

Res. Asst. Deniz Öztürk

Personal Information

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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Deniz Teknolojisi Mühendisliği, Turkey 2019 - Continues

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2016 - 2019

Undergraduate, Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri Fakültesi, Gemi Ve Deniz Teknolojisi Mühendisliği, Turkey 2012 - 2016

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Investigation of The Performance of a Circular Cross-section Roll Stabilizer System Working with a Magnus Effect on a Full-Scale Motor yacht, Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri, Gemi Ve Deniz Teknolojisi Mühendisliği, 2019

Research Areas

Marine Sciences and Technology, Naval Architecture and Marine Engineering, Ship Hydromechanics, Ship Construction, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri, Gemi Ve Deniz Teknolojisi Mühendisliği, 2017 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Straight-ahead self-propulsion and turning maneuvers of DTC container ship with direct CFD simulations**
Kınacı Ö. K. , Öztürk D.
Ocean Engineering, vol.244, 2022 (Journal Indexed in SCI Expanded)
- II. **Free-running tests for DTC self-propulsion – An investigation of lateral forces due to the rudder and the propeller**
Kınacı Ö. K. , Delen C., Bitirgen R., Bayezit A., Bayezit İ., Öztürk D., Güngüder B.

Applied Ocean Research, vol.116, 2021 (Journal Indexed in SCI)

- III. **Full-scale cfd analysis of double-m craft seakeeping performance in regular head waves**
Öztürk D., Delen C., Mancini S., Şerifoğlu M. O. , Hızarcı T.
Journal of Marine Science and Engineering, vol.9, no.5, 2021 (Journal Indexed in SCI)
- IV. **Performance of a Magnus effect-based cylindrical roll stabilizer on a full-scale Motor-yacht**
Öztürk D.
Ocean Engineering, vol.218, 2020 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **An Optimized Routing Procedure for Safe Navigation of Large Tankers in the Strait of Istanbul**
Öztürk D., Sariöz K.
Journal of ETA Maritime Science, vol.10, no.1, pp.61-73, 2022 (Journal Indexed in ESCI)
- II. **Experimental and Numerical Investigation of the Effects of Different Draft and Wave Frequency Combinations on the Performance of a Fixed OWC Wave Energy Converter**
Öztürk D., Şerifoğlu M. O.
Journal of ETA Maritime Science, vol.9, no.4, pp.266-273, 2021 (Journal Indexed in ESCI)
- III. **Risk Based Sea Ambulance Design**
Menteş A., Koc C. B. , Öztürk D., Bilici G., Guven E., Baki Y., Kircicegi E.
JOURNAL OF ETA MARITIME SCIENCE, vol.7, no.1, pp.17-32, 2019 (Journal Indexed in ESCI)
- IV. **FAULT TOLERANT CONTROL OF ROTOR SWING STABILIZER SYSTEM USING FMEA METHOD**
Öztürk D., Akyıldız H.
GİDB dergi, no.7, pp.33-47, 2016 (National Non-Refereed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Magnus Etkisiyle Çalışan Yalpa Önleyici bir Sistemin İncelenmesi**
Öztürk D.
21. Ulusal Mekanik Kongresi, Niğde, Turkey, 2 - 06 September 2019, pp.427-434
- II. **Türkiye'deki Limanların Risk Tabanlı Performans Analizi**
ÖZTÜRK D., MENTEŞ A., AKYILDIZ H.
9. KIYI MÜHENDİSLİĞİ SEMPOZYUMU 1-3 Kasım 2018 ADANA, Adana, Turkey, 1 - 03 November 2018
- III. **Risk Based Security Performance of Port Facilities in Turkey**
Öztürk D., Türker O., Menteş A., Akyıldız H.
3rd International Naval Architecture and Maritime Symposium, INT-NAM, İstanbul, Turkey, 24 - 25 April 2018, pp.471-481
- IV. **Assessment of Barriers to Short Sea Shipping in Turkey**
Öztürk D., Giray İ., Gül M., Menteş A., Akyıldız H.
3rd International Naval Architecture and Maritime Symposium, INT-NAM, İstanbul, Turkey, 24 - 25 April 2018, pp.483-494
- V. **Akıllı yalpa önleyici bir sistemin hata tolerans kontrolü ile risk analizi**
Öztürk D., Akyıldız H.
GMO SHIPMAR, İstanbul, Turkey, 8 - 09 December 2016, pp.1-13

Supported Projects

Köroğlu S. A. , Akyıldız H., Öztürk D., Project Supported by Higher Education Institutions, Gezinti Tekneleri için Bir Akıllı Yalpa Önleyici Bir Sistemin Hidrodinamik Analizi, 2017 - 2020

Akyıldız H., Menteş A., Öztürk D., Project Supported by Higher Education Institutions, Türkiyedeki Kıyı ve Kısa Mesafe Denizyolu Taşımacılığının Risk Tabanlı Değerlendirilmesi, 2017 - 2019

Citations

Total Citations (WOS):6

h-index (WOS):1

Scholarships

The Walter M. and Doris H. Maclean Scholarship, Other International Organizations, 2022 - 2023

Awards

Öztürk D., Hızarcı T., Şerifoğlu M. O. , İmeak Deniz Ticaret Odası, July 2020