

## Lect. TAMER ÖZYİĞİT

### Personal Information

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### International Researcher IDs

ORCID: 0000-0003-4223-1184

Publons / Web Of Science ResearcherID: A-6086-2017

Yoksis Researcher ID: 124324

### Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), Turkey 2004 - 2008

Postgraduate, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 1998 - 2002

Undergraduate, Istanbul Technical University, İşletme Fakültesi, İşletme Mühendisliği Bölümü, Turkey 1991 - 1996

### Foreign Languages

English, C1 Advanced

French, C1 Advanced

### Dissertations

Doctorate, Türkiye'de elektrik üretimi için enerji kaynak alternatiflerinin değerlendirilmesi, İstanbul Teknik Üniversitesi, Kurumlar Sosyolojisi, Endüstri Mühendisliği (Dr), 2008

Postgraduate, Evaluation de la performance relative socio economique des pays en voie de developpement, Galatasaray Üniversitesi, Mühendislik ve Teknoloji Fakültesi, Endüstri Mühendisliği Bölümü, 2000

### Research Areas

Computer Sciences, Industrial Engineering , Engineering and Technology

### Academic Titles / Tasks

Lecturer PhD, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisligi, 2010 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

1. Clustering of recreational divers by their health conditions in a database of a citizen science project

- ÖZYİĞİT T., Yavuz C., EĞİ S. M., Pieri M., Balestra C., Marroni A.  
UNDERSEA AND HYPERBARIC MEDICINE, vol.46, no.2, pp.171-181, 2019 (SCI-Expanded)
- II. **Clustering of recreational divers by their health conditions in a database of a citizen science project**  
ÖZYİĞİT T., Yavuz C., EĞİ S. M., Pieri M., Balestra C., Marroni A.  
Undersea and Hyperbaric Medicine, vol.46, no.2, pp.171-183, 2019 (SCI-Expanded)
- III. **Designing a Diving Protocol for Thermocline Identification Using Dive Computers in Marine Citizen Science**  
Egi S. M., Cousteau P., Pieri M., Cerrano C., ÖZYİĞİT T., Marroni A.  
APPLIED SCIENCES-BASEL, vol.8, no.11, 2018 (SCI-Expanded)
- IV. **Safety Priorities and Underestimations in Recreational Scuba Diving Operations: A European Study Supporting the Implementation of New Risk Management Programmes**  
Lucrezi S., Egi S. M., Pieri M., Burman F., ÖZYİĞİT T., Cialoni D., Thomas G., Marroni A., Saayman M.  
FRONTIERS IN PSYCHOLOGY, vol.9, 2018 (SSCI)
- V. **Design and Validation of a Breathing Detection System for Scuba Divers**  
Altepe C., EĞİ S. M., ÖZYİĞİT T., Sinoplu D. R., Marroni A., Pierleoni P.  
SENSORS, vol.17, no.6, 2017 (SCI-Expanded)
- VI. **Commercial diver selection using multiple-criteria decision-making methods**  
ÖZYİĞİT T., EĞİ S. M.  
UNDERSEA AND HYPERBARIC MEDICINE, vol.41, no.6, pp.565-572, 2014 (SCI-Expanded)
- VII. **Decompression Illness Medically Reported by Hyperbaric Treatment Facilities: Cluster Analysis of 1929 Cases**  
ÖZYİĞİT T., EĞİ S. M., Denoble P., Balestra C., Aydin S., Vann R., Marroni A.  
AVIATION SPACE AND ENVIRONMENTAL MEDICINE, vol.81, no.1, pp.3-7, 2010 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Development of A Wireless Pressure Sensor Module to Convert the Mobile Phones into Dive Computers**  
MEMİŞOĞLU M., ÖZYİĞİT T., ŞATIR S., EĞİ S. M.  
SELCUK UNIVERSITY JOURNAL OF ENGINEERING, SCIENCE AND TECHNOLOGY, vol.7, no.7, pp.494-508, 2019  
(Peer-Reviewed Journal)
- II. **Dalış Bilgisayarlarının Ergonomik Performanslarının Değerlendirilmesi**  
ÖZYİĞİT T., EĞİ S. M.  
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.18, no.011306, pp.169-177, 2018 (Peer-Reviewed Journal)
- III. **Design and Implementation of an Underwater Telemetric Glucose Monitoring System for Scuba Divers**  
EĞİ S. M., ALTEPE C., PIERI M., SİNOPLU D. R., CIALIONI D., ÖZYİĞİT T., PIERLONI P., MARRONI A.  
Hittite Journal of Science and Engineering, vol.5, no.2, pp.141-146, 2018 (Peer-Reviewed Journal)

## Books

- I. **Chapter 10: DCS Evaluation –Cluster Analysis of DCS**  
ÖZYİĞİT T., EĞİ S. M.  
in: Diving Deeper into SCUBA... Science: Practical and Theoretical Knowledge, Costantino Balestra Peter Germonpre, Editor, Primento Digital Publishing, Brüksel, pp.216-227, 2017

## Papers Published in Refereed Scientific Meetings

- I. **Classification of Decompression Sickness Signs and Symptoms Using Cluster Analysis**  
Imbert J. P., EĞİ S. M., ÖZYİĞİT T.  
2023 IEEE International Conference on Big Data, BigData 2023, Sorrento, Italy, 15 - 18 December 2023, pp.4907-4911
- II. **Data Mining on Divers Alert Network DSL Database: Classification of Divers**  
ÖZYİĞİT T., Yavuz C., Pieri M., EĞİ S. M., Egi B., Altepe C., Cialoni D., Marroni A.  
16th Industrial Conference on Data Mining (ICDM), New-York, United States Of America, 13 - 17 July 2016, vol.9728, pp.96-109
- III. **Nerites underwater monitoring system of diver's respiration and regulator performance using Intermediate Pressure Signal**  
Altepe C., EĞİ S. M., ÖZYİĞİT T., Pierleoni P.  
9th International Conference on Biomedical Electronics and Devices, BIODEVICES 2016 - Part of 9th International Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2016, Rome, Italy, 21 - 23 February 2016, pp.119-124
- IV. **Development of a wireless dive computer - mobile phone interface to relay profile information to diving databases**  
EĞİ S. M., ÖZYİĞİT T.  
Joint International Symposium on "The Social Impacts of Developments in Information, Manufacturing and Service Systems" 44th International Conference on Computers and Industrial Engineering, CIE 2014 and 9th International Symposium on Intelligent Manufacturing and Service Systems, IMSS 2014, İstanbul, Turkey, 14 - 16 October 2014, pp.1035-1038
- V. **Evaluating the ergonomic performance of dive computers**  
ÖZYİĞİT T., EĞİ S. M.  
2012 2nd International Conference on Digital Information and Communication Technology and its Applications, DICTAP 2012, Bangkok, Thailand, 16 - 18 May 2012, pp.314-318
- VI. **Personnel Selection for Manned Diving Operations**  
ÖZYİĞİT T., EĞİ S. M., Aydın S., Tunc N.  
International Conference on Digital Information and Communication Technology and Its Applications, Dijon, France, 21 - 23 June 2011, vol.167, pp.654-655

## Supported Projects

ÖZYİĞİT T., Project Supported by Higher Education Institutions, DALGIÇLARIN VERİ MADENCİLİĞİ TEKNİKLERİ KULLANILARAK SINIFLANDIRILMASI, 2015 - 2017

ÖZYİĞİT T., Project Supported by Higher Education Institutions, PDA TABANLI CEP TELEFONLARININ SUALTINDA ECG, EMG VE DİĞER FİZYOLOJİK VERİLERİN TOPLANMASI İÇİN KULLANIMI, 2011 - 2012

ÖZYİĞİT T., Project Supported by Higher Education Institutions, DALIŞ BİLGİSAYARLARININ PERFORMANS DEĞERLENDİRMESİNDE ÇOK KRİTERLİ KARAR VERME YÖNTEMLERİNİN UYGULANMASI, 2011 - 2012

## Metrics

Publication: 17

Citation (WoS): 30

Citation (Scopus): 68

H-Index (WoS): 3

H-Index (Scopus): 5

## Non Academic Experience

Haute Ecole Paul-Henri Spaak - Brüksel, Misafir Öğretim Üyesi  
Galatasaray Üniversitesi, Ar. Gör.  
Özgür Mat, Grafik, Tasarım