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Education

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

Foreign Languages

English, B2 Upper Intermediate

Academic Positions

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

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

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Enhancing petroleum logistics with innovative decision support mechanism for fuel tanker selection**
MURAT M., SEYHAN M., Erdogan M., AYYILDIZ E.
Environmental Science and Pollution Research, 2025 (SCI-Expanded)
- II. **A decision support system for assessing the barriers and policies for wind energy deployment**
Bouraima M. B., Ayyıldız E., Badi I., Murat M., Es H. A., Pamucar D.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.200, 2024 (SCI-Expanded)
- III. **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)
- IV. **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)
- V. **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)
- VI. **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)

VII. 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. **Evaluating the vulnerability of forestry supply chains through fuzzy cognitive map**
MURAT M., AYYILDIZ E., ASAN U.
European Journal of Forest Engineering, 2024 (Peer-Reviewed Journal)
- III. **Türkiye Süper Ligi'nin Veri Zarflama Analizi ile Değerlendirilmesi**
Ayyıldız E., Murat M.
CBÜ Beden Eğitimi ve Spor Bilimleri Dergisi, vol.13, no.1, pp.73-86, 2018 (Peer-Reviewed Journal)
- IV. **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)
- V. **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)
- VI. **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

- 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

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Endüstriyel Bölgelerde Dayanıklı Kıyı Altyapı Yatırım Kararı Faktörlerinin Değerlendirilmesi**
İMAMOĞLU G., KÖSE Y., MURAT M., AYYILDIZ E.
Proceeding Book of 4th International Conference on Frontiers in Academic Research ICFAR 2024, Konya, Turkey,

13 - 14 December 2024, (Full Text)

- II. **Yongalevha üretim sürecinde insan güvenilirliği analizi için SPAR-H yöntemi uygulaması**
KÖSE Y., MURAT M., AYYILDIZ E.
3rd International Conference on Engineering, Natural and Social Sciences, Turkey, 16 - 17 May 2024, (Full Text)
- III. **Determination of cities' economic efficiencies by using Malmquist TFP: the case of Turkey**
İMAMOĞLU G., KÖSE Y., MURAT M.
12th International NCM Conference: New Challenges in Industrial Engineering and Operations Management, Ankara, Turkey, 11 - 12 September 2018, (Summary Text)
- IV. **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, (Full Text)
- V. **TÜRKİYE SÜPER LİGİNDE 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, (Summary Text)
- VI. **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, (Summary Text)
- VII. **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, (Full Text)

Metrics

Publication: 23

Citation (WoS): 170

Citation (Scopus): 199

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H-Index (Scopus): 6