

Res. Asst. MİRAC MURAT

Personal Information

Email: miracmurat@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr/miracmurat>

International Researcher IDs

ScholarID: Yd_57AcAAAAJ

ORCID: 0000-0001-9980-9608

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

ScopusID: 57194109236

Yoksis Researcher ID: 215956

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.
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- 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 (SO₂) and Particulate Matter (PM₁₀) 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

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Citation (Scopus): 124

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H-Index (Scopus): 4