

PIAGGIO BENEDETTO

Overview

- ? Unit: NAV
- ? Role: Ricercatore
- ? Grade: Ricercatore t.d. art. 24 c. 3 lett. B Legge 240/10 (t.pieno) + 20%
- ? SSD: IIND-01/A (Architettura navale)
- ? Scopus ID: 57204360929
- ? Unige Id: 369392
- ? Retrieved at: 2025-11-14T15:13:34.200655

Contact

- ? Email: benedetto.piaggio@unige.it
- ? Page: <https://rubrica.unige.it/personale/VkVOWFNr>
- ? Locations: Villa Cambiaso - padiglioni (ED161450103), 1° piano, US161450103.I.037

Career

- ? Dr, 2016-11-01 ? 2019-10-31
- ? Cb, 2017-03-24 ? 2020-09-20
- ? Ar, 2019-12-02 ? 2021-02-28
- ? Rd, 2021-03-01 ? 2027-10-31

Teaching

2025

- ? Progetto Delle Imbarcazioni A Vela (56996), L-9 - Ingegneria Nautica
- ? Ship Manoeuvrability (101149), L-28 - Maritime Science And Technology
- ? Ship Manoeuvrability (101149), L-28 - Maritime Science And Technology
- ? Ship Stability (101123), L-28 R - Maritime Science And Technology

2024

- ? Progetto Delle Imbarcazioni A Vela A (Cdl) (56996), L-9 - Ingegneria Nautica
- ? Ship Stability (101123), L-28 - Maritime Science And Technology
- ? Ship Manoeuvrability (101149), L-28 - Maritime Science And Technology
- ? Ship Manoeuvrability (101149), L-28 - Maritime Science And Technology

2023

- ? Progetto Delle Imbarcazioni A Vela A (56996), L-9 - Ingegneria Nautica
- ? Ship Stability (101123), L-28 - Maritime Science And Technology
- ? Ship Manoeuvrability (101149), L-28 - Maritime Science And Technology
- ? Ship Manoeuvrability (101149), L-28 - Maritime Science And Technology

2022

- ? Ship Manoeuvrability (101149), L-28 - Maritime Science And Technology
- ? Ship Stability (101123), L-28 - Maritime Science And Technology

2021

- ? Ship Manoeuvrability (101149), L-28 - Maritime Science And Technology
- ? Ship Stability (101123), L-28 - Maritime Science And Technology

2020

- ? Ship Manoeuvrability (101149), L-28 - Maritime Science And Technology

Scopus Metrics

? absolute; Docs: 23; Journals: 14; Conferences: 8; Citations: 243; H-index: 10

? 15 years (2010-2025); Docs: 23; Journals: 14; Conferences: 8; Citations: 243; H-index: 10
? 10 years (2015-2025); Docs: 23; Journals: 14; Conferences: 8; Citations: 243; H-index: 10
? 05 years (2020-2025); Docs: 18; Journals: 13; Conferences: 4; Citations: 180; H-index: 8

Scopus Products

1.
 - ? Title: A 6-DOF submarine manoeuvrability prediction code - Part I: Development and validation
 - ? Venue: Ocean Engineering
 - ? Year: 2025
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 0
 - ? DOI: 10.1016/j.oceaneng.2025.122718
 - ? Scopus ID: 2-s2.0-105018119374
 - ? Issn: 00298018
 - ? Volume: 342
 - ? Authors: Bert^i Lorenzo; Villa Diego; Viviani Michele; Mazzarello Giorgio; Carmone Francesco; Piaggio Benedetto
 - ? Keywords: Control and stability | Hydrodynamics | Manoeuvrability | Rudder | Stern planes | Submarines | Underwater vehicles
 - ? Quartile:
 - 2025:
 - ? Ocean Engineering (Q1, rank 6, percentile 95)
 - ? Environmental Engineering (Q1, rank 38, percentile 83)
 - ? Source Id: 28339
 - ? Author Ids: 60102798400;56250522200;58090077400;57892552100;60130828100;57204360929
 - ? Authoraffiliationids: 60025153;60025153;60025153;60083109;60083109;60025153
 - ? Corresponding: Bert^i L.
2.
 - ? Title: Development of a CFD Based Submarine Manoeuvrability Prediction Code
 - ? Venue: Progress in Marine Science and Technology
 - ? Year: 2025
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 0
 - ? Doi: 10.3233/Pmst250034
 - ? Scopus ID: 2-s2.0-105016237135
 - ? Issn: 25430955
 - ? eISSN: 25430963
 - ? Volume: 10
 - ? Pages: 262-272
 - ? Authors: Bert^i Lorenzo; Piaggio Benedetto; Scotto Luca; Becchetti Sebastiano; Viviani Michele; Villa Diego
 - ? Keywords: Computational Fluid Dynamics | hydrodynamics | rudders | submarines
 - ? 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: 60102798400;57204360929;60102642500;60102345100;58090077400;56250522200

? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Bert^¤ L.

- 3.
- ? Title: Assessment of Numerical Captive Model Tests for Underwater Vehicles: The DARPA SUB-OFF Test Case
 - ? Venue: Journal of Marine Science and Engineering
 - ? Year: 2023
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 11
 - ? DOI: 10.3390/jmse11122325
 - ? Scopus ID: 2-s2.0-85180686068
 - ? eISSN: 20771312
 - ? Volume: 11
 - ? Issue: 12
 - ? Authors: Zheku Vito Vasilis; Villa Diego; Piaggio Benedetto; Gaggero Stefano; Viviani Michele
 - ? Keywords: CFD | DARPA | manoeuvrability | naval hydrodynamics | RANS | submarines | underwater vehicles
 - ? 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: 58033617300;56250522200;57204360929;6503976905;58090077400
 - ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
 - ? Corresponding: Zheku V.V.

- 4.
- ? Title: Follow-the-Leader Guidance, Navigation, and Control of Surface Vessels: Design and Experiments
 - ? Venue: IEEE Journal of Oceanic Engineering
 - ? Year: 2023
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 5
 - ? Doi: 10.1109/Joe.2023.3292422
 - ? Scopus ID: 2-s2.0-85171563043
 - ? Issn: 03649059
 - ? eISSN: 15581691
 - ? Volume: 48
 - ? Issue: 4
 - ? Pages: 997-1008
 - ? Authors: Piaggio Benedetto; Garofano Vittorio; Donnarumma Silvia; Alessandri Angelo; Negenborn Rudy; Martelli Michele
 - ? Keywords: Azimuth-drive propulsion | escort tugs | follow-the-leader control | line of sight (LOS) | track keeping
 - ? 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)

2023:

? Ocean Engineering (Q1, rank 4, percentile 96)
? Mechanical Engineering (Q1, rank 54, percentile 92)
? Electrical and Electronic Engineering (Q1, rank 101, percentile 87)

? Source Id: 17277

? Author Ids: 57204360929;57210819545;55350308600;7005735677;16480813000;55521641400

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

? Corresponding: Piaggio B.

5.

? Title: Twin-screw vessel manoeuvrability: The traditional twin-rudder configuration vs pod-drives

? Venue: Ocean Engineering

? Year: 2023

? Type: Journal

? Subtype: Article

? Citations: 3

? DOI: 10.1016/j.oceaneng.2023.113725

? Scopus ID: 2-s2.0-85147365813

? Issn: 00298018

? Volume: 271

? Authors: Piaggio Benedetto; Sommariva Guglielmo; Franceschi Andrea; Villa Diego; Viviani Michele

? Quartile:

2025:

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

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

2023:

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

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

? Source Id: 28339

? Author Ids: 57204360929;58090472000;57221162704;56250522200;58090077400

? Authoraffiliationids: 60025153;60122238;60122238;60025153;60025153

? Corresponding: Piaggio B.

6.

? Title: The heel influence on ship manoeuvrability: Single and twin-screw surface vessels

? Venue: Ocean Engineering

? Year: 2022

? Type: Journal

? Subtype: Article

? Citations: 7

? DOI: 10.1016/j.oceaneng.2022.112721

? Scopus ID: 2-s2.0-85140026825

? Issn: 00298018

? Volume: 266

? Authors: Piaggio B.; Franceschi A.; Villa D.; Ferrari V.; Tonelli R.; Viviani M.

? Keywords: 4 Degrees of Freedom | Heel effect | IMO standards | Manoeuvrability | Turning | Zigzag

? 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;57221162704;56250522200;56016852400;7004058063;58090077400
- ? Authoraffiliationids: 60025153;60025153;60025153;60029978;60029978;60025153
- ? Corresponding: Piaggio B.

7.

- ? Title: Submarine Manoeuvrability Design: Traditional Cross-Plane vs. x-Plane Configurations in Intact and Degraded Conditions
 - ? Venue: Journal of Marine Science and Engineering
 - ? Year: 2022
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 4
 - ? DOI: 10.3390/jmse10122014
 - ? Scopus ID: 2-s2.0-85144980982
 - ? eISSN: 20771312
 - ? Volume: 10
 - ? Issue: 12
 - ? Authors: Piaggio Benedetto; Vernengo Giuliano; Ferrando Marco; Mazzarello Giorgio; Viviani Michele
 - ? Keywords: design | manoeuvrability | rudder | stern planes | submarines | underwater vehicles
 - ? 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)
- 2022:
- ? Ocean Engineering (Q2, rank 39, percentile 61)
 - ? Civil and Structural Engineering (Q2, rank 137, percentile 61)
 - ? Water Science and Technology (Q2, rank 110, percentile 55)
- ? Source Id: 21100830140
 - ? Author Ids: 57204360929;37662376400;7006903025;57892552100;58090077400
 - ? Authoraffiliationids: 60025153;60025153;60025153;60083109;60025153
 - ? Corresponding: Piaggio B.

8.

- ? 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.
- 9.
- ? Title: Numerical Approaches for Submarine Hydrodynamic Design and Performance Analysis
 - ? Venue: Progress in Marine Science and Technology
 - ? Year: 2022
 - ? Type: Conference Proceeding
 - ? Subtype: Conference Paper
 - ? Citations: 3
 - ? Doi: 10.3233/Pmst220035
 - ? Scopus ID: 2-s2.0-85138153375
 - ? Issn: 25430955
 - ? eISSN: 25430963
 - ? Volume: 6
 - ? Pages: 279-286
 - ? Authors: Gaggero Stefano; Piaggio Benedetto; Vernengo Giuliano; Villa Diego; Viviani Michele; Gualeni Paola
 - ? Keywords: Computational Fluid Dynamics (CFD) | Free surface flow | Maneuvering | Resistance | Submarine
 - ? 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: 6503976905;57204360929;37662376400;56250522200;58090077400;15057843300
 - ? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
 - ? Corresponding: Gaggero S.
- 10.
- ? Title: Development and assessment of CFD methods to calculate propeller and hull impact on the rudder inflow for a twin-screw ship
 - ? Venue: Applied Ocean Research
 - ? Year: 2022
 - ? Type: Journal
 - ? Subtype: Article
 - ? Citations: 19
 - ? DOI: 10.1016/j.apor.2022.103227
 - ? Scopus ID: 2-s2.0-85131965307
 - ? Issn: 01411187
 - ? Volume: 125
 - ? Authors: Franceschi Andrea; Piaggio Benedetto; Villa Diego; Viviani Michele
 - ? Keywords: Manoeuvrability | OpenFOAM | Reynolds average Navier-Stokes (RANS) |

Rudder?propeller interaction | Straightening coefficients

? Quartile:

2025:

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

2022:

? Ocean Engineering (Q1, rank 13, percentile 87)

? Source Id: 26776

? Author Ids: 57221162704;57204360929;56250522200;58090077400

? Authoraffiliationids: 60025153;60025153;60025153;60025153

? Corresponding: Franceschi A.

11.

? Title: An investigation on the heel influence on manoeuverability: A twin-screw RORO vessel case study

? Venue: Proceedings in Marine Technology and Ocean Engineering

? Year: 2022

? Type: Book Series

? Subtype: Book Chapter

? Citations: 0

? Doi: 10.1201/9781003320272-46

? Scopus ID: 2-s2.0-85216188579

? Issn: 2638647x

? eISSN: 26386461

? Volume: 1

? Pages: 417-423

? Authors: Piaggio B.; Rimini B.; Villa D.; Viviani M.; Ferrari V.; Tonelli R.

? Quartile:

2025:

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

? Source Id: 21101270843

? Author Ids: 57204360929;59531979500;56250522200;58090077400;56016852400;7004058063

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

? Corresponding: Piaggio B.

12.

? Title: Assessment of the manoeuvrability characteristics of a twin shaft naval vessel using an open-source cfd code

? Venue: Journal of Marine Science and Engineering

? Year: 2021

? Type: Journal

? Subtype: Article

? Citations: 23

? DOI: 10.3390/jmse9060665

? Scopus ID: 2-s2.0-85108896596

? eISSN: 20771312

? Volume: 9

? Issue: 6

? Authors: Franceschi Andrea; Piaggio Benedetto; Tonelli Roberto; Villa Diego; Viviani Michele

? Keywords: DTMB 5415 | Hydrodynamic coefficients | Manoeuvrability | Reynolds average navier-stokes (RANS) | Virtual captive tests

? Quartile:

2025:

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

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

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

2021:

- ? Ocean Engineering (Q2, rank 42, percentile 57)
- ? Civil and Structural Engineering (Q2, rank 159, percentile 51)
- ? Water Science and Technology (Q3, rank 121, percentile 49)
- ? Source Id: 21100830140
- ? Author Ids: 57221162704;57204360929;7004058063;56250522200;58090077400
- ? Authoraffiliationids: 60025153;60025153;60029978;60025153;60025153
- ? Corresponding: Franceschi A.

13.

- ? 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.

14.

- ? Title: Investigation of the manoeuvrability characteristics of a Gate Rudder system using numerical, experimental, and full-scale techniques
- ? Venue: Applied Ocean Research
- ? Year: 2021
- ? Type: Journal
- ? Subtype: Article
- ? Citations: 26
- ? DOI: 10.1016/j.apor.2020.102419
- ? Scopus ID: 2-s2.0-85097799057
- ? Issn: 01411187
- ? Volume: 106
- ? Authors: Carchen Alessandro; Turkmen Serkan; Piaggio Benedetto; Shi Weichao; Sasaki Noriyuki; Atlar Mehmet
- ? Keywords: CFD simulation | flap effect | full-scale trials | Gate Rudder | manoeuvrability | MMG model | simulation
- ? Quartile:

2025:

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

2021:

- ? Ocean Engineering (Q1, rank 18, percentile 82)

? Source Id: 26776

? Author Ids: 57195154251;57073056700;57204360929;55758703700;55031259600;6701684164

? Authoraffiliationids: 60006222;60006222;60025153;60006222;60024724;60024724

? Corresponding: Carchen A.

15.

- ? 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.

16.

? 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.

17.

? Title: Numerical analysis of escort tug manoeuvrability characteristics
? Venue: Applied Ocean Research
? Year: 2020
? Type: Journal
? Subtype: Article
? Citations: 30

? DOI: 10.1016/j.apor.2020.102075
? Scopus ID: 2-s2.0-85079662814
? Issn: 01411187
? Volume: 97
? Authors: Piaggio Benedetto; Villa Diego; Viviani Michele
? Keywords: Captive model tests | Escort tug | Manoeuvring | Reynolds average Navier-Stokes (RANS) | Validation
? 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
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Piaggio B.

18.
? Title: Follow-the-leader control strategy for azimuth propulsion system on surface vessels
? Venue: Proceedings of the International Ship Control Systems Symposium
? Year: 2020
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? DOI: 10.24868/issn.2631-8741.2020.004
? Scopus ID: 2-s2.0-85110438737
? eISSN: 26318741
? Volume: 1
? Authors: Piaggio B.; Garofano V.; Donnarumma S.; Alessandri A.; Negenborn R. R.; Martelli M.
? Keywords: Azimuthal Propulsion | Follow-the-Leader | Line-of-Sight | Path-Following | Plaonning | Tugs
? 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: 57204360929;57210819545;55350308600;7005735677;16480813000;55521641400
? Authoraffiliationids: 60025153;60118236;60025153;60025153;60118236;60025153
? Corresponding: Piaggio B.

19.
? 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.

20.

? 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.

21.

? Title: Escort tug hydrodynamic forces estimation in a design framework: From model test to manoeuvrability simulation

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

? Year: 2018

? Type: Conference Proceeding

? Subtype: Conference Paper

? Citations: 13

? Doi: 10.1115/Omae2018-78052

? Scopus ID: 2-s2.0-85055354752

? Volume: 11B

? Authors: Piaggio Benedetto; Viviani Michele; Martelli Michele

? Source Id: 91440

? Author Ids: 57204360929;58090077400;55521641400

? Authoraffiliationids: 60025153;60025153;60025153

? Corresponding: Piaggio B.

22.

? 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.

23.

? Title: Manoeuvring model and simulation of the non-linear dynamic interaction between tethered ship and tug during escort
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