

## Res. Asst. MİRAC MURAT

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: ABB-3351-2020

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### Education Information

Undergraduate, Istanbul University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey 2008 - 2012

### Foreign Languages

English, B2 Upper Intermediate

### Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2021 - Continues

Research Assistant, Istanbul Technical University, İşletme, Endüstri Mühendisliği, 2018 - 2021

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

- I. **A decision support system for assessing the barriers and policies for wind energy deployment**  
Bouraima M. B., AYYILDIZ E., Badi I., MURAT M., ES H. A., Pamucar D.  
Renewable and Sustainable Energy Reviews, vol.200, 2024 (SCI-Expanded)
- II. **A holistic decision-making approach to assessing service quality in higher education institutions**  
ŞAHİN A., İMAMOĞLU G., MURAT M., AYYILDIZ E.  
Socio-Economic Planning Sciences, vol.92, 2024 (SCI-Expanded)
- III. **Game theory-oriented approach for disassembly line worker assignment and balancing problem with multi-manned workstations**  
Köse Y., Çevikcan E., Ertemel S., Murat M.  
Computers and Industrial Engineering, vol.181, 2023 (SCI-Expanded)
- IV. **A novel hybrid MCDM approach to evaluate universities based on student perspective**  
Ayyıldız E., Murat M., İmamoğlu G., Köse Y.  
SCIENTOMETRICS, vol.128, no.1, pp.55-86, 2023 (SCI-Expanded)
- V. **Prediction of equilibrium moisture content and specific gravity of heat treated wood by artificial neural networks**  
ÖZŞAHİN Ş., Murat M.  
EUROPEAN JOURNAL OF WOOD AND WOOD PRODUCTS, vol.76, no.2, pp.563-572, 2018 (SCI-Expanded)

- VI. **Performance prediction of PEM fuel cell with wavy serpentine flow channel by using artificial neural network**  
SEYHAN M., AKANSU Y. E., Murat M., KORKMAZ Y., AKANSU S. O.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.40, pp.25619-25629, 2017 (SCI-Expanded)

### Articles Published in Other Journals

- I. **A lasso regression-based forecasting model for daily gasoline consumption: Türkiye Case**  
AYYILDIZ E., MURAT M.  
Turkish Journal of Engineering, vol.8, no.1, pp.162-174, 2024 (Scopus)
- II. **Intersection Signaling Simulation**  
AYYILDIZ E., MURAT M., DEMİRCİ E.  
Sigma Journal of Engineering and Natural Sciences, vol.8, no.4, pp.357-364, 2018 (Peer-Reviewed Journal)
- III. **Türkiye’de Yer Alan Şehirlerin Eğitim Performanslarının Çok Kriterli Karar Verme Yöntemleri Kullanılarak Belirlenmesi**  
AYYILDIZ E., MURAT M.  
Kent Kültür ve Yönetimi Dergisi / Journal of Urban Culture and Management, vol.10, no.2, pp.255-267, 2017 (Peer-Reviewed Journal)
- IV. **INTERSECTION SIGNALING SIMULATION**  
Ayyildiz E., Murat M., DEMİRCİ E.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.8, no.4, pp.357-364, 2017 (ESCI)

### Books & Book Chapters

- I. **Efficiency Evaluation of Turkish Sports Federations Using DEA-Based Malmquist Productivity Index**  
Murat M., Köse Y., Çevikcan E.  
in: Industrial Engineering in the Age of Business Intelligence. GJCIE 2021. Lecture Notes in Management and Industrial Engineering, Fethi Calisir, Editor, Springer Nature, Zug, pp.77-91, 2022
- II. **CRM and Marketing Analytics**  
ÖNER S. C., IŞIK Y., KAZDALOĞLU A. E., MURAT M., Kalaycı T. A., ÇETİN YILDIZ K., PEKPAZAR A., SİVRİ M. S., Toraman N., ÖZTAYŞI B., et al.  
in: Business Analytics for Professionals, , Editor, Springer Nature, İstanbul, pp.345-352, 2022

### Refereed Congress / Symposium Publications in Proceedings

- I. **A Compromise-Based New Approach to Learning Fuzzy Cognitive Maps**  
Murat M., Asan U.  
International Conference on Intelligent and Fuzzy Systems, İstanbul, Turkey, 21 - 23 July 2020, vol.1197, pp.1172-1180
- II. **TÜRKİYE SÜPER LİGİ’NDE YER ALAN FUTBOL KULÜPLERİNİN ETKİNLİKLERİNİN VERİ ZARFLAMA ANALİZİ İLE İNCELENMESİ**  
AYYILDIZ E., MURAT M.  
37. YÖNEYLEM ARAŞTIRMASI VE ENDÜSTRİ MÜHENDİSLİĞİ ULUSAL KONGRES, İstanbul, Turkey, 5 - 07 July 2017, vol.1, no.1, pp.116-117
- III. **Forecasting the Amount of Sulfur Dioxide (SO<sub>2</sub>) and Particulate Matter (PM<sub>10</sub>) in the Air Using Grey Prediction and ARIMA Methods**  
ALÇI A., MURAT M., ÖZŞAHİN Ş.

3rd International Researchers, Statisticians and Young Statisticians Congress, Konya, Turkey, 24 - 26 May 2017,  
pp.274

IV. **Kavşak Sinyalizasyon Simülasyonu**

AYYILDIZ E., MURAT M., Aldemir E., Altun E.

Transist 9. Uluslararası Ulaşım Teknolojileri Sempozyumu ve Fuarı, İstanbul, Turkey, 1 - 03 December 2016,  
pp.566-572

## **Metrics**

Publication: 20

Citation (WoS): 148

Citation (Scopus): 161

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H-Index (Scopus): 5