

## FIGARI MASSIMO

### 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: 6507282370  
? Unige Id: 054434  
? Retrieved at: 2025-11-14T15:13:55.472490

### Contact

? Email: massimo.figari@unige.it  
? Phone: +39 335 8149240  
? Website: <http://www.navale.unige.it/it/chi-siamo/professori-ii-fascia/185-figari-massimo>  
? Page: <https://rubrica.unige.it/personale/VUZDX1It>  
? Locations: Villa Cambiaso - padiglioni (ED161450103), 1° piano, US161450103.I.038

### Career

? Pa, 2012-05-01 ? 2020-10-31  
? Po, 2020-11-01 ? 2222-02-02

### Teaching

#### 2025

? Progetto Della Nave Militare (60191), Lm-34 - Ingegneria Navale  
? Progetto Della Nave Militare (60191), Lm-34 - Ingegneria Navale  
? Affidabilit  E Sicurezza Degli Impianti Navali (66113), Lm-34 - Ingegneria Navale  
? Final Exam (101137), L-28 - Maritime Science And Technology  
? Maritime Cluster (111075), L-28 - Maritime Science And Technology  
? Training On Board (101136), L-28 - Maritime Science And Technology  
? Ship Plants And System Safety (101134), L-28 - Maritime Science And Technology  
? English (101130), L-28 - Maritime Science And Technology

#### 2024

? Eu Transport Infrastructures, Multimodality, Interconnection, Sustainability And Technology Jean Monnet Module (Eutimist) (110548), Lm-77 - Economia E Management Marittimo E Portuale  
? Progetto Della Nave Militare (60191), Lm-34 - Ingegneria Navale  
? Affidabilit  E Sicurezza Degli Impianti Navali (66113), Lm-34 - Ingegneria Navale  
? Ship Propulsion (101129), L-28 - Maritime Science And Technology  
? Final Exam (101137), L-28 - Maritime Science And Technology  
? Training On Board (101136), L-28 - Maritime Science And Technology

#### 2023

? Eu Transport Infrastructures, Multimodality, Interconnection, Sustainability And Technology Jean Monnet Module (Eutimist) (110548), Lm-77 - Economia E Management Marittimo E Portuale  
? Affidabilit  E Sicurezza Degli Impianti Navali (66113), Lm-34 - Ingegneria Navale  
? Final Exam (101137), L-28 - Maritime Science And Technology  
? Ship Propulsion (101129), L-28 - Maritime Science And Technology  
? Training On Board (101136), L-28 - Maritime Science And Technology

#### 2022

? Infrastrutture Di Trasporto Europee, Multimodalit  , Interconnessione, Sostenibilit  E

Tecnologia Modulo Jean Monnet (Eutimist) (110548), Lm-77 - Economia E Management Marittimo E Portuale

? Affidabilita E Sicurezza Degli Impianti Navali (66113), Lm-34 - Ingegneria Navale

? Ship Plants And System Safety (101134), L-28 - Maritime Science And Technology

2021

? Affidabilita E Sicurezza Degli Impianti Navali (66113), Lm-34 - Ingegneria Navale

? Ship Propulsion (101129), L-28 - Maritime Science And Technology

? Ship Plants And System Safety (101134), L-28 - Maritime Science And Technology

2020

? Affidabilita E Sicurezza Degli Impianti Navali (66113), Lm-34 - Ingegneria Navale

? Ship Plants And System Safety (101134), L-28 - Maritime Science And Technology

? Ship Propulsion (101129), L-28 - Maritime Science And Technology

Scopus Metrics

? absolute; Docs: 89; Journals: 31; Conferences: 52; Citations: 1515; H-index: 22

? 15 years (2010-2025); Docs: 73; Journals: 27; Conferences: 41; Citations: 1269; H-index: 21

? 10 years (2015-2025); Docs: 47; Journals: 20; Conferences: 24; Citations: 857; H-index: 16

? 05 years (2020-2025); Docs: 23; Journals: 12; Conferences: 9; Citations: 177; H-index: 9

Scopus Products

1.

? Title: Battery Energy Storage Systems for Emission Reduction: A Roadmap for Strategic Loading of Naval Ships

? Venue: Progress in Marine Science and Technology

? Year: 2025

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 0

? Doi: 10.3233/Pmst250057

? Scopus ID: 2-s2.0-105016130982

? Issn: 25430955

? eISSN: 25430963

? Volume: 10

? Pages: 476-485

? Authors: Belvisi Daniele; Figari Massimo

? Keywords: Battery Energy Storage System | Fuel Efficiency | Optimisation | Strategic Loading | Sustainability

? 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: 57893543900;6507282370

? Authoraffiliationids: 60025153;60025153

? Corresponding: Belvisi D.

2.

? Title: Analysis and Definition of Certification Requirements for Maritime Autonomous Surface Ship Operation

? Venue: Journal of Marine Science and Engineering

? Year: 2025  
? Type: Journal  
? Subtype: Article  
? Citations: 1  
? DOI: 10.3390/jmse13040751  
? Scopus ID: 2-s2.0-105003682801  
? eISSN: 20771312  
? Volume: 13  
? Issue: 4  
? Authors: Corsi Pietro; Jakovlev Sergej; Figari Massimo; Djackov Vasilij  
? Keywords: autonomous ship | IMO MASS Code | marine certification | MASS | safety  
? 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)  
? Source Id: 21100830140  
? Author Ids: 59474409300;37028581100;6507282370;57194039095  
? Authoraffiliationids: 60041509-100596260;60041509-60018768;60025153;60041509  
? Corresponding: Corsi P.

3.  
? Title: Maritime Education and Training: A Simulation-Based Approach for Enhancing Ship Electric Load Management Competency Through Emergency Scenario Familiarization  
? Venue: Transnav  
? Year: 2025  
? Type: Journal  
? Subtype: Article  
? Citations: 0  
? Doi: 10.12716/1001.19.01.02  
? Scopus ID: 2-s2.0-105010321927  
? Issn: 20836473  
? eISSN: 20836481  
? Volume: 19  
? Issue: 1  
? Pages: 11-20  
? Authors: Karimpour R.; Figari M.  
? Keywords: Competency Assessment | Decision-Making in Emergencies | Engine Room Simulator | Generator Synchronization | Maritime Education and Training (MET) | Simulation Based Training | Situational Awareness at Sea | STCW Compliance  
? Quartile:  
2025:  
? Ocean Engineering (Q3, rank 75, percentile 35)  
? Oceanography (Q3, rank 100, percentile 34)  
? Transportation (Q4, rank 121, percentile 23)  
? Source Id: 21100914186  
? Author Ids: 57202491189;6507282370  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Karimpour R.

4.  
? Title: Multi-Parametric Methodology for the Feasibility Assessment of Alternative-Fuelled Ships  
? Venue: Journal of Marine Science and Engineering  
? Year: 2024  
? Type: Journal

? Subtype: Article  
? Citations: 13  
? DOI: 10.3390/jmse12060905  
? Scopus ID: 2-s2.0-85197275410  
? eISSN: 20771312  
? Volume: 12  
? Issue: 6  
? Authors: Adami Giorgia; Figari Massimo  
? Keywords: alternative fuel | carbon footprint | Eco-Delivery | methanol | methodology  
| ship design  
? 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)  
2024:  
? Ocean Engineering (Q2, rank 30, percentile 74)  
? Civil and Structural Engineering (Q2, rank 116, percentile 71)  
? Water Science and Technology (Q2, rank 87, percentile 68)  
? Source Id: 21100830140  
? Author Ids: 59091049700;6507282370  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Adami G.

5.  
? Title: Ship maneuverability modeling for Autonomous Navigation  
? Venue: 2024 IEEE Workshop on Complexity in Engineering Compeng 2024  
? Year: 2024  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 3  
? Doi: 10.1109/Compeng60905.2024.10741395  
? Scopus ID: 2-s2.0-85212236372  
? Authors: Corsi Pietro; Jakovlev Sergej; Figari Massimo  
? Keywords: Autonomous Navigation | MASS | naval ships | Ship maneuverability modeling  
| USV  
? Source Id: 21101264268  
? Author Ids: 59474409300;37028581100;6507282370  
? Authoraffiliationids: 60041509;60041509;60025153  
? Corresponding: Corsi P.

6.  
? 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.

7.

? 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.

8.

? Title: Wind-Assisted Ship Propulsion: Matching Flettner Rotors with Diesel Engines and Controllable Pitch Propellers

? Venue: Journal of Marine Science and Engineering

? Year: 2023

? Type: Journal

? Subtype: Article

? Citations: 17

? DOI: 10.3390/jmse11051072

? Scopus ID: 2-s2.0-85160815588

? eISSN: 20771312

? Volume: 11

? Issue: 5

? Authors: Vigna Veronica; Figari Massimo

? Keywords: energy efficiency | Flettner rotor | fuel consumption | wind-assisted 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)

2023:

? Civil and Structural Engineering (Q2, rank 126, percentile 66)

? Ocean Engineering (Q2, rank 36, percentile 66)

? Water Science and Technology (Q2, rank 100, percentile 61)

? Source Id: 21100830140  
? Author Ids: 57214819626;6507282370  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Vigna V.

9.

? Title: Wind Assisted Ship Propulsion: A Code For Flettner Rotor Feasibility Studies  
? Venue: Iet Conference Proceedings  
? Year: 2023  
? Type: Journal  
? Subtype: Conference Paper  
? Citations: 0  
? DOI: 10.1049/icp.2023.1547  
? Scopus ID: 2-s2.0-85181531760  
? eISSN: 27324494  
? Volume: 2023  
? Issue: 7  
? Pages: 1-6  
? Authors: Figari Massimo; Vigna Veronica  
? Keywords: Controllable Pitch Propeller | Cpp | Energy Efficiency | Flettner Rotor | Wind-Assisted Ship Propulsion  
? Quartile:  
2025:  
? Engineering (all) (Q4, rank 329, percentile 5)  
2023:  
? Engineering (all) (Q4, rank 286, percentile 7)  
? Source Id: 21101162960  
? Author Ids: 6507282370;57214819626  
? Authoraffiliationids: 60025153;60083109  
? Corresponding: Figari M.

10.

? Title: Wind-Assisted Ship Propulsion of a Series 60 Ship Using a Static Kite Sail  
? Venue: Journal of Marine Science and Engineering  
? Year: 2023  
? Type: Journal  
? Subtype: Article  
? Citations: 14  
? DOI: 10.3390/jmse11010117  
? Scopus ID: 2-s2.0-85146774133  
? eISSN: 20771312  
? Volume: 11  
? Issue: 1  
? Authors: Formosa Wayne; Sant Tonio; De Marco Muscat-Fenech Claire; Figari Massimo  
? Keywords: catenary tether | leading edge inflatable kite | Series 60 ship | static kite sail | wind shear | wind-assisted 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)  
2023:  
? Civil and Structural Engineering (Q2, rank 126, percentile 66)  
? Ocean Engineering (Q2, rank 36, percentile 66)  
? Water Science and Technology (Q2, rank 100, percentile 61)  
? Source Id: 21100830140

? Author Ids: 57980149800;9241517500;55940054200;6507282370

? Authoraffiliationids: 60072651;60072651;60072651;60025153

? Corresponding: Formosa W.

11.

? Title: Z-Drive Escort Tug manoeuvrability model and simulation, Part II: A full-scale validation

? Venue: Ocean Engineering

? Year: 2022

? Type: Journal

? Subtype: Article

? Citations: 12

? DOI: 10.1016/j.oceaneng.2022.111881

? Scopus ID: 2-s2.0-85133540544

? Issn: 00298018

? Volume: 259

? Authors: Piaggio Benedetto; Viviani Michele; Martelli Michele; Figari Massimo

? Keywords: Azimuthal Stern Drive | Dynamic simulation | Escort towing | Manoeuvring | Tugs | Z-Drive

? 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: 57204360929;58090077400;55521641400;6507282370

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Piaggio B.

12.

? 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; Zacccone 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.

13.

? Title: Wind-Assisted Ship Propulsion Feasibility Study  
? Venue: Progress in Marine Science and Technology  
? Year: 2022  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 3  
? Doi: 10.3233/Pmst220003  
? Scopus ID: 2-s2.0-85138152494  
? Issn: 25430955  
? eISSN: 25430963  
? Volume: 6  
? Pages: 9-17  
? Authors: Vigna Veronica; Figari Massimo  
? Keywords: Energy efficiency | Flettner Rotor | Fuel Consumption | Wind-Assisted Ship Propulsion (WASP)  
? 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: 57214819626;6507282370  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Vigna V.

14.

? Title: A design framework for combined marine propulsion control systems: From conceptualisation to sea trials validation  
? Venue: Ocean Engineering  
? Year: 2022  
? Type: Journal  
? Subtype: Article  
? Citations: 7  
? DOI: 10.1016/j.oceaneng.2022.111282  
? Scopus ID: 2-s2.0-85128997540  
? Issn: 00298018  
? Volume: 254  
? Authors: Martelli M.; Figari M.  
? Keywords: Combined propulsion plant | Energy efficiency | Naval vessel | Ship dynamics | Ship propulsion | Simulation  
? 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: 55521641400;6507282370
- ? Authoraffiliationids: 60025153;60025153
- ? Corresponding: Martelli M.

15.

- ? Title: Parametric investigation and optimal selection of the hybrid turbocharger system for a large marine four-stroke dual-fuel engine
- ? Venue: Applied Thermal Engineering
- ? Year: 2022
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 23
- ? DOI: 10.1016/j.applthermaleng.2021.117991
- ? Scopus ID: 2-s2.0-85124898050
- ? Issn: 13594311
- ? Volume: 208
- ? Authors: Figari Massimo; Theotokatos Gerasimos; Coraddu Andrea; Stoumpos Sokratis; Mondella Teresa
- ? Keywords: Actual operating profile | Hybrid turbocharger | Impact quantification | Marine Dual fuel engine | Optimal size selection | Simulation
- ? Quartile:

2025:

- ? Mechanical Engineering (Q1, rank 56, percentile 92)
- ? Fluid Flow and Transfer Processes (Q1, rank 8, percentile 92)
- ? Industrial and Manufacturing Engineering (Q1, rank 46, percentile 88)
- ? Energy Engineering and Power Technology (Q1, rank 47, percentile 85)

2022:

- ? Fluid Flow and Transfer Processes (Q1, rank 2, percentile 98)
- ? Mechanical Engineering (Q1, rank 24, percentile 96)
- ? Industrial and Manufacturing Engineering (Q1, rank 25, percentile 93)
- ? Energy Engineering and Power Technology (Q1, rank 22, percentile 91)
- ? Source Id: 13688
- ? Author Ids: 6507282370;6507612120;55193514900;57208957951;57458296100
- ? Authoraffiliationids: 60025153;60024724;60118247;60024724;60025153
- ? Corresponding: Figari M.

16.

- ? 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: Zacccone 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: Zacccone R.

17.

? Title: Z-drive escort tug manoeuvrability modelling: From model-scale to full-scale validation

? Venue: Developments in Maritime Technology and Engineering Proceedings of the 5th International Conference on Maritime Technology and Engineering Martech 2020

? Year: 2021

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 1

? Doi: 10.1201/9781003216599-23

? Scopus ID: 2-s2.0-85145495960

? Volume: 2

? Pages: 207-216

? Authors: Piaggio B.; Viviani M.; Martelli M.; Figari M.

? Source Id: 21101129854

? Author Ids: 57204360929;58090077400;55521641400;6507282370

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Piaggio B.

18.

? Title: The use of computational fluid dynamic technique in ship control design

? Venue: Ships and Offshore Structures

? Year: 2021

? Type: Journal

? Subtype: Article

? Citations: 15

? Doi: 10.1080/17445302.2019.1706908

? Scopus ID: 2-s2.0-85077165478

? Issn: 17445302

? Volume: 16

? Issue: 1

? Pages: 31-45

? Authors: Martelli M.; Villa D.; Viviani M.; Donnarumma S.; Figari M.

? Keywords: CFD | control design | marine propulsion plant | Ship dynamics | simulation techniques | slow-speed manoeuvrability

? 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: 55521641400;56250522200;58090077400;55350308600;6507282370

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

? Corresponding: Martelli M.

19.

? Title: Numerical analysis of escort tug manoeuvrability characteristics ? Part II: The skeg effect

? Venue: Applied Ocean Research

? Year: 2020

? Type: Journal

? Subtype: Article  
? Citations: 20  
? DOI: 10.1016/j.apor.2020.102199  
? Scopus ID: 2-s2.0-85084856179  
? Issn: 01411187  
? Volume: 100  
? Authors: Piaggio Benedetto; Villa Diego; Viviani Michele; Figari Massimo  
? Keywords: Captive model tests | Escort tug | Manoeuvrability | Reynolds average navier-Stokes (RANS) | Skeg  
? Quartile:  
2025:  
? Ocean Engineering (Q1, rank 15, percentile 87)  
2020:  
? Ocean Engineering (Q1, rank 16, percentile 83)  
? Source Id: 26776  
? Author Ids: 57204360929;56250522200;58090077400;6507282370  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Piaggio B.

20.

? Title: An all-round design-to-simulation approach of a new Z-drive escort tug class  
? Venue: Journal of Offshore Mechanics and Arctic Engineering  
? Year: 2020  
? Type: Journal  
? Subtype: Article  
? Citations: 13  
? Doi: 10.1115/1.4045440  
? Scopus ID: 2-s2.0-85079632224  
? Issn: 08927219  
? eISSN: 1528896X  
? Volume: 142  
? Issue: 3  
? Authors: Figari Massimo; Martinelli Luca; Piaggio Benedetto; Enoizi Lucia; Viviani Michele; Villa Diego  
? Quartile:  
2025:  
? Ocean Engineering (Q2, rank 42, percentile 64)  
? Mechanical Engineering (Q2, rank 286, percentile 61)  
2020:  
? Ocean Engineering (Q2, rank 36, percentile 63)  
? Mechanical Engineering (Q2, rank 235, percentile 60)  
? Source Id: 20985  
? Author Ids: 6507282370;57203641272;57204360929;57204365897;58090077400;56250522200  
? Authoraffiliationids: 60025153;110039644;60025153;110039644;60025153;60025153  
? Corresponding: Figari M.

21.

? 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; Zaccone 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.

22.  
? 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.

23.  
? Title: A ship energy efficiency analysis by considering trim influence and waste recycling  
? 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: 4  
? Scopus ID: 2-s2.0-85079234078  
? Pages: 316-321  
? Authors: Vigna V.; Altosole M.; Figari M.; Ferrari A.  
? Source Id: 21100944631  
? Author Ids: 57214819626;13006187800;6507282370;57199836867  
? Authoraffiliationids: 60025153;60025153;60025153;60025153

- ? Corresponding: Vigna V.
- 24.
- ? Title: Z-Drive Escort Tug manoeuvrability model and simulation
- ? Venue: Ocean Engineering
- ? Year: 2019
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 32
- ? DOI: 10.1016/j.oceaneng.2019.106461
- ? Scopus ID: 2-s2.0-85073011172
- ? Issn: 00298018
- ? Volume: 191
- ? Authors: Piaggio Benedetto; Viviani Michele; Martelli Michele; Figari Massimo
- ? Keywords: Azimuthal Stern Drive | Dynamic simulation | Escort towing | Manoeuvring Model | Tugs | z-Drive
- ? 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: 57204360929;58090077400;55521641400;6507282370
- ? Authoraffiliationids: 60025153;60025153;60025153;60025153
- ? Corresponding: Piaggio B.
- 25.
- ? Title: Experimental assessment of the fouling control coating effect on the fuel consumption rate
- ? Venue: Ocean Engineering
- ? Year: 2019
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 12
- ? DOI: 10.1016/j.oceaneng.2019.106233
- ? Scopus ID: 2-s2.0-85069898764
- ? Issn: 00298018
- ? Volume: 188
- ? Authors: Notti Emilio; Figari Massimo; Sala Antonello; Martelli Michele
- ? Keywords: Energy efficiency | Fisheries | Foul-release coating | Fuel saving | Marine propulsion plant
- ? 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: 56045283900;6507282370;7101706705;55521641400
- ? Authoraffiliationids: 60021199;60025153;60021199-60103695;60025153
- ? Corresponding: Notti E.
- 26.
- ? 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.

27.

? Title: A diesel engine modelling approach for ship propulsion real-time simulators  
? Venue: Journal of Marine Science and Engineering  
? Year: 2019  
? Type: Journal  
? Subtype: Article  
? Citations: 37  
? DOI: 10.3390/jmse7050138  
? Scopus ID: 2-s2.0-85066424140  
? eISSN: 20771312  
? Volume: 7  
? Issue: 5  
? Authors: Altosole Marco; Campora Ugo; Figari Massimo; Laviola Michele; Martelli Michele  
? Keywords: Computation time | Cylinder dynamics | Diesel engine | Real-time simulation | 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)  
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;6507282370;56046632000;55521641400  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Altosole M.

28.

? Title: Design and Validation of Dynamic Positioning for Marine Systems: A Case Study  
? Venue: IEEE Journal of Oceanic Engineering  
? Year: 2018  
? Type: Journal  
? Subtype: Article  
? Citations: 40  
? Doi: 10.1109/Joe.2017.2732298  
? Scopus ID: 2-s2.0-85031816570  
? Issn: 03649059

? Volume: 43  
? Issue: 3  
? Pages: 677-688  
? Authors: Donnarumma Silvia; Figari Massimo; Martelli Michele; Vignolo Stefano; Viviani Michele  
? Keywords: Dynamic positioning | environmental disturbances | propulsion modeling | simulation-based design  
? Quartile:  
2025:  
? Ocean Engineering (Q1, rank 11, percentile 90)  
? Mechanical Engineering (Q1, rank 88, percentile 88)  
? Electrical and Electronic Engineering (Q1, rank 135, percentile 86)  
2018:  
? Ocean Engineering (Q1, rank 5, percentile 95)  
? Mechanical Engineering (Q1, rank 76, percentile 87)  
? Electrical and Electronic Engineering (Q1, rank 117, percentile 82)  
? Source Id: 17277  
? Author Ids: 55350308600;6507282370;55521641400;6602505719;58090077400  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Donnarumma S.

29.

? 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: Zacccone 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: Zacccone R.

30.

? Title: Energy efficient propulsion system for dynamic positioning application: Design and assessment  
? Venue: Proceedings of the International Ship Control Systems Symposium  
? Year: 2018  
? Type: Conference Proceeding  
? Subtype: Conference Paper

? Citations: 0  
? DOI: 10.24868/issn.2631-8741.2018.012  
? Scopus ID: 2-s2.0-85110624560  
? eISSN: 26318741  
? Volume: 1  
? Authors: Coraddu Dr Andrea; Donnarumma Silvia; Chu Mr Ken; Figari Massimo  
? Keywords: Dynamic positioning | Failure analysis | Thrust allocation logic  
? 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: 55193514900;55350308600;57226167612;6507282370  
? Authoraffiliationids: 60024724;60025153;60024724;60025153  
? Corresponding: Coraddu D.A.

31.

? Title: A new escort tug family designed to anticipate new safety requirements and operational needs  
? 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: 3  
? Doi: 10.3233/978-1-61499-870-9-986  
? Scopus ID: 2-s2.0-85087607228  
? Pages: 986-993  
? Authors: Figari Massimo; Martinelli Luca; Martelli Michele; Enoizi Lucia; Piaggio Benedetto  
? Keywords: Escort tug | Maneuvrability | Simulation | Tug  
? Source Id: 21101023871  
? Author Ids: 6507282370;57203641272;55521641400;57204365897;57204360929  
? Authoraffiliationids: 60025153;110039644;60025153;110039644;60025153  
? Corresponding: Figari M.

32.

? Title: All around approach for the design of a new escort tug family  
? Venue: Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering OMAE  
? Year: 2018  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 5  
? Doi: 10.1115/Omae2018-77914  
? Scopus ID: 2-s2.0-85055339380  
? Volume: 11B  
? Authors: Figari Massimo; Martinelli Luca; Viviani Michele; Villa Diego; Enoizi Lucia; Piaggio Benedetto  
? Source Id: 91440  
? Author Ids: 6507282370;57203641272;58090077400;56250522200;57204365897;57204360929  
? Authoraffiliationids: 60025153;110039644;60025153;60025153;110039644;60025153  
? Corresponding: Figari M.

33.



? 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: Zaccone R.

34.

? 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.

35.

? Title: Real-Time model-based design for CODLAG propulsion control strategies  
? Venue: Ocean Engineering

? Year: 2017  
? Type: Journal  
? Subtype: Article  
? Citations: 34  
? DOI: 10.1016/j.oceaneng.2017.06.029  
? Scopus ID: 2-s2.0-85020982629  
? Issn: 00298018  
? Volume: 141  
? Pages: 265-276  
? Authors: Martelli M.; Figari M.  
? Keywords: CODLAG | Control system | Hardware in the loop | Marine propulsion plant | Model-based design | Ship simulation  
? Quartile:  
2025:  
? Ocean Engineering (Q1, rank 6, percentile 95)  
? Environmental Engineering (Q1, rank 38, percentile 83)  
2017:  
? Ocean Engineering (Q1, rank 15, percentile 84)  
? Environmental Engineering (Q2, rank 31, percentile 73)  
? Source Id: 28339  
? Author Ids: 55521641400;6507282370  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Martelli M.

36.

? Title: Machine learning approaches for improving condition-based maintenance of naval propulsion plants  
? Venue: Proceedings of the Institution of Mechanical Engineers Part M Journal of Engineering for the Maritime Environment  
? Year: 2016  
? Type: Journal  
? Subtype: Article  
? Citations: 134  
? Doi: 10.1177/1475090214540874  
? Scopus ID: 2-s2.0-84953876479  
? Issn: 14750902  
? eISSN: 20413084  
? Volume: 230  
? Issue: 1  
? Pages: 136-153  
? Authors: Coraddu Andrea; Oneto Luca; Ghio Aessandro; Savio Stefano; Anguita Davide; Figari Massimo  
? Keywords: asset decay forecast | COmbined Diesel eLectric And Gas propulsion plant | Condition-based maintenance | gas turbine | machine learning  
? Quartile:  
2025:  
? Ocean Engineering (Q2, rank 37, percentile 68)  
? Mechanical Engineering (Q2, rank 249, percentile 66)  
2016:  
? Ocean Engineering (Q2, rank 25, percentile 71)  
? Mechanical Engineering (Q2, rank 161, percentile 70)  
? Source Id: 25596  
? Author Ids: 55193514900;41262130900;23492204700;7004161333;7004764744;6507282370  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60121711;60025153  
? Corresponding: Coraddu A.

37.

? Title: Manoeuvring model and simulation of the non-linear dynamic interaction between tethered ship and tug during escort  
? Venue: Maritime Transportation and Harvesting of Sea Resources  
? Year: 2016  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 10  
? Scopus ID: 2-s2.0-85055317705  
? Volume: 1  
? Pages: 95-104  
? Authors: Piaggio B.; Martelli M.; Viviani M.; Figari M.  
? Source Id: 21100886381  
? Author Ids: 57204360929;55521641400;58090077400;6507282370  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Piaggio B.

38.

? Title: Numerical and experimental investigation for the performance assessment of full electric marine propulsion plant  
? Venue: Maritime Transportation and Harvesting of Sea Resources  
? Year: 2016  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 7  
? Scopus ID: 2-s2.0-85053838368  
? Volume: 1  
? Pages: 87-93  
? Authors: Martelli M.; Figari M.  
? Source Id: 21100886381  
? Author Ids: 55521641400;6507282370  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Martelli M.

39.

? 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.

40.

? Title: Preliminary design of the hybrid propulsion architecture for the research vessel "G. Dallaporta"  
? Venue: 2016 International Conference on Electrical Systems for Aircraft Railway Ship Propulsion and Road Vehicles and International Transportation Electrification

Conference Esars Itec 2016

? Year: 2016

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 31

? Doi: 10.1109/Esars-Itec.2016.7841342

? Scopus ID: 2-s2.0-85015378566

? Authors: Capasso C.; Veneri O.; Notti E.; Sala A.; Figari M.; Martelli M.

? Keywords: hybrid ship | marine energy generation systems | marine propulsion plant

? Source Id: 21101179807

? Author Ids: 35328966800;8696403200;56045283900;7101706705;6507282370;55521641400

? Authoraffiliationids: 60083730;60083730;60007525;60007525;60025153;60025153

? Corresponding: Capasso C.

41.

? Title: Experimental and numerical investigation of draught and trim effects on the energy efficiency of a displacement mono-hull

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

? Year: 2016

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 6

? Scopus ID: 2-s2.0-84987898825

? Issn: 10986189

? eISSN: 15551792

? Volume: 2016-January

? Pages: 857-863

? Authors: Altosole Marco; Figari Massimo; Ferrari Alberto; Bruzzone Dario; Vernengo Giuliano

? Keywords: Decision support system | Energy efficiency | Fuel consumption | Scale model tests | Trim | Uncertainty analysis

? 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)

2016:

? Energy Engineering and Power Technology (Q3, rank 128, percentile 32)

? Ocean Engineering (Q3, rank 63, percentile 28)

? Mechanical Engineering (Q3, rank 395, percentile 27)

? Source Id: 77392

? Author Ids: 13006187800;6507282370;57199836867;6602292559;37662376400

? Corresponding: Altosole M.

42.

? Title: Machine learning for wear forecasting of naval assets for condition-based maintenance applications

? Venue: Electrical Systems for Aircraft Railway and Ship Propulsion Esars

? Year: 2015

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 21

? Doi: 10.1109/Esars.2015.7101499

? Scopus ID: 2-s2.0-84946196162

? Issn: 21659400

? eISSN: 21659427

? Volume: 2015-May  
? Authors: Coraddu Andrea; Oneto Luca; Ghio Alessandro; Savio Stefano; Figari Massimo; Anguita Davide  
? Keywords: Condition-Based Maintenance | Machine Learning | Naval Propulsion Plant | Publicly Distributed Dataset  
? Source Id: 21100228516  
? Author Ids: 55193514900;41262130900;23492204700;7004161333;6507282370;7004764744  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60121711  
? Corresponding: Coraddu A.

43.

? Title: System control design of autopilot and speed pilot for a patrol vessel by using Imis  
? 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: 24  
? DOI: 10.1201/b18855-76  
? Scopus ID: 2-s2.0-85100125962  
? Pages: 577-583  
? Authors: Alessandri A.; Donnarumma S.; Vignolo S.; Figari M.; Martelli M.; Chiti R.; Sebastiani L.  
? Source Id: 21101081684  
? Author Ids: 7005735677;55350308600;6602505719;6507282370;55521641400;56845710200;16022741600  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;121267422;121267422  
? Corresponding: Alessandri A.

44.

? 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.

45.

? Title: The influence of the operational scenarios on the propulsion system selection in the preliminary naval ship design  
? Venue: 18th International Conference on Ships and Shipping Research Nav 2015  
? Year: 2015  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1

? Scopus ID: 2-s2.0-85012927372  
? Pages: 917-926  
? Authors: Menna Arcangelo; Perra Francesco; Altosole Marco; Figari Massimo; Piastra Federica  
? Source Id: 21100795196  
? Author Ids: 55533319100;55344075500;13006187800;6507282370;56690455900  
? Authoraffiliationids: ;113020036;60025153;60025153;60025153  
? Corresponding: Menna A.

46.

? Title: Italian maritime cluster and Genoa university: A collaborative partnership for the education  
? Venue: Rina Royal Institution of Naval Architects Education and Professional Development of Engineers in the Maritime Industry 2015 Papers  
? Year: 2015  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Scopus ID: 2-s2.0-84975864554  
? Pages: 79-87  
? Authors: Figari M.; Bonvino C. Podenzana; Damilano G.; Gnecco A.  
? Source Id: 21100466473  
? Author Ids: 6507282370;55602588400;57189906458;57224253627  
? Authoraffiliationids: 60025153;60025153;116887160;116887319  
? Corresponding: Figari M.

47.

? 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.

48.

? Title: Numerical modelling of propulsion, control and ship motions in 6 degrees of freedom  
? Venue: Proceedings of the Institution of Mechanical Engineers Part M Journal of Engineering for the Maritime Environment  
? Year: 2014  
? Type: Journal  
? Subtype: Article  
? Citations: 55  
? Doi: 10.1177/1475090214544181  
? Scopus ID: 2-s2.0-84927770471  
? Issn: 14750902

? eISSN: 20413084  
? Volume: 228  
? Issue: 4  
? Pages: 373-397  
? Authors: Martelli Michele; Viviani Michele; Altosole Marco; Figari Massimo; Vignolo Stefano  
? Keywords: Manoeuvrability | Marine engine | Propulsion control simulation | Rudder | Sea trials | Ship motions  
? Quartile:  
2025:  
? Ocean Engineering (Q2, rank 37, percentile 68)  
? Mechanical Engineering (Q2, rank 249, percentile 66)  
2014:  
? Ocean Engineering (Q2, rank 30, percentile 65)  
? Mechanical Engineering (Q2, rank 212, percentile 59)  
? Source Id: 25596  
? Author Ids: 55521641400;58090077400;13006187800;6507282370;6602505719  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153  
? Corresponding: Martelli M.

49.

? Title: Numerical investigation on ship energy efficiency by Monte Carlo simulation  
? Venue: Proceedings of the Institution of Mechanical Engineers Part M Journal of Engineering for the Maritime Environment  
? Year: 2014  
? Type: Journal  
? Subtype: Article  
? Citations: 41  
? Doi: 10.1177/1475090214524184  
? Scopus ID: 2-s2.0-84927632010  
? Issn: 14750902  
? eISSN: 20413084  
? Volume: 228  
? Issue: 3  
? Pages: 220-234  
? Authors: Coraddu Andrea; Figari Massimo; Savio Stefano  
? Keywords: Marine engineering | Marine systems | Naval architecture | Numerical modeling | Simulation  
? Quartile:  
2025:  
? Ocean Engineering (Q2, rank 37, percentile 68)  
? Mechanical Engineering (Q2, rank 249, percentile 66)  
2014:  
? Ocean Engineering (Q2, rank 30, percentile 65)  
? Mechanical Engineering (Q2, rank 212, percentile 59)  
? Source Id: 25596  
? Author Ids: 55193514900;6507282370;7004161333  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Coraddu A.

50.

? Title: Integration of seakeeping and powering computational techniques with meteo-marine forecasting data for in-service ship energy assessment  
? Venue: Developments in Maritime Transportation and Exploitation of Sea Resources Proceedings of Imam 2013 15th International Congress of the International Maritime Association of the Mediterranean

? Year: 2014  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 20  
? Scopus ID: 2-s2.0-84894441228  
? Volume: 1  
? Pages: 93-101  
? Authors: Coraddu A.; Figari M.; Savio S.; Villa D.; Orlandi A.  
? Source Id: 21100286947  
? Author Ids: 55193514900;6507282370;7004161333;56250522200;8072174500  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60082857  
? Corresponding: Coraddu A.

51.

? Title: Simulation study on the interaction between sailing and motor propulsion to optimize performance and control of the tall ship "Amerigo Vespucci"  
? Venue: Developments in Maritime Transportation and Exploitation of Sea Resources Proceedings of Imam 2013 15th International Congress of the International Maritime Association of the Mediterranean  
? Year: 2014  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 5  
? Scopus ID: 2-s2.0-84894418698  
? Volume: 1  
? Pages: 575-582  
? Authors: Altosole M.; Figari M.; Martelli M.; Passano L.; Rocca M.; Giuliano M.; Piva L.  
? Source Id: 21100286947  
? Author Ids: 13006187800;6507282370;55521641400;56046677200;56044957400;57197635695;55371679900  
? Authoraffiliationids: 60025153;60025153;60025153;60081931;60081931;109885832;109885832  
? Corresponding: Altosole M.

52.

? Title: Propulsion retrofitting of the tall ship Amerigo Vespucci: Automation design by simulation  
? Venue: 2014 International Symposium on Power Electronics Electrical Drives Automation and Motion Speedam 2014  
? Year: 2014  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 7  
? Doi: 10.1109/Speedam.2014.6872132  
? Scopus ID: 2-s2.0-84906688464  
? Pages: 313-318  
? Authors: Altosole Marco; Figari Massimo; Ferrero Cesare; Giuffra Vittorio; Piva Lucio  
? Keywords: control | electric motor | propulsion automation | sail | simulation | tall ship  
? Source Id: 21100332186  
? Author Ids: 13006187800;6507282370;56341156900;36813301100;55371679900  
? Authoraffiliationids: 60025153;60025153;60122276;60304333;114526845  
? Corresponding: Altosole M.

53.

? Title: Performance decay analysis of a marine gas turbine propulsion system



? Venue: Journal of Ship Research  
? Year: 2014  
? Type: Journal  
? Subtype: Article  
? Citations: 36  
? Doi: 10.5957/Josr.58.3.130037  
? Scopus ID: 2-s2.0-84906279798  
? Issn: 00224502  
? eISSN: 15420604  
? Volume: 58  
? Issue: 3  
? Pages: 117-129  
? Authors: Altosole Marco; Campora Ugo; Martelli Michele; Figari Massimo  
? Keywords: Gas turbine | Maintenance | Performance decay | Pollutant emissions | Ship propulsion | Simulation  
? Quartile:  
2025:  
? Numerical Analysis (Q2, rank 37, percentile 59)  
? Applied Mathematics (Q2, rank 273, percentile 59)  
? Ocean Engineering (Q2, rank 57, percentile 51)  
? Mechanical Engineering (Q3, rank 381, percentile 48)  
? Civil and Structural Engineering (Q3, rank 231, percentile 44)  
2014:  
? Ocean Engineering (Q1, rank 20, percentile 77)  
? Civil and Structural Engineering (Q1, rank 56, percentile 75)  
? Mechanical Engineering (Q2, rank 134, percentile 74)  
? Applied Mathematics (Q2, rank 130, percentile 67)  
? Numerical Analysis (Q2, rank 15, percentile 64)  
? Source Id: 25663  
? Author Ids: 13006187800;6508251998;55521641400;6507282370  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Altosole M.

54.

? Title: Alternative propulsion technologies for fishing vessels: A case study  
? Venue: International Review of Mechanical Engineering  
? Year: 2014  
? Type: Journal  
? Subtype: Article  
? Citations: 33  
? Scopus ID: 2-s2.0-84901054839  
? Issn: 19708734  
? eISSN: 25325655  
? Volume: 8  
? Issue: 2  
? Pages: 296-301  
? Authors: Altosole Marco; Buglioni Gabriele; Figari Massimo  
? Keywords: Air pollution | Engine | Fishing vessel | Fuel cost savings | LNG fuel | Propeller  
? Quartile:  
2025:  
? Architecture (Q2, rank 64, percentile 69)  
? Agricultural and Biological Sciences (miscellaneous) (Q3, rank 134, percentile 45)  
? Automotive Engineering (Q3, rank 84, percentile 38)  
? Fluid Flow and Transfer Processes (Q3, rank 63, percentile 35)

? Mechanical Engineering (Q3, rank 480, percentile 34)  
? Engineering (all) (Q3, rank 233, percentile 32)  
? Materials Science (miscellaneous) (Q3, rank 167, percentile 32)

2014:

? Mechanical Engineering (Q2, rank 237, percentile 54)

? Source Id: 19500156811

? Author Ids: 13006187800;6504551335;6507282370

? Authoraffiliationids: 60025153;60007525;60025153

? Corresponding: Altosole M.

55.

? Title: Controllable pitch propeller actuating mechanism, modelling and simulation

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

? Year: 2014

? Type: Journal

? Subtype: Article

? Citations: 51

? Doi: 10.1177/1475090212468254

? Scopus ID: 2-s2.0-84900871276

? Issn: 14750902

? eISSN: 20413084

? Volume: 228

? Issue: 1

? Pages: 29-43

? Authors: Martelli Michele; Figari Massimo; Altosole Marco; Vignolo Stefano

? Keywords: Controllable pitch propeller | Pitch mechanism | Ship propulsion |

Simulation

? Quartile:

2025:

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

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

2014:

? Ocean Engineering (Q2, rank 30, percentile 65)

? Mechanical Engineering (Q2, rank 212, percentile 59)

? Source Id: 25596

? Author Ids: 55521641400;6507282370;13006187800;6602505719

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Martelli M.

56.

? Title: Numerical analysis of the ship propulsion control system effect on manoeuvring characteristics in model and full scale marine 2013

? 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: 3

? Scopus ID: 2-s2.0-84891362895

? Pages: 400-411

? Authors: Altosole M.; Figari M.; Martelli M.; Nataletti M.; Vignolo S.; Viviani M.

? Keywords: Control system | Marine propulsion plant | Model and full scale tests |

Numerical simulation | Ship manoeuvrability

? Source Id: 21100277019

? Author Ids: 13006187800;6507282370;55521641400;55978646700;6602505719;58090077400

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153  
? Corresponding: Altosole M.

57.

? Title: Ship energy assessment by numerical simulation marine 2013  
? 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: 3  
? Scopus ID: 2-s2.0-84891349590  
? Pages: 530-540  
? Authors: Coraddu A.; Figari M.; Savio S.  
? Keywords: Energy management | Energy modelling | Marine engineering | Simulation  
? Source Id: 21100277019  
? Author Ids: 55193514900;6507282370;7004161333  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Coraddu A.

58.

? Title: Simulation study on the interaction between sailing and motor propulsion to optimize performance and control of the tall ship ?Amerigo Vespucci?  
? Venue: Developments in Maritime Transportation and Exploitation of Sea Resources  
? Year: 2013  
? Type: Book  
? Subtype: Book Chapter  
? Citations: 0  
? Scopus ID: 2-s2.0-85054949955  
? Pages: 575-582  
? Authors: Altosole M.; Figari M.; Martelli M.; Passano L.; Rocca M.; Giuliano M.; Piva L.  
? Source Id: 21100881512  
? Author Ids:  
13006187800;6507282370;55521641400;56046677200;56044957400;57197635695;55371679900  
? Authoraffiliationids: 60025153;60025153;60025153;60081931;60081931;;  
? Corresponding: Altosole M.

59.

? Title: Time-domain simulation for marine propulsion applications  
? Venue: Proceedings of the 2012 Summer Computer Simulation Conference Scsc 2012 Part of Summersim 2012 Multiconference  
? Year: 2012  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 25  
? Scopus ID: 2-s2.0-84871028646  
? Volume: 44  
? Issue: 10  
? Pages: 36-43  
? Authors: Altosole M.; Figari M.; Martelli M.  
? Keywords: Control system | Ship propulsion | Virtual reality  
? Source Id: 21100223168  
? Author Ids: 13006187800;6507282370;55521641400  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Altosole M.

60.

? Title: A new approach in engine-propeller matching  
? 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: 11  
? Scopus ID: 2-s2.0-84896867822  
? Volume: 2  
? Pages: 631-637  
? Authors: Coraddu A.; Gaggero S.; Villa D.; Figari M.  
? Source Id: 21100291826  
? Author Ids: 55193514900;6503976905;56250522200;6507282370  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Coraddu A.

61.

? Title: Evaluation of ship efficiency indexes  
? 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: 10  
? Scopus ID: 2-s2.0-84896810401  
? Volume: 2  
? Pages: 621-627  
? Authors: Figari M.; D'Amico M.; Gaggero P.  
? Source Id: 21100291826  
? Author Ids: 6507282370;56082885000;56674488900  
? Authoraffiliationids: 60025153;114288973;100359613  
? Corresponding: Figari M.

62.

? Title: Dimensionless numerical approaches for the performance prediction of marine  
waterjet propulsion units  
? Venue: International Journal of Rotating Machinery  
? Year: 2012  
? Type: Journal  
? Subtype: Article  
? Citations: 33  
? Doi: 10.1155/2012/321306  
? Scopus ID: 2-s2.0-84864934627  
? Issn: 1023621x  
? eISSN: 15423034  
? Volume: 2012  
? Authors: Altosole Marco; Benvenuto Giovanni; Figari Massimo; Campora Ugo  
? 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: 13006187800;57197362695;6507282370;6508251998  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Altosole M.

63.

? Title: Probability of achieving the energy efficiency index by Monte Carlo simulation  
? Venue: Rina Royal Institution of Naval Architects International Conference on Managing Reliability and Maintainability in the Maritime Industry Papers  
? Year: 2012  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 4  
? Scopus ID: 2-s2.0-84864885198  
? Pages: 107-114  
? Authors: Figari M.; Savio S.; Coraddu Andrea  
? Source Id: 21100208092  
? Author Ids: 6507282370;7004161333;55193514900  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Figari M.

64.

? Title: Effects of mass and inertia changes on the equations of motion of a vessel  
? Venue: Nav International Conference on Ship and Shipping Research  
? Year: 2012  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Scopus ID: 2-s2.0-85017505060  
? Issn: 22828397  
? Volume: 0  
? Authors: Figari Massimo; Vignolo Stefano  
? Source Id: 21100875435  
? Author Ids: 6507282370;6602505719  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Figari M.

65.

? Title: Hybrid propulsion by gas engines for an ASD harbour tug  
? Venue: Nav International Conference on Ship and Shipping Research  
? Year: 2012  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 8  
? Scopus ID: 2-s2.0-85017007002  
? Issn: 22828397  
? Volume: 0  
? Authors: Altosole M.; Figari M.; Martinelli L.; Raimondi M.  
? Source Id: 21100875435  
? Author Ids: 13006187800;6507282370;57203641272;57203641929  
? Authoraffiliationids: 60025153;60025153;121267817;121267817  
? Corresponding: Altosole M.

66.

? Title: Propulsion control optimisation for emergency manoeuvres of naval vessels  
? Venue: Inec 2012 11th International Naval Engineering Conference and Exhibition  
? Year: 2012  
? Type: Conference Proceeding

? Subtype: Conference Paper  
? Citations: 12  
? Scopus ID: 2-s2.0-84916910545  
? Authors: Altosole M.; Figari M.; Martelli M.; Orr^, G.  
? Source Id: 21100349575  
? Author Ids: 13006187800;6507282370;55521641400;56443939500  
? Authoraffiliationids: 60025153;60025153;60025153;109536273  
? Corresponding: Altosole M.

67.

? Title: Dynamic simulation techniques for the evaluation of the propulsion system behavior  
? Venue: Marine Technology and Engineering  
? Year: 2011  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 1  
? Scopus ID: 2-s2.0-84864041924  
? Volume: 1  
? Pages: 321-348  
? Authors: Benvenuto G. B.; Figari M.  
? Source Id: 21100205974  
? Author Ids: 57197362695;6507282370  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Benvenuto G.B.

68.

? Title: Ship electric propulsion: Analyses through modeling and simulation marine 2011  
? Venue: Marine 2011 Computational Methods in Marine Engineering IV  
? Year: 2011  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 2  
? Scopus ID: 2-s2.0-84860248501  
? Pages: 686-696  
? Authors: Coraddu A.; Figari M.  
? Keywords: Control | Electric propulsion | Ship dynamics | Simulation  
? Source Id: 21100201305  
? Author Ids: 55193514900;6507282370  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Coraddu A.

69.

? Title: Evaluation of ship efficiency indexes  
? Venue: Sustainable Maritime Transportation and Exploitation of Sea Resources  
? Year: 2011  
? Type: Book  
? Subtype: Book Chapter  
? Citations: 1  
? Scopus ID: 2-s2.0-85059577058  
? Pages: 621-628  
? Authors: Figari M.; D'Amico M.; Gaggero P.  
? Source Id: 21100894060  
? Author Ids: 6507282370;56082885000;56674488900  
? Authoraffiliationids: 60025153;114288973;116043030  
? Corresponding: Figari M.

70.

? Title: Dynamic Simulation of the Vertical-Longitudinal Motion of a Variable-Displacement Dynamically Supported High-Speed Craft  
? Venue: Proceedings of the Institution of Mechanical Engineers Part M Journal of Engineering for the Maritime Environment  
? Year: 2011  
? Type: Journal  
? Subtype: Article  
? Citations: 1  
? Doi: 10.1177/1475090210396012  
? Scopus ID: 2-s2.0-84930451883  
? Issn: 14750902  
? eISSN: 20413084  
? Volume: 225  
? Issue: 1  
? Pages: 1-16  
? Authors: Figari M.; Vigna G.; Vignolo S.  
? Keywords: control | simulation | vessel dynamics  
? Quartile:  
2025:  
? Ocean Engineering (Q2, rank 37, percentile 68)  
? Mechanical Engineering (Q2, rank 249, percentile 66)  
2011:  
? Ocean Engineering (Q2, rank 31, percentile 62)  
? Mechanical Engineering (Q2, rank 233, percentile 52)  
? Source Id: 25596  
? Author Ids: 6507282370;56669510400;6602505719  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Figari M.

71.

? Title: Investigation of asymmetrical shaft power increase during ship maneuvers by means of simulation techniques  
? Venue: 11th International Symposium on Practical Design of Ships and Other Floating Structures Prads 2010  
? Year: 2010  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 4  
? Scopus ID: 2-s2.0-84871388232  
? Volume: 1  
? Pages: 172-181  
? Authors: Dubbioso G.; Coraddu A.; Viviani M.; Figari M.; Mauro S.; Depascale R.; Menna A.; Manfredini A.  
? Keywords: Automation | Maneuverability | Propulsion plant | Simulation  
? Source Id: 21100223544  
? Author Ids: 36543735000;55193514900;58090077400;6507282370;7003352547;13006903600;55533319100;55533816000  
? Authoraffiliationids:  
;60025153;60025153;60025153;60073821;60083109;113277471;113277471  
? Corresponding: Dubbioso G.

72.

? Title: Ship Control system wide integration and the use of dynamic simulation techniques in the Fremm project  
? Venue: International Conference on Electrical Systems for Aircraft Railway and Ship Propulsion Esars 2010

? Year: 2010  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 21  
? Doi: 10.1109/Esars.2010.5665266  
? Scopus ID: 2-s2.0-78650925865  
? Authors: Michetti S.; Ratto M.; Spadoni A.; Figari M.; Altosole M.; Marcilli G.  
? Source Id: 19700183180  
? Author Ids: 36544105400;36728141300;36728429300;6507282370;13006187800;36727927300  
? Authoraffiliationids: 109904344;109904344;109904344;60025153;60025153;  
? Corresponding: Michetti S.

73.

? Title: Simulation of the dynamic behaviour of a codlag propulsion plant  
? Venue: Rina Royal Institution of Naval Architects Warship 2010 Advanced Technologies in Naval Design and Construction Papers  
? Year: 2010  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 24  
? Scopus ID: 2-s2.0-77956972270  
? Pages: 109-115  
? Authors: Altosole M.; Dubbioso G.; Figari M.; Viviani M.; Michetti S.; Millerani Trapani A.  
? Source Id: 19700180705  
? Author Ids: 13006187800;36543735000;6507282370;58090077400;36544105400;36544224400  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;109536422-109536273;  
? Corresponding: Altosole M.

74.

? Title: Fuel consumption and exhaust emissions reduction by dynamic propeller pitch control  
? 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: 22  
? Scopus ID: 2-s2.0-70349310247  
? Pages: 543-550  
? Authors: Figari Massimo; Soares C. Guedes  
? Source Id: 19300156924  
? Author Ids: 6507282370;56978160800  
? Authoraffiliationids: 60025153;60004956  
? Corresponding: Figari M.

75.

? Title: Fuel consumption and exhaust emissions reduction by dynamic propeller pitch control  
? Venue: Analysis and Design of Marine Structures Including Cd Rom  
? Year: 2009  
? Type: Book  
? Subtype: Book Chapter  
? Citations: 1  
? Scopus ID: 2-s2.0-85056041733  
? Pages: 543-550  
? Authors: Figari Massimo; Soares C. Guedes



? Source Id: 21100884643  
? Author Ids: 6507282370;56978160800  
? Authoraffiliationids: 60025153;60004956  
? Corresponding: Figari M.

76.

? Title: Real-time simulation of a COGAG naval ship propulsion system  
? Venue: Proceedings of the Institution of Mechanical Engineers Part M Journal of Engineering for the Maritime Environment  
? Year: 2009  
? Type: Journal  
? Subtype: Article  
? Citations: 65  
? Doi: 10.1243/14750902jeme121  
? Scopus ID: 2-s2.0-69249136682  
? Issn: 14750902  
? Volume: 223  
? Issue: 1  
? Pages: 47-61  
? Authors: Altosole M.; Benvenuto G.; Figari M.; Campora U.  
? Keywords: Marine control systems | Marine propulsion | Simulation  
? Quartile:  
2025:  
? Ocean Engineering (Q2, rank 37, percentile 68)  
? Mechanical Engineering (Q2, rank 249, percentile 66)  
? Source Id: 25596  
? Author Ids: 13006187800;57197362695;6507282370;6508251998  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Altosole M.

77.

? Title: Modelling and assessment of Ferrie's environmental impact: A case study  
? 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: 2  
? Scopus ID: 2-s2.0-84859942221  
? Volume: 2  
? Pages: 1135-1143  
? Authors: Borlenghi M.; Figari M.; Carvalho I. S.; Guedes Soares C.  
? Source Id: 21100201036  
? Author Ids: 55193470400;6507282370;56225280500;56978160800  
? Authoraffiliationids: 60025153;60025153;60004956;60004956  
? Corresponding: Borlenghi M.

78.

? Title: Real time simulation of the propulsion plant dynamic behaviour of the Aircraft Carrier "Cavour"  
? Venue: Conference Proceedings of the Institute of Marine Engineering Science and Technology Inec 2008 Embracing the Future  
? Year: 2008  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 19

? Scopus ID: 2-s2.0-78650828358  
? Authors: Altosole M.; Benvenuto G.; Figari M.; Campora U.; Bagnasco A.; D'Arco S.; Giuliano M.; Giuffra V.; Spadoni A.; Zanichelli A.; Michetti S.; Ratto M.  
? Source Id: 19700183127  
? Author Ids: 13006187800;57197362695;6507282370;6508251998;6602504190;57191346693;57197635695;36813301100;36728429300;36815007400;36544105400;36728141300  
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;101699469;101699469;60102057;60102057;60102057;60083109;60083109  
? Corresponding: Altosole M.

79.

? Title: Real-time simulation of a COGAG naval ship propulsion system  
? 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: 9  
? Scopus ID: 2-s2.0-78649871245  
? Volume: 1  
? Pages: 331-337  
? Authors: Altosole M.; Benvenuto G.; Figari M.; Campora U.  
? Source Id: 21100201036  
? Author Ids: 13006187800;57197362695;6507282370;6508251998  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Altosole M.

80.

? Title: Design and test of the propulsion control of the Aircraft Carrier "cavour" using real-time hardware in the loop simulation  
? Venue: Siso European Simulation Interoperability Workshop 2007 Euro Siw 2007  
? Year: 2007  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 11  
? Scopus ID: 2-s2.0-84865395344  
? Pages: 67-74  
? Authors: Altosole Marco; Figari Massimo; Bagnasco Andrea; Maffioletti Lara  
? Keywords: Real time simulation | Ship propulsion control | Virtual prototyping  
? Source Id: 21100211357  
? Author Ids: 13006187800;6507282370;6602504190;55343745400  
? Authoraffiliationids: 60025153;60025153;60025153;60102057  
? Corresponding: Altosole M.

81.

? Title: Dynamic behaviour and stability of marine propulsion systems  
? Venue: Proceedings of the Institution of Mechanical Engineers Part M Journal of Engineering for the Maritime Environment  
? Year: 2007  
? Type: Journal  
? Subtype: Article  
? Citations: 43  
? Doi: 10.1243/14750902jeme58  
? Scopus ID: 2-s2.0-37649003366  
? Issn: 14750902  
? Volume: 221

? Issue: 4  
? Pages: 187-202  
? Authors: Figari M.; Altosole M.  
? Keywords: Dynamic analysis | Engine matching | Marine propulsion | Stability analysis  
? Quartile:  
2025:  
? Ocean Engineering (Q2, rank 37, percentile 68)  
? Mechanical Engineering (Q2, rank 249, percentile 66)  
? Source Id: 25596  
? Author Ids: 6507282370;13006187800  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Figari M.

82.

? Title: Higher education in Marine Technology at Genova University  
? Venue: International Conference Imarest Education Training and Continuing Professional Development of Marine Engineers in the Maritime Industry Papers  
? Year: 2006  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Scopus ID: 2-s2.0-52049093479  
? Pages: 67-73  
? Authors: Figari M.  
? Source Id: 12100157139  
? Author Ids: 6507282370  
? Authoraffiliationids: 60025153  
? Corresponding: Figari M.

83.

? Title: Performance prediction of a planing craft by dynamic numerical simulation  
? Venue: Hpmv China 2006 6th International Conference on High Performance Marine Vessels  
? Year: 2006  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 0  
? Scopus ID: 2-s2.0-33847245416  
? Volume: 2006  
? Pages: C2-E2  
? Authors: Altosole M.; Benvenuto G.; Figari M.  
? Source Id: 5200153108  
? Author Ids: 13006187800;57197362695;6507282370  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Altosole M.

84.

? 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.

85.

? Title: Interaction between ship propulsion plant automation and simulation  
? 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: 8  
? Scopus ID: 2-s2.0-60749099660  
? Volume: 1  
? Pages: 617-626  
? Authors: Benvenuto G.; Carrera G.; Figari M.; Campora U.  
? Source Id: 15900154713  
? Author Ids: 57197362695;7007054988;6507282370;6508251998  
? Authoraffiliationids: 60025153;60025153;60025153;60025153  
? Corresponding: Benvenuto G.

86.

? Title: Performance prediction of a planing craft by dynamic numerical simulation  
? Venue: Proceedings of the 7th Symposium on High Speed Marine Vehicles 2005 Conference Hsmv 2005  
? Year: 2005  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 13  
? Scopus ID: 2-s2.0-33645961622  
? Volume: 2005  
? Pages: 105-111  
? Authors: Altosole M.; Benvenuto G.; Figari M.  
? Source Id: 4100151612  
? Author Ids: 13006187800;57197362695;6507282370  
? Authoraffiliationids: 60025153;60025153;60025153  
? Corresponding: Altosole M.

87.

? Title: Numerical simulation of ship propulsion transients and full-scale validation  
? Venue: Proceedings of the Institution of Mechanical Engineers Part M Journal of Engineering for the Maritime Environment  
? Year: 2003  
? Type: Journal  
? Subtype: Article  
? Citations: 48  
? Doi: 10.1243/147509003321623130  
? Scopus ID: 2-s2.0-84865372876  
? Issn: 14750902  
? eISSN: 20413084  
? Volume: 217  
? Issue: 1  
? Pages: 41-52

? Authors: Campora U.; Figari M.  
? Keywords: computer code | cruise ferry | dynamics simulation | mathematical model | ship propulsion systems  
? Quartile:  
2025:  
? Ocean Engineering (Q2, rank 37, percentile 68)  
? Mechanical Engineering (Q2, rank 249, percentile 66)  
? Source Id: 25596  
? Author Ids: 6508251998;6507282370  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Campora U.

88.

? Title: Environmental impact assessment of short sea shipping  
? Venue: Transactions Society of Naval Architects and Marine Engineers  
? Year: 1998  
? Type: Conference Proceeding  
? Subtype: Conference Paper  
? Citations: 4  
? Scopus ID: 2-s2.0-0032302952  
? Issn: 00811661  
? Volume: 105  
? Pages: 221-234  
? Authors: Benvenuto Giovanni; Figari Massimo  
? Source Id: 27362  
? Author Ids: 57197362695;6507282370  
? Authoraffiliationids: 60025153;60025153  
? Corresponding: Benvenuto G.

89.

? Title: Ultimate bending moment of the ship hull girder  
? Venue: International Shipbuilding Progress  
? Year: 1997  
? Type: Journal  
? Subtype: Article  
? Citations: 0  
? Scopus ID: 2-s2.0-0031382635  
? Issn: 0020868x  
? Volume: 44  
? Issue: 440  
? Pages: 299-319  
? Authors: Damonte R.; Figari M.; Porcari R.  
? Quartile:  
2025:  
? Ocean Engineering (Q3, rank 72, percentile 38)  
? Mechanical Engineering (Q3, rank 456, percentile 38)  
? Source Id: 25630  
? Author Ids: 6507837230;6507282370;6507756625  
? Authoraffiliationids: 60122238;60025153;60122238  
? Corresponding: Damonte R.