SAMET BIÇEN
RES. ASST. PHD



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International Researcher IDs
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Publons / Web Of Science ResearcherID: ABA-8955-2020
ScopusID: 57218566936
Yoksis Researcher ID: 303479

Learning Knowledge

Doctorate 2020 - 2023	Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Maritime Transportation Engineering, Turkey
Postgraduate 2018 - 2020	Istanbul Technical University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma Mühendisliği, Turkey
Undergraduate 2008 - 2013	Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, Turkey

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Proposing a reliability availability maintainability (ram) analysis in shipboard machinery systems, Istanbul Technical University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma Mühendisliği, 2019

Academic Titles / Tasks

Research Assistant PhD 2019 - Continues	Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği

Published journal articles indexed by SCI, SSCI, and AHCI

1. **A bibliometric review on maritime inspection analysis: Current and future insights**
   Biçen S., Celik M.
   Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, vol.237, no.2, pp.275-292, 2023 (SCI-Expanded)
2. **A hybrid approach to near-miss report investigation towards next-generation safety solutions on-board ships**
   Biçen S., Celik M.
   Ocean Engineering, vol.266, 2022 (SCI-Expanded)
3. **A Human Reliability Analysis to Crankshaft Overhauling in Dry-Docking of a General Cargo Ship**
   Biçen S., Kandemir Ç., Çelik M.
   Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, vol.235, no.1, pp.93-109, 2021 (SCI-Expanded)

Articles Published in Other Journals

1. **Systematic Analysis of Multi-Source Inspection Database via Ship Smart Audit System**
   Aydin O., Celik M., Biçen S., Bayer D.
   Transactions on Maritime Science, vol.11, no.2, 2022 (Scopus)
2. **A RAM extension to enhance ship planned maintenance system**
   Biçen S., Çelik M.
   Australian Journal of Maritime and Ocean Affairs, vol.00, 2022 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

1. **Improvement of Operational Problem Solving Skills of Marine Engineering Students via Simulator Technology**
   Biçen S., Kandemir Ç., Çelik M.
   2nd IITEEC 2019 International Instructional Technologies in Engineering Education Conference, İzmir, Turkey, 12 - 13 September 2019, pp.33-38
2. **A Situational Awareness Assessment to Marine Engineering Students Integrated With Engine Room Simulator Exercises**
   Kandemir Ç., Biçen S., Çelik M.
   2nd IITEEC 2019 International Instructional Technologies in Engineering Education Conference, İzmir, Turkey, 12 - 13 September 2019, pp.39-43
3. **Investigation of the Application and Training Requirements of Ram Analysis in Ship Machinery System**
   Biçen S., Kandemir Ç., Çelik M.
   ERPA International Congresses on Education 2019, Sakarya, Turkey, 19 - 22 June 2019, pp.617-624

Academic and Administrative Experience

2019 - 2023	**Eğitim Belgelendirme Birimi Koordinatörlüğü**	Istanbul Technical University, Denizcilik

Courses

Gemi Makineleri Operasyon & Bakımı, Undergraduate, 2023 - 2024

Engine Room Simulator (ERS) I , Undergraduate, 2023 - 2024

Activities in Scientific Journals

International Journal of Mechanical Engineering and Applications, Committee Member, 2022 - Continues

Metrics

Publication: 9
Citation (WoS): 5
Citation (Scopus): 22
H-Index (WoS): 1
H-Index (Scopus): 3

Research Areas

Marine Sciences and Technology, algorithms, Database and Data Structures, Artificial Intelligence, Computer Learning and Pattern Recognition, Software, Ship Machines

Non Academic Experience

OMEGA GÖZETİM DANIŞMANLIK VE DENİZCİLİK HİZMETLERİ TİC.LTD.ŞTİ.
UN Ro-Ro Denizcilik A.Ş.
Company, Omega Survey & Maritime Services Co. Ltd., Omega Survey & Maritime Services Co. Ltd.
Company, Marinsa Shipping Co., Marinsa Shipping Co.
Marinsa Denizcilik A.Ş.
Company, Marinsa Shipping Co., Marinsa Shipping Co.
Company, İnce Shipping & Trading Co., İnce Shipping & Trading Co.
INCE SHIPPING GROUP
Company, Çukurova Holding, Genel Denizcilik A.Ş.
Company, Sedef Shipyard/Türkon Holding, Makina Donatım