

## Asst. Prof. Mustafa Kaya

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: X-4343-2018

ScopusID: 57758021800

Yoksis Researcher ID: 282615

### Education Information

Doctorate, Istanbul Technical University, Maden, Jeoloji Mühendisliği, Turkey 2020 - 2023

Postgraduate, Istanbul Technical University, Maden, Jeoloji Mühendisliği, Turkey 2017 - 2020

Undergraduate, Istanbul Technical University, Maden, Jeoloji Mühendisliği, Turkey 2008 - 2012

### Research Areas

Geological Engineering, Ore Deposits-Geochemistry, Mineral Deposits, Metallic Mineral Deposits, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Istanbul Technical University, Maden, Jeoloji Mühendisliği, 2024 - Continues

Research Assistant PhD, Istanbul Technical University, Maden, Jeoloji Mühendisliği, 2023 - 2024

Research Assistant, Istanbul Technical University, Maden, Jeoloji Mühendisliği, 2018 - 2023

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Sulfur and Carbon–Oxygen Isotopic Geochemistry and Fluid Inclusion Characteristics of the Yolindi Cu–Fe Skarn Mineralization, Biga Peninsula, NW Turkey: Implications for the Source and Evolution of Hydrothermal Fluids**  
Kaya M., Kumral M., Yalçın C., Abdelnasser A.  
Minerals, vol.13, no.12, 2023 (SCI-Expanded)
- II. **Geological, geochemical and fluid inclusion features of Kömürlükdere and Göçükḍibi Cu-Zn ore (Central Pontides, Turkey): Implications for their genesis**  
Yalçın C., Hanilçi N., Kumral M., Kaya M.  
Geochemistry, vol.83, no.4, 2023 (SCI-Expanded)
- III. **Genesis and Evolution of the Yolindi Cu–Fe Skarn Deposit in the Biga Peninsula (NW Turkey): Insights from Genetic Relationships with Calc-Alkaline Magmatic Activity**  
Kaya M., Kumral M., Yalçın C., Khalil A. A. A.  
Minerals, vol.13, no.10, 2023 (SCI-Expanded)

- IV. **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., Kırıkoğlu M. S.  
Geosciences Journal, vol.27, no.4, pp.455-478, 2023 (SCI-Expanded)
- V. **CuCr NLDH-Graphene oxide blended polyvinyl chloride ultrafiltration membrane with improved permeability and antifouling behavior**  
Naziri Mehrabani S. A., Sadeghi Rad T., Vatanpour Sarghein V., Khataee A., Kaya M., Zeytuncu B., Koyuncu İ.  
Separation and Purification Technology, vol.317, 2023 (SCI-Expanded)
- VI. **Post-Subduction Granite Magmatism and Gold-Sulfide Mineralization in the Abu Zawal (Fatira) Area, Eastern Desert, Egypt**  
El-Wardany R. M., Jiao J., Zoheir B., Kumral M., Kaya M., Khalil A. A. A.  
Minerals, vol.13, no.4, 2023 (SCI-Expanded)
- VII. **Trace and Rare Earth Element (REE) Geochemistry of Recently Formed Stromatolites at Lake Salda, SW Turkey**  
Kaya M., Yıldırım B. A., Kumral M., Sasmaç A.  
Water (Switzerland), vol.15, no.4, 2023 (SCI-Expanded)
- VIII. **Mineralogical, petrological, and geochemical characteristics of Senkaya Chrysoprase, Turkey**  
Selim H. H., Güçtekin A., Sahin F., Kaya M., Tanc Kaya B., Güner E., Tas K. O., Karakaş A., Kantarceken Y.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.31, no.2, pp.193-207, 2021 (SCI-Expanded)
- IX. **Chemical beneficiation of two Turkish lignites with various chemical treatments**  
Gulen J., Bortepe A., Öztürk A. B., Kaya M., Kumral M.  
PERIODICO DI MINERALOGIA, vol.89, no.2, pp.135-143, 2020 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Provenance, petrographic and geochemical signatures of sandstones in Çalarasın Formation: A unit of ophiolitic melange in eastern of Kargı District**  
YALÇIN C., HANİLÇİ N., KUMRAL M., KAYA M.  
Engineering Applications, vol.1, no.2, pp.145-156, 2022 (Peer-Reviewed Journal)
- II. **Structural, petrographic and geochemical features of the calcite quarry in the Biga Peninsula (Çanakkale, Türkiye)**  
KAYA M., YALÇIN C., KUMRAL M.  
Engineering Applications, vol.1, no.2, pp.108-116, 2022 (Peer-Reviewed Journal)
- III. **LA-ICP-MS trace element analysis of magnetite from Gökçedoğan Cu-Zn deposit (Kargı-Çorum) in Central Pontides, Turkey**  
Yalçın C., Hanılıç N., Kumral M., Kaya M.  
Engineering Applications, vol.1, no.1, pp.11-18, 2022 (Peer-Reviewed Journal)
- IV. **Geology and Geochemistry of Copper Mineralization of Volcanic Rocks Due to Quartz Veins in Western Part of Almus (TOKAT-TURKEY)**  
YALÇIN C., KUMRAL M., KAYA M., KARAMAN M.  
Avrupa Bilim ve Teknoloji Dergisi, vol.34, pp.5-9, 2022 (Peer-Reviewed Journal)
- V. **Formation And Tectonic Evolution Of Structural Slices In Eastern Kargı Massif (Çorum, Turkey)**  
YALÇIN C., HANİLÇİ N., KUMRAL M., KAYA M.  
BULLETIN OF THE MINERAL RESEARCH AND EXPLORATION, no.169, pp.135-154, 2022 (ESCI)
- VI. **Constraints on unconsolidated pyroclastic flow sediments related REE enrichments originated from potassio-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)
- VII. **Geyikli (Çanakkale, Turkey) Heavy Mineral Sands: Insights to Their Origin Related with Alkaline**

### **Intrusive Rocks**

ÜNLÜER A. T., KOCATÜRK H., DÖNER Z., KAYA M., YILDIRIM D., KUMRAL M., ÖZDAMAR \$.

Bitlis Eren University Journal of Science and Technology (BEU J Sci & Technol), vol.11, no.1, pp.13-16, 2021  
(Peer-Reviewed Journal)

**VIII. Hasenekevleri (Maden-Elazığ) Güneyindeki Diyabazlarda Gelişen Hidrotermal Cu Cevherleşmesinin Jeolojisi ve Alterasyon Jeokimyası**

Yalçın C., Kumral M., Kaya M., Karaman M.

Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.9, no.3, pp.1282-1296, 2020 (Peer-Reviewed Journal)

**IX. THE EFFECTS OF PHYSICAL AND CHEMICAL PROPERTIES ON THE FORMATION OF HISTORICAL KUFEKI STONE IN CATALCA (ISTANBUL)**

Kumral M., Şans G., Yalçın C., Kaya M., Budakoğlu M.

Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.8, no.1, pp.278-287, 2019 (Peer-Reviewed Journal)

**X. 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)

**XI. GEOLOGY AND FORMATION OF VEIN TYPE CU ± ZN MINERALIZATIONS WHICH OBSERVED IN FAULT ZONES IN THE KARGI OPHIOLITIC MELANGE**

KAYA M., YALÇIN C., KUMRAL M.

Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.7, no.2, pp.781-794, 2018 (Peer-Reviewed Journal)

### **Metrics**

Publication: 52

Citation (WoS): 12

Citation (Scopus): 12

H-Index (WoS): 3

H-Index (Scopus): 3