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International Researcher IDs

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Publons / Web Of Science ResearcherID: B-7409-2016

ScopusID: 55626867800

Yoksis Researcher ID: 135065



Learning Knowledge

Doctorate
2012 - 2016

Akdeniz University, İktisadi İdari Bilimler Fakültesi, Ekonometri Bölümü, Turkey

Postgraduate
2001 - 2004

Nigde Omer Halisdemir University, Fen Edebiyat Fakültesi, Matematik Bölümü,
Turkey

Undergraduate
1990 - 1995

Inonu University, Fen Edebiyat Fakültesi, Matematik Bölümü, Turkey

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

IT, The scientific Academic Research Department, Web of Science Core Collection, 2020

Education Management and Planning, Tübitak (BİDEB) "2237-B Proje Eğitimi Etkinliklerini Destekleme Programı,
Tübitak, 2020

IT, MapInfo Pro, Başarsoft, 2018

Education Management and Planning, Uygulamalı Girişimcilik, AKGİM, 2016

Education Management and Planning, Avrupa Birliği Hibe Programına Proje Hazırlama Teknikleri, Antalya Valiliği, 2016

Education Management and Planning, 15. Uluslararası Ekonomi Yaz Seminerleri 2016 "Mekansal Ekonometri",
Pamukkale Üniversitesi, 2016

Education Management and Planning, WINBAGS Programı İle Bayesian Veri Analizi Çalıştayı, Akdeniz Üniversitesi, 2014

Dissertations

Doctorate, ANTALYA İLİ OTELLERİNİN KONAKLAMA FİYATLARINI ETKİLEYEN FAKTÖRLERİN MEKÂNSAL ANALİZİ, Akdeniz University, Institute of Social Sciences, Ekonometri, 2016

Postgraduate, VASSİLİEV İNVARYANTLARI, Nigde Omer Halisdemir University, Fen Bilimleri Enstitüsü, Matematik, 2004

Academic Titles / Tasks

Assistant Professor
2017 - Continues

Akdeniz University, Faculty of Science, Department of Mathematics

Lecturer
2012 - 2017

Akdeniz University, Faculty of Science, Department of Mathematics

Lecturer
2000 - 2011

Nigde Omer Halisdemir University, Fen Edebiyat Fakültesi, Matematik

Lecturer
1998 - 2000

Nigde Omer Halisdemir University, Çamardı Vocational School, Matematik

Supported Projects

1. Yalçın F., Bayır Y., Project Supported by Other Official Institutions, Batı Akdeniz Bölgesindeki Özel Ağaçlandırma çalışmalarının Mevcut Durumu ile Paydaşların Sorunlarının Araştırması, 2019 - 2023
2. YALÇIN F., Şimşek E., Project Supported by Higher Education Institutions, Çok Değişkenli İstatistiksel Metotlar Yardımıyla Veri Analizinin Değerlendirilmesi ve Bir Uygulama, 2020 - 2022
3. YALÇIN F., Karaca Ülkütanır Y., Project Supported by Higher Education Institutions, Zaman Serisi Regresyonunun Matematiksel Olarak İncelenmesi Modellerin Açıklanması ve Bunun Üzerine Bir Uygulama, 2020 - 2022
4. YALÇIN F., Çizmeci N., Project Supported by Higher Education Institutions, Açıklayıcı Faktör Analizi ve Kümeleme Analizi ile Matematik ve Geometri Tutum Ölçeği Üzerine Bir Çalışma, 2019 - 2020
5. YALÇIN M. G., ÖZER Ö., YALÇIN F., Nyamsari D. G., Project Supported by Higher Education Institutions, Sarısu ve Kemer Antalya arası plaj kumlarının ağır metal içerikleri, kökeni, mekansal analizi ve kirlilik endeksleri, 2018 - 2019
6. YALÇIN F., Çizmeci N., Tepe A. M., DOĞAN G., Project Supported by Higher Education Institutions, TÜRKİYE'NİN HAVA KALİTESİNİ ETKİLEYEN FAKTÖRLERİN AÇIKLAYICI MEKANSAL VERİ ANALİZİ İLE İNCELENMESİ, 2018 - 2019
7. KILIÇ S., CENGİZ M. F., YALÇIN F., YALÇIN M. G., KILIÇ M., Project Supported by Higher Education Institutions, Evaluation of heavy metal risk potential in Bogacayi River water Antalya Turkey, 2017 - 2017
8. YALÇIN M. G., YALÇIN F., KILIÇ S., KILIÇ M., Project Supported by Higher Education Institutions, Statistical Assessment of Heavy Metal Distribution and Contamination of Beach Sands of Antalya Turkey an Approach to the Multivariate Analysis Techniques, 2017 - 2017
9. MERT M., YALÇIN F., Project Supported by Higher Education Institutions, Antalya İli Otellerinin Konaklama Fiyatlarını Etkileyen Faktörlerin Mekansal Analizi, 2016 - 2016

Awards

1. YALÇIN F., Poster Sunum Birincilik Ödülü, Avrasya Sosyal ve Ekonomi Araştırmaları Dergisi, October 2017

Jury Memberships

Competition, Ulusal Antalya Matematik Olimpiyatı, Akdeniz Üniversitesi, April, 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- 1. Source identification of heavy metal contamination in beach sediments of the ancient city of Phaselis in Antalya, Türkiye**
ÖZER ATAKOĞLU Ö., BERBEROĞLU E., YALÇIN F., Gokaydin S., AKKÖPRÜ E., YALÇIN M. G.
International Journal of Sediment Research, vol.39, no.6, pp.942-959, 2024 (SCI-Expanded)
- 2. Data analysis of the Gumusler Dam Lake Reservoir soils using multivariate statistical methods (Nigde, Türkiye)**
Tumuklu A., Sunkari E. D., Yalçın F., Özer Atakoğlu Ö.
International Journal of Environmental Science and Technology, vol.20, no.5, pp.5391-5404, 2023 (SCI-Expanded)
- 3. Detection of adulteration using statistical methods over carbon isotope ratios in carob, grape, fig and mulberry pekmez**
Yücel P., Güçlü H., Mert Y., YALÇIN F., BİLGE OCAK S.
Journal of Food Composition and Analysis, vol.115, 2023 (SCI-Expanded)
- 4. Evaluation of the surface water and sediment quality in the Duger basin (Burdur, Turkey) using multivariate statistical analyses and identification of heavy metals**
Özer Atakoğlu Ö., Yalçın F.
Environmental Monitoring and Assessment, vol.194, no.7, 2022 (SCI-Expanded)
- 5. Formulas for characteristic function and moment generating functions of beta type distribution**
YALÇIN F., ŞİMŞEK Y.
REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS, vol.116, no.2, 2022 (SCI-Expanded)
- 6. Chemical and statistical characterization of beach sand sediments: implication for natural and anthropogenic origin and paleo-environment**
Yalçın M. G., Nyamsari D. G., Ozer Atakoglu Ö., Yalçin F.
International Journal of Environmental Science and Technology, vol.19, no.3, pp.1335-1356, 2022 (SCI-Expanded)
- 7. Data analysis of heavy metal content in riverwater: multivariate statistical analysis and inequality expressions**
LEVENTELİ Y., YALÇIN F.
JOURNAL OF INEQUALITIES AND APPLICATIONS, vol.2021, no.1, 2021 (SCI-Expanded)
- 8. Application of Multivariate Statistic and Pollution Index Techniques to Determine Beach Sand Element Distribution, East of Antalya City**
YALÇIN F.
FILOMAT, vol.32, no.2, pp.623-630, 2020 (SCI-Expanded)
- 9. Regression Analysis and Statistical Examination of Knoop Hardness on Abrasion Resistance in Lyca Beige Marbles**
Aydın B., Yalçın F., Özer Ö., Yalçın M. G.
Filomat, no.34, pp.609-614, 2020 (SCI-Expanded)
- 10. Data Analysis of Beach Sands' Chemical Analysis Using Multivariate Statistical Methods and Heavy Metal Distribution Maps: The Case of Moonlight Beach Sands, Kemer, Antalya, Turkey**
YALÇIN F.
SYMMETRY-BASEL, vol.12, no.9, 2020 (SCI-Expanded)
- 11. Investigation of the Effect of Hydrothermal Waters on Radionuclide Activity Concentrations in Natural Marble with Multivariate Statistical Analysis**
Yalçın F., Unal S., Yalçın M. G., Aktürk Ö., Bilge Ocak S., Özmen S. F.
SYMMETRY-BASEL, vol.12, no.8, 2020 (SCI-Expanded)

12. **Estimation of Natural Radionuclides' Concentration of the Plutonic Rocks in the Sakarya Zone, Turkey Using Multivariate Statistical Methods**
YALÇIN F., İLBEYLİ N., Demirbilek M., YALÇIN M. G., GÜNEŞ A., Kaygusuz A., ÖZMEN S. F.
SYMMETRY-BASEL, vol.12, no.6, 2020 (SCI-Expanded)
13. **A New Class of Symmetric Beta Type Distributions Constructed by Means of Symmetric Bernstein Type Basis Functions**
YALÇIN F., ŞİMŞEK Y.
SYMMETRY-BASEL, vol.12, no.5, 2020 (SCI-Expanded)
14. **Investigation of suitability of marbles to standards with inequality expressions and statistical approach using some physical and mechanical properties**
ÖZER ATAĞOĞLU Ö., YALÇIN F., Tarinc O. K., YALÇIN M. G.
JOURNAL OF INEQUALITIES AND APPLICATIONS, vol.2020, no.1, 2020 (SCI-Expanded)
15. **Parameter identification for gompertz and logistic dynamic equations**
Akin E., PELEN N. N., TİRYAKI İ. U., YALÇIN F.
PLOS ONE, vol.15, no.4, 2020 (SCI-Expanded)
16. **Regression Analysis and Statistical Examination of Knoop Hardness on Abrasion Resistance in Lyca Beige Marbles**
AYDIN B., YALÇIN F., ÖZER ATAĞOĞLU Ö., YALÇIN M. G.
FILOMAT, vol.34, no.2, pp.609-614, 2020 (SCI-Expanded)
17. **Application of Multivariate Statistic and Pollution Index Techniques to Determine Beach Sand Element Distribution, East of Antalya City**
YALÇIN F.
FILOMAT, vol.34, no.2, pp.623-630, 2020 (SCI-Expanded)
18. **Geomedical, ecological risk, and statistical assessment of hazardous elements in shore sediments of the Iskenderun Gulf, Eastern Mediterranean, Turkey**
YALÇIN M. G., Coşkun B., Nyamsari D. G., YALÇIN F.
ENVIRONMENTAL EARTH SCIENCES, vol.78, no.15, 2019 (SCI-Expanded)
19. **Natural radioactive risk assessment in top soil and possible health effect in Minim and Martap villages, Cameroon: Using radioactive risk index and statistical analysis**
Nyamsari D. G., Yalcin F., Mboh M. T., Alfred F. G., Yalcin M. G.
Kerntechnik, vol.84, no.2, pp.115-122, 2019 (SCI-Expanded)
20. **AN INVESTIGATION ABOUT HEAVY METAL POLLUTION OF DUDEN AND GOKSU STREAMS (ANTALYA, TURKEY)**
LEVENTELİ Y., YALÇIN F., KILIÇ M. A.
APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH, vol.17, no.2, pp.2423-2436, 2019 (SCI-Expanded)
21. **Evaluation of heavy metal risk potential in Bogacayi River water (Antalya, Turkey)**
CENGİZ M. F., Kilic S., YALÇIN F., Kilic M., YALÇIN M. G.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.189, no.6, 2017 (SCI-Expanded)
22. **Statistical Assessment of Heavy Metal Distribution and Contamination of Beach Sands of Antalya-Turkey: an Approach to the Multivariate Analysis Techniques**
YALÇIN F., Nyamsari D. G., Paksu E., YALÇIN M. G.
FILOMAT, vol.30, no.4, pp.945-952, 2016 (SCI-Expanded)
23. **Principal Component Analysis of Integrated Metal Concentrations of Bogacayi Riverbank Sediments in Turkey**
YALÇIN F., Kilic S., Nyamsari D. G., YALÇIN M. G., Kilic M.
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.25, no.2, pp.471-485, 2016 (SCI-Expanded)
24. **Multivariate Statistics and Heavy Metals Contamination in Beach Sediments from The Sakarya Canyon, Turkey**
YALÇIN M. G., SIMSEK G., BİLGE OCAK S., YALÇIN F., KALAYCI Y., Karaman M. E.
ASIAN JOURNAL OF CHEMISTRY, vol.25, no.4, pp.2059-2066, 2013 (SCI-Expanded)

Articles Published in Other Journals

1. **Investigation of Bauxite Module Classification Using Regression Analysis And Inequality Expressions Involving Them**
YALÇIN F.
Montes Taurus Journal of Pure and Applied Mathematics, vol.4, no.1, pp.142-148, 2022 (Peer-Reviewed Journal)
2. **Correction: Yalcin, F.; Simsek, Y. A New Class of Symmetric Beta Type Distributions Constructed by Means of Symmetric Bernstein Type Basis Functions.**
Yalçın F., Şimşek Y.
SYMMETRY, vol.12, no.2, pp.282, 2022 (ESCI)
3. **Multivariate Statistical Evaluation of Geochemical Properties of “Alanya Emperador Dark” Marbles**
Yazıcı İ., Yalçın M. G., Özer Atakoğlu Ö., Yalçın F.
Gazi University Journal of Science Section A: Engineering and Innovation, vol.8, no.3, pp.361-372, 2021 (Peer-Reviewed Journal)
4. **Evaluation of Student Attitudes Using Multivariate Statistical Analysis**
ÇİZMECİ N., Yalcin F.
Gazi University Journal of Science Part A: Engineering and Innovation, vol.8, no.4, pp.515-528, 2021 (Peer-Reviewed Journal)
5. **Spatial Regression Models for Explaining AQI Values in Cities of Turkey**
Yalçın F., Tepe A. M., Doğan G., Çizmecı N.
Kocaeli Journal of Science and Engineering, vol.4, pp.1-15, 2021 (Peer-Reviewed Journal)
6. **Çok Değişkenli İstatistiksel Analizler ile Akkaya Gölü Rezervuar Topraklarındaki Ağır Metallerin Veri Analizi**
YALÇIN F.
TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.9, no.1, pp.249-257, 2021 (Peer-Reviewed Journal)
7. **Data Analysis of Heavy Metals in Akkaya Lake Reservoir Soils Using Multivariate Statistical Analysis**
Yalçın F.
TURKISH JOURNAL OF AGRICULTURE, vol.9, pp.249-257, 2021 (Peer-Reviewed Journal)
8. **Investigation of Heavy Metal Content in Beach Sediments on the of Tasucu Bay (Mersin) with Geochemical and Multivariate Statistical Approaches**
Yalçın F., Jonathan M. P., Yalçın M. G., İlhan S., Leventeli Y.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.8, no.4, pp.1113-1125, 2020 (Peer-Reviewed Journal)
9. **Heavy Metal Pollution Index (HPI) in Surface Water Between Alakır Dam and Alakır Bridge, Antalya-Turkey**
LEVENTELİ Y., YALÇIN F.
Kahramanmaraş Sutcu Imam University Journal of Engineering Science, vol.22, pp.125-131, 2019 (Peer-Reviewed Journal)
10. **Heavy metal pollution index (HPI) in surface water between Alakir dam and Alakir bridge, Antalya-Turkey**
LEVENTELİ Y., YALÇIN F.
KSÜ Mühendislik Bilimleri Dergisi, vol.22, pp.125-131, 2019 (Peer-Reviewed Journal)
11. **Heavy Metal Pollution Index (HPI) in Surface Water Between Alakır Dam and Alakır Bridge, Antalya-Turkey**
LEVENTELİ Y., YALÇIN F.
KSÜ Mühendislik Bilimleri Dergisi, vol.22, pp.125-131, 2019 (Peer-Reviewed Journal)
12. **Statistical approach by factor and cluster analysis on origin of elements from the Hamit Plutonic (Turkey) rock samples**
YALÇIN F., Nyamsari D. G., İLBEYLİ N., Battaloğlu R.
BULLETIN OF THE MINERAL RESEARCH AND EXPLORATION, vol.160, pp.163-175, 2019 (ESCI)
13. **Determination of hedonic hotel room prices with spatial effect in Antalya**

YALÇIN F., MERT M.

ECONOMIA SOCIEDAD Y TERRITORIO, vol.18, no.58, pp.697-734, 2018 (ESCI)

14. **Determining the best model for estimation the monthly mean daily global solar radiation on a horizontal surface - A case study in Nigde, Turkey**

GÜNGÖR A., GOKCEK M., YALÇIN F., KOÇER A., YAKA İ. F., SARDOGAN G. T.

WORLD JOURNAL OF ENGINEERING, vol.12, no.3, pp.307-312, 2015 (ESCI)

Books & Book Chapters

1. **Çok Değişkenli İstatistiksel Metotlar Yardımıyla Veri Analizi ve Dikkat Edilmesi Gereken Hususlar**
Şimşek E., YALÇIN F.
in: Sosyal Bilimlerinde Güncel Tartışmalar 12, Meryem BULUT, Zeynel KARACAGİL, Editor, Bilgin Kültür Sanat Yayınları, İstanbul, pp.1571-1618, 2023
2. **Paris Pazarındaki Otel Konaklama Fiyatları İçin İnternet Tabanlı Veri Erişimi İle Mekânsal Hedonik Fiyat Modellemesi**
YALÇIN F., Mammadli P.
in: İktisadi ve İdari Bilimlerde Akademik Analiz ve Yorumlar, Ergül Nuray, Editor, Özgür Yayınları, İstanbul, pp.91-109, 2023

Refereed Congress / Symposium Publications in Proceedings

1. **Statistical Evaluation of Chemical Contents of Damlatas (Alanya/Antalya) Beach Sand**
Unal S., YALÇIN M. G., Atakoglu O. O., YALÇIN F.
International Conference of Numerical Analysis and Applied Mathematics 2022, ICNAAM 2022, Heraklion, Greece, 19 - 25 September 2022, vol.3094
2. **Mathematical Model Selection in Determining The Course of Infectious Diseases**
Gaygısız M., YALÇIN F.
The 6th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas (MICOPAM 2023), Paris, France, 23 - 27 August 2023
3. **Recent trends to the problem of heteroscedastity in regression Analysis**
YALÇIN F.
The 6th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas (MICOPAM 2023), Paris, France, 23 - 27 August 2023
4. **An Investigation On Last Square Method In Non-Linear Mathematical Models**
Çaylak M., YALÇIN F.
The 6th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas (MICOPAM 2023), Paris, France, 23 - 27 August 2023
5. **Factor analysis and assumptions from multivariate statistical methods**
YALÇIN F., Şimşek E.
THE 13th SYMPOSIUM ON GENERATING FUNCTIONS OF SPECIAL NUMBERS AND POLYNOMIALS AND THEIR APPLICATIONS DEDICATED TO PROFESSOR YILMAZ SIMSEK ON THE OCCASION OF HIS 60th ANNIVERSARY (GFSNP-2023)), Antalya, Turkey, 11 - 13 March 2023, pp.178-182
6. **FACTOR ANALYSIS OF BEACH SEDIMENT AT DAMLATAS BEACH (ALANYA, TÜRKİYE)**
Yalçın M. G., Ünal S., Özer Atakoğlu Ö., Yalçın F.
International Conference on Global Practice of Multidisciplinary Scientific Studies-III, Girne, Cyprus (Kktc), 15 - 17 November 2022, pp.1269-1274
7. **An Application on the Selection of Weight Matrices in Spatial Regression Models**
YALÇIN F.
The 5th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas

(MICOPAM 2022), Antalya, Turkey, 27 - 30 October 2022, pp.97-99

8. **An Application on Examining the Use of Regression Analysis in Time Series**
YALÇIN F., Karaca Ulkutanir Y.
The 5th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas
(MICOPAM 2022), Antalya, Turkey, 27 - 30 October 2022, pp.100-102
9. **FACTOR ANALYSIS OF BEACH SEDIMENT AT DAMLATAS BEACH (ALANYA, TURKEY)**
YALÇIN M. G., Ünal S., ÖZER ATAKOĞLU Ö., YALÇIN F.
III-International Conference on Global Practice of Multidisciplinary Scientific Studies, Girne, Cyprus (Kkctc), 15 - 17
November 2022, pp.1269-1274
10. **Burdur Döğer Havzası Yüzey Suyunun Ağır Metal İçeriklerinin Çok Değişkenli İstatistikle Kullanılarak İnsan Sağlığı Açısından Değerlendirilmesi**
Özer Atakoğlu Ö., Yalçın F.
74. Türkiye Jeoloji Kurultayı , Ankara, Turkey, 11 - 15 April 2022, pp.1
11. **Appraisal of Metal Accumulation in Beach Sand Using Contamination Indices and Multivariate Statistical Analysis**
ÖZER Ö., YALÇIN F., NYAMSARI D. G., YALÇIN M. G.
The 2nd Mediterranean International Conference of Pure Applied Mathematics and Related Areas, Paris, France, 28
- 31 August 2019, vol.1, pp.1-5
12. **Analysis of the Students' Attitudes Towards Math and Geometry Courses by Using Exploratory Factor Analysis**
Çizmeçi N., YALÇIN F.
The 2nd Mediterranean International Conference of Pure Applied Mathematics and Related Areas, Paris, France, 28 -
31 August 2019, pp.36-40
13. **Appraisal of Metal Accumulation in Beach Sand Using Contamination Indices and Multivariate Statistical Analysis**
ÖZER Ö., YALÇIN F., NYAMSARI D. G., YALÇIN M. G.
The 2nd Mediterranean International Conference of Pure Applied Mathematics and Related Areas, Paris, France, 28
- 31 August 2019, vol.1, pp.1-5
14. **Investigation of Air Quality Index by Spatial Data Analysis: a Case Study on Turkey**
YALÇIN F., TEPE A. M., DOĞAN G., ÇİZMECİ N.
The 2nd Mediterranean International Conference of Pure & Applied Mathematics and Related Areas, Paris, France,
28 - 31 August 2019, pp.23-27
15. **Investigation of Air Quality Index by Spatial Data Analysis: a Case Study on Turkey**
YALÇIN F., TEPE A. M., DOĞAN G., ÇİZMECİ N.
The 2nd Mediterranean International Conference of Pure & Applied Mathematics and Related Areas, Paris, France,
28 - 31 August 2019, pp.23-27
16. **Investigation of Air Quality Index by Spatial Data Analysis: a Case Study on Turkey**
YALÇIN F., TEPE A. M., DOĞAN G., ÇİZMECİ N.
The 2nd Mediterranean International Conference of Pure & Applied Mathematics and Related Areas, Paris, France,
28 - 31 August 2019, pp.23-27
17. **Contrasting Contamination Indices and Principal Component Analysis in Metal Elements Accumulation Study of Beach Sand on Kemer -Sarısu Coast Line, Antalya**
ÖZER Ö., YALÇIN F., Nyamsari D., YALÇIN M. G.
The 2nd Mediterranean International Conference of Pure & Applied Mathematics and Related Areas, Paris, France,
28 - 31 August 2019, pp.32-35
18. **Contrasting Contamination Indices and Principal Component Analysis in Metal Elements Accumulation Study of Beach Sand on Kemer -Sarısu Coast Line, Antalya**
ÖZER Ö., YALÇIN F., Nyamsari D., YALÇIN M. G.
The 2nd Mediterranean International Conference of Pure & Applied Mathematics and Related Areas, Paris, France,
28 - 31 August 2019, pp.32-35
19. **Spatial association local indicators (LISA) analysis of accommodation prices of hotels in Alanya**

YALÇIN F., MERT M.

International Symposium on Advanced Engineering Technologies, Kahramanmaraş, Turkey, 2 - 04 May 2019, pp.1501-1505

20. **Akçay köyü (Elmalı, Antalya) bölgesi mermerlerinin kimyasal özellikleri kullanılarak istatistiksel değerlendirilmesi**

Tarınç O. K., ÖZER Ö., YALÇIN F., YALÇIN M. G.

International Symposium on Advanced Engineering Technologies (ISADET 2019), Kahramanmaraş, Turkey, 2 - 04 May 2019, pp.1187-1191

21. **Heavy Metal Pollution Index (HPI) in Surface Water Between Alakır Dam and Alakır Bridge, Antalya-Turkey**

LEVENTELİ Y., YALÇIN F.

International Symposium on Advanced Engineering Technologies (ISADET), Kahramanmaraş, Turkey, 2 - 04 May 2019, pp.1452

22. **Determination of the effects of spatial distribution of hotel accommodation prices in Kemer region**
YALÇIN F., MERT M.

International Symposium on Advanced Engineering Technologies, Kahramanmaraş, Turkey, 2 - 04 May 2019, pp.1506-1511

23. **İstatistiksel analizde bazı parametrik testler için ampirik bir uygulama: akademik başarı değerlendirilmesi**

YALÇIN F., Ülkütanır Y., ÖZER Ö.

International Symposium on Advanced Engineering Technologies (ISADET 2019), Kahramanmaraş, Turkey, 2 - 04 May 2019, pp.1460-1464

24. **İstatistiksel Analizde Bazı Parametrik Testler İçin Ampirik Bir Uygulama: Akademik Başarı Değerlendirmesi**

YALÇIN F., ÜLKÜTANIR Y., ÖZER Ö.

International Symposium on Advanced Engineering Technologies, Kahramanmaraş, Turkey, 2 - 04 May 2019, pp.1446-1512

25. **Kız Kalesi (Mersin) Plaj Kumu Örneklerine Ait Elementel Sonuçların Hipotez Testleri**

ÖZDEMİR B., ÖZER Ö., YALÇIN F.

International Symposium on Advanced Engineering Technologies, Kahramanmaraş, Turkey, 2 - 04 May 2019, pp.1345-1349

26. **AKÇAY KÖYÜ (ELMALI, ANTALYA) BÖLGESİ MERMERLERİNİN KİMYASAL ÖZELLİKLERİ KULLANILARAK İSTATİSTİKSEL DEĞERLENDİRMESİ**

Tarınç O. K., ÖZER Ö., YALÇIN F., YALÇIN M. G.

International Symposium on Advanced Engineering Technologies, Kahramanmaraş, Turkey, 2 - 04 May 2019, pp.1333-1338

27. **AKÇAY KÖYÜ (ELMALI, ANTALYA) BÖLGESİ MERMERLERİNİN KİMYASAL ÖZELLİKLERİ KULLANILARAK İSTATİSTİKSEL DEĞERLENDİRMESİ**

Tarınç O. K., ÖZER Ö., YALÇIN F., YALÇIN M. G.

International Symposium on Advanced Engineering Technologies, Kahramanmaraş, Turkey, 2 - 04 May 2019, pp.1333-1338

28. **SPATIAL ASSOCIATION LOCAL INDICATORS (LISA) ANALYSIS OF ACCOMMODATION PRICES OF HOTELS IN ALANYA**

YALÇIN F., MERT M.

International Symposium on Advanced Engineering Technologies, Kahramanmaraş, Turkey, 2 - 04 May 2019, pp.1501-1505

29. **DETERMINATION OF THE EFFECTS OF SPATIAL DISTRIBUTION OF HOTEL ACCOMMODATION PRICES IN KEMER REGION**

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111. **BOĞAÇAYI(ANTALYA) HAVZASI(KORKUTELİ,KEMER VE KONYAALTI SAHİL ARASI) SU ÖRNEKLERİNE AİT As,Cr,Co,Mn,Ni içerikleri**
KILIÇ M., KILIÇ S., YALÇIN M. G., BATTALOĞLU R., YALÇIN F.
ESAN 2014 III. ESER ANALİZ ÇALIŞTAYI, Tokat, Turkey, 15 - 18 May 2014, pp.144
112. **Bogaçayı(Antalya) Havzası(Korkuteli, Kemer Ve Konyaaltı Sahil Arası) Su Örneklerine Ait As, Cr, Mn, Co, Ni İçerikleri**
KILIÇ S., YALÇIN M. G., KILIÇ M., YALÇIN F.
EsAn 2014 III. ESER ANALİZ ÇALIŞTAYI, Tokat, Turkey, 15 - 17 May 2014, pp.158
113. **Boğaçayı(Antalya) Havzası(Korkuteli, Kemer ve Konyaaltı sahil Arası) su Örneklerine ait As, Cr, Mn, co, Ni İçerikleri**
KILIÇ S., YALÇIN M. G., KILIÇ M., YALÇIN F., Battaloğlu R.
EsAn 2014 III. ESER ANALİZ ÇALIŞTAYI, Tokat, Turkey, 15 - 18 May 2014, pp.144
114. **Genetic Features of Gümüşler (Niğde, Turkey) Polymetallic Antimony-Mercury Mineralization**
Yalçın M. G., İLBEYLİ N., Yaman S., Yalçın F.
30th International Conference on Alkaline, Kimberlite and Carbonatite Magmatism, Moskova, Russia, 16 - 17 September 2013, pp.61
115. **Genetic Features of Gümüşler (Niğde, Turkey) Polymetallic Antimony-Mercury Mineralization**
YALÇIN M. G., İLBEYLİ N., yaman s., YALÇIN F.
30th International Conference on Alkaline, Kimberlite and Carbonatite Magmatism, Moskova, Russia, 16 - 17 September 2013, pp.61-62
116. **Statistical Approach and Heavy Metal Analyses of Konyaalti (Antalya, Turkey) Coast Water**
YALÇIN F., YALÇIN M. G., KILIÇ S.
Goldschmidt 2013, Floransa, Italy, 25 - 30 August 2013, vol.77, no.5, pp.1459
117. **An application of multivariate statistical analysis using SAS programme to identify heavy metal sources between Cebeci (Kocaeli)-Eregli (Zonguldak), Turkey**
YALÇIN F., Kaya E., İLBEYLİ N.
Goldschmidt2013, Florensa, Italy, 25 - 30 August 2013, pp.2537
118. **Statistical Approach and Heavy Metal Analyses of Konyaalti (Antalya, Turkey) Coast Water**
KILIÇ S., YALÇIN F., YALÇIN M. G.
Goldschmidt 2013, Florensa, Italy, 25 - 30 August 2013, vol.77, no.5, pp.1459
119. **An Application Of Multivariate Statistical Analysis Using Sas Programme To Identify Heavy Metal Sources Between Cebeci (Kocaeli)-Eregli (Zonguldak), Turkey**
YALÇIN F., KAYA BAŞAR E., İLBEYLİ N.
Goldschmidt 2013, Floransa, Italy, 25 - 30 August 2013, vol.77, no.5, pp.2537
120. **Field, petrographic and geochemical characteristics of the alkaline magmatism in central Anatolia (Turkey)**
YALÇIN M. G., İLBEYLİ N., PEARCE J. A., YALÇIN F.
XXIX International Conference "Ore potential of alkaline and carbonatite magmatism, Sudak, Ukraine, 14 - 21 September 2012, pp.124-125

Academic and Administrative Experience

2024 - Continues	Vice Dean	Akdeniz University, Faculty Of Science
2020 - 2023	Deputy Head of Department	Akdeniz University, Faculty Of Science, Matematik

Courses

MEKANSAL VERİ İLE MATEMATİKSEL MODELLEME, Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021
BİTİRME ÇALIŞMASI I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2017 - 2018
UYGULAMALI ÇOK DEĞİŞKENLİ VERİ ANALİZİ, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
İSTATİSTİK, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
BİTİRME ÇALIŞMASI II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Çok Değişkenli Veri Analizi, Postgraduate, 2022 - 2023, 2021 - 2022, 2017 - 2018
MATEMATİK II, Undergraduate, 2020 - 2021
MATEMATİK II, Undergraduate, 2020 - 2021
Matematik I, Undergraduate, 2020 - 2021
Matematik İstatistik, Undergraduate, 2020 - 2021, 2017 - 2018
Mekansal Veri Analizi, Doctorate, 2017 - 2018
Diferansiyel Denklemler, Undergraduate, 2017 - 2018
Matematik I, Undergraduate, 2017 - 2018
Matematik I(Jeoloji B.), Undergraduate, 2016 - 2017
Matematik I(ÇEKO), Undergraduate, 2016 - 2017, 2012 - 2013
Lineer Cebir ve Vektör Analizi (Jeoloji B.), Undergraduate, 2016 - 2017
Matematik I (İktisat B.), Undergraduate, 2016 - 2017, 2012 - 2013
Matematik II (ÇEKO), Undergraduate, 2016 - 2017, 2013 - 2014, 2012 - 2013
Diferansiyel Denklemler (jeoloji B.), Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
Matematik II (İktisat B.), Undergraduate, 2016 - 2017
Matematik I (İktisat B.), Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
Matematik II (İktisat B.), Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
Diferansiyel Denklemler (UBT), Undergraduate, 2015 - 2016, 2014 - 2015
Biyologlar için Matematik, Undergraduate, 2014 - 2015
Matematik I (Su Ürn.), Undergraduate, 2013 - 2014
Matematik I (Ziraat F. Şube 3), Undergraduate, 2013 - 2014
Matematik I (Ziraat F. Şube 2), Undergraduate, 2013 - 2014, 2012 - 2013
Matematik I (Ziraat F. Şube 3), Undergraduate, 2013 - 2014, 2012 - 2013
Matematik I (Ziraat F. Şube 2), Undergraduate, 2013 - 2014
Matematik I (Ziraat F. Şube 1), Undergraduate, 2013 - 2014, 2012 - 2013
Matematik II (Ziraat F. Şube 3), Undergraduate, 2012 - 2013
Matematik I (ÇEKO II. Öğrt.), Undergraduate, 2012 - 2013
Matematik I (Maliye), Undergraduate, 2012 - 2013
Matematik I (İşletme B. Şube 2), Undergraduate, 2012 - 2013
Matematik I (Su Ürn.), Undergraduate, 2012 - 2013
Matematik I, Undergraduate, 2012 - 2013
Matematik II (İşletme Şube 2), Undergraduate, 2012 - 2013
Matematik II(Ziraat F. Şube 2), Undergraduate, 2012 - 2013
Matematik I (İşletme B. Şube 1), Undergraduate, 2012 - 2013
Matematik II (İşletme Şube 1), Undergraduate, 2012 - 2013

Advising Theses

- Yalçın F., Bulaşıcı hastalıkların seyri için verilen matematiksel modellerin analizi, Postgraduate, M.GAYGISIZ(Student), 2023
- Yalçın F., ÇOK DEĞİŞKENLİ İSTATİSTİKSEL METOTLAR YARDIMIYLA VERİ ANALİZİNİN DEĞERLENDİRİLMESİ VE BİR UYGULAMA, Postgraduate, E.ŞİMŞEK(Student), 2022
- Yalçın F., MEKÂNSAL LİNEER MODELLERİN MATEMATİKSEL YAPISININ İNCELENMESİ VE FİYAT MODELLEMESİ ÜZERİNE BİR UYGULAMA, Postgraduate, P.MAMMADLI(Student), 2022
- Yalçın F., ZAMAN SERİSİ REGRESYONU'NUN MATEMATİKSEL OLARAK İNCELENMESİ, MODELLERİN AÇIKLANMASI VE BUNUN ÜZERİNE BİR UYGULAMA, Postgraduate, Y.KARACA(Student), 2022
- YALÇIN F., Açıklayıcı Faktör Analizi ve Kümeleme Analizi ile Matematik ve Geometri Tutum Ölçeği Üzerine Bir Çalışma, Postgraduate, N.Çizmeçi(Student), 2019

Scientific Refereeing

- Gazi University Journal of Science Part A: Engineering and Innovation , Other Indexed Journal, March 2020
- Sakarya University Journal of Science, Other Indexed Journal, December 2017
- International Journal of Engineering & Applied Sciences, Other Indexed Journal, December 2017

Metrics

- Publication: 165
- Citation (WoS): 316
- Citation (Scopus): 342
- H-Index (WoS): 11
- H-Index (Scopus): 11

Congress and Symposium Activities

- The 2nd Mediterranean International Conference of Pure & Applied Mathematics and Related Areas, Attendee, Evry, France, 2019
- International Symposium on Advanced Engineering Technologies (ISADET), Attendee, Kahramanmaraş, Turkey, 2019
72. Türkiye Jeoloji Kurultayı, Attendee, Ankara, Turkey, 2019
- The Mediterranean International Conference of Pure&Applied Mathematics and Related Areas, Attendee, Antalya, Turkey, 2018
- 16TH INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS, Attendee, Rodos, Greece, 2018
- 4th International Conference on Pollution Control & Sustainable Environment, Attendee, Rome, Italy, 2018
- 9th International Symposium on Eastern Mediterranean Geology, Attendee, Turkey, 2018
- SADAB-Uluslararası Sosyal Araştırmalar ve Davranış Bilimleri Sempozyumu, Attendee, Antalya, Turkey, 2018
- I. Uluslararası Mardin Kültür ve Medeniyet Kongresi, Attendee, Mardin, Turkey, 2017
- ASEAD II. Uluslararası Sosyal Bilimler Sempozyumu, Attendee, Antalya, Turkey, 2017
7. International Conference on Medical Geology, Attendee, Moskva, Russia, 2017
- International Multidisciplinary Scientific GeoConference (SGEM 2016), Attendee, Varna, Bulgaria, 2016
- 2.Tıbbi Jeoloji Sempozyumu (Uluslararası Katılımlı), Attendee, Konya, Turkey, 2015
28. Ulusal Matematik Sempozyumu, Attendee, Antalya, Turkey, 2015
- Goldschmidt 2015, Attendee, Praha, Czech Republic, 2015
- ICJMS'2015 - The 28th International Conference of The Jangjeon Mathematical Society, Attendee, Antalya, Turkey, 2015

SOLARTR 2014 Conference & Exhibition, Attendee, İzmir, Turkey, 2014

V. International Symposium "Interactions between biogenic and abiogenic components in natural and anthropogenic systems, Attendee, St. Petersburg, Russia, 2014

30th Ore potential of alkaline, kimberlite and carbonatite magmatism, Attendee, antalya, Turkey, 2014

EsAn 2014 III. Eser Analiz Çalıştayı, Attendee, Tokat, Turkey, 2014

II. Tibbi Jeoloji Çalıştayı, Attendee, Antalya, Turkey, 2013

29th International Conference on Alkaline, Kimberlite and Carbonatite Magmatism, Attendee, Moskova, Russia, 2013

Goldschmith2013 Conferance, Attendee, Floransa, Italy, 2013

XXIX International Conferance "Ore potential of Alkaline, kimberlite and carbonatite magmatism-2012, Attendee, Sudak, Ukraine, 2012

Research Areas

Mathematics, General Mathematics, Statistics, Natural Sciences