

VERGASSOLA GIANMARCO

Overview

? Unit: NAV
? Role: Ricercatore
? Grade: Ricercatore t.d. art. 24 c. 3 lett. A Legge 240/10 (t.pieno)
? SSD: IIND-01/B (Costruzioni e impianti navali)
? Scopus ID: 57191615489
? Unige Id: 340404
? Retrieved at: 2025-11-14T15:14:23.088045

Contact

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? Page: <https://rubrica.unige.it/personale/VkdHX1pt>
? Locations: Campus La Spezia - laboratori Arsenale Militare Marittimi (ED191230102), piano Terra, US191230102.T.026

Career

? Dr, 2014-11-01 ? 2018-10-31
? Ar, 2019-10-01 ? 2022-05-31
? Cb, 2020-09-21 ? 2021-09-20
? Rd, 2022-06-01 ? 2027-05-31

Teaching

2025

? Costruzioni Navali A (114383), L-9 - Ingegneria Nautica
? Costruzioni Navali A (114383), L-9 - Ingegneria Nautica
? Ship Structures And Strength (101128), L-28 - Maritime Science And Technology

2024

? Costruzioni Navali A (67396), L-9 - Ingegneria Nautica
? Costruzioni Navali A (67396), L-9 - Ingegneria Nautica
? Ship Structures And Strength (101128), L-28 - Maritime Science And Technology

2023

? Costruzioni Navali A (67396), L-9 - Ingegneria Nautica
? Costruzioni Navali A (67396), L-9 - Ingegneria Nautica

2022

? Costruzioni Navali (106958), L-4 - Design Del Prodotto E Della Nautica

Scopus Metrics

? absolute; Docs: 45; Journals: 29; Conferences: 15; Citations: 238; H-index: 9
? 15 years (2010-2025); Docs: 45; Journals: 29; Conferences: 15; Citations: 238; H-index: 9
? 10 years (2015-2025); Docs: 45; Journals: 29; Conferences: 15; Citations: 238; H-index: 9
? 05 years (2020-2025); Docs: 21; Journals: 11; Conferences: 9; Citations: 39; H-index: 3

Scopus Products

1.

? Title: Experimental and numerical assessment of ultimate strength of a transversally loaded thin-walled deck structure
? Venue: Marine Structures

- ? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 3
? DOI: 10.1016/j.marstruc.2025.103793
? Scopus ID: 2-s2.0-85218884211
? Issn: 09518339
? Volume: 103
? Authors: Barsotti Beatrice; Battini Carlo; Gaiotti Marco; Rizzo Cesare Mario; Vergassola Gianmarco
? Keywords: Buckling | Collapse | Large-scale test | Nonlinear analysis | Stiffened panel | Ultimate strength
? Quartile:
2025:
? Ocean Engineering (Q1, rank 7, percentile 94)
? Mechanical Engineering (Q1, rank 69, percentile 90)
? Mechanics of Materials (Q1, rank 47, percentile 88)
? Materials Science (all) (Q1, rank 80, percentile 82)
? Source Id: 21052
? Author Ids: 57219353053;56543518100;55200599100;15072981100;57191615489
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Barsotti B.
2.
? Title: An Overview of the Shipbuilding Labour Market: The LeaderSHIP EU Project
? Venue: Progress in Marine Science and Technology
? Year: 2025
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.3233/Pmst250079
? Scopus ID: 2-s2.0-105016215567
? Issn: 25430955
? eISSN: 25430963
? Volume: 10
? Pages: 655-662
? Authors: Pais T.; Vergassola G.; Gaiotti M.; Rizzo C. M.; Valtanen J.; Kivela S.; Lenarduzzi W.; Hauninen M.; Laot A. H.; Gilles P. P.; El Faziki M.; Nechita M.; Popescu G.; Thormods[^]fter J.; Severeide K.; Mendibil A.; Miguelez F.; Campos J. A.; Sanchez-Beaskoetxea J.; Boullosa-Falces D.; Rossi A.
? Keywords: Shipbuilding Labour Market | Skills Gap Analysis | Technological Innovation
? Quartile:
2025:
? Safety, Risk, Reliability and Quality (Q4, rank 200, percentile 22)
? Ocean Engineering (Q4, rank 99, percentile 15)
? Mechanical Engineering (Q4, rank 640, percentile 13)
? Source Id: 21101107127
? Author Ids: 55611778200;57191615489;55200599100;15072981100;60102554300;60102406600;59368573400;60102785200;60102708800;60102481300;60102481400;57204506264;57220533294;60102481500;60102628000;60102481600;60102863100;60102628100;56488011400;57195382082;60102554400
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60098990;60098990;133181381;133181696;133181434;60084005;133181432;60008717;60008717;133181400;133181409;133181602;101929443;60006565;60027856;60027856;133181613
? Corresponding: Pais T.

3.

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

4.

? Title: Sustainable yacht refits: Structural solutions in methanol-powered conversion
? Venue: Ocean Engineering
? Year: 2025
? Type: Journal
? Subtype: Article
? Citations: 0
? DOI: 10.1016/j.oceaneng.2025.120618
? Scopus ID: 2-s2.0-85217922661
? Issn: 00298018
? Volume: 323
? Authors: Basciu Federico; Casali Giorgio; Maloberti Luca; Pais Tatiana; Vergassola Gianmarco; Zaccone Raphael
? Keywords: Carbon emission reduction | Corrugated plate | Finite Element Model | Methanol | Yacht
? Quartile:
2025:
? Ocean Engineering (Q1, rank 6, percentile 95)
? Environmental Engineering (Q1, rank 38, percentile 83)
? Source Id: 28339
? Author Ids: 59559407200;59559202200;57894265000;55611778200;57191615489;56717793100
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;60025153
? Corresponding: Basciu F.

5.

? Title: The role of structural and insulating material in the structure-borne noise propagation of superyachts
? Venue: Mechanics Based Design of Structures and Machines
? Year: 2025

? Type: Journal
? Subtype: Article
? Citations: 1
? Doi: 10.1080/15397734.2024.2424972
? Scopus ID: 2-s2.0-105003394044
? Issn: 15397734
? eISSN: 15397742
? Volume: 53
? Issue: 5
? Pages: 3349-3368
? Authors: Silvestri Paolo; Pais Tatiana; Vergassola Gianmarco
? Keywords: damping | insertion loss | Noise | vibration | yacht
? Quartile:
2025:
? Mathematics (all) (Q1, rank 11, percentile 97)
? Aerospace Engineering (Q1, rank 18, percentile 89)
? Ocean Engineering (Q1, rank 16, percentile 86)
? Civil and Structural Engineering (Q1, rank 60, percentile 85)
? Mechanical Engineering (Q1, rank 106, percentile 85)
? Condensed Matter Physics (Q1, rank 66, percentile 85)
? Automotive Engineering (Q1, rank 23, percentile 83)
? Mechanics of Materials (Q1, rank 74, percentile 82)
? Source Id: 21092
? Author Ids: 6603616075;55611778200;57191615489
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Silvestri P.

6.

? Title: On the experimental full scale vibrational response analysis of a large pleasure yacht
? Venue: Applied Ocean Research
? Year: 2024
? Type: Journal
? Subtype: Article
? Citations: 2
? DOI: 10.1016/j.apor.2024.104141
? Scopus ID: 2-s2.0-85199674708
? Issn: 01411187
? Volume: 150
? Authors: Silvestri Paolo; Pais Tatiana; Vergassola Gianmarco
? Keywords: Experimental full scale vibration analysis | Spectral kurtosis | Vibration | Yacht
? Quartile:
2025:
? Ocean Engineering (Q1, rank 15, percentile 87)
2024:
? Ocean Engineering (Q1, rank 8, percentile 93)
? Source Id: 26776
? Author Ids: 6603616075;55611778200;57191615489
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Silvestri P.

7.

? Title: A rational approach for the scantling design of GRP pleasure crafts
? Venue: Ocean Engineering
? Year: 2024

? Type: Journal
? Subtype: Article
? Citations: 1
? DOI: 10.1016/j.oceaneng.2024.117866
? Scopus ID: 2-s2.0-85190502162
? Issn: 00298018
? Volume: 304
? Authors: Gaiotti M.; Aguiari M.; Vergassola G.; Rizzo C. M.
? Keywords: GRP vessels | Scantling design | Weight reduction
? Quartile:
2025:
? Ocean Engineering (Q1, rank 6, percentile 95)
? Environmental Engineering (Q1, rank 38, percentile 83)
2024:
? Ocean Engineering (Q1, rank 12, percentile 89)
? Environmental Engineering (Q1, rank 45, percentile 79)
? Source Id: 28339
? Author Ids: 55200599100;57212109023;57191615489;15072981100
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Gaiotti M.

8.

? Title: Transformation of a light alloy patrol vessel into a composite pleasure yacht
? Venue: Proceedings of the International Offshore and Polar Engineering Conference
? Year: 2024
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Scopus ID: 2-s2.0-85200758183
? Issn: 10986189
? eISSN: 15551792
? Volume: 1
? Pages: 3700-3709
? Authors: Boote Dario; Vergassola Gianmarco; Hydar Venus
? Keywords: composites materials | FEM analysis | ship structures
? Quartile:
2025:
? Energy Engineering and Power Technology (Q4, rank 273, percentile 16)
? Ocean Engineering (Q4, rank 101, percentile 13)
? Mechanical Engineering (Q4, rank 650, percentile 11)
2024:
? Ocean Engineering (Q4, rank 98, percentile 14)
? Energy Engineering and Power Technology (Q4, rank 266, percentile 11)
? Mechanical Engineering (Q4, rank 646, percentile 10)
? Source Id: 77392
? Author Ids: 56214807300;57191615489;57944709400
? Authoraffiliationids: 60025153;60025153;131546830
? Corresponding: Boote D.

9.

? Title: On the structural assessment of tall ship rigs
? Venue: Ships and Offshore Structures
? Year: 2024
? Type: Journal
? Subtype: Article
? Citations: 0

? Doi: 10.1080/17445302.2023.2226506
? Scopus ID: 2-s2.0-85162694310
? Issn: 17445302
? Volume: 19
? Issue: 8
? Pages: 1055-1071
? Authors: Vergassola G.; Pais T.; Boote D.; Rasori S.; Tonelli A.
? Keywords: Rig | sailing vessel | structural analysis | tall ships
? Quartile:
2025:
? Ocean Engineering (Q2, rank 33, percentile 71)
? Mechanical Engineering (Q2, rank 235, percentile 68)
2024:
? Ocean Engineering (Q2, rank 34, percentile 70)
? Mechanical Engineering (Q2, rank 244, percentile 66)
? Source Id: 19700186818
? Author Ids: 57191615489;55611778200;56214807300;57249425000;57193317969
? Authoraffiliationids: 60025153;60025153;60025153;60025153;122427817
? Corresponding: Vergassola G.

10.

? Title: The Evolution of Large Pleasure Vessel Towards a Green Future
? Venue: Progress in Marine Science and Technology
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 0
? Doi: 10.3233/Pmst220041
? Scopus ID: 2-s2.0-85138176822
? Issn: 25430955
? eISSN: 25430963
? Volume: 6
? Pages: 331-339
? Authors: Vergassola Gianmarco; Boote Dario; Tocchi Federico
? Keywords: Finite Element Analysis | Green propulsion for vessel | Superyacht design | Yacht structure
? 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: 57191615489;56214807300;57193111483
? Authoraffiliationids: 60025153;60025153;128581154
? Corresponding: Vergassola G.

11.

? Title: Structural re-design of a composite pleasure craft with direct and numerical calculations
? Venue: Proceedings in Marine Technology and Ocean Engineering
? Year: 2022
? Type: Book Series

? Subtype: Article
? Citations: 2
? Doi: 10.1201/9781003230373-49
? Scopus ID: 2-s2.0-85181429917
? Issn: 2638647x
? eISSN: 26386461
? Volume: 7
? Pages: 433-439
? Authors: Boote D.; Vergassola G.; Hydar V.; Mitolo S.
? Quartile:
2025:
? Ocean Engineering (Q3, rank 73, percentile 37)
? Source Id: 21101270843
? Author Ids: 56214807300;57191615489;57944709400;59538394900
? Authoraffiliationids: 60025153;60025153;60025153;60025153
? Corresponding: Boote D.

12.

? Title: Underwater Radiated Noise From A Large Pleasure Craft
? Venue: Proceedings of the International Congress on Sound and Vibration
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Scopus ID: 2-s2.0-85149867470
? eISSN: 23293675
? Authors: Dario Boote; Tomaso Gaggero; Tatiana Pais; Enrico Rizzuto; Gianmarco Vergassola; Federico Tocchi
? Keywords: hydrophone | sound | Transmission loss | Underwater radiated noise | yacht
? Source Id: 21101140400
? Author Ids: 58137202400;55212255700;55611778200;58137202600;57191615489;57193111483
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153;129286185
? Corresponding: Dario B.

13.

? Title: A procedure to evaluate the fatigue contribution to the collapse of ship structural components
? Venue: Proceedings of the International Offshore and Polar Engineering Conference
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 1
? Scopus ID: 2-s2.0-85141895750
? Issn: 10986189
? eISSN: 15551792
? Pages: 3117-3123
? Authors: Boote Dario; Vergassola Gianmarco; Lindemann Thomas; Kaending Patrick
? Keywords: fatigue life | seakeeping | ship structures
? 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)
2022:
? Ocean Engineering (Q4, rank 85, percentile 15)
? Energy Engineering and Power Technology (Q4, rank 224, percentile 11)

- ? Mechanical Engineering (Q4, rank 564, percentile 10)
? Source Id: 77392
? Author Ids: 56214807300;57191615489;57188575378;7801590313
? Authoraffiliationids: 60025153;60025153;60003615;60003615
? Corresponding: Boote D.
14.
? Title: Seakeeping Analysis Of A Grp Fast Patrol Vessel
? Venue: Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering OMAE
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1115/Omae2022-81100
? Scopus ID: 2-s2.0-85140789374
? Volume: 5-B
? Authors: Hydar V.; Boote D.; Vergassola G.; P?curaru F.
? Keywords: Seakeeping analysis | vertical acceleration
? Source Id: 91440
? Author Ids: 57944709400;56214807300;57191615489;24073282100
? Authoraffiliationids: 60025153;60025153;60025153;60008717
? Corresponding: Hydar V.
15.
? Title: A Strategy For The Reduction Of Structural Weight Of Composite Vessels
? Venue: Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering OMAE
? Year: 2022
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Doi: 10.1115/Omae2022-80387
? Scopus ID: 2-s2.0-85140717918
? Volume: 2
? Authors: Gaiotti Marco; Vergassola Gianmarco; Pais Tatiana
? Keywords: GRP vessels | structural scantling | weight reduction of ships
? Source Id: 91440
? Author Ids: 55200599100;57191615489;55611778200
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Gaiotti M.
16.
? Title: Fatigue Collapse of Ship Structural Components: a Case Study
? Venue: International Review of Mechanical Engineering
? Year: 2022
? Type: Journal
? Subtype: Article
? Citations: 2
? DOI: 10.15866/ireme.v16i2.21757
? Scopus ID: 2-s2.0-85130742475
? Issn: 19708734
? eISSN: 25325655
? Volume: 16
? Issue: 2
? Pages: 56-66
? Authors: Boote D.; Vergassola G.

? Keywords: Fatigue Life | Seakeeping | Ship Structure

? 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)

2022:

? Agricultural and Biological Sciences (miscellaneous) (Q2, rank 69, percentile 53)

? Engineering (all) (Q2, rank 146, percentile 51)

? Materials Science (miscellaneous) (Q3, rank 82, percentile 45)

? Automotive Engineering (Q3, rank 63, percentile 45)

? Mechanical Engineering (Q3, rank 378, percentile 40)

? Fluid Flow and Transfer Processes (Q3, rank 56, percentile 39)

? Source Id: 19500156811

? Author Ids: 56214807300;57191615489

? Authoraffiliationids: 60025153;60025153

? Corresponding: Boote D.

17.

? Title: An experimental-driven methodology for the evaluation of pre-tension of stays and shrouds for large sailing vessels

? Venue: Ocean Engineering

? Year: 2021

? Type: Journal

? Subtype: Article

? Citations: 1

? DOI: 10.1016/j.oceaneng.2021.109775

? Scopus ID: 2-s2.0-85114393487

? Issn: 00298018

? Volume: 238

? Authors: Vergassola G.; Pais T.; Boote D.; Rasori S.; Tonelli A.

? Keywords: Cable dynamics | Cable pre-tension | Sailing yacht rig

? Quartile:

2025:

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

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

2021:

? Ocean Engineering (Q1, rank 9, percentile 91)

? Environmental Engineering (Q1, rank 34, percentile 80)

? Source Id: 28339

? Author Ids: 57191615489;55611778200;56214807300;57249425000;57193317969

? Authoraffiliationids: 60025153;60025153;60025153;60025153;121043949

? Corresponding: Vergassola G.

18.

? Title: The preliminary design of rubber mounted pillars for pleasure and passenger yachts

? 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: 0
? Doi: 10.1201/9781003216582-41
? Scopus ID: 2-s2.0-85145496582
? Volume: 1
? Pages: 365-372
? Authors: Vergassola G.; Boote D.; Falcinelli L.
? Source Id: 21101129854
? Author Ids: 57191615489;56214807300;58041396400
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Vergassola G.

19.

? Title: Real scale measurements of yacht's mast accelerations
? Venue: Ships and Offshore Structures
? Year: 2021
? Type: Journal
? Subtype: Article
? Citations: 5
? Doi: 10.1080/17445302.2020.1816747
? Scopus ID: 2-s2.0-85090993506
? Issn: 17445302
? Volume: 16
? Issue: 10
? Pages: 1125-1142
? Authors: Boote D.; Vergassola G.; Delfino P.; Faloci F.
? Keywords: mast's accelerations | real scale measurements | Sailing yachts | seakeeping numerical analysis
? 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: 56214807300;57191615489;57218999786;56242699800
? Authoraffiliationids: 60025153;60025153;60211436;105804482
? Corresponding: Boote D.

20.

? Title: A simplified approach to the dynamic effective thickness of laminated glass for ships and passenger yachts
? Venue: International Journal on Interactive Design and Manufacturing
? Year: 2020
? Type: Journal
? Subtype: Article
? Citations: 8
? DOI: 10.1007/s12008-019-00614-2
? Scopus ID: 2-s2.0-85074019425
? Issn: 19552513
? eISSN: 19552505
? Volume: 14
? Issue: 1
? Pages: 123-135
? Authors: Vergassola Gianmarco; Boote Dario
? Keywords: Dynamic effective thickness | Laminated glass | Ship design for comfort |

Superyacht windows

? Quartile:

2025:

? Modeling and Simulation (Q1, rank 63, percentile 83)

? Industrial and Manufacturing Engineering (Q2, rank 107, percentile 73)

2020:

? Modeling and Simulation (Q1, rank 70, percentile 76)

? Industrial and Manufacturing Engineering (Q2, rank 88, percentile 73)

? Source Id: 12000154536

? Author Ids: 57191615489;56214807300

? Authoraffiliationids: 60025153;60025153

? Corresponding: Vergassola G.

21.

? Title: The prediction of noise propagation onboard pleasure crafts in the early design stage

? Venue: Journal of Ocean Engineering and Marine Energy

? Year: 2020

? Type: Journal

? Subtype: Article

? Citations: 8

? DOI: 10.1007/s40722-019-00149-4

? Scopus ID: 2-s2.0-85074823072

? Issn: 21986444

? eISSN: 21986452

? Volume: 6

? Issue: 1

? Pages: 15-30

? Authors: Vergassola Gianmarco

? Keywords: Full-scale noise measurements | Laminated glass | Structure-borne noise | Superyacht structure | Superyachts

? Quartile:

2025:

? Ocean Engineering (Q2, rank 31, percentile 73)

? Water Science and Technology (Q2, rank 82, percentile 70)

? Energy Engineering and Power Technology (Q2, rank 108, percentile 67)

? Renewable Energy, Sustainability and the Environment (Q2, rank 148, percentile 52)

2020:

? Ocean Engineering (Q1, rank 22, percentile 77)

? Water Science and Technology (Q2, rank 59, percentile 74)

? Energy Engineering and Power Technology (Q2, rank 70, percentile 68)

? Renewable Energy, Sustainability and the Environment (Q2, rank 75, percentile 61)

? Source Id: 21100812570

? Author Ids: 57191615489

? Authoraffiliationids: 60025153

? Corresponding: Vergassola G.

22.

? Title: Numerical and experimental comparison of the dynamic behaviour of superyacht structure

? Venue: Ships and Offshore Structures

? Year: 2019

? Type: Journal

? Subtype: Article

? Citations: 12

? Doi: 10.1080/17445302.2018.1546451

? Scopus ID: 2-s2.0-85057311632
? Issn: 17445302
? Volume: 14
? Issue: sup1
? Pages: 1-8
? Authors: Vergassola G.; Boote D.
? Keywords: experimental vibration analysis | FE vibration analysis | Superyacht structure
? Quartile:
2025:
? Ocean Engineering (Q2, rank 33, percentile 71)
? Mechanical Engineering (Q2, rank 235, percentile 68)
2019:
? Ocean Engineering (Q2, rank 26, percentile 71)
? Mechanical Engineering (Q2, rank 192, percentile 67)
? Source Id: 19700186818
? Author Ids: 57191615489;56214807300
? Authoraffiliationids: 60025153;60025153
? Corresponding: Vergassola G.

23.

? Title: Hull?furniture interaction in the primary response to global loads of a carbon fibre sailing yacht
? Venue: Ships and Offshore Structures
? Year: 2019
? Type: Journal
? Subtype: Article
? Citations: 8
? Doi: 10.1080/17445302.2018.1498210
? Scopus ID: 2-s2.0-85050157866
? Issn: 17445302
? Volume: 14
? Issue: 3
? Pages: 281-294
? Authors: Vergassola Gianmarco; Boote Dario; Pais Tatiana
? Keywords: carbon fibre sailing yacht | dock-tuning load | FE structural analysis | global strength | hull?furniture interaction
? Quartile:
2025:
? Ocean Engineering (Q2, rank 33, percentile 71)
? Mechanical Engineering (Q2, rank 235, percentile 68)
2019:
? Ocean Engineering (Q2, rank 26, percentile 71)
? Mechanical Engineering (Q2, rank 192, percentile 67)
? Source Id: 19700186818
? Author Ids: 57191615489;56214807300;55611778200
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Vergassola G.

24.

? Title: Low - Frequency analysis of super yacht free vibrations
? Venue: Ocean Engineering
? Year: 2019
? Type: Journal
? Subtype: Article
? Citations: 14

? DOI: 10.1016/j.oceaneng.2019.02.037
? Scopus ID: 2-s2.0-85062696993
? Issn: 00298018
? Volume: 176
? Pages: 199-210
? Authors: Vergassola G.; Pais T.; Boote D.
? Keywords: Numerical vibration analysis | Superyacht structures | Superyacht vibration measurements
? 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: 57191615489;55611778200;56214807300
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Vergassola G.

25.

? Title: Buckling numerical analysis of stiffened cylindrical structures
? Venue: Proceedings of the International Offshore and Polar Engineering Conference
? Year: 2019
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 4
? Scopus ID: 2-s2.0-85079827716
? Issn: 10986189
? eISSN: 15551792
? Volume: 4
? Pages: 4367-4374
? Authors: Vergassola Gianmarco; Boote Dario; Manca Chiara
? Keywords: Buckling analysis | FE structural non linear analysis | Stiffened cylinders
? 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)
2019:
? Ocean Engineering (Q3, rank 68, percentile 25)
? Energy Engineering and Power Technology (Q4, rank 175, percentile 19)
? Mechanical Engineering (Q4, rank 478, percentile 18)
? Source Id: 77392
? Author Ids: 57191615489;56214807300;57215059030
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Vergassola G.

26.

? Title: On the racking assessment of pure car truck carrier vessels
? Venue: Proceedings of the International Offshore and Polar Engineering Conference
? Year: 2019
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Scopus ID: 2-s2.0-85079826350

? Issn: 10986189
? eISSN: 15551792
? Volume: 4
? Pages: 4962-4969
? Authors: Vergassola Gianmarco; Boote Dario; Pais Tatiana; Ogano Francesco; Paci Lorenzo
? Keywords: Finite element Analysis | Hot Spot Fatigue Analysis | Pure Car Track Carriers | Racking
? 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)
2019:
? Ocean Engineering (Q3, rank 68, percentile 25)
? Energy Engineering and Power Technology (Q4, rank 175, percentile 19)
? Mechanical Engineering (Q4, rank 478, percentile 18)
? Source Id: 77392
? Author Ids: 57191615489;56214807300;55611778200;57215050922;57215034525
? Authoraffiliationids: 60025153;60025153;60025153;60025153;60025153
? Corresponding: Vergassola G.

27.

? Title: Static and dynamic comparison of megayacht deck structure's layouts
? Venue: International Shipbuilding Progress
? Year: 2019
? Type: Journal
? Subtype: Conference Paper
? Citations: 3
? Doi: 10.3233/lsp-180260
? Scopus ID: 2-s2.0-85063258422
? Issn: 0020868x
? eISSN: 15662829
? Volume: 66
? Issue: 1
? Pages: 91-110
? Authors: Vergassola Gianmarco; Boote Dario; Ricci Lisa
? Keywords: Deck structural scantling | FEM | Megayacht | Vibration analysis
? Quartile:
2025:
? Ocean Engineering (Q3, rank 72, percentile 38)
? Mechanical Engineering (Q3, rank 456, percentile 38)
2019:
? Ocean Engineering (Q3, rank 60, percentile 34)
? Mechanical Engineering (Q3, rank 411, percentile 29)
? Source Id: 25630
? Author Ids: 57191615489;56214807300;57204906660
? Authoraffiliationids: 60025153;60025153;118836663
? Corresponding: Vergassola G.

28.

? Title: On the damping loss factor of viscoelastic materials for naval applications
? Venue: Ships and Offshore Structures
? Year: 2018
? Type: Journal
? Subtype: Article

? Citations: 33
? Doi: 10.1080/17445302.2018.1425338
? Scopus ID: 2-s2.0-85041015424
? Issn: 17445302
? Volume: 13
? Issue: 5
? Pages: 466-475
? Authors: Vergassola Gianmarco; Boote Dario; Tonelli Angelo
? Keywords: damping loss factor | hybrid FEM?SEA analysis | naval structural architecture | Viscoelastic materials
? Quartile:
2025:
? Ocean Engineering (Q2, rank 33, percentile 71)
? Mechanical Engineering (Q2, rank 235, percentile 68)
2018:
? Ocean Engineering (Q2, rank 30, percentile 68)
? Mechanical Engineering (Q2, rank 199, percentile 66)
? Source Id: 19700186818
? Author Ids: 57191615489;56214807300;57193317969
? Authoraffiliationids: 60025153;60025153;119897314
? Corresponding: Vergassola G.

29.

? Title: Vibration analysis for the comfort assessment of a superyacht under hydrodynamic loads due to mechanical propulsion
? Venue: Ocean Engineering
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 27
? DOI: 10.1016/j.oceaneng.2018.02.058
? Scopus ID: 2-s2.0-85042878726
? Issn: 00298018
? Volume: 155
? Pages: 310-323
? Authors: Tatiana Pais; Dario Boote; Gianmarco Vergassola
? Keywords: Comfort analysis | Finite elements models | Frequency response function (FRF) | Pillars | Tuned mass damper
? 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: 55611778200;56214807300;57191615489
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Tatiana P.

30.

? Title: On the deck structural layout of megayacht
? 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: 4
? Doi: 10.3233/978-1-61499-870-9-587
? Scopus ID: 2-s2.0-85087655751
? Pages: 587-595
? Authors: Vergassola Gianmarco; Boote Dario; Pais Tatiana; Ricci Lisa
? Keywords: Deck structural scantling | FEM | Megayacht | Vibration analysis
? Source Id: 21101023871
? Author Ids: 57191615489;56214807300;55611778200;57204906660
? Authoraffiliationids: 60025153;60025153;60025153;121764379
? Corresponding: Vergassola G.

31.

? Title: Numerical tools and experimental procedures for the prediction of noise propagation on board superyachts
? Venue: Transactions of the Royal Institution of Naval Architects Part B International Journal of Small Craft Technology
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 6
? DOI: 10.3940/rina.ijsc.2018.b1.207
? Scopus ID: 2-s2.0-85052398103
? Issn: 17400694
? Volume: 160
? Issue: PartB1
? Pages: B9-B16
? Authors: Vergassola G.; Pais T.; Boote D.
? Quartile:
2018:
? Ocean Engineering (Q4, rank 72, percentile 23)
? Civil and Structural Engineering (Q4, rank 252, percentile 16)
? Source Id: 5000154004
? Author Ids: 57191615489;55611778200;56214807300
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Vergassola G.

32.

? Title: Engine foundation re-design due to modification of the shaft line arrangement
? Venue: Transactions of the Royal Institution of Naval Architects Part B International Journal of Small Craft Technology
? Year: 2018
? Type: Journal
? Subtype: Article
? Citations: 5
? DOI: 10.3940/rina.2018.ijsc.2018.b1.208
? Scopus ID: 2-s2.0-85051736750
? Issn: 17400694
? Volume: 160
? Issue: PartB1
? Pages: B17-B30
? Authors: Pais T.; Boote D.; Vergassola G.; Di Iorio M. E.
? Quartile:
2018:
? Ocean Engineering (Q4, rank 72, percentile 23)
? Civil and Structural Engineering (Q4, rank 252, percentile 16)

? Source Id: 5000154004
? Author Ids: 55611778200;56214807300;57191615489;57203436473
? Authoraffiliationids: 60025153;60025153;60025153;121161059
? Corresponding: Pais T.

33.

? Title: Thermal load effects on side plates of superyachts
? Venue: Marine Structures
? Year: 2017
? Type: Journal
? Subtype: Article
? Citations: 9
? DOI: 10.1016/j.marstruc.2017.06.002
? Scopus ID: 2-s2.0-85024103832
? Issn: 09518339
? Volume: 56
? Pages: 39-68
? Authors: Boote D.; Vergassola G.; Giannarelli D.; Ricotti R.
? Quartile:
2025:
? Ocean Engineering (Q1, rank 7, percentile 94)
? Mechanical Engineering (Q1, rank 69, percentile 90)
? Mechanics of Materials (Q1, rank 47, percentile 88)
? Materials Science (all) (Q1, rank 80, percentile 82)
2017:
? Ocean Engineering (Q1, rank 7, percentile 93)
? Mechanical Engineering (Q1, rank 86, percentile 85)
? Mechanics of Materials (Q1, rank 61, percentile 82)
? Materials Science (all) (Q1, rank 98, percentile 78)
? Source Id: 21052
? Author Ids: 56214807300;57191615489;57194900095;16040579400
? Authoraffiliationids: 60025153;60025153;118836663;110237087
? Corresponding: Boote D.

34.

? Title: A numerical determination of effective breadth of GRP stiffened plates
? Venue: Transactions of the Royal Institution of Naval Architects Part B International Journal of Small Craft Technology
? Year: 2017
? Type: Journal
? Subtype: Note
? Citations: 0
? Scopus ID: 2-s2.0-85106780002
? Issn: 17400694
? Volume: 159
? Pages: 51-52
? Authors: Boote D.; Vergassola G.; Strano L.
? Quartile:
2017:
? Ocean Engineering (Q4, rank 72, percentile 23)
? Civil and Structural Engineering (Q4, rank 247, percentile 13)
? Source Id: 5000154004
? Author Ids: 56214807300;57191615489;57191620565
? Authoraffiliationids: 60025153;60025153;118836663
? Corresponding: Boote D.

35.

? Title: The influence of added mass in superyacht vibration analysis
? Venue: Rina Royal Institution of Naval Architects International Conference on Design and Construction of Super and Mega Yachts 2017
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Scopus ID: 2-s2.0-85064442753
? Authors: Pais T.; Boote D.; Vergassola G.
? Source Id: 21100903772
? Author Ids: 55611778200;56214807300;57191615489
? Authoraffiliationids: 60025153;60025153;60025153
? Corresponding: Pais T.

36.

? Title: Numerical tools and experimental activities for the prediction of noise propagation on board superyachts
? Venue: Rina Royal Institution of Naval Architects International Conference on Design and Construction of Super and Mega Yachts 2017
? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 2
? Scopus ID: 2-s2.0-85044695020
? Authors: Tonelli A.; Torre D.; Vergassola G.; Boote D.
? Source Id: 21100903772
? Author Ids: 57193317969;57208318473;57191615489;56214807300
? Authoraffiliationids: 122427817;122427817;60025153;60025153
? Corresponding: Tonelli A.

37.

? Title: Thermal load effects on aluminum light alloy plates with epoxy coatings
? Venue: Transactions of the Royal Institution of Naval Architects Part B International Journal of Small Craft Technology
? Year: 2017
? Type: Journal
? Subtype: Article
? Citations: 1
? DOI: 10.3940/rina.ijsc.2017.b2.206
? Scopus ID: 2-s2.0-85043582830
? Issn: 17400694
? Volume: 159
? Issue: PartB2
? Pages: 89-100
? Authors: Boote D.; Pais T.; Vergassola G. M.; Giannarelli D.
? Quartile:
2017:
? Ocean Engineering (Q4, rank 72, percentile 23)
? Civil and Structural Engineering (Q4, rank 247, percentile 13)
? Source Id: 5000154004
? Author Ids: 56214807300;55611778200;57191615489;57194900095
? Authoraffiliationids: 60025153;60025153;60025153;118836663
? Corresponding: Boote D.

38.

? Title: WFSV-PL -an hybrid carbon composite wind farm supply vessel
? Venue: Proceedings of the International Offshore and Polar Engineering Conference

? Year: 2017
? Type: Conference Proceeding
? Subtype: Conference Paper
? Citations: 3
? Scopus ID: 2-s2.0-85038921430
? Issn: 10986189
? eISSN: 15551792
? Pages: 586-594
? Authors: Costa Valerio; Boote Dario; Vergassola Gianmarco; Pais Tatiana; Ferrari Alberto; Sugalski Karol
? Keywords: Carbon composite | CFD | Towing tank tests | Wind farm supply vessel
? Quartile:
2025:
? Energy Engineering and Power Technology (Q4, rank 273, percentile 16)
? Ocean Engineering (Q4, rank 101, percentile 13)
? Mechanical Engineering (Q4, rank 650, percentile 11)
2017:
? Energy Engineering and Power Technology (Q3, rank 141, percentile 31)
? Ocean Engineering (Q3, rank 67, percentile 28)
? Mechanical Engineering (Q3, rank 426, percentile 26)
? Source Id: 77392
? Author Ids: 57200046749;56214807300;57191615489;55611778200;57199836867;57200042041
? Authoraffiliationids: 118836663;60025153;60025153;60025153;60025153;60002004
? Corresponding: Costa V.

39.

? Title: On the damping coefficient of laminated glass for yacht industry
? Venue: International Shipbuilding Progress
? Year: 2017
? Type: Journal
? Subtype: Article
? Citations: 9
? Doi: 10.3233/lsp-170131
? Scopus ID: 2-s2.0-85037812867
? Issn: 0020868x
? eISSN: 15662829
? Volume: 64
? Issue: 1-2
? Pages: 25-40
? Authors: Boote D.; Pais T.; Vergassola G.; Tonelli A.; Gragnani L.
? Keywords: Damping coefficient | Dynamic structural analysis | Laminated glass | Yacht structures
? Quartile:
2025:
? Ocean Engineering (Q3, rank 72, percentile 38)
? Mechanical Engineering (Q3, rank 456, percentile 38)
2017:
? Ocean Engineering (Q3, rank 49, percentile 47)
? Mechanical Engineering (Q3, rank 314, percentile 45)
? Source Id: 25630
? Author Ids: 56214807300;55611778200;57191615489;57193317969;57193316989
? Authoraffiliationids: 60025153;60025153;60025153;119897314;119897306
? Corresponding: Boote D.

40.

? Title: Finite element structural analysis of big yacht superstructures

? Venue: International Review of Mechanical Engineering
? Year: 2017
? Type: Journal
? Subtype: Article
? Citations: 11
? DOI: 10.15866/ireme.v11i4.9231
? Scopus ID: 2-s2.0-85023741408
? Issn: 19708734
? eISSN: 25325655
? Volume: 11
? Issue: 4
? Pages: 228-233
? Authors: Boote D.; Vergassola G.; Pais T.; Kramer M.
? Keywords: FEM | Racking | Strength analysis | Superyacht
? 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)
2017:
? Mechanical Engineering (Q3, rank 308, percentile 46)
? Source Id: 19500156811
? Author Ids: 56214807300;57191615489;55611778200;57194875196
? Authoraffiliationids: 60025153;60025153;60025153;118823116
? Corresponding: Boote D.

41.

? Title: Strength analysis of superyacht superstructures with large openings
? Venue: International Review of Mechanical Engineering
? Year: 2017
? Type: Journal
? Subtype: Article
? Citations: 22
? DOI: 10.15866/ireme.v11i1.9289
? Scopus ID: 2-s2.0-85018603065
? Issn: 19708734
? eISSN: 25325655
? Volume: 11
? Issue: 1
? Pages: 1-9
? Authors: Boote D.; Vergassola G.; Di Matteo V.
? Keywords: Bending efficiency | FEM | Glazing structures | Strength analysis | Superyacht
? 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)

2017:

? Mechanical Engineering (Q3, rank 308, percentile 46)

? Source Id: 19500156811

? Author Ids: 56214807300;57191615489;57194072572

? Authoraffiliationids: 60025153;60025153;118441183

? Corresponding: Boote D.

42.

? Title: Simplified analytical method for the evaluation of longitudinal strength of large sailing yachts

? Venue: Ocean Engineering

? Year: 2017

? Type: Journal

? Subtype: Article

? Citations: 10

? DOI: 10.1016/j.oceaneng.2016.11.064

? Scopus ID: 2-s2.0-85012075638

? Issn: 00298018

? Volume: 133

? Pages: 182-196

? Authors: Ocera M.; Boote D.; Vergassola G.; Faloci F.

? Keywords: FEM | Hull Strength | Longitudinal strength | Mast | Rigs | Sailing yacht

? 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: 57193256649;56214807300;57191615489;56242699800

? Authoraffiliationids: 118836663;60025153;60025153;114385687

? Corresponding: Ocera M.

43.

? Title: A numerical determination of effective breadth of GRP stiffened plates

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

? Year: 2016

? Type: Journal

? Subtype: Article

? Citations: 2

? DOI: 10.3940/rina.ijsc.2016.b1.187

? Scopus ID: 2-s2.0-85106841146

? Issn: 17400694

? Volume: 158

? Pages: B49-B61

? Authors: Boote D.; Vergassola G.; Strano L.

? Quartile:

2016:

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

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

? Source Id: 5000154004

? Author Ids: 56214807300;57191615489;57191620565

? Authoraffiliationids: 60025153;60025153;118836663

? Corresponding: Boote D.

44.

? Title: A simplified method for the evaluation of inertial loads on sailing yachts

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

? Year: 2016

? Type: Journal

? Subtype: Article

? Citations: 7

? DOI: 10.3940/rina.ijsct.2016.b2.194

? Scopus ID: 2-s2.0-85010880300

? Issn: 17400694

? Volume: 158

? Issue: PartB2

? Pages: B101-B111

? Authors: Boote D.; Vergassola G.; Comborieu A.; Faloci F.; Tocchi F.

? Quartile:

2016:

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

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

? Source Id: 5000154004

? Author Ids: 56214807300;57191615489;57193110411;56242699800;57193111483

? Authoraffiliationids: 60025153;60025153;60120891;118836663;118836663

? Corresponding: Boote D.

45.

? Title: A numerical determination of effective breadth of GRP stiffened plates

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

? Year: 2016

? Type: Journal

? Subtype: Article

? Citations: 3

? DOI: 10.3940/rina.ijsct.2016.bl.l87

? Scopus ID: 2-s2.0-84992091541

? Issn: 17400694

? Volume: 158

? Pages: B49-B61

? Authors: Boote D.; Vergassola G.; Strano L.

? Quartile:

2016:

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

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

? Source Id: 5000154004

? Author Ids: 56214807300;57191615489;57191620565

? Authoraffiliationids: 60025153;60025153;118836663

? Corresponding: Boote D.