

Personal Information

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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Maden Mühendisliği, Turkey 2017 - Continues

Post Graduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Maden Mühendisliği, Turkey 2014 - 2017

Under Graduate, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, Turkey 2009 - 2014

Certificates, Courses and Trainings

Education Management and Planning, Comminution, Control and Modelling in Mineral Processing Course, Metso and Dama Engineering Companies, 2016

Education Management and Planning, Kirma-Öğütme Devrelerinde Kütle Denkliği ve Modelleme, Hacettepe Üniversitesi & Karadeniz Teknik Üniversitesi, 2016

Dissertations

Post Graduate, Kalsine Fe-Hidrotalsit Kullanarak Sulardan Arseniğin Giderilmesi, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği/Cevher Kömür Hazırlama Ve Değerlendirme , 2017

Research Areas

Mining Engineering and Technology, Ore-Dressing, Refining and Purification, Flotation and Flocculation, Process and Plant Design, Chemical-Biological Winning Techniques and Mineral Processing, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, 2018 - Continues

Professional Experience

Ar-Ge Mühendisi, Eti Bakır A.Ş., Ar-Ge, Cevher Hazırlama ve Zenginleştirme Departmanı, 2017 - 2018

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Arsenic removal from groundwater in Kütahya, Turkey, by novel calcined modified hydrotalcite.**
Türk T., Boyraz T., Alp İ.
Environmental geochemistry and health, vol.42, pp.1335-1345, 2020 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- **Kalsinasyonun Mg-Fe Hidrotalsit (FeHT) Üzerindeki Etkisinin Araştırılması**

BOYRAZ T., TÜRK T., ALP İ.

Konya mühendislik bilimleri dergisi (Online), vol.8, pp.318-327, 2020 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- **Thermodynamic Parameters for the Adsorption of Arsenic from Water on Modified Hydrotalcite**

TÜRK T., BOYRAZ T., ALP İ.

IMPC-EURASIA 2019-Regional Mineral Processing Conference organised under the auspices of the International Mineral Processing Council, Antalya, Turkey, 31 October - 02 November 2019, pp.821-826

- **Birlikte Çöktürme Yöntemi İle Yüksek Yüzey Alanlı Çift Tabakalı Hidroksit Üretiminin Araştırılması**

TÜRK T., ALP İ., BOYRAZ T.

International Black Sea Mining and Tunneling Symposium, Trabzon, Turkey, 2 - 04 November 2016, pp.471-477

- **Removal of arsenic from borous water**

TÜRK T., ALP İ., BOYRAZ T.

15 th. International Mineral Processing Symposium (IMPS), İstanbul, Turkey, 19 - 21 October 2016, pp.296-303

- **Removal of arsenic from borous water by processed pyrite ash**

TÜRK T., ALP İ., BOYRAZ T.

15 th. International Mineral Processing Symposium (IMPS), İstanbul, Turkey, 19 - 21 October 2016, pp.304-312

Supported Projects

TÜRK T., ALP İ., BOYRAZ T., Project Supported by Higher Education Institutions, Grafen OksitFe Hidrotalsit GOFeHT Tabanlı Kompozit Adsorban ile Maden Atık Sularından Arseniğin Arıtımı, 2020 - Continues

Türk T., Alp İ., Boyraz T., Project Supported by Higher Education Institutions, Sulu çözeltilerden arsenik uzaklaştırmak için çift tabakalı hidroksitlerin kullanımı, 2017 - 2020

BOYRAZ T., ALP İ., TÜRK T., TUBITAK Project, Kalsine Fe-Hidrotalsit (KFeHT) Kullanarak Sulardan Arseniğin Giderilmesi, 2015 - 2017

Invited Congress and Symposium Activities

Gümüşhane Üniversitesi Madencilik Çalıştay, Attendee, Gümüşhane, Turkey, 2019

IMPC-EURASIA 2019-Regional Mineral Processing Conference organised under the auspices of the International Mineral Processing Council, Attendee, Antalya, Turkey, 2019

International Conference on Chemical Energy and Semiconductor Photochemistry (CESCOP-2019), Attendee, Trabzon, Turkey, 2019

International Black Sea Mining and Tunneling Symposium (IBSMTS), Attendee, Trabzon, Turkey, 2016

15 th. International Mineral Processing Symposium (IMPS), Attendee, İstanbul, Turkey, 2016

Scholarships

Başarılı Lisans Öğrencileri İçin Karşılıksız Burs, Foundation, 2010 - Continues

Awards

BOYRAZ T., USTA Y., Yüksek Onur Öğrencisi, KARADENİZ TEKNİK ÜNİVERSİTESİ, June 2014