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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABA-9886-2020

ScopusID: 57234342800

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Education Information

Doctorate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2017 - 2024

Postgraduate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2014 - 2017

Foreign Languages

English, C2 Mastery

Dissertations

Postgraduate, Çobanisa (İsparta) yöresine ait rezidüel oluşumlardaki nadir toprak element potansiyelinin belirlenmesi, İstanbul Technical University, Fen Bilimleri Enstitüsü, 2016

Research Areas

Geological Engineering, Ore Deposits-Geochemistry, Energy Resources, Mineral Deposits, Raw Materials, Mineral Exploration Geology, Metallic Mineral Deposits

Academic Titles / Tasks

Research Assistant, İstanbul Technical University, Maden, Jeoloji Mühendisliği, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Rare earth elements (REEs) investigation of fly ash placers in southwestern Taurides: footprints of alkaline potassic Gölcük volcanism, Turkey
Ünlüer A. T., Döner Z., Kaya M., Kocatürk H., Khalil A. A. A., Kumral M., Budakoğlu M., Kirikoğlu M. S.

- Geosciences Journal, vol.27, no.4, pp.455-478, 2023 (SCI-Expanded)
- II. **The Evolution of the REE-Bearing Özvatan Nepheline-Syenite-Carbonatite Complex, Central Turkey: Mineralogical, Geochemical, and Stable Isotopic Approaches**
Ünlüer A. T., Budakoglu M., Doner Z., Abdelnasser A. A. A.
Minerals, vol.13, no.5, 2023 (SCI-Expanded)
- III. **The Soma polymetallic hydrothermal Pb-Zn-Cu(\pm Mo \pm Ag \pm Au) mineralizations in the south of Biga Peninsula, NW Turkey: constraints from mineralogy, geochemistry, and fluid inclusion data**
Kumral M., Kabiru M., Aydogan M. S., Kocaturk H., Ünlüer A. T.
ARABIAN JOURNAL OF GEOSCIENCES, vol.15, no.12, pp.1-23, 2022 (SCI-Expanded)
- IV. **Qualitative barometry of high P/T rocks with field based NIR spectroscopy of white mica**
Bradley T. W., Ustunisik G. K., Duke E. F., Ünlüer A. T., Yıldırım D., Flores K. E.
Lithos, vol.408-409, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Uranium Potentiality of Coal Occurrences in Dinar (Afyonkarahisar, western Turkey) region: Geologic Factors Controlling the Accumulation of the Uranium**
Soylu A., Döner Z., Ünlüer A. T., Fişne A., Kumral M.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.22, no.5, pp.1176-1183, 2022 (Peer-Reviewed Journal)
- II. **Strategic Element Enrichments in Hallaçlar Volcanites (Bayramiç, Çanakkale)**
YILDIRIM D., DÖNER Z., ÜNLÜER A. T.
Afyon Kocatepe Üniversitesi Fen Ve Muhendislik Bilimleri Dergisi, vol.22, 2022 (Peer-Reviewed Journal)
- III. **Constraints on unconsolidated pyroclastic flow sediments related REE enrichments originated from potassic-alkaline Golcuk stratovolcano: Daridere-Direkli-Yakaoren (DDY) table 4deposits, southwestern Anatolia of Turkey**
Budakoğlu M., Ünlüer A. T., Döner Z., Kocatürk H., Kaya M., Kumral M., Kırıkoğlu M. S.
ACTA GEOCHIMICA, vol.40, no.6, pp.926-944, 2021 (ESCI)
- IV. **GEOLOGY AND GEOCHEMISTRY OF BARITE-BEARING Zn-Pb MINERALIZATION RELATED TO CARBONATE ROCKS IN THE ALADAĞ UNIT (ÇAYARASI-ALANYA)**
Gümüş L., Kumral M., Yalçın C., Kaya M., Ünlüer A. T., Öztürk S., Karaman M.
Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.7, no.3, pp.1209-1213, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **The Mode of Occurrence of Vanadium (V) in Sinanpaşa coal (Afyonkarahisar, Türkiye)**
SÜTÇÜ N. M., KUMRAL M., ÜNLÜER A. T., DÖNER Z.
2023 International Pittsburgh Coal Conference, İstanbul, Turkey, 4 - 06 October 2023
- II. **Depositional Environment Modeling and Hydrocarbon Source Rock Characterization of Paleocene-Lower Eocene Lacustrine Mudstones: Example of Northeast Bilecik Area, Türkiye**
GENÇ B., ERBİL K., DÖNER Z., ÜNLÜER A. T., KUMRAL M.
Sedimentology Working Group Workshop (SCG2023), İstanbul, Turkey, 7 - 10 September 2023
- III. **Understanding Magma Nature of Post-Collisional Alkaline Granites Around Uludag (NW, Turkiye): Implications for New Geodynamic Scenarios**
KOCATÜRK H., KUMRAL M., ÜNLÜER A. T., KAYA M., SÜTÇÜ N. M., DÖNER Z., SENDİR H., KHALIL A. A. A.
EGU General Assembly 2023, VİYANA, Austria, 23 - 28 April 2023, pp.14762
- IV. **The Alteration Chemistry of a Multi-Stage Volcanic Hosted Epithermal Gold Mineralization; Kısacık Case (Biga Metallogenic Province of NW, Turkey)**

- BAKKALBAŞI A. E., DÖNER Z., BAYRAM H. N., ÜNLÜER A. T., KUMRAL M.
EGU General Assembly, Viyana, Austria, 23 - 28 April 2023
- V. **Vanadium Potentiality of Late Silurian-Early Devonian Black Shales in Northwestern Black Sea Region, Turkey**
SÜTÇÜ N. M., DÖNER Z., ÜNLÜER A. T., KUMRAL M.
EGU General Assembly, Viyana, Austria, 23 - 28 April 2023
- VI. **The Stable Isotopes and Geochemical Investigation of Ozvatan Carbonatites (Central Anatolia, Turkey)**
ÜNLÜER A. T., BUDAKOĞLU M., BAKKALBAŞI A. E., DÖNER Z., KOCATÜRK H.
EGU General Assembly, Viyana, Austria, 23 - 28 April 2023
- VII. **Geochemistry of Suture Zone Granitoids Around Uludag (NW Turkiye): Insights into Cenozoic Tectono-Magmatic Evolution of Western Anatolia**
KOCATÜRK H., KUMRAL M., Lecumberri-Sanchez P., SENDİR H., KAYA M., KAYA B., ÜNLÜER A. T., DÖNER Z., KHALIL A. A. A.
9th Geochemistry Symposium, Aydin, Turkey, 17 October 2022
- VIII. **REE-Th-U Enrichments in alkali-potassic rocks in Kestanbol Granitoid Complex (Ezine-Çanakkale, Turkey): Revealing the factors that cause mineralizations**
DÖNER Z., ÜNLÜER A. T., ÖZDAMAR Ş., SARIKAYA O., KAYA M., KOCATÜRK H., KUMRAL M., ESENLİ R. F.
9th Geochemistry Symposium, Aydin, Turkey, 17 October 2022
- IX. **An Unusual HREE-Th-U Rich Beforsitic Carbonatite Intrusion and Related Fenite Zones (Ayvacık-Çanakkale, Turkey): Preliminary Results from Mineralogy and Geochemistry**
ÜNLÜER A. T., DÖNER Z., ÖZTÜRK S., KAMACI Ö., KAYA M., ÜNAL A., KUMRAL M.
9th Geochemistry Symposium, Aydin, Turkey, 17 October 2022
- X. **Assessment of Unconventional Fossil Fuel Systems (Oil Shale vs. Shale Gas) based on Organic Geochemical Methods: An example from the Eocene (in central Anatolia of Turkey) and Silurian (in western Pontides of Turkey) source rocks**
DÖNER Z., GENÇ B., ERBİL K., ÜNLÜER A. T., KUMRAL M.
9th Geochemistry Symposium, Aydin, Turkey, 17 October 2022
- XI. **Arikli İgnimbritlerinde Alterasyon Jeokimyası Çalışmaları: Radyoaktif Element Zenginleşmelerine Dair Bir Yaklaşım**
ÖZTÜRK S., YALÇIN C., KUMRAL M., ÜNLÜER A. T., DÖNER Z., KAYA M., KAYA B.
9th Geochemistry Symposium, Aydin, Turkey, 17 October 2022
- XII. **The first finding of Th-rich peraluminous alaskitic granite in Western Anatolia**
Kamacı Ö., ÜNLÜER A. T., ÜNAL A., DÖNER Z., ALTUNKAYNAK Ş., KUMRAL M.
EGU2021, Vienna, Austria, 19 - 30 April 2021
- XIII. **Tauride Carbonate Platform Bauxite Deposits (Turkey) as an Alternative Source for Gallium**
Bayram H. N., Bakkalbaşı A. E., Döner Z., Ünlüer A. T., Kocatürk H., Yıldırım D., Budakoğlu M.
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- XIV. **Geochemical significance and Formation of Suçatı Pb-Zn Deposits-Eastern Taurides**
Erdem Bakkalbasi A., Bayram H. N., Kumral M., Ünlüer A. T.
EGU General Assembly Conference Abstracts, Vienna, Austria, 3 - 08 May 2020, pp.8317
- XV. **Geochemical and mineralogical characteristics of beach sand sediments in southwestern Black Sea: An approach to heavy mineral placers**
Bayram H. N., Uslu A. N., Erdem Bakkalbasi A., Kiran Yildirim D., Döner Z., Ünlüer A. T.
EGU General Assembly Conference Abstracts, 3 - 08 May 2020, pp.9452
- XVI. **Detecting the Pressure and Bulk Composition Effect on the Al-OH Absorption Band of White Micas: A Case Study in Northwest Turkey and Applications to the Guatemala Suture Zone**
Bradley T. W., Ustunisik G., Duke E. F., Flores K. E., ÜNLÜER A. T., YILDIRIM D.
AGU Fall Meeting 2019, 9 - 13 December 2019
- XVII. **Preliminary Findings on Barite Lead-Zinc Mineralization in The Northwest Part of The Çayarası (Aladağ Unit)**

- Gümüş L., KUMRAL M., YALÇIN C., KAYA M., ÜNLÜER A. T., ÖZTÜRK S., KARAMAN M.
Uluslararası katılımlı Kapadokya Yerbilimleri Sempozyumu, Niğde, Turkey, 24 October 2018
- XVIII. **Hydrothermal Fluids and Polymetallic Ore Genesis Process, Yayladalı (Manisa)**
Kabiru M., KUMRAL M., SENDİR H., ÜNLÜER A. T., AYDOĞAN M. S., KOCATÜRK H.
ICELIS 2018, 26 - 29 April 2018
- XIX. **Potential Enrichments of Incompatible Elements (Ba-Sr-LREE) and Li in a Volcanic Sequences of Seyitgazi District, Eskişehir, Turkey.**
BUDAKOĞLU M., KOCATÜRK H., ÜNLÜER A. T., KIRIKOĞLU M. S., DÖNER Z., KUMRAL M.
XXXV International Conference, 3 - 07 September 2018
- XX. **Characterization of Türkali Pluton and Yuntağ Volcanics Related Ore Genesis (Manisa-Turkey)**
Kabiru M., KOCATÜRK H., YILDIRIM D., KUMRAL M., ÜNLÜER A. T., BUDAKOĞLU M.
XXXV International Conference - Magmatism of the Earth and Related Strategic Metal DEposit, 3 - 07 September 2018
- XXI. **Isotopic features and Fluid Characterization of ore forming Process Gurgenyayla and Bogazova Plutons (Kutahya/Bursa/Bilecik-Turkey)**
BUDAKOĞLU M., KUMRAL M., ÜNLÜER A. T., KOCATÜRK H., SENDİR H.
Magmatism of the Earth and related strategic metal deposits, 3 - 07 September 2018
- XXII. **Characterization of Turkali Pluton Yuntağ Volcanics Related Ore Genesis (Manisa-Turkey)**
KABİRU M., KOCATÜRK H., YILDIRIM D., KUMRAL M., ÜNLÜER A. T., BUDAKOĞLU M.
Magmatism of The Earth and Related Strategic Metal Deposits, 3 - 07 September 2018
- XXIII. **Potential enrichments of incompatible elements (Ba-Sr-LREE) and Li in an volcanic sequences of Seyitgazi District, Eskişehir, Turkey.**
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- XXIV. **REE and Trace Element distributions of Fe-Al laterites originated from Yoncayolu metamorphics, Kahramanmaraş (SE, Turkey).**
BUDAKOĞLU M., KIRIKOĞLU M. S., KOCATÜRK H., ÜNLÜER A. T., DÖNER Z., KUMRAL M.
Magmatism of the Earth and Related Strategic Metal Deposits XXXV International Conference, Moscow, Rusia, Moscow, Russia, 3 - 07 September 2018
- XXV. **REE-Th enrichments of the Isparta Triangle, Southwestern Turkey.**
KIRIKOĞLU M. S., ÇİFTÇİ E., BUDAKOĞLU M., ÜNLÜER A. T., DÖNER Z., KURŞUN İ., KOCATÜRK H.
15th Quadrennial International Association on the Genesis of Ore Deposits Symposium, Salta, Argentina, 28 - 31 August 2018
- XXVI. **Estimation of Potential Stream Beds Using Dem: Case Study Kahramanmaras City**
ATİK M. E., DÖNMEZ Ş. Ö., DURAN Z., İPBÜKER C., ÜNLÜER A. T.
7th International Conference on Cartography and GIS ICCGIS2018, Sozopol, Bulgaria, 18 - 23 June 2018, vol.1, pp.801-806
- XXVII. **Charaterization of Geochemical and Hydrothermal Alteration of Polymetallic (Pb-Zn-Cu±Au) Mineralization at Yayladalı, (Manisa, NW Turkey),**
Kabiru M., KUMRAL M., AYDOĞAN M. S., ÜNLÜER A. T.
8. Jeokimya Sempozyumu, May 2-6, Antalya, Türkiye, 2 - 06 May 2018
- XXVIII. **Zonguldak Bölgesi (BatıPontidler, KB Türkiye) Silüriyen Siyah Şeyllerinin Organik Madde Birikimi ve Gaz Gelişim Potansiyeli Üzerindeki Sedimanter Çevresel Kontroller: Organik Jeokimyanın Karakterizasyonu**
KUMRAL M., DÖNER Z., ÜNLÜER A. T.
8. Jeokimya Sempozyumu, May 2-6, Antalya, Türkiye., Turkey, 2 - 06 May 2018
- XXIX. **Isparta Çobanisa Cevherinin Nadir Toprak Elementleri Açısından Zenginleştirilebilme Olanaklarının Araştırılması**
KURŞUN İ., ÜNLÜER A. T., KIRIKOĞLU M. S., TERZİ M.
8th Geochemistry Symposium, 2 - 06 May 2018

- XXX. **Sedimentary Environmental Controls On Organic Matter Accumulation and Gas Generation Potential of Silurian Black Shales in Zonguldak Area, Western Pontides, NW Turkey: Characterization of Organic Geochemistry.**
 DÖNER Z., KUMRAL M., ÜNLÜER A. T.
 8th Geochemistry Symposium, Antalya, Turkey, 2 - 06 May 2018
- XXXI. **Determination Of The Mineralization Potential Of Quartz Veins In Basaltic Rocks Iznik-Mecidiye (Bursa) Region**
 KALELİ F., KUMRAL M., GÜMÜŞ L., ÖZTÜRK S., ÜNLÜER A. T.
 8. Jeokimya Sempozyumu, May 2-6, Antalya, Türkiye., 2 - 06 May 2018
- XXXII. **Geothermal field investigation around Ortaca, Muğla-Türkiye**
 BOZKURTOĞLU E., KIRIKOĞLU M. S., ŞANS G., ÜNLÜER A. T.
 INERMA Enerji Hammaddeleri ve Enerji Zirvesi, İstanbul, Turkey, 27 - 30 September 2017
- XXXIII. **"Thorium and Uranium Potentiality of Ultrapotassic Rocks in Çiçektepe Region, Afyon, Turkey"**
 ÜNLÜER A. T., DÖNER Z., KIRIKOĞLU M. S.
 İnerma, 27 - 30 September 2017
- XXXIV. **Hydrotermally Enriched Thorium Potentials of Metamorphic Rocks: In Acielma Area, Kahramanmaraş, Turkey**
 KIRIKOĞLU M. S., ÜNLÜER A. T., DÖNER Z., KOCATÜRK H., BUDAKOĞLU M., KUMRAL M.
 International Energy Raw Materials and Energy Summit (Inerma2017), İstanbul, Turkey, 27 - 30 September 2017
- XXXV. **Hydrothermally Enriched Thorium Potensial pf Metamorphic Rocks: In Acielma Area Kahramanmaraş Turkey**
 KIRIKOĞLU M. S., ÜNLÜER A. T., DÖNER Z., KOCATÜRK H., BUDAKOĞLU M., KUMRAL M.
 INERMA 2017, 27 - 30 September 2017
- XXXVI. **Altered Alkaline Pyroclastics Related LREE Enrichment at Derekoy Region Isparta, SW Turkey**
 KOCATÜRK H., ÜNLÜER A. T., DÖNER Z., KIRIKOĞLU M. S., KUMRAL M., BUDAKOĞLU M.
 GOLDSCHMIDT, 13 - 18 August 2017
- XXXVII. **LREE Enrichment of Alterd Alkaline Pyroclatics at kuyubaşı Region Burdur SW Turkey**
 BUDAKOĞLU M., ÜNLÜER A. T., DÖNER Z., KOCATÜRK H., KIRIKOĞLU M. S.
 EGU 2017, 24 - 28 April 2017
- XXXVIII. **LREE enrichments of altered alkaline pyroclastics at Kuyubasi Region Burdur, SW Turkey**
 BUDAKOĞLU M., ÜNLÜER A. T., DÖNER Z., KOCATÜRK H., KIRIKOĞLU M. S.
 EGU2017, Viyana, Austria, 23 - 28 April 2017
- XXXIX. **STUDY OF RARE EARTH ELEMENTS REE POTENTIALS INRESIDUAL FORMATIONS OCCURRING AT BUCAK REGION ISPARTA SOUTHWEST TURKEY**
 KIRIKOĞLU M. S., ÜNLÜER A. T., KOCATÜRK H., ÇİFTÇİ E., DÖNER Z., BUDAKOĞLU M.
 7thGeochemistry Symposium, Antalya, Turkey, 16 - 18 May 2016

Supported Projects

Döner Z., Özdamar Ş., Ünlüer A. T., Kaya M., Sarıkaya O., Project Supported by Higher Education Institutions, Kestanbol Granitoid Kompleksi içerisindeki alkalipotasik kayaçların petrojenetik özelliklerinin belirlenmesi ve bu kayaçlar içerisindeki NTE-Th-U mineralizasyonlarına sebep olan gelişim faktörlerinin ortaya konması, 2022 - Continues
 Ünal A., Ünlüer A. T., KAMACI Ö., DÖNER Z., Project Supported by Higher Education Institutions, Çataldağ Çekirdek Kompleksi içerisindeki toryum mineralizasyonlarının incelenmesi ve zenginleşmeye sebep olan petrojenetik faktörlerin ortaya konması, 2021 - 2024

Budakoğlu M., Ünlüer A. T., Kocatürk H., Project Supported by Higher Education Institutions, Felahiye Özvatan Kayseri Bölgesindeki Alkali Kayaçların ve ilişkili NTE-Th-U Kompleks Cevherleşmelerinin Petrojenetik Olarak Modellenmesi, 2021 - 2023

Kırıkoğlu M. S., Budakoğlu M., TUBITAK Project, Güney Anadolu Torid kuşağı residual oluşumlardaki nadir toprak element potansiyelinin belirlenmesi, 2015 - 2018

Metrics

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