

Res. Asst. PhD Esra Bařtrk

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABB-4735-2020

ScopusID: 57202445100

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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstits, CEVHER HAZIRLAMA MHENDİSLİĐİ, Turkey 2019 - 2023

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Mining Engineering and Technology, Ore-Dressing, Benefication by Gravity, Dense-Medium, Magnetic and Electrostatic, Flotation and Flocculation, Chemical-Biological Winning Techniques and Mineral Processing, Metallurgical and Materials Engineering, Production Metallurgy, Non-Ferrous Alloy Production, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Maden Fakltesi, Cevher Hazırlama MhendisliĐi, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Revealing the effects of mechanical attrition applied on Eskisehir-Beylikova REE ore utilizing MLA**
Bařtrk E., řavran C., Yce A. E., Timur S. İ.
Minerals Engineering, vol.186, 2022 (SCI-Expanded)
- II. **Recovery of valuable metals from WPCB fines by centrifugal gravity separation and froth flotation**
Diņ N. İ., Tosun A. U., Bařtrk E., zer M., Burat F.
JOURNAL OF MATERIAL CYCLES AND WASTE MANAGEMENT, vol.24, no.1, pp.224-236, 2022 (SCI-Expanded)
- III. **Precious Metals Recovery from Waste Printed Circuit Boards by Gravity Separation and Leaching**
Tanısalı E., Ozer M., Burat F.
MINERAL PROCESSING AND EXTRACTIVE METALLURGY REVIEW, vol.42, no.1, pp.24-37, 2021 (SCI-Expanded)
- IV. **Morphological changes of glass bead particles upon an abrasive blasting as characterized by settling and flotation experiments**

Articles Published in Other Journals

- I. **Birincil ve İkincil Mineral Kaynaklarından Nadir Toprak Elementlerinin Fiziksel ve Fizikokimyasal Yöntemlerle Üretim Proseslerinin İncelenmesi**
Baştürkü E., Şavran C., Timur S. İ., Yüce A. E.
International Journal of Pure and Applied Sciences, vol.7, no.2, pp.276-287, 2021 (Peer-Reviewed Journal)
- II. **BASKI DEVRE KARTLARINDAKİ DEĞERLİ METALLERİN CEVHERZENGİNLEŞTİRME YÖNTEMLERİ İLE KAZANIMI**
TANISALI E., özer m., BURAT F.
Bilimsel Madencilik, vol.58, no.4, pp.245-255, 2019 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **INVESTIGATION OF ENRICHMENT OPPORTUNITIES OF ESKISEHIR BEYLIKAHIR REGION BARITE AND FLUORITE WITH PHYSICAL METHODS**
Baştürkü E., Şavran C., Yüce A. E., Topal H.
IMCET , Antalya, Turkey, 22 - 25 March 2022, pp.442-449
- II. **Solvent Extraction of Copper from Iron Bearing Sulfate Solutions**
Özkan B., TANISALI E., ARSLAN F.
International Mineral Processing Conference Eurasia 2019, Antalya, Turkey, 31 October - 02 November 2019, pp.615-622
- III. **AN ALTERNATIVE PROCESS DESIGN FOR PRODUCTION OF Mg(OH)₂ FROM WASTE DOLOMITE**
TANISALI E., CENİKLİ C., ORMAN R., KILIÇ Y., KARTAL ŞİRELİ G., TİMUR S. İ.
19th International Metallurgy and Materials Congress, İstanbul, Turkey, 25 - 27 October 2018
- IV. **An Overview on Physical and Physico-Chemical Beneficiation Studies Conducted for Metal Recovery from PCBs**
TANISALI E., özer m., BURAT F.
15th International Mineral Processing Symposium, Antalya-Turkey, 23 - 25 October 2018
- V. **Artvin Yöresi Oksitli Cevherden Altının Flotasyon ile Zenginleştirilme Olanaklarının Araştırılması**
TUNÇ M., ACARKAN N., TANISALI E.
YER 2018, İstanbul, Turkey, 11 June 2018
- VI. **Effect of particle morphology on coagulation of silica**
Hassanzadeh A., Tanısalı E., Hassas B. V., Karakaş F., Çelik M. S.
28th International Mineral Processing Congress, IMPC 2016, Quebec City, Canada, 11 - 15 September 2016

Supported Projects

Burat F., ÖZER M., Tanısalı E., Project Supported by Higher Education Institutions, BASKI DEVRE KARTLARINDAKİ DEĞERLİ METALLERİN FLOTASYON VE SANTRİFUJ AYIRICILAR İLE KAZANIMI, 2017 - 2019

Metrics

Publication: 15

Citation (WoS): 12

Citation (Scopus): 60

H-Index (WoS): 2

H-Index (Scopus): 3

Congress and Symposium Activities

International Mineral Processing Symposium, Attendee, İstanbul, Turkey, 2016

18th International Metallurgy And Materials Symposium-IMMC 2016, Attendee, İstanbul, Turkey, 2016

İTÜ Maden Fakültesi YER 2016, Attendee, İstanbul, Turkey, 2016

Aluexpo 2015, Attendee, İstanbul, Turkey, 2015

17th International Metallurgy And Materials Symposium- IMMC 2014, Attendee, İstanbul, Turkey, 2014

International Mineral Processing Symposium 2014, Attendee, Aydın, Turkey, 2014

Non Academic Experience

Helmholtz Institute- Freiberg