

## Res. Asst. Tülay Türk

### Personal Information

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### International Researcher IDs

ScholarID: T

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Publons / Web Of Science ResearcherID: AAD-5296-2022

ScopusID: 57361923500

Yoksis Researcher ID: 304270

### Education Information

Doctorate, İstanbul Technical University, Maden, Cevher Hazırlama Mühendisliği, Turkey 2021 - Continues

Postgraduate, İstanbul Technical University, Maden, Cevher Hazırlama Mühendisliği, Turkey 2018 - 2021

Undergraduate, İstanbul Technical University, Maden, Cevher Hazırlama Mühendisliği, Turkey 2013 - 2018

### Research Areas

Ore-Dressing, Size Reduction and Size Increasing of Solids, Grinding and Abrasion Materials Technology, Communion-Sizing-Classification, Benefication by Gravity, Dense-Medium, Magnetic and Electrostatic, Flotation and Flocculation, Dewatering, Agglomeration, Process and Plant Design, Chemical-Biological Winning Techniques and Mineral Processing

### Academic Titles / Tasks

Research Assistant, İstanbul Technical University, Maden, Cevher Hazırlama Mühendisliği, 2019 - Continues

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

#### I. Extraction of KCl from Potassium Feldspar by Various Inorganic Salts

Türk T., Kangal M. O.

Minerals, vol.13, no.10, 2023 (SCI-Expanded)

#### II. Enrichment of wollastonite with high calcite content

Şavran C., Türk T., Irgasheva G., Kangal M. O.

PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.58, no.5, 2022 (SCI-Expanded)

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

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

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

### Refereed Congress / Symposium Publications in Proceedings

- I. Enrichment of chromite tailings**  
Türk T., Dinç N. I., Gürkan O. M., Kangal M. O.  
XVIIth International Mineral Processing Symposium, İstanbul, Turkey, 15 - 17 December 2022, pp.277-283
- II. Reduction of iron content of potassium feldspars in Malatya Region**  
Türk T., Dinç N. I., Kangal M. O.  
XVIIth International Mineral Processing Symposium, İstanbul, Turkey, 15 - 17 December 2022, pp.361-368
- III. Recycling of tile waste**  
Türk T., Gömeç M., Kangal M. O.  
XVIIth International Mineral Processing Symposium, İstanbul, Turkey, 15 - 17 December 2022, pp.793-799
- IV. Developments in flotation technology**  
Türk T., Göçer S., Güner M. K., Ersoy B., Kalyoncu E., Bulut G.  
International Mineral Processing Conference Eurasia 2019, IMPC-EURASIA 2019, Antalya, Turkey, 31 October - 02 November 2019, pp.310-321
- V. Alteration of Surface Morphology in Barite and Colemanite**  
Türk T., Tunç B., Güven O., Çelik M. S.  
XVIIth Balkan Mineral Processing Congress (BMPC 2019), Durres, Albania, 23 - 26 May 2019, pp.167-174
- VI. Effect of Grinding Time on Particle Shape in Barite/SDS Flotation System**  
Türk T., Perek K. T., Çelik M. S.  
XVIth International Mineral Processing Symposium, Antalya, Turkey, 23 - 25 October 2018, pp.377-381
- VII. Determination of Particle Shape Properties of Barite**  
Türk T., Perek K. T.  
Student Graduation Design Projects in Earth Sciences Symposium and Exhibition, İstanbul, Turkey, 11 June 2018, pp.535-538
- VIII. Colloidal properties of titanium dioxide stabilized pickered emulsions**  
Türk T., Güven O., Çelik M. S.  
XVIIth Balkan Mineral Processing Congress, Antalya, Turkey, 1 - 03 November 2017, pp.305-310

## Supported Projects

Kangal M. O., Türk T., Project Supported by Higher Education Institutions, Mineral Esası Alev Geciktiricilerin Farklı Tür Polimerler Üzerindeki Etkileri, 2022 - Continues

## Metrics

Publication: 15  
Citation (WoS): 3  
Citation (Scopus): 7  
H-Index (WoS): 1  
H-Index (Scopus): 1

## Non Academic Experience

TÜBİTAK  
Türk Maadin Şirketi A.Ş.  
Gümüştaş Madencilik