

Res. Asst. TAHA BOYRAZ

Personal Information

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Education Information

Doctorate, Karadeniz Technical University, -, Maden Mühendisliği, Turkey 2017 - Continues

Postgraduate, Karadeniz Technical University, -, Maden Mühendisliği, Turkey 2014 - 2017

Undergraduate, 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, Kıрма-Öğütme Devrelerinde Kütle Denkliği ve Modelleme, Hacettepe Üniversitesi & Karadeniz Teknik Üniversitesi, 2016

Dissertations

Postgraduate, 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

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

- I. **Fe-based layered double hydroxides for removing arsenic from water: sorption-desorption-regeneration**
TÜRK T., BOYRAZ T., ALP İ.
JOURNAL OF WATER AND HEALTH, vol.19, pp.457-467, 2021 (Journal Indexed in SCI)
- II. **Arsenic removal from groundwater in Kutahya, Turkey, by novel calcined modified hydrotalcite**
Türk T., Boyraz T., Alp İ.

Articles Published in Other Journals

- I. **Kalsinasyonun Mg-Fe Hidrotalsit (FeHT) Üzerindeki Etkisinin Araştırılması**
BOYRAZ T., TÜRK T., ALP İ.
Konya mühendislik bilimleri dergisi (Online), vol.8, no.2, pp.318-327, 2020 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **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
- III. **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
- IV. **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

ALP İ., KANTARCI S., YUPOUNGAM A. A., TÜRK T., BOYRAZ T., Project Supported by Higher Education Institutions, Amalgamlama Atıklarından Cıva Uzaklaştırma ve Altın Kazanım Yöntemlerinin Araştırılması, 2020 - Continues
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
ALP İ., BOYRAZ T., TÜRK T., TUBITAK Project, Kalsine Fe-Hidrotalsit (KFeHT) Kullanarak Sulardan Arseniğin Giderilmesi, 2015 - 2017

Edit Congress and Symposium Activities

Gümüşhane Üniversitesi Madencilik Çalıştayı, 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

Citations

Total Citations (WOS):1

h-index (WOS):1

Scholarships

Başarılı Lisans Öğrencileri İçin Karşılıksız Burs, Foundation, 2010 - 2014

Awards

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

Non Academic Experience

Company, Eti Bakır A.Ş., Cevher Hazırlama ve Zenginleştirme Departmanı