

AHMET TOPAL

RES. ASST.

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAF-4831-2020

Yoksis Researcher ID: 312884

Learning Knowledge

Doctorate 2022 - Continues	Istanbul Technical University, Fen-Edebiyat, Matematik Mühendisliği, Turkey
Undergraduate 2016 - Continues	Yildiz Technical University, Faculty Of Electrical & Electronics, Computer Engineering, Turkey
Postgraduate 2019 - 2022	Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Mathematics Engineering, Turkey
Undergraduate 2014 - 2019	Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Mathematics Engineering, Turkey

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Rough Sets and Its Applications, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Mathematics Engineering, 2022

Academic Titles / Tasks

Research Assistant 2019 - Continues	Istanbul Technical University, Fen-Edebiyat, Matematik Mühendisliği
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Supported Projects

1. Uçan Y., Topal A., Güler Bayazıt N., Project Supported by Higher Education Institutions, Rough sets and its applications, 2020 - 2022

Awards

1. Topal A., Kimya-Metalurji Fakültesi Birinciliği, Yıldız Teknik Üniversitesi, June 2019
2. Topal A., Yıldız Teknik Üniversitesi Üçüncülüğü, Yıldız Teknik Üniversitesi, June 2019
3. Topal A., Matematik Mühendisliği Bölüm Birinciliği, Yıldız Teknik Üniversitesi, June 2019

Published journal articles indexed by SCI, SSCI, and AHCI

1. **A new method for obtaining the inconsistent elements in a decision table based on dominance principle**
Uçan Y., Topal A., Güler Bayazıt N.
Turkish Journal of Mathematics, vol.44, pp.561-568, 2020 (SCI-Expanded)

Articles Published in Other Journals

1. **Prediction of Compressive Strength Class of Concrete with Dominance Based Rough Set Approach**
Topal A., Güler Bayazıt N., Uçan Y.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.41, no.6, pp.1088-1095, 2023 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

1. **Investigation of Concrete Compressive Strength with Dominance Based Rough Set Approach**
Topal A., Güler Bayazıt N., Uçan Y.
22. Ulusal Mekanik Kongresi, Adana, Turkey, 6 - 08 September 2021, pp.415-423
2. **When does synthetic data generation work? Yapay örnek üretimi ne zaman işe yarar?**
Topal A., Amasyalı M. F.
29th IEEE Conference on Signal Processing and Communications Applications, SIU 2021, Virtual, Istanbul, Turkey, 9 - 11 June 2021
3. **A Comparative Study for Fuzzy Rough Approximation Algorithms on Datasets with Different Characteristics**
Topal A., Uçan Y.
3.International Conference on Mathematics: An Istanbul Meetings for World Mathematicians, İstanbul, Turkey, 3 - 05 July 2019, vol.1, pp.21

Metrics

Publication: 5

Citation (Scopus): 1

H-Index (Scopus): 1

Congress and Symposium Activities

22. National Congress on Mechanics, Attendee, Adana, Turkey, 2021
29. IEEE Conference on Signal Processing and Communications Applications, Attendee, İstanbul, Turkey, 2021
- 3.International Conference on Mathematics: An Istanbul Meetings for World Mathematicians, Session Moderator, İstanbul, Turkey, 2019
- International Conference on Mathematics: An Istanbul Meetings for World Mathematicians, Attendee, İstanbul, Turkey,

2019

Research Areas

Computer Vision, Pattern Recognition and Image Processing, Neural Networks, Mathematics, Computer Science, Natural Sciences, Engineering and Technology