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Research Areas

Mining Engineering and Technology, Ore-Dressing, Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Abdullah Gul University, Mühendislik Fakültesi, Nanoteknoloji Mühendisliği, 2019 - Continues

Research Assistant, Cukurova University, Mühendislik Fakültesi, Maden Mühendisliği, 2012 - 2019

Expert, Cukurova University, -----, ÇUKUROVA UNIVERSITY OCCUPATIONAL HEALTH and SAFETY EDUCATION RESEARCH and APPLICATION CENTER (ÇİSAM), 2014 - 2018

Research Assistant, Gazi University, Yabancı Diller Yüksekokulu, Yabancı Diller, 2011 - 2012

Research Assistant, Abdullah Gul University, Mühendislik Fakültesi, Maden Mühendisliği, 2011 - 2012

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Pb-Zn recovery from a malic leach solution of a carbonate type ore flotation tailing by precipitation and solvent extraction**
Hussaini S., Tita A. M. , Kurşunoğlu S., Top S., Ichlas Z. T. , Kar U., Kaya M.
Separation and Purification Technology, vol.272, 2021 (Journal Indexed in SCI Expanded)
- II. **Testing of 17-different leaching agents for the recovery of zinc from a carbonate-type Pb-Zn ore flotation tailing**
Hussaini S., KURŞUNOĞLU S., TOP S., Ichlas Z. T. , KAYA M.
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- III. **Ultrasonic-assisted production of precipitated calcium carbonate particles from desulfurization gypsum**
Altiner M., Top S., Kaymakoglu B.
ULTRASONICS SONOCHEMISTRY, vol.72, 2021 (Journal Indexed in SCI)
- IV. **Production of mixed rare earth oxide powder from a thorium containing complex Bastnasite ore**
KURŞUNOĞLU S., Hussaini S., TOP S., Ichlas Z. T. , GÖKÇEN H. S. , Ozsarac S., KAYA M.
POWDER TECHNOLOGY, vol.379, pp.641-654, 2021 (Journal Indexed in SCI)
- V. **REMOVAL OF HEAVY METALS FROM WASTEWATER SOLUTION USING A MECHANICALLY ACTIVATED NOVEL ZEOLITIC MATERIAL**
Uçkun Ş., Sarıkaya M., Top S., Timür İ.
Journal Of Mining Science, vol.56, no.6, pp.1010-1023, 2020 (Journal Indexed in SCI Expanded)
- VI. **Recovery of zinc and lead from Yahyali non-sulphide flotation tailing by sequential acidic and sodium hydroxide leaching in the presence of potassium sodium tartrate**
KURŞUNOĞLU S., TOP S., KAYA M.
TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA, vol.30, no.12, pp.3367-3378, 2020 (Journal

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- VII. **Production of Alpha-Alumina from Black Aluminum Dross Using NaOH Leaching Followed by Calcination**
TÜRK M., ALTINER M., TOP S., KARACA S., Bouchekrit C.
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- VIII. **Effects of leaching parameters on the dissolution of nickel, cobalt, manganese and iron from Caldag lateritic nickel ore in hydrochloric acid solution**
TOP S., KURŞUNOĞLU S., Ichlas Z. T.
CANADIAN METALLURGICAL QUARTERLY, 2020 (Journal Indexed in SCI)
- IX. **Comparison of iron ores upgraded with Falcon concentrator and magnetic separators assisted by coal reduction-conversion process**
VAPUR H., TOP S., ALTINER M., UCKUN S., SARIKAYA M.
PARTICULATE SCIENCE AND TECHNOLOGY, vol.38, no.4, pp.409-418, 2020 (Journal Indexed in SCI)
- X. **Properties of fly ash-based lightweight geopolymer concrete prepared using pumice and expanded perlite as aggregates**
TOP S., VAPUR H., ALTINER M., KAYA D., EKİCİBİL A.
Journal of Molecular Structure, vol.1202, 2020 (Journal Indexed in SCI)
- XI. **Separation of Fe and Mn from Manganiferous Iron Ores via Reductive Acid Leaching Followed by Magnetic Separation**
TOP S.
MINING METALLURGY & EXPLORATION, vol.37, no.1, pp.297-309, 2020 (Journal Indexed in SCI)
- XII. **Selective leaching of a mixed nickel-cobalt hydroxide precipitate in sulphuric acid solution with potassium permanganate as oxidant**
Hussaini S., Ichlas Z. T., TOP S., KURŞUNOĞLU S., KAYA M.
Separation Science and Technology (Philadelphia), 2020 (Journal Indexed in SCI Expanded)
- XIII. **Production of precipitated calcium carbonate particles from gypsum waste using venturi tubes as a carbonation zone**
ALTINER M., TOP S., Kaymakoglu B., SEÇKİN İ. Y., VAPUR H.
JOURNAL OF CO2 UTILIZATION, vol.29, pp.117-125, 2019 (Journal Indexed in SCI)
- XIV. **Characterization of zeolites synthesized from porous wastes using hydrothermal agitational leaching assisted by magnetic separation**
TOP S., VAPUR H., EKİCİBİL A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1163, pp.4-9, 2018 (Journal Indexed in SCI)
- XV. **Effect of basaltic pumice aggregate addition on the material properties of fly ash based lightweight geopolymer concrete**
TOP S., VAPUR H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1163, pp.10-17, 2018 (Journal Indexed in SCI)
- XVI. **Preparation of synthetic carnallite and amorphous silica from chromite beneficiation plant tailings**
Top S., Yıldırım M.
GOSPODARKA SUROWCAMI MINERALNYMI-MINERAL RESOURCES MANAGEMENT, vol.33, pp.5-23, 2017 (Journal Indexed in SCI)
- XVII. **PURIFICATION OF FELDSPAR FROM COLORED IMPURITIES USING ORGANIC ACIDS**
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- XVIII. **Comparison of coal-based energy production with other resources to determine an effective method in Turkey**
VAPUR H., TOP S.
ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY, vol.12, no.3, pp.282-288, 2017 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Assessment of Rock Aggregate Quality Through the Analytic Hierarchy Process (AHP)**
KÖKEN E., TOP S., ÖZARSLAN A.
GEOTECHNICAL AND GEOLOGICAL ENGINEERING, vol.38, no.5, pp.5075-5096, 2020 (Journal Indexed in ESCI)
- II. **EXTRACTION OF LANTHANUM AND CERIUM FROM A BASTNASITE ORE BYDIRECT ACIDIC LEACHING**
KURŞUNOĞLU S., TOP S., Hussaini S., GÖKÇEN H. S. , ALTINER M., ÖZSARAÇ Ş., KAYA M.
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- III. **Artık malzemelerden Box Behnken test dizaynı kullanılarak hafif geopolimer beton üretimi**
TOP S., VAPUR H.
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, vol.11, no.2, pp.689-700, 2020 (Other Refereed National Journals)
- IV. **Zeolite Synthesis by Alkali Fusion Method Using Two Different Fly Ashes Derived From Turkish Thermal Power Plants**
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- V. **Effective Processing of Specularite Ore by Wet Magnetic Separation and Reverse Flotation Techniques**
Al-Dhubaibi A. M. , Vapur H., Top S.
HITTITE JOURNAL OF SCIENCE & ENGINEERING, vol.6, no.3, pp.201-208, 2019 (International Refereed University Journal)
- VI. **Evolution of Energy Strategies in Turkey: Forecasts by Time Series**
TOP S., VAPUR H.
Journal of Energy Research and Reviews, vol.1, no.4, pp.1-16, 2018 (Refereed Journals of Other Institutions)
- VII. **Spekülarit Cevherinin Kalite Özelliklerinin İyileştirilmesi**
Vapur H., Top S.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.31, pp.293-300, 2016 (Other Refereed National Journals)
- VIII. **Kromit Konsantrasyon Tesisi Artıklarından Magnezyum Sülfat MgSO₄ Sentezi**
Top S., Yıldırım M.
Madencilik, vol.54, pp.37-46, 2015 (Other Refereed National Journals)
- IX. **Magnesium sulphate (MgSO₄) synthesis from chromite concentration plant tailings Kromit konsantrasyon tesisi artıklarından magnezyum sülfat (MgSO₄) sentezi**
TOP S., YILDIRIM M.
Madencilik, vol.54, no.1, pp.37-46, 2015 (Refereed Journals of Other Institutions)
- X. **Adana Aladağ Kromit Zenginleştirme Tesisi Artıklarından Kromit Kazanımı**
TOP S., YILDIRIM M.
Çukurova Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.32, pp.137-146, 2015 (Other Refereed National Journals)
- XI. **Elazığ Ferro krom Tesisi Cürufalarının Agrega Özelliklerinin Araştırılması**
VAPUR H., TOP S., TEYMEN A., TÜRKMEÑOĞLU M.
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Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of High Temperature on the Strength of Geopolymer Concrete Produced from Industrial Tailings**
Top S., Timür İ., Köken E., Kurşunoğlu S., Vapur H.
6 th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), Niğde,

Turkey, 16 - 18 November 2019, pp.364-370

- II. **Synthesis of Calcium Magnesium Acetate (CMA) Deicer from Dolomite**
Kurşunoğlu S., Köken E., Top S.
6 th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), Niğde, Turkey, 16 - 18 November 2019, pp.357-363
- III. **Magnetic separation of iron ores after hematite-magnetite conversion**
TOP S., UÇKUN Ş., VAPUR H., ALTINER M., SARIKAYA M.
5 th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2018), Kapadokya, Turkey, 4 - 06 October 2018
- IV. **TÜRKİYE'DEKİ İŞ KAZALARININ BAZI ÜLKELERLE KIYASLANMASI**
DEMİREL TOP E., ÇETİNKAYA Ç., TOP S., YAPICI N.
II. Uluslararası Multidisipliner Çalışmaları Kongresi, Adana, Turkey, 4 - 05 May 2018, vol.3, pp.279-292
- V. **TÜRKİYE'DEKİ İŞ KAZASI KAYNAKLI ÖLÜMLERİNİSTATİSTİKSEL DEĞERLENDİRMESİ**
ÇETİNKAYA Ç., DEMİREL TOP E., TOP S., YAPICI N.
II. Uluslararası Multidisipliner Çalışmaları Kongresi, Adana, Turkey, 4 - 05 May 2018, vol.3, pp.293-303
- VI. **KROMİT ZENGİNLEŞTİRME TESİSİ ARTIKLARININ GERİKAZANIMI ÜZERİNE DENEYSEL BİR ÇALIŞMA: ADANAALADAĞÖRNEĞİ**
ŞEFLEK C., TOP S., ERYILMAZ G. D.
ULUSLARARASI MADENCİLİK VE ÇEVRE SEMPOZYUMU, Bodrum, Turkey, 27 September - 29 December 2017, pp.1015-1028
- VII. **EMPIRICAL APPLICATIONS OF FINE-KINNEY AND FAULTTREE RISK ANALYSIS METHODS FOCUSED ON THERISKS IN ORE DRESSING PLANTS**
TOP S., DEMİREL TOP E., VAPUR H.
International Symposium on Occupational Health and Safety in Mining'2017, Adana, Turkey, 2 - 03 November 2017, pp.788-797
- VIII. **Doğu Akdeniz ve KKTC SAHİL KUMLARINDAKİ AĞIR METAL DAĞILIMININ İNCELENMESİ**
DEMİREL e., TOP S., YAPICI N.
Uluslararası Maden işletmelerinde iş güvenliği sempo., Adana, Turkey, 2 - 03 November 2017
- IX. **DOĞU AKDENİZ VE KKTC SAHİL KUMLARINDAKİ AĞIRMETAL DAĞILIMLARININ İNCELENMESİ**
Demirel TOP E., TOP S., YAPICI N., MEMİŞ O.
International Symposium on Occupational Health and Safety in Mining'2017, Adana, Turkey, 2 - 03 November 2017, pp.739-757
- X. **Upgrading the Chromite Content in the Silica Fume by AlkaliAgitating Leaching**
TOP S., VAPUR H.
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1057-1060
- XI. **A research for the Characterization of Coastal Sands in East Mediterranean and TRNC by ArcGIS**
DEMİREL e., TOP S., YAPICI N.
Uluslararası Symposium on GIS Application, Çanakkale, Turkey, 18 - 21 October 2017
- XII. **Metal Döküm işlerinin İş Güvenliği Yönünden İncelenmesi**
MEMİŞ o., DEMİREL e., TOP S., YAPICI N., ÇİÇEK H.
Uluslararası maden işletmelerinde İşçi Sağlığı, Adana, Turkey, 2 - 03 October 2017
- XIII. **Hydrothermal Synthesis of Zeolite Na-P1 from Sugözü Thermic Power Plant Fly Ashes**
TOP S., EKİCİBİL A., VAPUR H.
4th International conference on materials science and nanotechnology for next generation (MSNG2017), Saray Bosna, Bosnia And Herzegovina, 28 - 30 June 2017
- XIV. **Effect of Basaltic Pumice Aggregate Addition on the Strength of Fly Ash Based Lightweight Geopolymer Concrete**
TOP S., VAPUR H., EKİCİBİL A.
4th International conference on materials science and nanotechnology for next generation (MSNG2017), Sarajevo, Bosnia And Herzegovina, 28 - 30 June 2017, pp.29

- XV. **BENEFICIATION OF SORGUN LIGNITS BY FLOTATION**
TOP S., VAPUR H.
Uluslararası Katılımlı 40. Yıl Jeoloji Sempozyumu, Adana, Turkey, 3 - 06 May 2017, pp.193-194
- XVI. **Determination of Fine Grinding Characteristics of Some Industrial Ores by Stirred Ball Mill**
VAPUR H., TOP S.
1st International Mediterranean SCIENCE AND ENGINEERING CONGRESS, Adana, Turkey, 26 - 28 October 2016, pp.341-346
- XVII. **Fly Ash and Industrial Slag Based Geopolymer Concrete Production**
TOP S., VAPUR H., TAYKURT DADAY M.
1st International Mediterranean SCIENCE AND ENGINEERING CONGRESS, Adana, Turkey, 26 - 28 October 2016, pp.4071-4076
- XVIII. **OHS Problems in Basic Ore Beneficiation Plants of Adana Region and Investigation of Dangers in terms of Risk Analysis**
TOP S., VAPUR H.
8th International Conference On Occupational Safety & Health, İstanbul, Turkey, 8 - 11 May 2016
- XIX. **İSG Yönünden Cevher Hazırlama Proseslerindeki Problemler ve Önerilen Çözümler**
TOP S., VAPUR H.
Maden İşletmelerinde İşçi Sağlığı ve İş Güvenliği Sempozyumu, Adana, Turkey, 21 - 22 December 2015, pp.275-288
- XX. **Türkiye deki Fosil Yenilenebilir Enerji Kaynakları ve Sürdürülebilir Madencilğe Genel Bir Bakış**
TOP S., VAPUR H.
V. Madencilik ve Çevre Sempozyumu, Antalya, Turkey, 26 - 27 November 2015, pp.15-29
- XXI. **REMOVAL OF IRON CONTENT IN FELDSPAR ORES BY LEACH ING WITH ORGANIC ACIDS**
Vapur H., Demirci S., Top S., Altiner M.
XVI Balkan Mineral Processing Congress, Belgrade, Serbia And Montenegro, 15 - 17 June 2015, pp.761-766
- XXII. **Investigation of the Enrichment Possibilities of Teckrom Mining Company Tailings**
VAPUR H., TOP S., DEMİRCİ S., DEVELİ Y., SİRKECİ A. A.
14th International Mineral Processing Smyposium, Aydın, Turkey, 15 - 17 November 2014, pp.183-190
- XXIII. **Investigation of the beneficiation of low grade manganese ores Düşük tenörlü manganez cevherlerinin zenginleştirilmesinin araştırılması**
BAYAT O., ALTINER M., TOP S.
23rd International Mining Congress and Exhibition of Turkey, IMCET 2013, Antalya, Turkey, 16 - 19 April 2013, vol.2, pp.951-958

Supported Projects

Top S., Kurşunoğlu S., Köken E., Altiner M., TUBITAK Project, Manganlı Demir Cevherinden Yüksek Tenörlü Mangan (Mn) ve Demir (Fe) Kazanımı İçin Bir Üretim Yönteminin Geliştirilmesi, 2019 - 2021

Citations

Total Citations (WOS):51

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