Id: 21100201968
? Author Ids: 55200599100;15072981100;22937137000;36607392100
? Authoraffiliationids: 60025153;60025153;60011373;60011373
? Corresponding: Gaiotti M.
104.
? Title: Scantling of mast and rigging of sail boats: A few hints from a test case to develop improved design procedures
? Venue: 11th International Symposium on Practical Design of Ships and Other Floating Structures Prads 2010
? Year: 2010
? Type: Conference Proceeding
? Subtype: Conference Paper

? Citations: 11
? Scopus ID: 2-s2.0-84871364974
? Volume: 1
? Pages: 613-623
? Authors: Rizzo Cesare M.; Boote Dario
? Keywords: Assessment | FEM | Mast | Rigging | Sails | Scantling
? Source Id: 21100223544
? Author Ids: 15072981100;56214807300
? Authoraffiliationids: 60025153;60025153
? Corresponding: Rizzo C.M.

105.

? Title: Erratum to Application of the 'structural stress' approach to a welded joint with complex geometry (Welding International, (2009), 12, (904-915))
? Venue: Welding International
? Year: 2010
? Type: Journal
? Subtype: Erratum
? Citations: 0
? Doi: 10.1080/09507111003739988
? Scopus ID: 2-s2.0-77951646909
? Issn: 09507116
? eISSN: 17542138
? Volume: 24
? Issue: 5
? Pages: 390-400
? Authors: Rizzo C. M.; Codda M.
? Quartile:

2025:

? Metals and Alloys (Q2, rank 89, percentile 50)
? Mechanical Engineering (Q3, rank 417, percentile 43)
? Mechanics of Materials (Q3, rank 256, percentile 38)
? Source Id: 7100153106
? Author Ids: 15072981100;36185051900
? Authoraffiliationids: 60025153;60122238
? Corresponding: Rizzo C.M.

106.

? Title: Comparison among several local stress approaches to the analysis of fatigue of corner-seam welding
? Venue: Rivista Italiana Della Saldatura
? Year: 2010
? Type: Journal
? Subtype: Article
? Citations: 0
? Scopus ID: 2-s2.0-77950801473
? Issn: 00356794
? Volume: 62
? Issue: 1
? Pages: 65-79
? Authors: Rizzo C. M.; Avvisati M. A.
? Keywords: Comparisons | Fatigue strength | Fillet welds | Finite element analysis | IIW | Lap joints | Local effects | Notch effect | Simulating | Stress analysis | Stress distribution | Welded joints
? Quartile:
2025:

? Mechanical Engineering (Q4, rank 721, percentile 2)
? Mechanics of Materials (Q4, rank 412, percentile 0)
? Source Id: 29510
? Author Ids: 15072981100;35791674700
? Authoraffiliationids: 60025153;60025153
? Corresponding: Rizzo C.M.

107.

? Title: Application of the 'structural stress' approach to a welded joint with complex geometry
? Venue: Welding International
? Year: 2009
? Type: Journal
? Subtype: Article
? Citations: 1
? Doi: 10.1080/09507110902843297
? Scopus ID: 2-s2.0-70449100987
? Issn: 09507116
? eISSN: 17542138
? Volume: 23
? Issue: 12
? Pages: 904-915
? Authors: Rizzo C. M.; Codda M.

? Keywords: Design | Fatigue life | Fatigue strength | Fatigue tests | Finite element analysis | Mathematical models | Prediction | Shipbuilding | Ships | Stress analysis | Welded joints

? Quartile:

2025:

? Metals and Alloys (Q2, rank 89, percentile 50)
? Mechanical Engineering (Q3, rank 417, percentile 43)
? Mechanics of Materials (Q3, rank 256, percentile 38)

? Source Id: 7100153106

? Author Ids: 15072981100;36185051900

? Authoraffiliationids: 60025153;60122238

? Corresponding: Rizzo C.

108.

? Title: Structural monitoring of mast and rigging of sail ships
? Venue: Proceedings of Marstruct 2009 2nd International Conference on Marine Structures Analysis and Design of Marine Structures
? Year: 2009
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 8
? Scopus ID: 2-s2.0-70349333376
? Pages: 333-343
? Authors: Carrera G.; Rizzo C. M.; Paci M.
? Source Id: 19300156924
? Author Ids: 7007054988;15072981100;35085260400
? Authoraffiliationids: 60004718;60004718;107898285
? Corresponding: Carrera G.

109.

? Title: Structural monitoring of mast and rigging of sail ships
? Venue: Analysis and Design of Marine Structures Including Cd Rom
? Year: 2009
? Type: Book

- ? Subtype: Book Chapter
? Citations: 0
? Scopus ID: 2-s2.0-85056027802
? Pages: 333-343
? Authors: Carrera G.; Rizzo C. M.; Paci M.
? Source Id: 21100884643
? Author Ids: 7007054988;15072981100;35085260400
? Authoraffiliationids: 60025153;60025153;107898285
? Corresponding: Carrera G.
110.
? Title: Fracture analysis of a bolted joint of a large pump frame of a desalination plant
? Venue: Engineering Against Fracture Proceedings of the 1st Conference
? Year: 2009
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.1007/978-1-4020-9402-6_41
? Scopus ID: 2-s2.0-84898901957
? Pages: 499-512
? Authors: Carassale Luigi; Rizzo Cesare Mario
? Keywords: Fatigue | Finite elements | Fracture | Measurements | Pump | Vibration
? Source Id: 21101015775
? Author Ids: 55923579900;15072981100
? Authoraffiliationids: 60025153;60025153
? Corresponding: Carassale L.
111.
? Title: Round robin study on structural hot-spot and effective notch stress analysis
? Venue: Ships and Offshore Structures
? Year: 2008
? Type: Journal
? Subtype: Conference Paper
? Citations: 33
? Doi: 10.1080/17445300802371261
? Scopus ID: 2-s2.0-78651540918
? Issn: 17445302
? Volume: 3
? Issue: 4
? Pages: 335-345
? Authors: Fricke Wolfgang; Bollero Andrea; Chirica Ionel; Garbatov Yordan; Jancart Fabrice; Kahl Adrian; Remes Heikki; Rizzo Cesare; von Selle Hubertus; Urban Axel; Wei Liwu
? Keywords: Fatigue | FEM | Notch stress | Structural hot-spot stress | Welded joint
? Quartile:
2025:
? Ocean Engineering (Q2, rank 33, percentile 71)
? Mechanical Engineering (Q2, rank 235, percentile 68)
? Source Id: 19700186818
? Author Ids: 7006661880;24480660200;26022797600;12784798500;6505932953;14035762700;16403170800;15072981100;6504737890;36807261000;7402951349
? Authoraffiliationids: 60010338;60122238;60008717;60004956;107853086;60072185;60103653;60025153;60072185;100621527;60015726
? Corresponding: Fricke W.
- 112.

? Title: Application of the hot spot stress approach to a complex structural detail
? Venue: Maritime Industry Ocean Engineering and Coastal Resources Proceedings of the 12th International Congress of the International Maritime Association of the Mediterranean Imam 2007
? Year: 2008
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 6
? Scopus ID: 2-s2.0-84859952472
? Volume: 1
? Pages: 245-256
? Authors: Notaro G.; Rizzo C. M.; Casuscelli F.; Codda M.
? Source Id: 21100201036
? Author Ids: 36239978500;15072981100;55193027200;36185051900
? Authoraffiliationids: 60025153;60025153;60122238;60122238
? Corresponding: Notaro G.

113.

? Title: A review of ship surveys practices and of marine casualties partly due to aging effects
? Venue: Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering OMAE
? Year: 2008
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.1115/Omae2008-57847
? Scopus ID: 2-s2.0-77957977413
? Volume: 2
? Pages: 807-818
? Authors: Rizzo Cesare Mario; Lo Nigro Angelo
? Source Id: 91440
? Author Ids: 15072981100;6507399671
? Authoraffiliationids: 60025153;
? Corresponding: Rizzo C.

114.

? Title: Applicazione dell'approccio "structural stress" ad un giunto saldato di geometria complessa
? Venue: Rivista Italiana Della Saldatura
? Year: 2008
? Type: Journal
? Subtype: Article
? Citations: 1
? Scopus ID: 2-s2.0-56749165076
? Issn: 00356794
? Volume: 60
? Issue: 5
? Pages: 673-683
? Authors: Rizzo C. M.; Codda M.
? Keywords: Design | Fatigue life | Fatigue strength | Fatigue tests | Finite element analysis | Mathematical models | Prediction | Shipbuilding | Ships | Stress analysis | Welded joints
? Quartile:
2025:
? Mechanical Engineering (Q4, rank 721, percentile 2)

? Mechanics of Materials (Q4, rank 412, percentile 0)

? Source Id: 29510

? Author Ids: 15072981100;36185051900

? Authoraffiliationids: 60025153;60122238

? Corresponding: Rizzo C.M.

115.

? Title: Maintenance of aged ships and offshore structures

? Venue: Condition Assessment of Aged Structures

? Year: 2008

? Type: Book

? Subtype: Book Chapter

? Citations: 2

? Doi: 10.1533/9781845695217.5.430

? Scopus ID: 2-s2.0-84874477798

? Pages: 430-458

? Authors: Rizzo Cesare Mario

? Source Id: 21100318798

? Author Ids: 15072981100

? Authoraffiliationids: 60025153

? Corresponding: Rizzo C.

116.

? Title: Inspection of aged ships and offshore structures

? Venue: Condition Assessment of Aged Structures

? Year: 2008

? Type: Book

? Subtype: Book Chapter

? Citations: 8

? Doi: 10.1533/9781845695217.5.367

? Scopus ID: 2-s2.0-84874470570

? Pages: 367-406

? Authors: Rizzo C. M.

? Source Id: 21100318798

? Author Ids: 15072981100

? Authoraffiliationids: 60025153

? Corresponding: Rizzo C.M.

117.

? Title: Round Robin study on structural hot-spot and effective notch stress analysis

? Venue: Advancements in Marine Structures Proceedings of Marstruct 2007 the 1st International Conference on Marine Structures

? Year: 2007

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 19

? Scopus ID: 2-s2.0-84857753571

? Pages: 159-167

? Authors: Fricke W.; Bollero A.; Chirica I.; Garbatov Y.; Jancart F.; Kahl A.; Remes H.; Rizzo C. M.; Von Selle H.; Urban A.; Wei L.

? Source Id: 21100198532

? Author Ids: 7006661880;24480660200;26022797600;12784798500;6505932953;14035762700;16403170800;15072981100;6504737890;36807261000;7402951349

? Authoraffiliationids: 60010338;60122238;60008717;60004956;100469596;60010338;60103653;60025153;60072185;100621527;60015726

? Corresponding: Fricke W.

118.

? Title: Current practices and recent advances in condition assessment of aged ships
? Venue: Ships and Offshore Structures
? Year: 2007
? Type: Journal
? Subtype: Article
? Citations: 33
? Doi: 10.1080/17445300701423486
? Scopus ID: 2-s2.0-77957981862
? Issn: 17445302
? Volume: 2
? Issue: 3
? Pages: 261-271
? Authors: Rizzo C. M.; Paik J. K.; Brennan F.; Carlsen C. A.; Daley C.; Garbatov Y.; Ivanov L.; Simonsen B. C.; Yamamoto N.; Zhuang H. Z.
? Keywords: Age-related deterioration | Condition assessment | Corrosion | Cracking | Damage | Inspection | Maintenance | Repair
? Quartile:
2025:
? Ocean Engineering (Q2, rank 33, percentile 71)
? Mechanical Engineering (Q2, rank 235, percentile 68)
? Source Id: 19700186818
? Author Ids: 15072981100;35821146600;7102156948;6701375060;7005798187;12784798500;7201408620;700333222;59096907400;36807401800
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Rizzo C.M.

119.
? Title: Collapse of FRP/syntactic foam sandwich panels
? Venue: Wit Transactions on Engineering Sciences
? Year: 2007
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.2495/Mc070231
? Scopus ID: 2-s2.0-38849166599
? Issn: 17433533
? Volume: 57
? Pages: 231-240
? Authors: Perfumo M.; Rizzo C. M.; Salio M. P.

? Keywords: Composite sandwich | FRP | Laminates | Large scale tests | Mechanical tests | Numerical simulation (FEM) | Prepreg | Syntactic epoxy foam

? Quartile:
2025:
? Fluid Flow and Transfer Processes (Q4, rank 85, percentile 13)
? Materials Science (all) (Q4, rank 425, percentile 9)
? Mechanics of Materials (Q4, rank 376, percentile 9)
? Computational Mechanics (Q4, rank 85, percentile 8)
? Electrochemistry (Q4, rank 64, percentile 2)
? Source Id: 6000195382
? Author Ids: 23486499100;15072981100;55332828700
? Authoraffiliationids: 105491029;60025153;60025153
? Corresponding: Perfumo M.

120.
? Title: Fatigue strength of a typical ship structural detail: Tests and calculation

methods

? Venue: Fatigue and Fracture of Engineering Materials and Structures

? Year: 2007

? Type: Journal

? Subtype: Review

? Citations: 11

? DOI: 10.1111/j.1460-2695.2007.01147.x

? Scopus ID: 2-s2.0-34250788518

? Issn: 8756758x

? eISSN: 14602695

? Volume: 30

? Issue: 7

? Pages: 653-663

? Authors: Rizzo Cesare M.; Tedeschi R. A.

? Keywords: Fatigue | Hot-spot | S-N curve | Testing | Welded joint

? Quartile:

2025:

? Mechanical Engineering (Q1, rank 182, percentile 75)

? Mechanics of Materials (Q2, rank 125, percentile 69)

? Materials Science (all) (Q2, rank 172, percentile 63)

? Source Id: 29222

? Author Ids: 15072981100;7006593465

? Authoraffiliationids: 60025153;60025153

? Corresponding: Rizzo C.

121.

? Title: A comparison of common structural rules with previous class rules

? Venue: Rina Royal Institution of Naval Architects International Conference

Developments in Classification and International Regulations Papers

? Year: 2007

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 4

? DOI: 10.3940/rina.dcir.2007.01

? Scopus ID: 2-s2.0-56149092652

? Pages: 41-50

? Authors: Rizzo C. M.; Rizzuto E.

? Source Id: 12700154729

? Author Ids: 15072981100;6602173744

? Authoraffiliationids: 60025153;60025153

? Corresponding: Rizzo C.M.

122.

? Title: Modelling strength degradation phenomena and inspections used for reliability assessment based on maintenance planning

? Venue: Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering OMAE

? Year: 2006

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 9

? Scopus ID: 2-s2.0-33751351270

? Volume: 2006

? Authors: Garbatov Y.; Guedes Soares C.; Rizzo C. M.; Rizzuto E.; Ok D.; Pu Y.; Rouhan A.; Parmentier G.

? Source Id: 91440

? Author Ids: 12784798500;56978160800;15072981100;6602173744;13409470200;7103191436;16556171200;7006702393

? Authoraffiliationids:

60004956;60004956;60025153;60025153;60006222;60006222;60007398;60007398

? Corresponding: Garbatov Y.

123.

? Title: Fatigue crack growth assessment of welded joints in ships structures: A reliability-based sensitivity study

? Venue: Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering OMAE

? Year: 2006

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 3

? Doi: 10.1115/Omae2006-92136

? Scopus ID: 2-s2.0-33751341493

? Volume: 2006

? Authors: Rizzo Cesare Mario; Ayala-Uraga Efren

? Source Id: 91440

? Author Ids: 15072981100;10046684600

? Authoraffiliationids: 60025153;60019271

? Corresponding: Rizzo C.M.

124.

? Title: The lengthening of a small chemical tanker: A comparison of class scantling rules

? Venue: Ships and Offshore Structures

? Year: 2006

? Type: Journal

? Subtype: Article

? Citations: 1

? DOI: 10.1533/saos.2006.0106

? Scopus ID: 2-s2.0-84928727664

? Issn: 17445302

? Volume: 1

? Issue: 2

? Pages: 71-81

? Authors: Rizzo C. M.

? Keywords: Classification societies | Comparison | Lengthening | Scantling rules | Tanker

? Quartile:

2025:

? Ocean Engineering (Q2, rank 33, percentile 71)

? Mechanical Engineering (Q2, rank 235, percentile 68)

? Source Id: 19700186818

? Author Ids: 15072981100

? Authoraffiliationids: 60025153

? Corresponding: Rizzo C.M.

125.

? Title: Effects of fuel quality on two strokes slow speed diesel engines

? Venue: Proceedings of the 12th International Congress of the International Maritime Association of the Mediterranean Imam 2005 Maritime Transportation and Exploitation of Ocean and Coastal Resources

? Year: 2005

? Type: Conference Proceeding

? Subtype: Conference Paper
? Citations: 1
? Scopus ID: 2-s2.0-60949099582
? Volume: 1
? Pages: 627-634
? Authors: Benvenuto G.; Figari M.; Rizzo C. M.
? Source Id: 15900154713
? Author Ids: 57197362695;6507282370;15072981100
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Benvenuto G.

126.

? Title: Comparison of the JTP and JBP drafts with other class rules
? Venue: Proceedings of the 12th International Congress of the International Maritime Association of the Mediterranean Imam 2005 Maritime Transportation and Exploitation of Ocean and Coastal Resources
? Year: 2005
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-60749110054
? Volume: 1
? Pages: 507-519
? Authors: Rizzo C. M.; Rizzuto E.
? Source Id: 15900154713
? Author Ids: 15072981100;6602173744
? Authoraffiliationids: 60025153;60025153
? Corresponding: Rizzo C.M.