

Res. Asst. PhD EYÜP ANIL DUMAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: M-6819-2014

ScopusID: 57394847200

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Biography

1988 yılında Bursa'da doğan Duman; 2005 yılında Bursa Ali Osman Sönmez Fen Lisesinden mezun olup, Marmara Üniversitesi'ne ilk adımını atmıştır. 2010 yılında Marmara Üniversitesi, Metalurji ve Malzeme Mühendisliği (İng) bölümü lisans, 2013 yılında ise Rutgers (The State University of New Jersey, USA) Üniversitesi Malzeme Bilimi ve Mühendisliği bölümü yüksek lisans eğitimlerini tamamlamıştır. 2014 yılında mezun olduğu bölüme geri dönüp araştırma görevlisi olarak göreve başlamış ve halen daha bu bölümde görev almaktadır. İdealleri doğrultusunda Marmara Üniversitesi, Endüstri Mühendisliği bölümünde doktora eğitimine başlamış ve 2022 yılında doktorasını tamamlamıştır. Çalışma ve bilimsel ilgi alanlarının arasında spor analitiği, istatistiksel analiz, çok kriterli karar verme ve makine öğrenmesi yer almaktadır.

Akademik hayatı dışında basketbol aşığı olan Duman, Türkiye Basketbol Federasyonu 4. kademe Basketbol Antrenörlük lisansına sahiptir. Mühendislik Fakültesi Spor Faaliyetleri Komisyonu Üyesi olarak Fakülte Basketbol takımı koçluğunu da yapmaktadır.

Education

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Industrial Engineering (Eng), Turkey 2013 - 2022

Postgraduate, Rutgers, The State University of New Jersey, Engineering Faculty, Materials Science and Engineering, United States Of America 2011 - 2013

Undergraduate, Marmara University, Faculty of Engineering, Metallurgical and Material Engineering, Turkey 2005 - 2010

Foreign Languages

English, C2 Mastery

Research Areas

Sports Sciences and Technology, Computer Learning, Multi Criteria Decision Making, Decision Support Systems, Statistical Analysis and Applications

Academic Positions

Research Assistant, Marmara University, Faculty of Engineering, Metallurgical and Material Engineering, 2011 - Continues

Articles

- I. **Multi-attribute decision making methods for sports performance evaluation: A review**
Duman E. A., Kılıç H. S., Tuzkaya G.
IMI Journal Management Mathematics, no.dpaf042, pp.1-38, 2026 (SCI-Expanded)
- II. **Comparison of Average Minutes Played and Usage Rates of Domestic and Foreign Players in Turkish Basketball Super League: A Descriptive Research**
DUMAN E. A.
Türkiye Klinikleri Spor Bilimleri Dergisi, vol.17, no.2, pp.91-99, 2025 (TRDizin)
- III. **Entegre Edilmiş Bulanık SWARA ve Bulanık TOPSIS Yöntemleri ile Spor Okulu Seçimi**
DUMAN E. A.
International journal of advances in engineering and pure sciences (Online), vol.34, no.4, pp.504-516, 2022 (Peer-Reviewed Journal)
- IV. **A cluster analysis of basketball players for each of the five traditionally defined positions**
DUMAN E. A., SENNAROĞLU B., TUZKAYA G.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART P-JOURNAL OF SPORTS ENGINEERING AND TECHNOLOGY, 2021 (SCI-Expanded)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **The Relationship between Youth and Senior National Team Performance in European Basketball**
Duman E. A.
III.International Congress On Exercise And Sports Sciences (ICESS2025), Konya, Turkey, 20 - 22 November 2025, pp.910, (Summary Text)
- II. **Player Selection by Multi-Criteria Decision Making Methods: A Case Study Based on Selection of Play-Maker Position For Eurobasket2015 Turkey National Basketball Team**
DUMAN E. A., TUZKAYA G.
International Physical Education, Sport, Recreation and Dance Congress, 26 - 28 April 2018, (Summary Text)
- III. **A Cluster Analysis of Players from 2016-2017 Turkish Basketball League**
DUMAN E. A., TUZKAYA G., TÜREGÜN E.
15th International Sport Sciences Congress, 15 - 18 November 2017, (Summary Text)
- IV. **Performance Analysis in Basketball A Review Study**
DUMAN E. A., TUZKAYA G.
The 10th International Conference In Physical Education, Sports And Physical Therapy, Elazığ, Turkey, 18 - 20 November 2016, (Summary Text)
- V. **Developing A Decision Support System with Fuzzy Numbers For Youth Sports Club Selection**
DUMAN E. A., TUZKAYA G., KARABAL D.
14th International Sport Sciences Congress, Antalya, Turkey, 1 - 04 November 2016, (Summary Text)
- VI. **Down by Two Last Ball Play Decision in Basketball**
DUMAN E. A., DONDURAN M.
International Symposium on Sport Science, Engineering and Technology (ISSSET2015), İstanbul, Turkey, 10 - 13 May 2015, (Full Text)
- VII. **Lean Agile and Leagile Supply Chain Managements A Review Study**
DUMAN E. A., METE HAN T., ES H. A.

International Conference on Value Chain Sustainability (ICOVACS 2015), İstanbul, Turkey, 12 - 13 March 2015,
(Full Text)

Funded Projects

Tuzkaya G., DUMAN E. A., Project Supported by Higher Education Institutions, BAP PhD, Sporda Performans Değerlendirme ve Takım Oluşturma İçin Özgün Karar Destek Sistemi Geliştirilmesi, 2017 - 2022

Peer Reviews in Scientific Publications

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, November 2022

Metrics

Publication: 11

Citation (WoS): 6

Citation (Scopus): 7

H-Index (WoS): 1

H-Index (Scopus): 1