

## ZACCONE RAPHAEL

### Overview

? Unit: NAV  
? Role: Professore associato  
? Grade: Prof.Associato Legge 240/10 - t.pieno - classe 0  
? SSD: IIND-01/B (Costruzioni e impianti navali)  
? Scopus ID: 56717793100  
? Unige Id: 304841  
? Retrieved at: 2025-11-14T15:14:26.339592

### Contact

? Email: [raphael.zaccone@unige.it](mailto:raphael.zaccone@unige.it)  
? Page: <https://rubrica.unige.it/personale/VkNDU15o>  
? Locations: Villa Cambiaso - padiglioni (ED161450103), 1° piano, US161450103.I.036

### Career

? Cb, 2014-10-24 ? 2019-03-01  
? Ar, 2017-02-01 ? 2019-01-31  
? Rd, 2019-06-01 ? 2024-09-30  
? Pa, 2024-10-01 ? 2222-02-02

### Responsibilities

? Title: Membro della Giunta di dipartimento  
? Unit: Dipartimento di ingegneria navale, elettrica, elettronica e delle telecomunicazioni - DITEN  
? Period: 2024-11-01 ? 2027-10-31

### Teaching

#### 2025

? Navi Militari (60168), L-9 - Ingegneria Navale  
? Propulsione Navale (112046), L-9 - Ingegneria Navale

#### 2024

? Impianti Navali (84416), L-9 - Ingegneria Navale  
? Navi Militari (60168), L-9 - Ingegneria Navale  
? Ship Plants And System Safety (101134), L-28 - Maritime Science And Technology

#### 2023

? Impianti Navali (84416), L-9 - Ingegneria Navale  
? Navi Militari (60168), L-9 - Ingegneria Navale  
? Progetto Della Nave Militare (60191), Lm-34 - Ingegneria Navale

#### 2022

? Impianti Navali (84416), L-9 - Ingegneria Navale  
? Navi Militari (60168), L-9 - Ingegneria Navale  
? Progetto Della Nave Militare (60191), Lm-34 - Ingegneria Navale  
? Ship Propulsion Plants (66288), Lm-34 - Yacht Design

#### 2021

? Impianti Navali (84416), L-9 - Ingegneria Navale  
? Navi Militari (60168), L-9 - Ingegneria Navale  
? Progetto Della Nave Militare (60191), Lm-34 - Ingegneria Navale  
? Ship Propulsion Plants (66288), Lm-34 - Yacht Design

2020

? Navi Militari (60168), L-9 - Ingegneria Navale

? Impianti Navali (84416), L-9 - Ingegneria Navale

? Progetto Della Nave Militare (60191), Lm-34 - Ingegneria Navale

#### Scopus Metrics

? absolute; Docs: 45; Journals: 20; Conferences: 22; Citations: 782; H-index: 15

? 15 years (2010-2025); Docs: 45; Journals: 20; Conferences: 22; Citations: 782; H-index:

15

? 10 years (2015-2025); Docs: 45; Journals: 20; Conferences: 22; Citations: 782; H-index:

15

? 05 years (2020-2025); Docs: 27; Journals: 13; Conferences: 12; Citations: 325; H-index:

9

#### Scopus Products

1.

? Title: Digital Technologies Can Modify the Decision-Making Process on Ship Bridges

? Venue: Progress in Marine Science and Technology

? Year: 2025

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.3233/Pmst250094

? Scopus ID: 2-s2.0-105016151432

? Issn: 25430955

? eISSN: 25430963

? Volume: 10

? Pages: 793-801

? Authors: Martelli Michele; Longo Giacomo; Russo Enrico; Zaccone Raphael

? Keywords: Autonomous Ship | Collision avoidance | Decision support system | MASS

? 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: 55521641400;57468566600;57197855120;56717793100

? Authoraffiliationids: 60025153;60121711;60121711;60025153

? Corresponding: Martelli M.

2.

? Title: LiDAR target detection and classification for ship situational awareness: A hybrid learning approach

? Venue: Applied Ocean Research

? Year: 2025

? Type: Journal

? Subtype: Article

? Citations: 5

? DOI: 10.1016/j.apor.2025.104552

? Scopus ID: 2-s2.0-105002009151

? Issn: 01411187

? Volume: 158

? Authors: Ponzini Filippo; Zaccone Raphael; Martelli Michele

? Keywords: LiDAR | Marine Autonomous Surface Ships | Marine situational awareness |

Navigation system | Obstacle classification | Obstacle detection

? Quartile:

2025:

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

? Source Id: 26776

? Author Ids: 58576469000;56717793100;55521641400

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Ponzini F.

3.

? Title: Sustainable yacht refits: Structural solutions in methanol-powered conversion

? Venue: Ocean Engineering

? Year: 2025

? Type: Journal

? Subtype: Article

? Citations: 0

? DOI: 10.1016/j.oceaneng.2025.120618

? Scopus ID: 2-s2.0-85217922661

? Issn: 00298018

? Volume: 323

? Authors: Basciu Federico; Casali Giorgio; Maloberti Luca; Pais Tatiana; Vergassola Gianmarco; Zaccone Raphael

? Keywords: Carbon emission reduction | Corrugated plate | Finite Element Model | Methanol | Yacht

? Quartile:

2025:

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

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

? Source Id: 28339

? Author Ids: 59559407200;59559202200;57894265000;55611778200;57191615489;56717793100

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

? Corresponding: Basciu F.

4.

? Title: A comparison among innovative hybrid propulsion systems to reduce the environmental impact of a small passenger ship

? Venue: Sustainable Energy Technologies and Assessments

? Year: 2025

? Type: Journal

? Subtype: Article

? Citations: 2

? DOI: 10.1016/j.seta.2025.104194

? Scopus ID: 2-s2.0-85216223286

? Issn: 22131388

? Volume: 75

? Authors: Maloberti Luca; Zaccone Raphael; De Gaetano Jacopo; Campora Ugo

? Keywords: Alternative fuel | E-fuels | Liquefied Natural Gas | Marine hybrid propulsion

? Quartile:

2025:

? Energy Engineering and Power Technology (Q1, rank 14, percentile 95)

? Renewable Energy, Sustainability and the Environment (Q1, rank 30, percentile 90)

? Source Id: 21100239262

? Author Ids: 57894265000;56717793100;59531181600;6508251998

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Maloberti L.

- 5.
- ? Title: An environmentally sustainable energy management strategy for marine hybrid propulsion
  - ? Venue: Energy
  - ? Year: 2025
  - ? Type: Journal
  - ? Subtype: Article
  - ? Citations: 8
  - ? DOI: 10.1016/j.energy.2025.134517
  - ? Scopus ID: 2-s2.0-85215382933
  - ? Issn: 03605442
  - ? eISSN: 18736785
  - ? Volume: 316
  - ? Authors: Maloberti Luca; Zaccone Raphael
  - ? Keywords: Energy management | Energy storage system | Fuel-cell | Hydrogen | Marine hybrid propulsion | Optimization
  - ? Quartile:  
2025:
    - ? Modeling and Simulation (Q1, rank 4, percentile 99)
    - ? Civil and Structural Engineering (Q1, rank 7, percentile 98)
    - ? Mechanical Engineering (Q1, rank 19, percentile 97)
    - ? Building and Construction (Q1, rank 7, percentile 97)
    - ? Management, Monitoring, Policy and Law (Q1, rank 13, percentile 96)
    - ? Electrical and Electronic Engineering (Q1, rank 34, percentile 96)
    - ? Energy Engineering and Power Technology (Q1, rank 16, percentile 95)
    - ? Pollution (Q1, rank 10, percentile 94)
    - ? Industrial and Manufacturing Engineering (Q1, rank 23, percentile 94)
    - ? Fuel Technology (Q1, rank 10, percentile 93)
    - ? Energy (all) (Q1, rank 7, percentile 91)
    - ? Renewable Energy, Sustainability and the Environment (Q1, rank 32, percentile 89)
  - ? Source Id: 29348
  - ? Author Ids: 57894265000;56717793100
  - ? Authoraffiliationids: 60025153;60025153
  - ? Corresponding: Maloberti L.
- 6.
- ? Title: A Dynamic Programming Approach to the Collision Avoidance of Autonomous Ships
  - ? Venue: Mathematics
  - ? Year: 2024
  - ? Type: Journal
  - ? Subtype: Article
  - ? Citations: 14
  - ? DOI: 10.3390/math12101546
  - ? Scopus ID: 2-s2.0-85194067117
  - ? eISSN: 22277390
  - ? Volume: 12
  - ? Issue: 10
  - ? Authors: Zaccone Raphael
  - ? Keywords: autonomous ship | collision avoidance | dynamic programming | optimization | path planning
  - ? Quartile:  
2025:
    - ? Mathematics (all) (Q1, rank 33, percentile 92)
    - ? Engineering (miscellaneous) (Q2, rank 75, percentile 73)
    - ? Computer Science (miscellaneous) (Q2, rank 56, percentile 67)

2024:

- ? Mathematics (all) (Q1, rank 32, percentile 92)
- ? Engineering (miscellaneous) (Q2, rank 70, percentile 73)
- ? Computer Science (miscellaneous) (Q2, rank 56, percentile 65)
- ? Source Id: 21100830702
- ? Author Ids: 56717793100
- ? Authoraffiliationids: 60025153
- ? Corresponding: Zacccone R.

7.

- ? Title: A structured metric approach to compare marine collision avoidance algorithms
- ? Venue: Proceedings of the International Ship Control Systems Symposium
- ? Year: 2024
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 1
- ? Doi: 10.24868/11143
- ? Scopus ID: 2-s2.0-85210105149
- ? eISSN: 26318741
- ? Authors: Zacccone R.; Donnarumma S.; Martelli M.
- ? Keywords: Autonomous Navigation | COLREG | MASS | Path Planning | Simulation
- ? Quartile:

2025:

- ? Electrical and Electronic Engineering (Q4, rank 793, percentile 20)
- ? Ocean Engineering (Q4, rank 93, percentile 20)
- ? Control and Systems Engineering (Q4, rank 327, percentile 14)
- ? Human-Computer Interaction (Q4, rank 174, percentile 9)

2024:

- ? Ocean Engineering (Q4, rank 99, percentile 13)
- ? Electrical and Electronic Engineering (Q4, rank 860, percentile 11)
- ? Control and Systems Engineering (Q4, rank 348, percentile 7)
- ? Human-Computer Interaction (Q4, rank 178, percentile 4)

- ? Source Id: 21101052918
- ? Author Ids: 56717793100;55350308600;55521641400
- ? Authoraffiliationids: 60025153;60025153;60025153
- ? Corresponding: Zacccone R.

8.

- ? Title: Battery Energy Storage System Sizing Strategy for Naval Vessels through Multi-Objective Optimisation
- ? Venue: Proceedings of the International Ship Control Systems Symposium
- ? Year: 2024
- ? Type: Conference Proceeding
- ? Subtype: Conference Paper
- ? Citations: 3
- ? Doi: 10.24868/11140
- ? Scopus ID: 2-s2.0-85210076797
- ? eISSN: 26318741
- ? Authors: Belvisi D.; Maloberti L.; Zacccone R.; Figari M.
- ? Keywords: Battery Energy Storage System | Decarbonisation | Energy management | Genetic Algorithm | Hybrid Energy Systems | Load sharing | Naval ships | Optimisation
- ? Quartile:

2025:

- ? Electrical and Electronic Engineering (Q4, rank 793, percentile 20)
- ? Ocean Engineering (Q4, rank 93, percentile 20)
- ? Control and Systems Engineering (Q4, rank 327, percentile 14)

? Human-Computer Interaction (Q4, rank 174, percentile 9)  
2024:  
? Ocean Engineering (Q4, rank 99, percentile 13)  
? Electrical and Electronic Engineering (Q4, rank 860, percentile 11)  
? Control and Systems Engineering (Q4, rank 348, percentile 7)  
? Human-Computer Interaction (Q4, rank 178, percentile 4)  
? Source Id: 21101052918  
? Author Ids: 57893543900;57894265000;56717793100;6507282370  
? Authoraffiliationids: 131972382-127025955;131972382;131972382;131972382  
? Corresponding: Belvisi D.

9.

? Title: Evaluating alternative fuels and power systems for marine hybrid propulsion  
? Venue: Advances in Maritime Technology and Engineering Volume 2  
? Year: 2024  
? Type: Book  
? Subtype: Book Chapter  
? Citations: 5  
? Doi: 10.1201/9781003508779-5  
? Scopus ID: 2-s2.0-85204515129  
? Pages: 45-53  
? Authors: Maloberti L.; Adami G.; Figari M.; Zacccone R.  
? Source Id: 21101249110  
? Author Ids: 57894265000;59091049700;6507282370;56717793100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Maloberti L.

10.

? Title: Ship Collision detection and classification employing AIS data  
? Venue: Proceedings of the International Offshore and Polar Engineering Conference  
? Year: 2024  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Scopus ID: 2-s2.0-85200733361  
? Issn: 10986189  
? eISSN: 15551792  
? Volume: 1  
? Pages: 3359-3363  
? Authors: Martelli Michele; ?u?kin Srdan; Cellerino Elena; Zacccone Raphael  
? Keywords: AIS data | Autonomous navigation | Collision avoidance | Collision risk | COLREG  
? 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)  
2024:  
? Ocean Engineering (Q4, rank 98, percentile 14)  
? Energy Engineering and Power Technology (Q4, rank 266, percentile 11)  
? Mechanical Engineering (Q4, rank 646, percentile 10)  
? Source Id: 77392  
? Author Ids: 55521641400;55808104300;59251623400;56717793100  
? Authoraffiliationids: 60025153;60271610;60025153;60025153  
? Corresponding: Martelli M.

11.

? Title: Adversarial waypoint injection attacks on Maritime Autonomous Surface Ships (MASS) collision avoidance systems  
? Venue: Journal of Marine Engineering and Technology  
? Year: 2024  
? Type: Journal  
? Subtype: Article  
? Citations: 15  
? Doi: 10.1080/20464177.2023.2298521  
? Scopus ID: 2-s2.0-85180840642  
? Issn: 20464177  
? eISSN: 20568487  
? Volume: 23  
? Issue: 3  
? Pages: 184-195  
? Authors: Longo G.; Martelli M.; Russo E.; Merlo A.; Zacccone R.  
? Keywords: Autonomous ship | collision avoidance | cyber security | data injection attack  
? Quartile:  
2025:  
? Ocean Engineering (Q1, rank 12, percentile 90)  
2024:  
? Ocean Engineering (Q1, rank 14, percentile 88)  
? Source Id: 21100470126  
? Author Ids: 57468566600;55521641400;57197855120;15136674200;56717793100  
? Authoraffiliationids: 60121711;60025153;60121711;130638655;60025153  
? Corresponding: Longo G.

12.

? Title: Power plant design for all-electric ships considering the assessment of carbon intensity indicator  
? Venue: Energy  
? Year: 2023  
? Type: Journal  
? Subtype: Article  
? Citations: 14  
? DOI: 10.1016/j.energy.2023.129091  
? Scopus ID: 2-s2.0-85172656860  
? Issn: 03605442  
? Volume: 283  
? Authors: Gallo Marco; Kaza Daniele; D'Agostino Fabio; Cavo Matteo; Zacccone Raphael; Silvestro Federico  
? Keywords: Battery energy storage system | Carbon intensity indicator | Hydrogen | Methanol | Ship  
? Quartile:  
2025:  
? Modeling and Simulation (Q1, rank 4, percentile 99)  
? Civil and Structural Engineering (Q1, rank 7, percentile 98)  
? Mechanical Engineering (Q1, rank 19, percentile 97)  
? Building and Construction (Q1, rank 7, percentile 97)  
? Management, Monitoring, Policy and Law (Q1, rank 13, percentile 96)  
? Electrical and Electronic Engineering (Q1, rank 34, percentile 96)  
? Energy Engineering and Power Technology (Q1, rank 16, percentile 95)  
? Pollution (Q1, rank 10, percentile 94)  
? Industrial and Manufacturing Engineering (Q1, rank 23, percentile 94)  
? Fuel Technology (Q1, rank 10, percentile 93)

? Energy (all) (Q1, rank 7, percentile 91)  
 ? Renewable Energy, Sustainability and the Environment (Q1, rank 32, percentile 89)  
 2023:  
 ? Modeling and Simulation (Q1, rank 6, percentile 98)  
 ? Civil and Structural Engineering (Q1, rank 8, percentile 98)  
 ? Building and Construction (Q1, rank 6, percentile 97)  
 ? Mechanical Engineering (Q1, rank 18, percentile 97)  
 ? Management, Monitoring, Policy and Law (Q1, rank 13, percentile 96)  
 ? Electrical and Electronic Engineering (Q1, rank 36, percentile 95)  
 ? Industrial and Manufacturing Engineering (Q1, rank 20, percentile 94)  
 ? Energy Engineering and Power Technology (Q1, rank 15, percentile 94)  
 ? Fuel Technology (Q1, rank 8, percentile 94)  
 ? Pollution (Q1, rank 14, percentile 91)  
 ? Renewable Energy, Sustainability and the Environment (Q1, rank 31, percentile 88)  
 ? Energy (all) (Q1, rank 10, percentile 86)  
 ? Source Id: 29348  
 ? Author Ids: 58202074000;57218924925;56553864200;57226549739;56717793100;23026343700  
 ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
 ? Corresponding: Gallo M.

13.

? Title: A COLREGs-Compliant Decision Support Tool to Prevent Collisions at Sea  
 ? Venue: Transnav  
 ? Year: 2023  
 ? Type: Journal  
 ? Subtype: Article  
 ? Citations: 9  
 ? Doi: 10.12716/1001.17.02.11  
 ? Scopus ID: 2-s2.0-85163694623  
 ? Issn: 20836473  
 ? eISSN: 20836481  
 ? Volume: 17  
 ? Issue: 2  
 ? Pages: 347-353  
 ? Authors: Martelli M.; ?u?kin S.; Zacccone R.; Rudan I.  
 ? Quartile:

2025:

? Ocean Engineering (Q3, rank 75, percentile 35)  
 ? Oceanography (Q3, rank 100, percentile 34)  
 ? Transportation (Q4, rank 121, percentile 23)

2023:

? Ocean Engineering (Q3, rank 72, percentile 31)  
 ? Oceanography (Q4, rank 115, percentile 21)  
 ? Transportation (Q4, rank 112, percentile 20)

? Source Id: 21100914186  
 ? Author Ids: 55521641400;55808104300;56717793100;7007138278  
 ? Authoraffiliationids: 60025153;60029546;60025153;60029546  
 ? Corresponding: Martelli M.

14.

? Title: Interaction between COLREG-compliant collision avoidance systems in a multiple MASS scenario  
 ? Venue: Journal of Physics Conference Series  
 ? Year: 2023  
 ? Type: Conference Proceeding  
 ? Subtype: Conference Paper



? Citations: 6  
? Doi: 10.1088/1742-6596/2618/1/012006  
? Scopus ID: 2-s2.0-85179626443  
? Issn: 17426588  
? eISSN: 17426596  
? Volume: 2618  
? Issue: 1  
? Authors: Zacccone R.; Martelli M.  
? Quartile:  
2025:  
? Physics and Astronomy (all) (Q4, rank 192, percentile 22)  
2023:  
? Physics and Astronomy (all) (Q3, rank 182, percentile 25)  
? Source Id: 130053  
? Author Ids: 56717793100;55521641400  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Zacccone R.

15.

? Title: A multi-sensor indoor tracking system for autonomous marine model-scale vehicles  
? Venue: Journal of Physics Conference Series  
? Year: 2023  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 3  
? Doi: 10.1088/1742-6596/2618/1/012008  
? Scopus ID: 2-s2.0-85179621934  
? Issn: 17426588  
? eISSN: 17426596  
? Volume: 2618  
? Issue: 1  
? Authors: Ponzini Filippo; Zacccone Raphael; Martelli Michele  
? Quartile:  
2025:  
? Physics and Astronomy (all) (Q4, rank 192, percentile 22)  
2023:  
? Physics and Astronomy (all) (Q3, rank 182, percentile 25)  
? Source Id: 130053  
? Author Ids: 58576469000;56717793100;55521641400  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Ponzini F.

16.

? Title: An Innovative variable layout steam plant for waste heat recovery from marine dual-fuel engines  
? Venue: Ships and Offshore Structures  
? Year: 2023  
? Type: Journal  
? Subtype: Article  
? Citations: 18  
? Doi: 10.1080/17445302.2022.2061769  
? Scopus ID: 2-s2.0-85132664135  
? Issn: 17445302  
? Volume: 18  
? Issue: 3

? Pages: 429-437  
? Authors: Altosole Marco; Campora Ugo; Mocerino Luigia; Zacccone Raphael  
? Keywords: dual-fuel engine | Energy efficiency | heavy fuel oil | natural gas | variable layout | waste heat recovery  
? Quartile:  
2025:  
? Ocean Engineering (Q2, rank 33, percentile 71)  
? Mechanical Engineering (Q2, rank 235, percentile 68)  
2023:  
? Mechanical Engineering (Q2, rank 208, percentile 69)  
? Ocean Engineering (Q2, rank 34, percentile 68)  
? Source Id: 19700186818  
? Author Ids: 13006187800;6508251998;57202288234;56717793100  
? Authoraffiliationids: 60017293;60025153;60017293;60025153  
? Corresponding: Altosole M.

17.

? Title: A Zero-Emission Ferry for Inland Waterways  
? Venue: Progress in Marine Science and Technology  
? Year: 2022  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 8  
? Doi: 10.3233/Pmst220021  
? Scopus ID: 2-s2.0-85138215919  
? Issn: 25430955  
? eISSN: 25430963  
? Volume: 6  
? Pages: 162-169  
? Authors: Maloberti Luca; Zacccone Raphael; Gualeni Paola; Mazzucchelli Paolo  
? Keywords: Electric ferry | Electric propulsion | Energy storage systems | Green ship | Sustainability | Zero-emission ship  
? 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: 57894265000;56717793100;15057843300;57893056300  
? Authoraffiliationids: 60025153;60025153;60025153;60082965  
? Corresponding: Maloberti L.

18.

? Title: BESS-Based Hybrid Propulsion: An Application to a Front Line Naval Vessel Preliminary Design  
? Venue: Progress in Marine Science and Technology  
? Year: 2022  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 5  
? Doi: 10.3233/Pmst220020  
? Scopus ID: 2-s2.0-85138207713

? Issn: 25430955  
? eISSN: 25430963  
? Volume: 6  
? Pages: 154-161  
? Authors: Belvisi Daniele; Zaccone Raphael; Figari Massimo; Simone Sergio; Spanghero Bruno  
? Keywords: Backup power source | Battery Energy Storage System | DDX | Hybrid propulsion plant | Naval ship  
? 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: 57893543900;56717793100;6507282370;25646857800;57892810600  
? Authoraffiliationids: 127259049;60025153;60025153;127259049-60025153;60025153  
? Corresponding: Belvisi D.

19.

? Title: Collision-avoidance capabilities reduction after a cyber-attack to the navigation sensors  
? Venue: Proceedings of the International Ship Control Systems Symposium  
? Year: 2022  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 3  
? Doi: 10.24868/10729  
? Scopus ID: 2-s2.0-85187450570  
? eISSN: 26318741  
? Authors: Longo Giacomo; Martelli Michele; Russo Enrico; Zaccone Raphael  
? Keywords: Autonomous Ship | Collision Avoidance | Cyber-attack | Cyber-range  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q4, rank 793, percentile 20)  
? Ocean Engineering (Q4, rank 93, percentile 20)  
? Control and Systems Engineering (Q4, rank 327, percentile 14)  
? Human-Computer Interaction (Q4, rank 174, percentile 9)  
? Source Id: 21101052918  
? Author Ids: 57468566600;55521641400;57197855120;56717793100  
? Authoraffiliationids: 60121711;60025153;60121711;60025153  
? Corresponding: Longo G.

20.

? Title: A simulation based tool to assess the propulsion performance of modern conventional submarines  
? Venue: 2022 International Symposium on Power Electronics Electrical Drives Automation and Motion Speedam 2022  
? Year: 2022  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Doi: 10.1109/Speedam53979.2022.9842197

? Scopus ID: 2-s2.0-85136216304  
? Pages: 628-633  
? Authors: Zaccone Raphael; Figari Massimo; Martelli Michele  
? Keywords: Air independent propulsion | Dynamical simulation | Hybrid propulsion | Naval ships | Submarines  
? Source Id: 21101101911  
? Author Ids: 56717793100;6507282370;55521641400  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Zaccone R.

21.

? Title: Optimisation of a diesel-electric ship propulsion and power generation system using a genetic algorithm  
? Venue: Journal of Marine Science and Engineering  
? Year: 2021  
? Type: Journal  
? Subtype: Article  
? Citations: 32  
? DOI: 10.3390/jmse9060587  
? Scopus ID: 2-s2.0-85107834293  
? eISSN: 20771312  
? Volume: 9  
? Issue: 6  
? Authors: Zaccone Raphael; Campora Ugo; Martelli Michele  
? Keywords: Electric propulsion | Energy efficiency | Genetic algorithm | Optimisation | Ship design | Ship propulsion  
? Quartile:  
2025:  
? Ocean Engineering (Q1, rank 29, percentile 75)  
? Civil and Structural Engineering (Q2, rank 110, percentile 73)  
? Water Science and Technology (Q2, rank 77, percentile 72)  
2021:  
? Ocean Engineering (Q2, rank 42, percentile 57)  
? Civil and Structural Engineering (Q2, rank 159, percentile 51)  
? Water Science and Technology (Q3, rank 121, percentile 49)  
? Source Id: 21100830140  
? Author Ids: 56717793100;6508251998;55521641400  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Zaccone R.

22.

? Title: COLREG-compliant optimal path planning for real-time guidance and control of autonomous ships  
? Venue: Journal of Marine Science and Engineering  
? Year: 2021  
? Type: Journal  
? Subtype: Article  
? Citations: 48  
? DOI: 10.3390/jmse9040405  
? Scopus ID: 2-s2.0-85104866181  
? eISSN: 20771312  
? Volume: 9  
? Issue: 4  
? Authors: Zaccone Raphael  
? Keywords: Autonomous navigation | Autonomous ship | Collision avoidance | COLREG compliance | Guidance and control | Path optimisation | Path planning | RRT\* | Ship

simulation

? Quartile:

2025:

? Ocean Engineering (Q1, rank 29, percentile 75)

? Civil and Structural Engineering (Q2, rank 110, percentile 73)

? Water Science and Technology (Q2, rank 77, percentile 72)

2021:

? Ocean Engineering (Q2, rank 42, percentile 57)

? Civil and Structural Engineering (Q2, rank 159, percentile 51)

? Water Science and Technology (Q3, rank 121, percentile 49)

? Source Id: 21100830140

? Author Ids: 56717793100

? Authoraffiliationids: 60025153

? Corresponding: Zacccone R.

23.

? Title: A collision avoidance algorithm for ship guidance applications

? Venue: Journal of Marine Engineering and Technology

? Year: 2020

? Type: Journal

? Subtype: Article

? Citations: 73

? Doi: 10.1080/20464177.2019.1685836

? Scopus ID: 2-s2.0-85075005148

? Issn: 20464177

? eISSN: 20568487

? Volume: 19

? Issue: sup1

? Pages: 62-75

? Authors: Zacccone Raphael; Martelli Michele

? Quartile:

2025:

? Ocean Engineering (Q1, rank 12, percentile 90)

2020:

? Ocean Engineering (Q2, rank 41, percentile 57)

? Source Id: 21100470126

? Author Ids: 56717793100;55521641400

? Authoraffiliationids: 60025153;60025153

? Corresponding: Zacccone R.

24.

? Title: Simulation of the Guidance and Control Systems for Underactuated Vessels

? Venue: Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics

? Year: 2020

? Type: Book Series

? Subtype: Conference Paper

? Citations: 16

? Doi: 10.1007/978-3-030-43890-6\_9

? Scopus ID: 2-s2.0-85083715563

? Issn: 03029743

? eISSN: 16113349

? Volume: 11995 LnCS

? Pages: 108-119

? Authors: Donnarumma Silvia; Figari Massimo; Martelli Michele; Zacccone Raphael

? Keywords: Autonomous vessels | Collision avoidance | Simulation | Track keeping

? Quartile:

2025:

? Theoretical Computer Science (Q3, rank 70, percentile 48)

? Computer Science (all) (Q3, rank 129, percentile 46)

2020:

? Computer Science (all) (Q2, rank 113, percentile 50)

? Theoretical Computer Science (Q4, rank 91, percentile 24)

? Source Id: 25674

? Author Ids: 55350308600;6507282370;55521641400;56717793100

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Donnarumma S.

25.

? Title: Sindbad: A new operational service for a safer leisure and boating navigation

? 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: 0

? Scopus ID: 2-s2.0-85081052990

? Pages: 140-144

? Authors: Ottaviani Ennio; Gjerci Nikolla; Novellino Antonio; D'Angelo Paolo; Alba Marco; Brotto Paolo; de Leo Francesco; Ferrari Francesco; Besio Giovanni; Mazzino Andrea; Figari Massimo; Zaccone Raphael; Corgnati Lorenzo; Mantovani Carlo; Berta Maristella; Magaldi Marcello

? Source Id: 21100987472

? Author Ids: 7102082014;57193198789;24824978500;55200977000;57215525705;24832695200;57195539800;57197319901;9844111300;7004593510;6507282370;56717793100;22233688900;56435978700;56037448800;8313492800

? Authoraffiliationids: 122263467;122263467;115044877;115044877;115044877;60335511;;;;;116607080;116607080;60021199;60021199;60021199;60021199

? Corresponding: Ottaviani E.

26.

? Title: Comparison of saturated and superheated steam plants for waste-heat recovery of dual-fuel marine engines

? Venue: Energies

? Year: 2020

? Type: Journal

? Subtype: Article

? Citations: 25

? DOI: 10.3390/en13040985

? Scopus ID: 2-s2.0-85080963784

? eISSN: 19961073

? Volume: 13

? Issue: 4

? Authors: Altosole Marco; Benvenuto Giovanni; Zaccone Raphael; Campora Ugo

? Keywords: Combined-cycle power plants | Emission reduction | Heat-recovery systems | Marine propulsion plants

? Quartile:

2025:

? Control and Optimization (Q1, rank 11, percentile 94)

? Engineering (miscellaneous) (Q1, rank 38, percentile 86)

? Electrical and Electronic Engineering (Q1, rank 155, percentile 84)

? Energy Engineering and Power Technology (Q1, rank 71, percentile 78)

? Fuel Technology (Q2, rank 40, percentile 70)  
? Renewable Energy, Sustainability and the Environment (Q2, rank 110, percentile 64)  
? Energy (miscellaneous) (Q2, rank 39, percentile 64)

2020:

? Control and Optimization (Q1, rank 17, percentile 85)  
? Engineering (miscellaneous) (Q1, rank 13, percentile 83)  
? Electrical and Electronic Engineering (Q2, rank 183, percentile 73)  
? Energy (miscellaneous) (Q2, rank 7, percentile 72)  
? Energy Engineering and Power Technology (Q2, rank 62, percentile 72)  
? Fuel Technology (Q2, rank 33, percentile 67)  
? Renewable Energy, Sustainability and the Environment (Q2, rank 69, percentile 64)

? Source Id: 62932

? Author Ids: 13006187800;57197362695;56717793100;6508251998

? Authoraffiliationids: 60017293;60025153;60025153;60025153

? Corresponding: Altosole M.

27.

? Title: Development of a navigation support system by means of a synthetic scenario  
? Venue: Sustainable Development and Innovations in Marine Technologies Proceedings of the 18th International Congress of the International Maritime Association of the Mediterranean Imam 2019

? Year: 2020

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 8

? Scopus ID: 2-s2.0-85079226039

? Pages: 481-487

? Authors: Martelli M.; Faggioni N.; Zaccone R.

? Source Id: 21100944631

? Author Ids: 55521641400;57205353851;56717793100

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Martelli M.

28.

? Title: Deterioration effects on the performance of a steam plant for the waste heat recovery from a marine diesel engine

? Venue: Ships and Offshore Structures

? Year: 2019

? Type: Journal

? Subtype: Article

? Citations: 6

? Doi: 10.1080/17445302.2019.1573871

? Scopus ID: 2-s2.0-85060961016

? Issn: 17445302

? Volume: 14

? Issue: 8

? Pages: 867-878

? Authors: Altosole Marco; Campora Ugo; Laviola Michele; Zaccone Raphael

? Keywords: deterioration | Ship propulsion engine | simulation | steam | waste heat recovery

? Quartile:

2025:

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

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

2019:

? Ocean Engineering (Q2, rank 26, percentile 71)

- ? Mechanical Engineering (Q2, rank 192, percentile 67)  
? Source Id: 19700186818  
? Author Ids: 13006187800;6508251998;56046632000;56717793100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Altosole M.
29.  
? Title: A colreg-compliant ship collision avoidance algorithm  
? Venue: 2019 18th European Control Conference Ecc 2019  
? Year: 2019  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 51  
? Doi: 10.23919/Ecc.2019.8796207  
? Scopus ID: 2-s2.0-85071527416  
? Pages: 2530-2535  
? Authors: Zaccone Raphael; Martelli Michele; Figari Massimo  
? Keywords: Autonomous Ship | Collision Avoidance | COLREGs | Path Planning | RRT | Ship Simulator  
? Source Id: 21100926603  
? Author Ids: 56717793100;55521641400;6507282370  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Zaccone R.
30.  
? Title: Simulation techniques for design and control of a waste heat recovery system in marine natural gas propulsion applications  
? Venue: Journal of Marine Science and Engineering  
? Year: 2019  
? Type: Journal  
? Subtype: Article  
? Citations: 22  
? DOI: 10.3390/jmse7110397  
? Scopus ID: 2-s2.0-85075642574  
? eISSN: 20771312  
? Volume: 7  
? Issue: 11  
? Authors: Altosole Marco; Campora Ugo; Donnarumma Silvia; Zaccone Raphael  
? Keywords: Control | Natural gas | Power grid dynamics | Ship energy efficiency | Steam turbine | Waste heat recovery  
? Quartile:  
2025:  
? Ocean Engineering (Q1, rank 29, percentile 75)  
? Civil and Structural Engineering (Q2, rank 110, percentile 73)  
? Water Science and Technology (Q2, rank 77, percentile 72)  
2019:  
? Ocean Engineering (Q2, rank 43, percentile 53)  
? Civil and Structural Engineering (Q3, rank 165, percentile 46)  
? Water Science and Technology (Q3, rank 117, percentile 46)  
? Source Id: 21100830140  
? Author Ids: 13006187800;6508251998;55350308600;56717793100  
? Authoraffiliationids: 60017293;60025153;60025153;60025153  
? Corresponding: Altosole M.
31.  
? Title: Marine gas turbine monitoring and diagnostics by simulation and pattern recognition



? Venue: International Journal of Naval Architecture and Ocean Engineering  
? Year: 2018  
? Type: Journal  
? Subtype: Article  
? Citations: 35  
? DOI: 10.1016/j.ijnaoe.2017.09.012  
? Scopus ID: 2-s2.0-85044978730  
? Issn: 20926782  
? eISSN: 20926790  
? Volume: 10  
? Issue: 5  
? Pages: 617-628  
? Authors: Campora Ugo; Cravero Carlo; Zaccone Raphael  
? Keywords: Artificial neural networks | Gas turbines | Monitoring and diagnostics | Ship propulsion | Ship simulation  
? Quartile:  
2025:  
? Ocean Engineering (Q1, rank 19, percentile 84)  
? Control and Systems Engineering (Q1, rank 80, percentile 79)  
2018:  
? Ocean Engineering (Q2, rank 28, percentile 70)  
? Control and Systems Engineering (Q2, rank 103, percentile 57)  
? Source Id: 21100197706  
? Author Ids: 6508251998;56024477100;56717793100  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Campora U.

32.

? Title: Ship voyage optimization for safe and energy-efficient navigation: A dynamic programming approach  
? Venue: Ocean Engineering  
? Year: 2018  
? Type: Journal  
? Subtype: Article  
? Citations: 168  
? DOI: 10.1016/j.oceaneng.2018.01.100  
? Scopus ID: 2-s2.0-85044324922  
? Issn: 00298018  
? Volume: 153  
? Pages: 215-224  
? Authors: Zaccone R.; Ottaviani E.; Figari M.; Altosole M.  
? Keywords: Dynamic programming | Ship motions | Ship propulsion | Ship voyage optimization | Weather routing  
? 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: 56717793100;7102082014;6507282370;13006187800  
? Authoraffiliationids: 60025153;122263467;60025153;60025153  
? Corresponding: Zaccone R.

33.

? Title: High efficiency waste heat recovery from dual fuel marine engines  
? Venue: Technology and Science for the Ships of the Future Proceedings of Nav 2018  
19th International Conference on Ship and Maritime Research  
? Year: 2018  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 5  
? Doi: 10.3233/978-1-61499-870-9-21  
? Scopus ID: 2-s2.0-85087641579  
? Pages: 21-28  
? Authors: Altosole Marco; Campora Ugo; Laviola Michele; Zaccone Raphael  
? Keywords: Dual fuel engine | Natural gas fuel | Ship power plant efficiency | Waste heat recovery  
? Source Id: 21101023871  
? Author Ids: 13006187800;6508251998;56046632000;56717793100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Altosole M.

34.

? Title: A random sampling based algorithm for ship path planning with obstacles  
? Venue: Proceedings of the International Ship Control Systems Symposium  
? Year: 2018  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 24  
? DOI: 10.24868/issn.2631-8741.2018.018  
? Scopus ID: 2-s2.0-85079251106  
? eISSN: 26318741  
? Volume: 1  
? Authors: Zaccone R.; Martelli M.  
? Keywords: Collision Avoidance | Path Planning | RRT\* | Ship Simulator  
? Quartile:  
2025:  
? Electrical and Electronic Engineering (Q4, rank 793, percentile 20)  
? Ocean Engineering (Q4, rank 93, percentile 20)  
? Control and Systems Engineering (Q4, rank 327, percentile 14)  
? Human-Computer Interaction (Q4, rank 174, percentile 9)  
? Source Id: 21101052918  
? Author Ids: 56717793100;55521641400  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Zaccone R.

35.

? Title: An optimization tool for ship route planning in real weather scenarios  
? Venue: Proceedings of the International Offshore and Polar Engineering Conference  
? Year: 2018  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 16  
? Scopus ID: 2-s2.0-85053479460  
? Issn: 10986189  
? eISSN: 15551792  
? Volume: 2018-June  
? Pages: 738-744  
? Authors: Zaccone Raphael; Figari Massimo; Martelli Michele  
? Keywords: Dynamic programming | Ship propulsion | Ship simulation | Voyage

optimization | Weather routing

? 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)

2018:

? Ocean Engineering (Q3, rank 64, percentile 31)

? Energy Engineering and Power Technology (Q3, rank 146, percentile 28)

? Mechanical Engineering (Q4, rank 442, percentile 24)

? Source Id: 77392

? Author Ids: 56717793100;6507282370;55521641400

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Zacccone R.

36.

? Title: Simulation and performance comparison between diesel and natural gas engines for marine applications

? Venue: Proceedings of the Institution of Mechanical Engineers Part M Journal of Engineering for the Maritime Environment

? Year: 2017

? Type: Journal

? Subtype: Article

? Citations: 56

? Doi: 10.1177/1475090217690964

? Scopus ID: 2-s2.0-85019244984

? Issn: 14750902

? eISSN: 20413084

? Volume: 231

? Issue: 2

? Pages: 690-704

? Authors: Altosole Marco; Benvenuto Giovanni; Campora Ugo; Laviola Michele; Zacccone Raphael

? Keywords: diesel oil | efficiency | Marine engines | natural gas | pollutant emissions | simulation

? Quartile:

2025:

? Ocean Engineering (Q2, rank 37, percentile 68)

? Mechanical Engineering (Q2, rank 249, percentile 66)

2017:

? Mechanical Engineering (Q2, rank 157, percentile 72)

? Ocean Engineering (Q2, rank 27, percentile 71)

? Source Id: 25596

? Author Ids: 13006187800;57197362695;6508251998;56046632000;56717793100

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

? Corresponding: Altosole M.

37.

? Title: Energy efficient ship voyage planning by 3D dynamic programming

? Venue: Journal of Ocean Technology

? Year: 2017

? Type: Journal

? Subtype: Article

? Citations: 26

? Scopus ID: 2-s2.0-85044463408

? Issn: 17183200

? Volume: 12  
? Issue: 4  
? Pages: 49-71  
? Authors: Zaccone Raphael; Figari Massimo  
? Keywords: Dynamic programming | Ship propulsion | Ship simulation | Voyage optimization | Weather routing  
? Quartile:  
2025:  
? Ocean Engineering (Q4, rank 98, percentile 15)  
2017:  
? Ocean Engineering (Q3, rank 65, percentile 30)  
? Source Id: 19700173242  
? Author Ids: 56717793100;6507282370  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Zaccone R.

38.

? Title: Waste heat recovery from dual-fuel marine engines  
? Venue: Maritime Transportation and Harvesting of Sea Resources  
? Year: 2016  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 4  
? Scopus ID: 2-s2.0-85056796502  
? Volume: 1  
? Pages: 79-86  
? Authors: Altosole M.; Laviola M.; Zaccone R.; Campora U.  
? Source Id: 21100886381  
? Author Ids: 13006187800;56046632000;56717793100;6508251998  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Altosole M.

39.

? Title: Comparison of a natural gas engine with a diesel engine for marine propulsion  
? Venue: Proceedings of 3rd International Conference on Maritime Technology and Engineering Martech 2016  
? Year: 2016  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 6  
? DOI: 10.1201/b21890-94  
? Scopus ID: 2-s2.0-85016993966  
? Volume: 2  
? Pages: 725-734  
? Authors: Benvenuto G.; Laviola M.; Zaccone R.; Campora U.  
? Source Id: 21100804421  
? Author Ids: 57197362695;56046632000;56717793100;6508251998  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Benvenuto G.

40.

? Title: An overall comparison between natural gas spark ignition and compression ignition engines for a ro-pax propulsion plant  
? Venue: Proceedings of 3rd International Conference on Maritime Technology and Engineering Martech 2016  
? Year: 2016  
? Type: Conference Proceeding

? Subtype: Conference Paper  
? Citations: 2  
? DOI: 10.1201/b21890-95  
? Scopus ID: 2-s2.0-85016971136  
? Volume: 2  
? Pages: 735-744  
? Authors: Campora U.; Laviola M.; Zacccone R.  
? Source Id: 21100804421  
? Author Ids: 6508251998;56046632000;56717793100  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Campora U.

41.

? Title: Fuel saving-oriented 3D dynamic programming for weather routing applications  
? Venue: Proceedings of 3rd International Conference on Maritime Technology and Engineering Martech 2016  
? Year: 2016  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 9  
? DOI: 10.1201/b21890-26  
? Scopus ID: 2-s2.0-85016832399  
? Volume: 1  
? Pages: 183-192  
? Authors: Zacccone R.; Figari M.; Altosole M.; Ottaviani E.  
? Source Id: 21100804421  
? Author Ids: 56717793100;6507282370;13006187800;7102082014  
? Authoraffiliationids: 60025153;60025153;60025153;122263467  
? Corresponding: Zacccone R.

42.

? Title: Metamodels of a gas turbine powered marine propulsion system for simulation and diagnostic purposes  
? Venue: Journal of Naval Architecture and Marine Engineering  
? Year: 2015  
? Type: Journal  
? Subtype: Article  
? Citations: 10  
? DOI: 10.3329/jname.v12i1.19719  
? Scopus ID: 2-s2.0-84936857722  
? Issn: 18138535  
? eISSN: 20708998  
? Volume: 12  
? Issue: 1  
? Pages: 1-14  
? Authors: Campora U.; Capelli M.; Cravero C.; Zacccone R.  
? Keywords: Artificial neural networks | Diagnostics | Monitoring | Ship propulsion | Simulation  
? Quartile:  
2025:  
? Ocean Engineering (Q3, rank 83, percentile 28)  
2015:  
? Ocean Engineering (Q3, rank 58, percentile 35)  
? Source Id: 21100244649  
? Author Ids: 6508251998;56717382800;56024477100;56717793100  
? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Campora U.

43.

? Title: Diesel engine and propulsion diagnostics of a mini-cruise ship by using artificial neural networks

? Venue: Towards Green Marine Technology and Transport

? Year: 2015

? Type: Book

? Subtype: Book Chapter

? Citations: 3

? DOI: 10.1201/b18855

? Scopus ID: 2-s2.0-85054345750

? Pages: 593-602

? Authors: Zacccone R.; Altosole M.; Figari M.; Campora U.

? Source Id: 21100879745

? Author Ids: 56717793100;13006187800;6507282370;6508251998

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Zacccone R.

44.

? Title: Comparison of waste heat recovery systems for the refitting of a cruise ferry

? Venue: 18th International Conference on Ships and Shipping Research Nav 2015

? Year: 2015

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 5

? Scopus ID: 2-s2.0-85012905301

? Pages: 404-415

? Authors: Benvenuto Giovanni; Campora Ugo; Laviola Michele; Zacccone Raphael

? Source Id: 21100795196

? Author Ids: 57197362695;6508251998;56046632000;56717793100

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Benvenuto G.

45.

? Title: Diesel engine and propulsion diagnostics of a mini-cruise ship by using artificial neural networks

? 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: 9

? DOI: 10.1201/b18855-78

? Scopus ID: 2-s2.0-84959545496

? Pages: 593-602

? Authors: Zacccone R.; Altosole M.; Figari M.; Campora U.

? Source Id: 21100448534

? Author Ids: 56717793100;13006187800;6507282370;6508251998

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Zacccone R.