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International Researcher IDs

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Education Information

Postgraduate, Istanbul Technical University, Maden, Cevher Hazırlama Mühendisliği, Turkey 2022 - Continues

Undergraduate Double Major, Istanbul Technical University, Kimya-Metalurji, Metalurji Ve Malzeme Mühendisliği, Turkey 2020 - 2023

Undergraduate, Istanbul Technical University, Maden, Cevher Hazırlama Mühendisliği, Turkey 2017 - 2022

Research Areas

Process and Plant Design, Chemical-Biological Winning Techniques and Mineral Processing, Recycling Processes, Hydrometallurgy, Non Metallic Materials Production

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Maden, Cevher Hazırlama Mühendisliği, 2023 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effect of particle geometry (size & shape) on the recovery of gold and copper metallic particles from end-of-life random access memory cards by flotation**
Keleş B., İlkyaz Dinç N., Nur Dursun H. N., Burat F., ULUSOY U.
Waste Management, vol.179, pp.66-76, 2024 (SCI-Expanded)
- II. **The Role of Particle Size and Shape on the Recovery of Copper from Different Electrical and Electronic Equipment Waste**
Burat F., Dinç N. İ., Dursun H. N., ULUSOY U.
Minerals, vol.13, no.7, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **Silver-doped alginate cryogels as new generation current collectors for lithium-ion batteries: Structural and electrochemical analysis**
Cetin Y. C., Dursun H. N., Demir P., Uysal E., Ozcelik-Yesiltepe D., Ates M. N., Gürmen S.
Energy Storage, vol.6, no.2, 2024 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Recovery of Valuable Metals from Waste Electrical and Electronic Equipment (WEEE) by Physical Methods**

Üçerler Z., Dursun H. N., Dinç N. İ., Burat F.

17th International Mineral Processing Symposium, İstanbul, Turkey, 15 - 17 December 2022, pp.823-831

Supported Projects

Burat F., Dursun H. N., Project Supported by Higher Education Institutions, NMC Tipi Elektrikli Araç Bataryalarından Değerli Metallerin Kazanımı, 2023 - Continues

Burat F., Kaya B., Üçerler Z., Özer M., MENNİK F., Dinç N. İ., Dursun H. N., Project Supported by Higher Education Institutions, KULLANIM ÖMRÜNÜ TAMAMLAMIŞ CEP TELEFONU LİTYUM İYON BATARYALARINDAN DEĞERLİ METALLERİN GERİ KAZANIMI, 2022 - Continues