

Prof. Mustafa Kumral

Personal Information

Email: kumral@itu.edu.tr

Web: <https://avesis.itu.edu.tr/kumral>

Address: kumral@itu.edu.tr

International Researcher IDs

ScholarID: RxmfSxUAAAAJ

ORCID: 0000-0001-7827-8721

Publons / Web Of Science ResearcherID: ABF-7616-2020

ScopusID: 57194199723

Yoksis Researcher ID: 151081

Education Information

Doctorate, İstanbul Technical University, Maden Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1992 - 2000

Postgraduate, Akdeniz University, Faculty Of Engineering, Department Of Geological Engineering, Turkey 1990 - 1992

Undergraduate, Akdeniz University, Faculty Of Engineering, Department Of Geological Engineering, Turkey 1985 - 1989

Foreign Languages

English

Research Areas

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

Academic Titles / Tasks

Professor, İstanbul Technical University, Maden, Jeoloji Mühendisliği, 2021 - Continues

Academic and Administrative Experience

Vice Rector, İstanbul Technical University, Maden, Jeoloji Mühendisliği, 2022 - Continues

İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, 2014 - 2017

İstanbul Teknik Üniversitesi, Beden Eğitimi, 2014 - 2016

İstanbul Teknik Üniversitesi, Rektörlük, 2012 - 2016

İstanbul Teknik Üniversitesi, Rektörlük, 2008 - 2010

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**
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- II. **Geological, geochemical and fluid inclusion features of Kömürlükdere and Göçükdbi Cu-Zn ore (Central Pontides, Turkey): Implications for their genesis**
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- 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**
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- IV. **Rare earth elements (REEs) investigation of fly ash placers in southwestern Taurides: footprints of alkaline potassic Gölcük volcanism, Turkey**
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 El-Wardany R. M., Jiao J., Zoheir B., Kumral M., Kaya M., Khalil A. A. A.
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- VI. **Trace and Rare Earth Element (REE) Geochemistry of Recently Formed Stromatolites at Lake Salda, SW Turkey**
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- VII. **Evolution of the Tepeoba porphyry-skarn Cu-Mo-Au deposit, NW Turkey: New mineralogical and geochemical findings**
 Abdelnasser A. A. A., Kumral M., Zoheir B., YILMAZ H.
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- VIII. **Process optimization for acidic leaching of rare earth elements (REE) from waste electrical and electronic equipment (WEEE)**
 Yüksekdağ A., Köse Mutlu B., Zeytuncu Gökoğlu B., Kumral M., Wiesner M. R., Koyuncu İ.
Environmental Science and Pollution Research, vol.29, no.5, pp.7772-7781, 2022 (SCI-Expanded)
- IX. **Delineation of the porphyry-skarn mineralized zones (NW Turkey) using concentration-volume fractal model**
 Karaman M., Kumral M., Yıldırım D. K., Doner Z., Afzal P., Abdelnasser A. A. A.
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- X. **Petrophysical Characteristics of Silurian Mudstones from Central Taurides in Southern Turkey**
 Döner Z., Hu Q., Kumral M., Kibria M. G., Qiao H., Sun M.
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- XIV. **Preliminary results of the radiolarian-chert hosted manganese deposit within the Vezirler ophiolitic melange (Kula-Manisa, western Turkey): constraints on the origin, paleo-redox conditions, and depositional environments**
 Kilic G., AYDOĞAN M. S., Kumral M.
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- XV. **REE geochemical characteristics and satellite-based mapping of hydrothermal alteration in Atud gold deposit, Egypt**
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- XVI. **Latest Cretaceous "A(2)-type" granites in the Sakarya Zone, NE Turkey: Partial melting of mafic lower crust in response to roll-back of Neo-Tethyan oceanic lithosphere**
 Karslı O., AYDIN F., UYSAL İ., DOKUZ A., Kumral M., Kandemir R., Budakoglu M., Ketenci M.
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- XVII. **Risk assessment of trace metals in an extreme environment sediment: shallow, hypersaline, alkaline, and industrial Lake Acıgöl, Denizli, Turkey**
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- XX. **Mineral chemistry and geochemical behavior of hydrothermal alterations associated with mafic intrusive-related Au deposits at the Atud area, Central Eastern Desert, Egypt**
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- XXI. **Mineralogy and source rock evaluation of the marine Oligo-Miocene sediments in some wells in the Nile Delta and North Sinai, Egypt**
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- XXII. **Geochemistry of Hydrothermal Alteration Associated with Cenozoic Intrusion-Hosted Cu-Pb-Zn Mineralization at Tavşanlı Area, Kutahya, NW Turkey**
 Kumral M., ABDELNASSER A. A. A., Budakoglu M.
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- XXIII. **Mineral chemistry and geochemical behavior of hydrothermal alterations associated with mafic intrusive related Au deposits at the Atud area Central Eastern Desert Egypt**
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ore geology reviews, vol.0, 2016 (SCI-Expanded)
- XXIV. **Geomedical assessment of an area having high-fluoride groundwater in southeastern Turkey**
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- XXV. **A Windows program for chlorite calculation and classification**
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- XXVI. **The rare earth element geochemistry on surface sediments shallow cores and lithological units of Lake Acıgöl Basin Denizli Turkey**
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- XXVIII. OBIA based hierarchical image classification for industrial lake water**
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- XXIX. A Windows program for calculation and classification of tourmaline-supergroup (IMA-2011)**
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- XXXI. Geology and geochemistry of Middle Eocene Maden complex ferromanganese deposits from the Elazığ-Malatya region, eastern Turkey**
 Sasmaz A., TURKYILMAZ B., Ozturk N., YAVUZ F., Kumral M.
ORE GEOLOGY REVIEWS, vol.56, pp.352-372, 2014 (SCI-Expanded)
- XXXII. Origin of galena and sphalerite mineralization in the Koru Volcanics, Biga Peninsula, Turkey: Insights from MELTS modelling and SUPCRT calculations**
 YILDIRIM D., Kilinc A., Suner F., Kumral M., USTUNISIK G. K., Budakoğlu M.
International Geology Review, vol.55, no.7, pp.830-841, 2013 (SCI-Expanded)
- XXXIII. Stratiform barite deposits hosted in metamorphic assemblages of Dinek and surrounding regions, Isparta, Turkey**
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JOURNAL OF ASIAN EARTH SCIENCES, vol.48, pp.150-159, 2012 (SCI-Expanded)
- XXXIV. Mineralogical, Geochemical and Isotopic (Sr, O, S) Evidence for Multiple Sources for the Hasköy Barite Deposits, SE, Anatolia, Turkey**
 Kumral M.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.19, pp.1-15, 2010 (SCI-Expanded)
- XXXV. Mineralogical Geochemical and Isotopic Sr O S Evidence for Multiple Sources for the Hasköy Barite Deposits SE Anatolia Turkey**
 Kumral M.
Fresenius Environmental Bulletin, vol.19, no.2, pp.1-15, 2010 (SCI-Expanded)
- XXXVI. MINERALOGICAL, GEOCHEMICAL, AND ISOTOPIC (Sr, O, S) EVIDENCE FOR MULTIPLE FLUID SOURCES FOR THE HASKOY BARITE DEPOSITS, SE ANATOLIA, TURKEY**
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- XXXVII. Th-, U- and LREE-bearing grossular, chromian ferriallanite-(Ce) and chromian cerite-(Ce) in skarn xenoliths ejected from the Golcuk maar crater, Isparta, Anatolia, Turkey**
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- XL.II. Heavy metal pollution and acid drainage from the abandoned Balya Pb-Zn sulfide Mine, NW Anatolia, Turkey**
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 GULTEKIN A., Suner F., ORGUN Y., KUMRAL M.
 JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA, vol.62, no.5, pp.581-594, 2003 (SCI-Expanded)
- XL.IV. The Kızılcaören fluorite barite REE deposits related to Tertiary alkaline volcanics Eskişehir Turkey**
 Gültekin A. H., ÖRGÜN TUTAY Y., BUDAKOĞLU M., KUMRAL M.
 Mineral Deposits Processes to processing, vol.1, pp.647-650, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. GEOCHEMICAL AND MINERALOGICAL INVESTIGATION OF KOCASEYİT POLYMETALLIC Cu-As-Ni-Pb VEIN-TYPE MINERALIZATION, HAVRAN (BALIKESİR), NW TÜRKİYE**
 YILDIRIM D., Abdelnasser A., KUMRAL M.
 KSÜ Mühendislik Bilimleri Dergisi, vol.26, no.2, pp.489-505, 2023 (Peer-Reviewed Journal)
- II. Structural, petrographic and geochemical features of the calcite quarry in the Biga Peninsula (Çanakkale, Türkiye)**
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 Engineering Applications, vol.1, no.2, pp.108-116, 2022 (Peer-Reviewed Journal)
- III. 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)
- IV. 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)
- V. 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)
- VI. 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.
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- VII. Formation And Tectonic Evolution Of Structural Slices In Eastern Kargı Massif (Çorum, Turkey)**
 YALÇIN C., HANİLÇİ N., KUMRAL M., KAYA M.
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- IX. **Geyikli (Çanakkale, Turkey) Heavy Mineral Sands: Insights to Their Origin Related with Alkaline Intrusive Rocks**
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- X. **Hasenekevleri (Maden-Elazığ) Güneyindeki Diyabazlarda Gelişen Hidrotermal Cu Cevherleşmesinin Jeolojisi ve Alterasyon Jeokimyası**
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- XI. **Isotope Geochemistry of Sulfur: Implications for origin and distribution of sulfur in Isparta Angle of Western Taurus belt, SW Turkey**
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- XIII. **THE EFFECTS OF PHYSICAL AND CHEMICAL PROPERTIES ON THE FORMATION OF HISTORICAL KUFEKI STONE IN CATALCA (ISTANBUL)**
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- XIV. **Aliağa (İzmir) Kıyılarda Termal Su Kaynaklarının Meiobentik Topluluğu (Bentik Foraminifer, Ostrakod ve Mollusk) Etkisi**
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- XV. **KARGI OFİYOLİTİK MELANJI İÇERİSİNDEKİ FAY ZONLARINDA GÖZLENEN DAMAR TİPİ CU \pm ZN CEVHERLEŞMELERİNİN JEOLOJİSİ VE OLUŞUMU**
Kaya M., Yalçın C., Kumral M.
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- XVI. **GEOLOGY AND GEOCHEMISTRY OF BARITE-BEARING Zn-Pb MINERALIZATION RELATED TO CARBONATE ROCKS IN THE ALADAĞ UNIT (ÇAYARASI-ALANYA)**
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- XVIII. **Geology and Geochemistry of Barite-Bearing Zn-Pb-Mineralization Related to Carbonate Rocks in the Aladağ Unit (Çayarası-Alanya)**
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- XIX. **İstanbul Doğu Yakası Magmatik Kayaçlarının Ayırışması ve Ayırışmanın Jeolojik, Petrografik- Mineralojik İzleri**
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- XX. **Günyüzü (Eskişehir) Yöresindeki Derinlik Kayaçlarının Petrokimsal Özellikleri**
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- II. **Depositional Environment Modeling and Hydrocarbon Source Rock Characterization of Paleocene-Lower Eocene Lacustrine Mudstones: Example of Northeast Bilecik Area, Türkiye**
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- 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.
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- IV. **Evolution of the hydrothermal fluids of the Yolindi Fe-Cu skarn deposit, Biga peninsula, NW Turkiye: Evidence from carbon-oxygen isotopic variations of calcite minerals**
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- V. **Origin and characteristics of the gold-bearing quartz carbonate veins in Şirindere area, Aydın (Western Turkiye): Implication for fluid inclusion data**
 BAYRAM H. N., KUMRAL M., BAKKALBAŞI A. E., KAYA M., KHALIL A. A. A.
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- VII. **Vanadium Potentiality of Late Silurian-Early Devonian Black Shales in Northwestern Black Sea Region, Turkey**
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- 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, Aydın, Turkey, 17 October 2022
- IX. **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, Aydın, Turkey, 17 October 2022
- X. **Gas-Shale Geological and Geochemical Characteristics of Central Tauride Belt, Turkey: A Comparison with Shale Basins in North America**
 DÖNER Z., KUMRAL M., Hu Q.
 9th Geochemistry Symposium, Aydın, Turkey, 17 October 2022

- XI. **Geochemistry of Suture Zone Granitoids Around Uludag (NW Türkiye): Insights into Cenozoic Tectono-Magmatic Evolution of Western Anatolia**
KOCATÜRK H., KUMRAL M., Lecumberri-Sánchez P., SENDİR H., KAYA M., KAYA B., ÜNLÜER A. T., DÖNER Z., KHALIL A. A. A.
9th Geochemistry Symposium, Aydin, Turkey, 17 October 2022
- XII. **Ariklı İgnimbiritlerinde 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
- XIII. **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
- XIV. **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.
2st International Conference on Applied Engineering and Natural Sciences (ICAENS 2022), Konya, Turkey, 10 - 13 March 2022

Supported Projects

- Kumral M., Project Supported by Higher Education Institutions, Silika-Karbonatlı Kayaçlara Bağlı Altın Konsantrasyonun İncelenmesi(Orhaneli-Bursa), 2016 - 2019
- Kumral M., Project Supported by Higher Education Institutions, Bursa Kozbudaklar Bölgesinde Gelişmiş Mineralizasyonların Jenetik Olarak Değerlendirilmesi, 2016 - 2019
- Kumral M., Project Supported by Higher Education Institutions, Atud (Mısır Doğu Çölü) bölgesindeki intrüzyonla ilişkili altın cevherleşmesinin kökeni: jeolojik, cevher mineralojisi ve jeokimyasal yaklaşımı, 2015 - 2019
- Kumral M., Project Supported by Higher Education Institutions, Using the concentration-volume (C-V) fractal model in the delineation of gold mineralized zones within the Tepeoba porphyry Cu-Mo-Au, Balikesir, NW Turkey, 2016 - 2018
- Kumral M., Project Supported by Higher Education Institutions, STRUCTURAL CONTROLS ON VOLCANIC-HOSTED CU-MİNERALİZATION : A CASE STUDY FROM YERGEN AND DEDENİNÝURDU ÇORUM, TURKEY, 2015 - 2018
- Kumral M., Project Supported by Higher Education Institutions, Porphyry Cu-Mo-(Au) Mineralization at Parağa Area, Nakhchivan District, Azerbaijan: Evidence from Mineral Paragenesis, Hyrothermal Alteration and Geochemical Studies, 2014 - 2018
- Kumral M., Project Supported by Higher Education Institutions, Geochemical Investigations of Eğrigöz Granitoid-H0sted Cu-Pb-Zn Mineralization at the Nothern Margin of Tauride-Anatolide Platform: A Case Study from Tavşanlı Zone, Kütahya, Turkey, 2014 - 2018
- Kumral M., Project Supported by Higher Education Institutions, Organic Genesis Of The Sulfur Occurrences And Their Relationship With Shales İn The Isparta Region, 2013 - 2018
- Kumral M., Project Supported by Higher Education Institutions, GEOLOGICAL AND GEOCHEMICAL CHARACTERİSTİCS OF KÜRE KASTAMONU COPPER DEPOSİTS TURKEY, 2011 - 2018
- Kumral M., Project Supported by Higher Education Institutions, MİNERALOĞİCAL GEOCHEMİCAL AND ISOTOPİC (SR,O,C,S) EVİDENCE FOR MULTİPLE FLUID SOURCES FORT HE MUS BARİTE DEPOİSTS SE ANATOLİA TURKEY, 2009 - 2018
- Kumral M., Project Supported by Higher Education Institutions, Batı Anadolu'da Aşırı Alkali Burdur, Salda, Yarışlı ve Acıgöl'ün Hidrojekimyasal ve Minerolojik Özellikleri, 2007 - 2018
- Kumral M., Project Supported by Higher Education Institutions, Doğu Anadolu Barit Yataklarının Jeolojik ve Ekonomik Özellikleri, 2006 - 2018
- Kumral M., Project Supported by Higher Education Institutions, Türkiye Yapıtaşlı Malzemeleri Potansiyeli, Üretime ve Pazarlamasının Araştırılması, 2004 - 2018

Kumral M., Project Supported by Higher Education Institutions, Çorum – Kargı çevresinde oluşan Demir, Bakır oluşumlarının kökensel araştırmaları, 2015 - 2015

Kumral M., Project Supported by Higher Education Institutions, Balıkesir-Tepeoba Bakır Mobden Oluşumlarının Jeolojik - Jeokimyasal İncelemesi, 2013 - 2015

Kumral M., Project Supported by Higher Education Institutions, Kütahya Civarındaki Antimon Cevherleşmelerinin Jeolojik, Mineralojik ve Jenetik Açıdan İncelenmesi, 2013 - 2015

Kumral M., Project Supported by Higher Education Institutions, Balıkesir Dursunbey Bölgesindeki Fe-Skarn oluşumlarının Kökeninin Araştırılması, 2011 - 2015

Kumral M., Project Supported by Higher Education Institutions, Batı Anadolu (ÜçKöprü-Muğla, Yeşilova-Burdur, ve Bеваğaç-Denizli) Kromitlerinin Platin Grubu Elementlerinin ve Ağır Metal İçeriklerinin Araştırılması, 2011 - 2014

Kumral M., Project Supported by Higher Education Institutions, Kalkım(Yenice-Çanakkale)Yöresi Sulfür Cevherleşmelerine Bağlı Ekonomik İz Elementlerin Araştırılması, 2009 - 2010

Kumral M., Project Supported by Higher Education Institutions, Burdur Yeşilova ve Tefenni Kromitlerinin Platin Grubu Elementlerin ve Ağır Metal İçeriklerinin Arıştırılması, 2007 - 2009

Kumral M., Project Supported by Higher Education Institutions, Muş Bölgesi Barit Yataklarının Oluşum Koşullarının ve Endüstriyel Niteliklerinin Araştırılması Aşama-2, 2005 - 2006

Kumral M., Project Supported by Higher Education Institutions, Muş Bölgesi Barit Yataklarının Oluşum Koşullarının ve Endüstriyel Niteliklerinin Araştırılması, 2004 - 2006

Scientific Refereeing

Journal of Hydrogeology, SCI Journal, April 2010

Metrics

Publication: 236

Citation (WoS): 511

Citation (Scopus): 519

H-Index (WoS): 13

H-Index (Scopus): 13

Congress and Symposium Activities

7th Geochemistry Symposium, Attendee, Turkey, 2016

7th Geochemistry Symposium, Attendee, Turkey, 2016

European Geosciences Union General Assembly 2016, Attendee, Wien, Austria, 2016

European Geosciences Union General Assembly 2016, Attendee, Wien, Austria, 2016

European Geosciences Union General Assembly 2016, Attendee, Turkey, 2016

European Geosciences Union General Assembly 2016, Attendee, Turkey, 2016

European Geosciences Union General Assembly 2016, Attendee, Wien, Austria, 2016

European Geosciences Union General Assembly 2016, Attendee, Wien, Austria, 2016

European Geosciences Union General Assembly 2016, Attendee, Wien, Austria, 2016

European Geosciences Union General Assembly 2016, Attendee, Wien, Austria, 2016

European Geosciences Union General Assembly 2016, Attendee, Wien, Austria, 2016

American Geophysical Union Fall Meeting 2015, Attendee, California, United States Of America, 2015

Geological Society of America Meeting, Attendee, Maryland, United States Of America, 2015

Geological Society of America Meeting, Attendee, Maryland, United States Of America, 2015

İNERMA 2015, Attendee, Ankara, Turkey, 2015
12th International Congress for Applied Mineralogy (ICAM), Attendee, Turkey, 2015
12th International Congress for Applied Mineralogy (ICAM), Attendee, Turkey, 2015
12th International Congress for Applied Mineralogy (ICAM), Attendee, Turkey, 2015
12th International Congress for Applied Mineralogy (ICAM), Attendee, İstanbul, Turkey, 2015
12th International Congress for Applied Mineralogy (ICAM), Attendee, Turkey, 2015
ISSSET 2015, Attendee, İstanbul, Turkey, 2015
World Academy of Science, Engineering and Technology, International Science Index, Attendee, Cape Town, South Africa, 2014
World Academy of Science, Engineering and Technology, International Science Index, Attendee, Cape Town, South Africa, 2014
World Academy of Science, Engineering and Technology, International Science Index, Attendee, Cape Town, South Africa, 2014
World Academy of Science, Engineering and Technology, International Science Index, Attendee, Cape Town, South Africa, 2014
World Academy of Science, Engineering and Technology, International Science Index, Attendee, Cape Town, South Africa, 2014
Goldschmidt2014, Attendee, California, United States Of America, 2014
Goldschmidt2014, Attendee, California, United States Of America, 2014
Goldschmidt2014, Attendee, California, United States Of America, 2014
Goldschmidt2014, Attendee, California, United States Of America, 2014
Biosignatures 2014, Attendee, Bergen, Norway, 2014
European Geosciences Union General Assembly 2014, Attendee, Wien, Austria, 2014
European Geosciences Union General Assembly 2014, Attendee, Wien, Austria, 2014
Goldschmidt2013, Attendee, Firenze, Italy, 2013
Goldschmidt2013, Attendee, Firenze, Italy, 2013
Goldschmidt2013, Attendee, Firenze, Italy, 2013
1. Ulusal Sağlık Kuruluşları Çevre Yönetim Sempozyumu, Attendee, İstanbul, Turkey, 2012
SEG Conference 2012, Attendee, Colorado, United States Of America, 2012
15.Ulusal Kil Sempozyumu, Attendee, Kütahya, Turkey, 2012
V. Geochemistry Symposium, Attendee, Denizli, Turkey, 2012
V. Geochemistry Symposium, Attendee, Turkey, 2012
European Geosciences Union General Assembly 2012, Attendee, Wien, Austria, 2012
55. Türkiye Jeoloji Kurultayı, Attendee, Ankara, Turkey, 2012
European Geosciences Union General Assembly 2012, Attendee, Wien, Austria, 2012
65.Türkiye Jeoloji Kurultayı, Attendee, Ankara, Turkey, 2012
20th International Symposium on Environmental Biogeochemistry, Attendee, Turkey, 2011
20th International Symposium on Environmental Biogeochemistry, Attendee, İstanbul, Turkey, 2011
20th International Symposium on Environmental Biogeochemistry, Attendee, Turkey, 2011
20th International Symposium on Environmental Biogeochemistry, Attendee, Turkey, 2011
The 47th Forum on the Geology of Industrial Minerals, Attendee, Illinois, United States Of America, 2011
The 47th Forum on the Geology of Industrial Minerals, Attendee, Illinois, United States Of America, 2011
The 47th Forum on the Geology of Industrial Minerals, Attendee, Illinois, United States Of America, 2011
Society of Economic Geologists, SEG 2010, Attendee, Colorado, United States Of America, 2010
Society of Economic Geologists, SEG 2010, Attendee, Colorado, United States Of America, 2010
VI. Ulusal Hidroloji Kongresi, Attendee, Denizli, Turkey, 2010
Society of Economic Geologists, SEG 2010, Attendee, Colorado, United States Of America, 2010
20th International Symposium on Environmental Biogeochemistry, Attendee, Hamburg, Germany, 2009
9th International Multidisciplinary Scientific Geo-Conference and Expo, Conference, Attendee, Bulgaria, 2009
9th International Multidisciplinary Scientific Geo-Conference and Expo, Attendee, Bulgaria, 2009

9th International Multidisciplinary Scientific Geo-Conference and Expo, Conference, Attendee, Bulgaria, 2009
9th International Multidisciplinary Scientific Geo-Conference and Expo, Conference, Attendee, Bulgaria, 2009
9th International Multidisciplinary Scientific Geo-Conference and Expo, Conference, Attendee, Bulgaria, 2009
ISEB 18, Attendee, New Zealand, 2007
AOGS2007, 4th annual meeting, Attendee, Krung Thep, Thailand, 2007
42nd Forum on the Geology of Industrial Minerals, Attendee, North Carolina, United States Of America, 2006
41st forum on the Geology of Industrial Minerals, Attendee, İstanbul, Turkey, 2005
39th Forum on the Geology of Industrial Minerals, Attendee, Nevada, United States Of America, 2003
38th Forum On The Geology of Industrial Minerals, Attendee, Missouri, United States Of America, 2002
37th Forum On The Geology of Industrial Minerals, Attendee, Victoria, Canada, 2001
37th Forum On The Geology of Industrial Minerals, Attendee, Victoria, Canada, 2001
Fifth Biennial SGA Meeting and the Tenth Quadrennial IAGOD Symposium, Attendee, London, United Kingdom, 1999
35th Forum on the Geology of Industrial Minerals, Attendee, Utah, United States Of America, 1999
35th Forum on the Geology of Industrial Minerals, Attendee, Utah, United States Of America, 1999
35th Forum on the Geology of Industrial Minerals, Attendee, Utah, United States Of America, 1999
EUG 10, Attendee, Strasbourg, France, 1999
EUG 10, Attendee, Strasbourg, France, 1999
EUG 10, Attendee, France, 1999
The Sixth Symposium on Mining Chemistry (MinChem 98), Attendee, Hungary, 1998
34th forum on the geology of industrial minerals, Attendee, Oklahoma, United States Of America, 1998
The Fourth Biennial SGA Meeting, Attendee, Turku, Finland, 1997
EUG 9, Attendee, Strasbourg, France, 1997
EUG 9, Attendee, Strasbourg, France, 1997
The Fifth Symposium on Mining Chemistry (MinChem'95), Attendee, İstanbul, Turkey, 1995
8. Mühendislik Haftası, Attendee, Isparta, Turkey, 1994
46. Türkiye Jeoloji Kurultayı, Attendee, Ankara, Turkey, 1993
7. Mühendislik Haftası, Attendee, Isparta, Turkey, 1992

Non Academic Experience

TÜBİTAK
akdeniz üniversitesi