

ALİ KÖSEOĞLU

ASST. PROF.

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International Researcher IDs

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Publons / Web Of Science ResearcherID: Z-1945-2018

ScopusID: 57212583362

Yoksis Researcher ID: 193557



Learning Knowledge

Doctorate 2018 - 2019	Gumushane University, Institute Of Science, Matematik, Turkey
Doctorate 2013 - 2018	Tokat Gaziosmanpaşa University, Graduate School Of Natural And Applied Sciences, Matematğin Temelleri Ve Matematik Lojik, Turkey
Postgraduate 2009 - 2011	University of Pittsburgh, Faculty Of Arts And Sciences, Computational Mathematics, United States Of America
Undergraduate 2003 - 2007	Ege University, Matematik Bölümü, Uygulamalı Matematik, Turkey

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Vocational Training, Eğitimcilerin Eğitimi, Recep Tayyip Erdoğan Üniversitesi, 2019

Project Management, Akademik Düzeyde Araştırma Projesi Hazırlama Eğitimi, Recep Tayyip Erdoğan Üniversitesi, 2017

Dissertations

Doctorate, Basitleştirilmiş Neutrosophic Çarpımsal Kümeler ve Karar Verme Metotları, Gumushane University, Fen Bilimleri Enstitüsü, Matematik, 2019

Postgraduate, THE NAVIER-STOKES VOIGHT MODEL AND CONVERGENCE TO EQUILIBRIUM AND STATISTICAL EQUILIBRIUM, University of Pittsburgh, Department Of Mathematics, Computational Mathematics, 2011

Academic Titles / Tasks

Assistant Professor

2024 - Continues

Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü

Research Assistant PhD

2019 - 2024

Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü

Research Assistant

2011 - 2019

Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü

Supported Projects

1. Köseoğlu A., İlhan Ö., Şahin N., Merdan H., Modanlı M., Ballı S., Aslan E., Öztürk Y., Dincer N. G., Anapalı A., TUBITAK Project, Uygulamalı MATLAB Eğitimi, 2022 - 2022

Scholarships

Ministry of Education, 2008 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Generalized correlation coefficients of intuitionistic multiplicative sets and their applications to pattern recognition and clustering analysis**
Köseoğlu A.
JOURNAL OF EXPERIMENTAL & THEORETICAL ARTIFICIAL INTELLIGENCE, vol.1, no.1, pp.1-32, 2024 (SCI-Expanded)
2. **Correlation coefficients of simplified neutrosophic multiplicative sets and their applications in clustering analysis**
KÖSEOĞLU A., Sahin R.
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING, vol.14, no.4, pp.3383-3404, 2023 (SCI-Expanded)
3. **A simplified neutrosophic multiplicative set-based TODIM using water-filling algorithm for the determination of weights**
Koseoglu A., ŞAHİN R., MERDAN M.
EXPERT SYSTEMS, vol.37, no.4, 2020 (SCI-Expanded)

Articles Published in Other Journals

1. **A comparative decision-making for electronic product purchases during a pandemic**
KÖSEOĞLU A.
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, pp.109-118, 2022 (Peer-Reviewed Journal)
2. **INTUITIONISTIC MULTIPLICATIVE SET APPROACH FOR GREEN SUPPLIER SELECTION PROBLEM USING TODIM METHOD**
Köseoğlu A.
Journal of Universal Mathematics, vol.5, no.2, pp.149-158, 2022 (Peer-Reviewed Journal)

3. **Subsethood measure for picture fuzzy sets and its applications on multicriteria decision making**
Köseoğlu A.
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.2, pp.385-394, 2022 (Peer-Reviewed Journal)
4. **On the Paranormed Binomial Sequence Spaces**
Bilgin Ellidokuzoğlu H., Demiriz S., Köseoğlu A.
Universal Journal of Mathematics and Applications, vol.1, no.3, pp.137-147, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

1. **A NEW APPROACH FOR SCORE FUNCTION ON Q-RUNG ORTHOPAIR FUZZY SETS**
Köseoğlu A.
9TH IFS AND CONTEMPORARY MATHEMATICS AND ENGINEERING CONFERENCE, Mersin, Turkey, 8 - 11 July 2023, pp.192-193
2. **Investigation of the Most Appropriate Plant Selections for Parking Areas in Urban Areas with Multi-Criteria Decision-Making Methods**
Bekiryazıcı F., Köseoğlu A., Bekiryazıcı Z.
8th International Asian Congress on Contemporary Sciences, Aksaray, Turkey, 5 - 07 May 2023, pp.317
3. **IMPROVED WEIGHED AGGREGATION OPERATORS ON PYTHAGOREAN FUZZY SETS**
KÖSEOĞLU A., ŞAHİN R.
8TH IFS AND CONTEMPORARY MATHEMATICS CONFERENCE, Mersin, Turkey, 16 June 2022
4. **MULTI CRITERIA DECISION MAKING ON FINANCIAL GROWTH STRATEGY**
KÖSEOĞLU A.
1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021), Erzurum, Turkey, 10 September 2021
5. **A Comparative Decision Making on Electronic Purchases During a Pandemic**
KÖSEOĞLU A.
International Conference on ENGINEERING and NATURAL SCIENCES, Gümüşhane, Turkey, 5 - 07 July 2021
6. **A Decision-Making Method on Manufacturing Systems with Intuitionistic Multiplicative Numbers**
KÖSEOĞLU A., ŞAHİN R.
International Conference on ENGINEERING and NATURAL SCIENCES, Gümüşhane, Turkey, 5 - 07 July 2021
7. **Tourism Management Application in Pythagorean Fuzzy Sets with COPRAS Method**
KÖSEOĞLU A.
7th International IFS and Contemporary Mathematics Conference, Mersin, Turkey, 25 - 29 May 2021
8. **An Approach to Evaluating Investment Opportunities in Intuitionistic Multiplicative Sets**
KÖSEOĞLU A., ŞAHİN R.
7th International IFS and Contemporary Mathematics Conference, Mersin, Turkey, 25 - 29 May 2021
9. **Sezgisel Çarpımsal Kümelerde Korelasyon Katsayıları Kullanılarak Finansal Ürün Seçimi**
KÖSEOĞLU A., Şahin R.
II. Uluslararası Sosyal Bilimler Kongresi, Gümüşhane, Turkey, 7 - 09 November 2019, pp.551-557
10. **Neutrosophic Benzerlik Ölçüsü Tabanlı Optimum Üretim Stratejisinin Belirlenmesi**
Aslan F., Şahin R., KÖSEOĞLU A.
II. Uluslararası Sosyal Bilimler Kongresi, Gümüşhane, Turkey, 7 - 09 November 2019, pp.659-664
11. **An Intuitionistic Multiplicative TOPSIS Method for a Supplier Selection Problem**
KÖSEOĞLU A., Şahin R.
3rd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 19 - 21 September 2019, no.25, pp.1076-1082
12. **A Medical Diagnosis Approach Using a Simplified Neutrosophic Multiplicative Distance Measure**
KÖSEOĞLU A., Şahin R.
International Conference on Mathematics "An Istanbul Meeting for World Mathematicians", İstanbul, Turkey, 3 - 06 July 2018, pp.41
13. **A Decision Making Method Using Simplified Neutrosophic Multiplicative Aggregation Operator**

KÖSEOĞLU A., Şahin R.

International Conference on Mathematics "An Istanbul Meeting for World Mathematicians", İstanbul, Turkey, 3 - 06 July 2018, pp.40

14. **Simplified Neutrosophic Multiplicative Similarity Measures and Their Application to Pattern Recognition Problems**

KÖSEOĞLU A., Şahin R.

International Conference on Applied Mathematics in Engineering, Balıkesir, Turkey, 27 - 29 June 2018, pp.133

15. **A Simplified Neutrosophic Multiplicative Set-Based Method for Multicriteria Decision Making**

KÖSEOĞLU A., Şahin R.

International Conference on Applied Mathematics in Engineering, Balıkesir, Turkey, 27 - 29 June 2018, pp.132

Other Publications

1. **The Navier-Stokes Voight model and convergence to equilibrium and statistical equilibrium**

Köseoğlu A.

Other, pp.1-67, 2011

Academic and Administrative Experience

2023 - Continues	Erasmus Program Department Coordinator	Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü
2014 - Continues	Mevlana Exchange Program Department Coordinator	Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü

Courses

Geometri, Undergraduate, 2023 - 2024

Kodlama ve Şifreleme, Undergraduate, 2022 - 2023

Matematik, Undergraduate, 2022 - 2023

Linear Algebra, Undergraduate, 2021 - 2022

Scientific Refereeing

INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS, Journal Indexed in SCI-E, September 2022

Gümüşhane Üniversitesi Fen Bilimleri Dergisi, Other Indexed Journal, September 2022

Journal of Engineering Technology and Applied Sciences, Other journals, December 2021

Metrics

Publication: 23

Citation (WoS): 13

Citation (Scopus): 15

H-Index (WoS): 2

H-Index (Scopus): 1

Congress and Symposium Activities

9th International IFS and Contemporary Mathematics Conference, Attendee, Mersin, Turkey, 2023

8th International Asian Congress on Contemporary Sciences, Attendee, Aksaray, Turkey, 2023

8th International IFS and Contemporary Mathematics Conference, Attendee, Mersin, Turkey, 2022

1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES, Attendee, Erzurum, Turkey, 2021

International Conference on ENGINEERING and NATURAL SCIENCES, Attendee, Gümüşhane, Turkey, 2021

7th International IFS and Contemporary Mathematics Conference, Attendee, Mersin, Turkey, 2021

II. Uluslar Arası Sosyal Bilimler Kongresi, Attendee, Gümüşhane, Turkey, 2019

INTERNATIONAL CONFERENCE ON ADVANCED ENGINEERING TECHNOLOGIES, Attendee, Bayburt, Turkey, 2019

International Conference on Mathematics "An Istanbul Meeting for World Mathematicians", Attendee, İstanbul, Turkey, 2018

International Conference on Applied Mathematics in Engineering, Attendee, Balıkesir, Turkey, 2018

Research Areas

Fuzzy Sets and Systems, Pattern Recognition and Image Processing, Decision Theory, Multi Criteria Decision Making, Decision Support Systems, Mathematics, Computer Science, Mathematical Logic and Foundations