

Res. Asst. Hüseyin Kocatürk

Personal Information

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Biography

I have been conducting various researches on the exploration and prospecting of mineral deposits. I do work on the tectono-metallogenic modeling of the metallogenic provinces related with plate tectonics in order to understand the various of polymetallic mineralizations particularly gold depositions. While modeling, it is crucial to understand environment of magma & hydrothermal systems, structural controlling components and characteristics of fluids with their origins. To have optimized models I collect data which obtained already on the field, subsequently carry out geochemical/isotopic analyses, fluid inclusion and ore microscopy studies and evaluate them on GIS based softwares systematically.

Education Information

Doctorate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği Bölümü, Turkey 2017 - Continues
Postgraduate, Eskişehir Osmangazi Üniversitesi, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği / Maden Yatakları Ve Jeokimya, Turkey 2014 - 2017

Postgraduate, İstanbul Teknik Üniversitesi, Maden Fakültesi, Jeoloji Mühendisliği / Maden Yatakları Ve Jeokimya, Turkey 2015 - 2016

Undergraduate, Eskişehir Osmangazi Üniversitesi, Mühendislik-Mimarlık Fakültesi, Jeoloji Mühendisliği, Turkey 2006 - 2013

Foreign Languages

English

Dissertations

Doctorate, Uludağ Çevresindeki Magmatik ve Hidrotermal Sistemlerde Altın Taşıyan Akışkanların Tektono-Metalojenik Olarak Modellenmesi (Bursa- KB Türkiye), İstanbul Technical University, Fen Bilimleri Enstitüsü, 2019

Postgraduate, İnegöl, Keles (Bursa) yöresi polimetalik cevherleşmelerin değerlendirilmesi, Eskişehir Osmangazi University, Graduate School Of Natural And Applied Sciences, 2017

Postgraduate, Uludağ'ın güneyinde gelişmiş granitoyidik intrüzyonlarla ilişkili cevherleşmelerin değerlendirilmesi, İstanbul Technical University, Fen Bilimleri Enstitüsü, 2016

Research Areas

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

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

Articles Published in Other Journals

- I. **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., Kırkoğlu M. S.
ACTA GEOCHIMICA, 2021 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **Heavy Metal and Platinum Group Elements Potential of Yesilova-Tefenni Chromites (Burdur)**
SENDİR H., KUMRAL M., KOCATÜRK H., KAYA M.
ICELİS 2018, 26 - 29 April 2018
- III. **Geochemical Features of Polymetallic Deposits over İnegöl, Keleş Region**
SENDİR H., KOCATÜRK H.
2nd International Conference on Innovations in Natural Science and Engineering (ICINSE), 7 - 10 September 2018
- IV. **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, Russia, Moscow, Russia, 3 - 07 September 2018
- V. **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
- VI. **Characterization of Turkali Pluton Yuntdag Volcanics Related Ore Genesis (Manisa-Turkey)**
KABİRÜ 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
- VII. **Potential enrichments of incompatible elements (Ba-Sr-LREE) and Li in an volcanic sequences of Seyitgazi District, Eskişehir, Turkey.**
BUDAKOĞLU M., KOCATÜRK H., ÜNLÜER A. T. , KIRIKOĞLU M. S. , DÖNER Z., KUMRAL M.
Magmatism of the Earth and Related Strategic Metal Deposits XXXV International Conference, Moscow, Russia, 3 - 07 September 2018
- VIII. **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
- IX. **Heavy Metal and Platinum Group Elements Pottential of Yesilova-Tefenni Chromites(Burdur)**
SENDİR H., KUMRAL M., KOCATÜRK H., KAYA M.
International Congress on Engineering and Life Science (ICELIS), 26 - 29 April 2018
- X. **Hydrothermally 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

- XI. **Comparing contiguous plutons related gold genesis: Sarıçayırıyayla (Bilecik) and Dağdemirciler (Bursa)**
SENDİR H., KUMRAL M., KIRIKOĞLU M. S. , KOCATÜRK H., ÇOBAN H.
Goldschmidt 2017, Paris, France, 13 - 18 August 2017
- XII. **Understanding Rare Earth Elements Enrichments on the border of Ophiolitic Rocks and Schists (Southern Uludag)**
KUMRAL M., KOCATÜRK H., kabiru m., SENDİR H.
Goldschmidt 2017, 13 - 18 August 2017
- XIII. **Discussion of M-Type Plagiogranite at the South of Subduction Zone (Bursa-Uludag)**
Kabiru M., KUMRAL M., KOCATÜRK H., KIRIKOĞLU M. S.
Goldschmidt2017, August 13-18, Paris, France., 13 - 18 August 2017
- XIV. **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.
Goldschmidt2017, 13 - 18 August 2017
- XV. **Titanium Enrichments, Minerals and Relations with Different Type Ore Genesis Processes on the Sogukpinar Region (Bursa)**
SENDİR H., KOCATÜRK H., KUMRAL M.
INTERNATIONAL CONGRESS onNATURAL and ENGINEERING SCIENCES, 21 - 25 July 2017
- XVI. **Geochemical,Petrological and Mineralogical Investigation of Nickeliferous Laterite Goynukbelen, Turkey**
KABIRU M., KUMRAL M., KOCATÜRK H., GÜMÜŞ L., KAYA M.
EGU 2017, VİYANA, Austria, 23 - 28 April 2017
- XVII. **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
- XVIII. **Mantle derived potassic and ultra potassic rocks with enrichments of Rare Earth Elements REE on penepains of Golcuk District Southern Turkey**
KIRIKOĞLU M. S. , KOCATÜRK H., ÜNLÜER A. T. , BUDAKOĞLU M., DÖNER Z., ABDELNASSER A., ÇİFTÇİ E.
35. International Geological Congress, Cape-Town, South Africa, 26 August - 04 September 2016
- XIX. **Geochemical Soil Prospection for Locating Burried Antimony Deposits around Dağardı (Kütahya) Region**
Kumral M., Karabel S. B. , Kocatürk H.
7th Geochemistry Symposium, Antalya, Turkey, 16 - 18 May 2016, pp.68-69
- XX. **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 Sympossium, Antalya, Turkey, 16 - 18 May 2016
- XXI. **Fuzzy Logic Modelling and Hidden Geodynamic Parameters of Earth: What is the role of Fluid Pathways and Hydrothermal Stages on the Mineralization Variations of Kozbudaklar Pluton over Southern Uludag**
Kocatürk H., Kumral M.
EGU2016, Viyana, Austria, 17 - 22 April 2016, vol.18, pp.12087
- XXII. **Orhaneli Bursa Topuk Krom Cevherleşmesinin Jeolojisi ve Rezerv Hesabı**
AKÇA F. A. , KOCATÜRK H., SENDİR H.
66. Türkiye Jeoloji Kurultayı, 13 - 18 April 2013