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### Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: G-5939-2013

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### Araştırma Alanları

Kimyasal-Biyolojik Kazanma Teknikleri ve Cevher Hazırlama

### Akademik Unvanlar / Görevler

Prof. Dr., Hacettepe Üniversitesi, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2016 - Devam Ediyor

Doç. Dr., Hacettepe Üniversitesi, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2010 - 2016

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **Direct conversion of alkaline earth metal hydroxides and sulfates to carbonates in ammonia solutions**  
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- IV. **Effect of heating on structure and leaching characteristics of a zinc carbonate ore**  
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- V. **Conversion behaviours of Sr- and Ca-containing solids in dissolved carbonate containing alkaline pregnant zinc leaching solutions**  
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- IX. **Interaction of natural and thermally processed vermiculites with gaseous carbon dioxide during mechanical activation**  
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- X. **The effects of LiOH and NaOH on the carbonation of SrSO<sub>4</sub> by dry high-energy milling**  
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- XI. **Interaction of Celestine Concentrate and Reagent Grade SrSO<sub>4</sub> with Oxalate Solutions**  
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- XII. **Dissolution behaviour of a Turkish lateritic nickel ore**  
GİRGIN İ., OBUT A., ÜÇYILDIZ A.  
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- XIII. **Structural changes in olivine (Mg, Fe)(<sub>2</sub>)SiO<sub>4</sub> mechanically activated in high-energy mills**  
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- XIV. **Thermal syntheses of magnesium borate compounds from high-energy milled MgO-B<sub>2</sub>O<sub>3</sub> and MgO-B(OH)(<sub>3</sub>) mixtures**  
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- XV. **Direct conversion of celestine to SrS by microwave heating**  
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## **Diğer Dergilerde Yayınlanan Makaleler**

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Eskişehir Osmangazi Üniversitesi mühendislik ve mimarlık fakültesi dergisi (online), cilt.30, sa.2, ss.211-219, 2022 (Hakemli Dergi)
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- III. **DISSOLUTION PROPERTIES OF A DOLOMITE CONTAINING ZINC ORE IN SODIUM HYDROXIDE SOLUTIONS**  
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- V. **Sedimentation characteristics of kaolin and bentonite in concentrated solutions**  
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## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Effect Of Sulphuric Acid Addition On Thermal Behaviour Of A Limonitic Nickel Laterite Ore**  
ÜÇYILDIZ A., Ünalı Ç. T., OBUT A., GİRGİN İ.  
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- II. **A Comparative Dry Grinding Study Of A Natural And A Heated Vermiculite**  
EHSANİ İ., TOPRAK N. A., ALTUN O., ÜÇYILDIZ A., OBUT A.  
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- III. **Effects Of Different Initial Magnesium Compounds On The Preparation Of Magnesium Orthoborate**  
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- IV. **Leaching Of A Commercial Vermiculite In H<sub>2</sub>SO<sub>4</sub> Solutions**  
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- V. **Preparation Of Strontium Hexaferrite Powders Using SrSO<sub>4</sub> And Fe<sub>3</sub>O<sub>4</sub>**  
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- VI. **Structure And Colour Properties Of Nickel Containing Magnesium Borates**  
ÜÇYILDIZ A., GİRGİN İ., OBUT A.  
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- VII. **Kobalt İçeren Magnezyum Boratların Sentezlenmesi Ve Karakterizasyonu**  
GİRGİN İ., OBUT A., ÜÇYILDIZ A., KARAN B., Balaz P.  
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- VIII. **Interaction Of Sodium Silicate With Na<sub>2</sub>B<sub>4</sub>O<sub>7</sub> 10H<sub>2</sub>O And NaBH<sub>4</sub>**  
OBUT A., GİRGİN İ.  
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- IX. **High Energy Milling Of Sodium Silicate And Borate Compounds**  
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- X. **Interaction Between MgO And B OH 3 Under High Energy Milling**  
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- XI. **Nd Fe B Alaşımli kalıcı Mıknatısların İnce Tane Boyunda Seramik Hammaddelerinin Yaş Manyetik Zenginleştirmede Kullanılması**  
GÜLSOY Ö. Y., ORHAN E. C., DİKMEN S., OBUT A.  
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- XII. **10B İzotopu Ayırım Yöntemleri Ve Kullanım Alanları**  
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- XIII. **Magnezyum Boratların Sentezlenmesi Ve Tanımlanması**  
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- XIV. **Kırka A Konsantratörü Performans Değerlendirme Çalışmaları**  
ERGÜN Ş. L., GÜLSOY Ö. Y., ORHAN E. C., OBUT A., DİKMEN S., HASOY H.  
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- XV. **Investigation on the Alternatives to Obtain Finer Flotation Feed at Küre Grinding Circuit by Simulation**  
ERGÜN Ş. L., EKMEKÇİ Z., GÜLSOY Ö. Y., CAN N. M., ORHAN E. C., DİKMEN S., OBUT A.  
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## Metrikler

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