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Education Information

Doctorate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği/ Yerfiziği A.B.D., Turkey 2012 - 2018

Postgraduate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği, Turkey Continues

Undergraduate, Suleyman Demirel University, Mühendislik-Mimarlık Fakültesi, Jeofizik Mühendisliği, Turkey Continues

Dissertations

Doctorate, GÜNEYBATI ANADOLU'NUN ISIL YAPISI VE EGE HELLENİK YAYI İLE İLİŞKİSİ , Suleyman Demirel University, Mühendislik Fakültesi, Jeofizik Mühendisliği/ Yerfiziği A.B.D., 2018

Research Areas

Geophysical Engineering, Ground Physics, Space Magnetism, Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Suleyman Demirel University, Mühendislik Fakültesi, Jeofizik Mühendisliği, 2011 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An investigation on the structures and the basement depth estimation in the western Anatolia, Turkey using aeromagnetic data**
ERBEK E.
GEOSCIENCES JOURNAL, 2021 (Journal Indexed in SCI)
- II. **Crustal thickness in the Black Sea and surrounding region, estimated from the gravity data**
BİLİM F., Aydemir A., ATEŞ A., DOLMAZ M. N., KOŞAROĞLU S., ERBEK E.
MARINE AND PETROLEUM GEOLOGY, vol.123, 2021 (Journal Indexed in SCI)
- III. **Investigation of the thermal structure and radiogenic heat production through aeromagnetic data for the southeastern Aegean Sea and western part of Turkey**
ERBEK E., DOLMAZ M. N.
GEOTHERMICS, vol.81, pp.113-122, 2019 (Journal Indexed in SCI)
- IV. **In situ measurements of radionuclide concentrations in south of Mugla city, Turkey**
ERBEK E., DOLMAZ M. N.
ENVIRONMENTAL EARTH SCIENCES, vol.77, no.10, 2018 (Journal Indexed in SCI)
- V. **Geophysical researches (gravity and magnetic) of the Eratosthenes Seamount in the eastern**

Mediterranean Sea

ERBEK E., DOLMAZ M. N.

ACTA GEOPHYSICA, vol.62, no.4, pp.762-784, 2014 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **ORTA ANADOLU BÖLGESİ ATMOSFER-KABUK ARA YÜZEYİ KABUK YOĞUNLUĞUNUN FRAKTAL BOYUTLAR İLE BELİRLENMESİ**
ERBEK E., ÖKSÜM E., DOLMAZ M. N.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.8, no.3, pp.703-711, 2020 (Refereed Journals of Other Institutions)
- II. **Çumra- Konya Bölgesindeki Yüksek Genlikli Gravite Anomalilerine Neden Olan Yapıların Araştırılması**
ERBEK E., DOLMAZ M. N.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.3, pp.1000-1005, 2019 (Refereed Journals of Other Institutions)
- III. **COMPARATIVE STUDY ON EDGE DETECTION METHODS FOR NORTHWEST OF IRAN**
ERBEK E., DOLMAZ M. N. , RANJITEKANTEPEH S.
The Online Journal of Science and Technology, vol.9, no.4, pp.238-243, 2019 (Refereed Journals of Other Institutions)
- IV. **The nature and origin of magnetic anomalies over the Gölcük caldera, Isparta, South-Western Turkey.**
DOLMAZ M. N. , ÖKSÜM E., ERBEK E., TÜTÜNSATAR H. E. , ELİTOK Ö.
Geofizicheskiy Zhurnal, 2018 (Refereed Journals of Other Institutions)
- V. **The nature and origin of magnetic anomalies over the Golcuk caldera, Isparta, South-Western Turkey**
DOLMAZ M. N. , ÖKSÜM E., ERBEK E., TUTUNSATAR H. E. , ELİTOK Ö.
GEOFİZİKESKİY ZHURNAL-GEOPHYSICAL JOURNAL, vol.40, no.3, pp.145-156, 2018 (Journal Indexed in ESCI)
- VI. **KUZEYBATI İRAN İÇİN YAPI SINIRI ANALİZİ UYGULAMALARI**
RANJITEKANTEPEH S., ERBEK E., DOLMAZ M. N.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.5, no.3, pp.533-536, 2017 (Refereed Journals of Other Institutions)
- VII. **BODRUM- ÖREN -AKYAKA SAHİL ŞERİDİNDE TORYUM KONSANTRASYON DAĞILIMININ İNCELENMESİ**
ERBEK E., DOLMAZ M. N.
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- VIII. **Bodrum- Ören -Akyaka Sahil Şeridinde Toryum Konsantrasyon Dağılımının İncelenmesi**
ERBEK E., DOLMAZ M. N.
Journal of Engineering Sciences and Design, vol.5, no.3, pp.489-493, 2017 (Refereed Journals of Other Institutions)
- IX. **Kuzeybatı İran İçin Yapı Sınırı Analizi Uygulamaları**
RANJITEKANTEPEH S., ERBEK E., DOLMAZ M. N.
Journal of Engineering Sciences and Design, vol.5, no.3, pp.533-536, 2017 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Determination of the thermal structure using aeromagnetic data for the Aegean Region, Turkey**
DOLMAZ M. N. , ERBEK E.
International Conferences on Science and Technology, ICONST 2019, Prizren, Serbia, 26 - 30 August 2019, vol.2019, pp.484-489
- II. **Estimation of the Optimum Bouguer Correction Density for the Gravity Anomalies of Southwest Turkey**
DOLMAZ M. N. , ÖKSÜM E., ERBEK E.
International Congress of Science, Education and Technology Research, Odesa, Ukraine, 10 August 2017 - 12

August 2018, pp.168-172

- III. **The Optimum Bouguer Correction Density For The Northwest Of Iran Obtained By The Fractal Dimensions.**
DOLMAZ M. N. , ERBEK E., ÖKSÜM E., RANJITEKANTEPEH S.
V. International Multidisciplinary Congress of Eurasia, Barcelona, Spain, 24 - 26 July 2018, pp.610-611
- IV. **A STUDY ON DETERMINATION OF THE CRUSTAL DENSITY OF THE ATMOSPHERE-CRUST INTERFACE FOR THE CENTRAL ANATOLIA BY USING THE FRACTAL DIMENSIONS**
DOLMAZ M. N. , ÖKSÜM E., ERBEK E.
4th International Conference on Engineering and Natural Sciences (ICENS), Kiev, Ukraine, 2 - 06 May 2018, pp.100
- V. **DISTRIBUTION OF MAGNETIC SUSCEPTIBILITY IN THE BODRUM PENINSULA AND ITS VICINITY, TURKEY**
ERBEK E., ÖKSÜM E., DOLMAZ M. N.
4th International Conference on Engineering and Natural Sciences (ICENS), Kiev, Ukraine, 2 - 06 May 2018, pp.101
- VI. **Urmia Gölü ve Çevresinin (KB İran) Manyetik Anomalileri**
Ranjitekantapeh S., ERBEK E., DOLMAZ M. N.
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- VII. **Heat Flow And Distribution Of B - Values In Aegean Sea**
ERBEK E., KALYONCUOĞLU Ü. Y. , DOLMAZ M. N.
3RD International Conference on Engineering and Natural Sciences (ICENS), Budapest, Hungary, 3 - 07 May 2017, pp.610
- VIII. **A Suggested Magnetic Anomaly Model Of The Trachytic Dome In SW Of The Golcuk Crater Lake, Isparta, Turkey**
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3RD International Conference on Engineering and Natural Sciences (ICENS), Budapest, Hungary, 3 - 07 May 2017, pp.536
- IX. **Correlation Of Thermal Structure And Vp Velocities Of The Aegean Region**
ERBEK E., DOLMAZ M. N.
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- X. **Investigation Magnetic Susceptibility of Akyaka Ören Bodrum Turkey**
ERBEK E., DOLMAZ M. N.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, vol.1, pp.1723
- XI. **Investigation Magnetic susceptibility of Akyaka Oren Bodrum Turkey**
ERBEK E., DOLMAZ M. N.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016
- XII. **Radiogenic Heat Production RHP of Bodrum Peninsula and Its Vicinity SW Turkey**
ERBEK E., TÜTÜNSATAR H. E. , DOLMAZ M. N.
7TH INTERNATIONAL GEOSCIENCES STUDENT CONFERENCE, Katowice, Poland, 11 - 14 July 2016
- XIII. **Boundary analysis applications for the magnetic anomalies of the Black Sea**
TÜTÜNSATAR H. E. , ERBEK E., DOLMAZ M. N.
7TH INTERNATIONAL GEOSCIENCES STUDENT CONFERENCE, Katowice, Poland, 11 - 14 July 2016
- XIV. **INTERPRETATION OF MAGNETIC DATA OF THE BLACK SEA USING ANALYTIC SIGNAL METHODS**
TÜTÜNSATAR H. E. , ERBEK E., DOLMAZ M. N.
31st IUGGConference on Mathematical Geophysics, Paris, France, 6 - 10 June 2016
- XV. **Preliminary Results Of Gamma Ray Measurements In Bodrum Peninsula SW Turkey**
ERBEK E., TÜTÜNSATAR H. E. , DOLMAZ M. N.
31st IUGGConference on Mathematical Geophysics, Paris, France, 6 - 10 June 2016
- XVI. **GEOTHERMAL INVESTIGATIONS IN SANDIKLI AFYON CITY SW TURKEY**
Şahin b., DOLMAZ M. N. , TÜTÜNSATAR H. E. , ERBEK E.
International Conference on Engineering and Natural Sciences (ICENS) 2016, Sarajevo, Bosnia And Herzegovina,

24 - 28 May 2016, pp.131

XVII. Geothermal investigations in Sandıklı Afyon city SW Turkey

ŞAHİN B., DOLMAZ M. N. , TÜTÜNSATAR H. E. , ERBEK E.

International Conference on Engineering and Natural Sciences, Saraybosna, Bosnia And Herzegovina, 24 - 28 May 2016, vol.2016, pp.131

XVIII. Gravity and magnetic studies in Aegean Sea

ERBEK E., DOLMAZ M. N.

6th International Geosciences Student Conference, Czech Republic, 13 - 16 July 2015

XIX. Ege Denizi Volkanik Yayının Jeofizik İzleri

ERBEK E., DOLMAZ M. N.

GYK Genç Yerbilimleri Kongresi, Turkey, 5 - 07 June 2015

XX. Edge detection applications of magnetic anomalies of Gölcük caldera

DOLMAZ M. N. , ERBEK E., TÜTÜNSATAR H. E. , ÖKSÜM E.

ICENS International Conference On Engineering And Natural Science, Macedonia, 15 - 19 May 2015

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DOLMAZ M. N. , ERBEK E., ÖKSÜM E., TÜTÜNSATAR H. E.

1st International Conference on Engineering and Natural Sciences (ICENS), Üsküp, Macedonia, 15 - 19 May 2015, vol.1, pp.51

XXII. Applications of HGAS and NSTD methods on the magnetic anomaly of Eratosthenes Seamount the Eastern Mediterranean

ERBEK E., DOLMAZ M. N.

4th International Geosciences Student Conference, Berlin, Germany, 25 - 29 April 2013

Citations

Total Citations (WOS):6

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