

## Res. Asst. Zeynep Ücerler

### Personal Information

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### International Researcher IDs

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ScopusID: 57202002384

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### Education Information

Doctorate, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Cevher Hazırlama Mühendisliği Bölümü, Turkey  
2020 - Continues

Postgraduate, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Cevher Hazırlama Mühendisliği Bölümü, Turkey  
2017 - 2020

Undergraduate, Istanbul Technical University, Maden, Cevher Hazırlama Mühendisliği, Turkey 2011 - 2016

### Foreign Languages

English, C1 Advanced

French, C1 Advanced

### Research Areas

Mining Engineering and Technology, Ore-Dressing, Communion-Sizing-Classification, Benefication by Gravity, Dense-Medium, Magnetic and Electrostatic, Flotation and Flocculation, Process and Plant Design, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Maden, Cevher Hazırlama Mühendisliği, 2018 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The investigation of lithium extraction by roasting with sulfating agent and water leaching from nepheline syenite rocks**

Ücerler Z., Güney A.

PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.58, no.3, 2022 (SCI-Expanded)

- II. **Extraction of potassium from feldspar by roasting with CaCl<sub>2</sub> obtained from the acidic leaching of wollastonite-calcite ore**

Türk T., Ücerler Z., Burat F., Bulut G., Kangal M. O.

Minerals, vol.11, no.12, 2021 (SCI-Expanded)

- III. Recycling of virgin and post-consumer polypropylene and high density polyethylene**  
Kangal M. O., Ucerier Z.  
International Polymer Processing, vol.33, no.2, pp.268-275, 2018 (SCI-Expanded)

## Articles Published in Other Journals

- I. Lityumun Cevherden ve Atık Pillerden Kazanımı**  
Üçerler Z., Güney A.  
TURKCHEM, no.82, pp.8-14, 2021 (Non Peer-Reviewed Journal)

## Books & Book Chapters

- I. Hidromanyezit/Hunitit**  
Üçerler Z., Kangal M. O.  
in: Endüstriyel Mineraller El Kitabı, Prof. Dr. A. Ekrem Yüce, Prof. Dr. Güven Önal, Prof. Dr. M. Olgaç Kangal, Dündar Ergunalp, Editor, İstanbul Maden İhracatçılar Birliği, İstanbul, pp.121-128, 2023
- II. Lityum**  
Üçerler Z.  
in: Endüstriyel Mineraller El Kitabı, Prof. Dr. Ekrem Yüce, Prof. Dr. Güven Önal, Prof. Dr. M. Olgaç Kangal, Dündar Ergunalp, Editor, İstanbul Maden İhracatçılar Birliği, İstanbul, pp.192-199, 2023

## Refereed Congress / Symposium Publications in Proceedings

- I. Obtaining Zinnwaldite Concentrate from Nepheline Syenite Rocks by Flotation Process**  
Üçerler Z., Güney A.  
17th International Mineral Processing Symposium, İstanbul, Turkey, 15 - 17 December 2022, pp.437-446
- II. 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
- III. The Characterization and Pre-Concentrate Production from Spent Mobile Phone Lithium-Ion Batteries by Physical Separation Methods**  
Üçerler Z., Mennik F., Dinç N. İ., Burat F.  
17th International Mineral Processing Symposium, İstanbul, Turkey, 15 - 17 December 2022, pp.833-840
- IV. Investigation of a Process to Obtain Saleable Wollastonite Concentrate from Wollastonite Ore Containing High Calcite in Kırşehir Region**  
Üçerler Z., Gürkan O. M., Kangal M. O.  
17th International Mineral Processing Symposium, İstanbul, Turkey, 15 - 17 December 2022, pp.511-518
- V. Disposal of Environmental Pollutions Caused by Petroleum and Vegetable Liquid Fuel and Oil by Using Flotation Method**  
Üçerler Z., Güney A., Bayraktar Z.  
17th International Mineral Processing Symposium, İstanbul, Turkey, 15 - 17 December 2022, pp.847-852
- VI. Reducing the Silica Content in Phosphate Concentrates by Reverse Flotation Method**  
Üçerler Z., Şavran C., Tunç B., Gürkan O. M., Bulut G., Sirkeci A. A., Gül A.  
IMPS, İstanbul, Turkey, 15 - 17 October 2022, pp.369-376
- VII. Characterization and Optimization of Lime Production Process**  
özer m., BURAT F., YÜCE A. E., PURAL Y. E., ÜÇERLER Z., st b., ledsome m., ersoy b.  
International Mineral Processing Conference Eurasia (IMPC-EURASIA), 31 October - 02 November 2019, pp.180-

- VIII. **Effects of Fatty Acid Amines on Selective Flotation of Na-Feldspar and Quartz**  
ÜÇERLER Z., BEŞİKTAŞ S. M., KANGAL M. O.  
The 16th International Mineral Processing Symposium, 23 - 25 October 2018, vol.518

## Other Publications

- I. Üçerler Z., Dinç N. İ., Burat F.  
Other, pp.8-12, 2022
- II. **Recycling of Precious Metals from Spent Lithium-Ion Batteries**  
Üçerler Z., Dinç N. İ., Burat F.  
Other, pp.8-14, 2022
- III. **The Recovery of Lithium From Ores and Spent Batteries**  
Üçerler Z., Güney A.  
Other, pp.2-6, 2021

## Metrics

Publication: 18  
Citation (WoS): 6  
Citation (Scopus): 13  
H-Index (WoS): 2  
H-Index (Scopus): 2