

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/VUZDX1lt>
- ? 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
- ? Affidabilità 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
- ? Affidabilità 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
- ? Affidabilità 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, Multimodalità , Interconnessione, Sostenibilità 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; Djakov 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.; Zaccone 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.; Zaccone 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; 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.

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: 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.
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; Gjeci Nikolla; Novellino Antonio; D'Angelo Paolo; Alba Marco; Brotto Paolo; de Leo Francesco; Ferrari Francesco; Besio Giovanni; Mazzino Andrea; Figari Massimo; Zaccone Raphael; Cognati 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: 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.

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 Alessandro; 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: Zaccone R.; Altosole M.; Figari M.; Campora U.
? Source Id: 21100879745
? Author Ids: 56717793100;13006187800;6507282370;6508251998
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Zaccone 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;5553319100;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/Essars.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.