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### Advising Theses

TOPKAYA Y. A. , ALTUN N. E. , Investigation of the pre-concentration possibility of scandium ores, Post Graduate, Y.ALTINSEL(Student), 2018

TOPKAYA Y. A. , GÜRBÜZ R., Solvent extraction of scandium from pregnant leach solution of nickel laterites, Post Graduate, E.FERİZOĞLU(Student), 2017

TOPKAYA Y. A. , EXTRACTION OF SCANDIUM FROM A LATERITIC NICKEL-COBALT ORE BY MEANS OF HYDROMETALLURGICAL TECHNIQUES, Doctorate, Ş.KAYA(Student), 2016

TOPKAYA Y. A. , Comparative study of high pressure and atmospheric acid leaching for the extraction of nickel and cobalt from refractory nickel laterite ores, Post Graduate, K.KORKMAZ(Student), 2014

TOPKAYA Y. A. , Optimization of ferronickel production from Sivrihisar nickel laterite ore, Doctorate, S.POURNADERI(Student), 2014

TOPKAYA Y. A. , Extraction of nickel and cobalt from lateritic ores by nitric acid / , Post Graduate, O.SAKA(Student), 2014

TOPKAYA Y. A. , Investigation of the production of silicon nitride from Turkish rice husks, Post Graduate, B.YİĞİT(Student), 2014

TOPKAYA Y. A. , Pressure leaching of Caldag lateritic nickel ore, Post Graduate, M.ALİ(Student), 2013

TOPKAYA Y. A. , Pressure leaching of Sivrihisar-Yunusemre nickel laterites, Post Graduate, B.SEÇEN(Student), 2011

TOPKAYA Y. A. , High pressure acid leaching of Turkish laterites, Post Graduate, Ş.KAYA(Student), 2011

TOPKAYA Y. A. , Hydrometallurgical processing of lateritic nickel ores, Post Graduate, C.HAKKI(Student), 2010

TOPKAYA Y. A. , Recovery of zinc and lead from ÇİNKUR leach residues by using hydrometallurgical techniques, Post Graduate, A.RÜŞEN(Student), 2007

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

- I. **USE OF COLEMANITE IN FERRONICKEL SMELTING**  
KESKİNKILIÇ E., Pournaderi S., GEVECİ A., TOPKAYA Y. A.  
JOURNAL OF MINING AND METALLURGY SECTION B-METALLURGY, vol.55, no.1, pp.1-8, 2019 (Journal Indexed in SCI)
- II. **Solvent extraction behaviour of scandium from lateritic nickel-cobalt ores using different organic reagents**  
Ferizoglu E., Kaya S., Topkaya Y. A.  
PHYSICO-CHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.54, no.2, pp.538-545, 2018 (Journal Indexed in SCI)
- III. **Laboratory-scale smelting of limonitic laterite ore from Central Anatolia**  
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JOURNAL OF THE SOUTHERN AFRICAN INSTITUTE OF MINING AND METALLURGY, vol.117, no.7, pp.695-703, 2017 (Journal Indexed in SCI)
- IV. **Volume combustion and mechanochemical syntheses of LaB<sub>6</sub>**  
Akgun B., Sevinc N., ÇAMURLU H. E. , TOPKAYA Y. A.  
INTERNATIONAL JOURNAL OF MATERIALS & PRODUCT TECHNOLOGY, vol.55, no.4, pp.331-339, 2017 (Journal Indexed in SCI)

- V. **Investigation of Copper Losses to Synthetic Slag at Different Oxygen Partial Pressures in the Presence of Colemanite**  
RÜŞEN A., Derin B., GEVECİ A., TOPKAYA Y. A.  
JOM, vol.68, no.9, pp.2316-2322, 2016 (Journal Indexed in SCI)
- VI. **Effects of Some Additives on Copper Losses to Matte Smelting Slag**  
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- VII. **Pressure acid leaching of Caldag lateritic nickel ore: An alternative to heap leaching**  
Onal M. A. R. , TOPKAYA Y. A.  
HYDROMETALLURGY, vol.142, pp.98-107, 2014 (Journal Indexed in SCI)
- VIII. **Reducibility of nickeliferous limonitic laterite ore from Central Anatolia**  
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- IX. **Mechanochemical and combustion synthesis of CeB<sub>6</sub>**  
Akgun B., SEVİNÇ N., ÇAMURLU H. E. , Topkaya Y.  
INTERNATIONAL JOURNAL OF MATERIALS RESEARCH, vol.104, no.4, pp.403-407, 2013 (Journal Indexed in SCI)
- X. **Minimization of copper losses to slag in matte smelting by colemanite addition**  
Rusen A., GEVECİ A., TOPKAYA Y. A.  
SOLID STATE SCIENCES, vol.14, pp.1702-1704, 2012 (Journal Indexed in SCI)
- XI. **Calcination characteristics of laterite ores from the central region of Anatolia**  
KESKİNKILIÇ E., Pournaderi S., GEVECİ A., TOPKAYA Y. A.  
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- XII. **Investigation of effect of colemanite addition on copper losses in matte smelting slag**  
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- XIII. **Mechanochemical and volume combustion synthesis of ZrB<sub>2</sub>**  
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INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS, vol.29, no.5, pp.601-607, 2011 (Journal Indexed in SCI)
- XIV. **High pressure acid leaching of a refractory lateritic nickel ore**  
MUTLU KAYA S., TOPKAYA Y. A.  
MINERALS ENGINEERING, vol.24, no.11, pp.1188-1197, 2011 (Journal Indexed in SCI)
- XV. **Hydrometallurgical processing of nontronite type lateritic nickel ores by MHP process**  
Kose C. H. , TOPKAYA Y. A.  
MINERALS ENGINEERING, vol.24, no.5, pp.396-415, 2011 (Journal Indexed in SCI)
- XVI. **Catalytic effect of alkaline earth oxides on carbothermic formation of hexagonal boron nitride**  
ÇAMURLU H. E. , Topkaya Y., SEVİNÇ N.  
CERAMICS INTERNATIONAL, vol.35, no.6, pp.2271-2275, 2009 (Journal Indexed in SCI)
- XVII. **Extraction of nickel from lateritic ores at atmospheric pressure with agitation leaching**  
Buyukakinci E., TOPKAYA Y. A.  
HYDROMETALLURGY, vol.97, pp.33-38, 2009 (Journal Indexed in SCI)
- XVIII. **Rare earth double sulfates from pre-concentrated bastnasite**  
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- XIX. **Zinc and lead extraction from Cinkur leach residues by using hydrometallurgical method**  
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- XX. **Recovery of germanium and other valuable metals from zinc plant residues**  
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- XXI. **Formation of TiB<sub>2</sub> by volume combustion and mechanochemical process**  
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- XXII. **Effect of calcium carbonate addition on carbothermic formation of hexagonal boron nitride**  
 ÇAMURLU H. E. , SEVİNÇ N., Topkaya Y.  
 JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.28, no.3, pp.679-689, 2008 (Journal Indexed in SCI)
- XXIII. **Desulphurization characteristics of ladle furnace slags of a low sulphur steel**  
 Keskinilic E., Geveci A., Topkaya Y. A.  
 CANADIAN METALLURGICAL QUARTERLY, vol.46, no.4, pp.391-396, 2007 (Journal Indexed in SCI)
- XXIV. **Role of boron carbide in carbothermic formation of hexagonal boron nitride**  
 Camurlu H. E. , Sevinc N., Topkaya Y.  
 JOURNAL OF MATERIALS SCIENCE, vol.41, no.15, pp.4921-4927, 2006 (Journal Indexed in SCI)
- XXV. **Slag treatment at Kardemir integrated iron and steel works**  
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- XXVI. **Sulfuric acid leaching of Turkish chromite concentrate**  
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 MINERALS ENGINEERING, vol.15, no.11, pp.885-888, 2002 (Journal Indexed in SCI)
- XXVII. **Acid curing and baking of bastnaesite ore and concentrate**  
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 RARE EARTHS '98, pp.530-536, 1999 (Journal Indexed in SCI)
- XXVIII. **LEACHING BY FERRIC SULFATE OF RAW AND CONCENTRATED COPPER-ZINC COMPLEX SULFIDE ORES**  
 BUTTINELLI D., LAVECCHIA R., POCHETTI F., GEVECI A., GURESIN N., TOPKAYA Y.  
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### **Refereed Congress / Symposium Publications in Proceedings**

- I. **Smelting Studies for Recovery of Iron from Red Mud**  
 KESKİNKİLİÇ E., Pournaderi S., GEVECI A., TOPKAYA Y. A.  
 10th International Symposium on High-Temperature Metallurgical Processing, San-Antonio, Northern Mariana Islands, 01 January 2019, pp.489-499
- II. **Solvent extraction of scandium from lateritic nickel- cobalt ores using different organic reagents**  
 Ferizoglu E., Kaya S., Topkaya Y. A.  
 Mineral Engineering Conference (MEC), Swieradow Zdroj, Poland, 25 - 28 September 2016, vol.8
- III. **A STUDY ON THE CHARACTERIZATION OF NICKEL LATERITES OF CENTRAL ANATOLIA**  
 KESKİNKİLİÇ E., Pournaderi S., GEVECI A., TOPKAYA Y. A.  
 7th International Symposium on High-Temperature Metallurgical Processing held during TMS 145th Annual Meeting and Exhibition, Tennessee, United States Of America, 14 - 18 February 2016, pp.403-410
- IV. **PRODUCTION OF CRUDE FERRONICKEL FROM SIVRIHISAR LATERITE ORES OF TURKEY**  
 KESKİNKİLİÇ E., Pournaderi S., GEVECI A., TOPKAYA Y. A.  
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- V. **STUDY OF CERTAIN PARAMETERS IN LABORATORY-SCALE SMELTING OF SIVRIHISAR LATERITE ORES OF TURKEY**  
 KESKİNKİLİÇ E., Pournaderi S., GEVECI A., TOPKAYA Y. A.  
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- VI. **CALCINATION BEHAVIOR OF SIVRIHISAR LATERITE ORES OF TURKEY**  
 KESKİNKİLİÇ E., Pournaderi S., GEVECI A., TOPKAYA Y. A.

2nd International Symposium on High-Temperature Metallurgical Processing held during the TMS 140th Annual Meeting & Exhibition, California, United States Of America, 27 February - 03 March 2011, pp.319-326

**VII. Production of rare earth ferrosilicide alloy**

TOPKAYA Y. A. , GEVECİ A., Turgay O.

Sohn International Symposium on Advanced Processing of Metals and Materials, California, United States Of America, 27 - 31 August 2006, pp.371-383

**VIII. Desulfurization in the ladle furnace using industrial slags**

GEVECİ A., Keskinilic E., TOPKAYA Y. A.

Sohn International Symposium on Advanced Processing of Metals and Materials, California, United States Of America, 27 - 31 August 2006, pp.317-319

**IX. Production of boron nitride by carbothermic and mechanochemical methods, and nanotube formation**

Camurlu H., Aydogdu A., Topkaya Y., Sevinc N.

Conference of the NATO-Advanced-Study-Institute on Nanoengineered Nanofibrous Materials, Belek-Antalya, Turkey, 1 - 12 September 2003, vol.169, pp.115-120

**X. Recovery of rare earths from a bastnaesite preconcentrate**

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**XI. Oxidative pressure leaching of Cayeli zinc sulphide concentrate**

Guresin N., Topkaya Y., Geveci A.

6th International Mineral Processing Symposium, KUSADASI, Turkey, 24 - 26 September 1996, pp.525-530

**XII. METALLURGICAL EXTRACTION OF RARE-EARTH ELEMENTS FROM BEYLİKAHIR COMPLEX ORE**

TOPKAYA Y., AKKURT S., OZBAYOĞLU G.

5th International Mineral Processing Symposium, CAPPADOCIA, Turkey, 6 - 08 September 1994, pp.283-288

## Supported Projects

TOPKAYA Y. A. , Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

TOPKAYA Y. A. , Project Supported by Higher Education Institutions, Hidrometalurjik Tekniklerle Lateritik Bir Nikel-Kobalt Cevherinden Skandiyum Ekstraksiyonu, 2014 - 2014

TOPKAYA Y. A. , Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

TOPKAYA Y. A. , KORKMAZ K., Project Supported by Higher Education Institutions, REFRAKTER LATERİTİK NİKEL CEVHERLERİNDEN NİKEL VE KOBALTIN EKTRASYONU, 2013 - 2013

TOPKAYA Y. A. , SAKA O., Project Supported by Higher Education Institutions, NİKEL VE KOBALTIN LATERİTİK CEVHERLERDEN NİTRİK ASİT İLE EKSTRAKSİYONU, 2013 - 2013

TOPKAYA Y. A. , POURNADERI S., Project Supported by Higher Education Institutions, PYROMETALLURGICAL NICKEL EXTRACTION FROM TURKISH OXIDE TYPE NICKEL ORES, 2013 - 2013

TOPKAYA Y. A. , ALPAY B. Y. , Project Supported by Higher Education Institutions, TÜRK PİRİNÇ KABUKLARINDAN SİLİSYUM NİTRÜR ÜRETİMİNİN ARAŞTIRILMASI, 2013 - 2013

TOPKAYA Y. A. , ALPAY B. Y. , Project Supported by Higher Education Institutions, TÜRK PİRİNÇ KABUKLARINDAN SİLİSYUM NİTRÜR ÜRETİMİNİN ARAŞTIRILMASI, 2013 - 2013

TOPKAYA Y. A. , Project Supported by Higher Education Institutions, HİDROMETALURJİK TEKNİKLERLE LATERİTİK BİR NİKEL-KOBALT CEVHERİNDEN SKANDİYUM EKSTRAKSİYONU, 2013 - 2013

TOPKAYA Y. A. , pournaderi s., Project Supported by Higher Education Institutions, Sivrihisar Nikel Laterit Cevherinden Ferronikel Üretiminin Optimizasyonu Ve Nikel Verimini Artırmak İçin Bor Bileşiklerinin Kullanımı, 2012 - 2013

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## **Citations**

Total Citations (WOS):592

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