

Assoc. Prof. Yasemen KALPAKLI

Personal Information

Fax Phone: [+90 212 383 4725](tel:+902123834725)

Web: <https://avesis.yildiz.edu.tr/kalpakli>

Post Address: Yıldız Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Kimya Mühendisliği Bölümü, Davutpaşa Kampüsü, 34220, Esenler, İstanbul

Education Information

Doctorate, Yıldız Teknik Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1990 - 1998

Post Graduate, Yıldız Teknik Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1986 - 1989

Under Graduate, Yıldız Teknik Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1982 - 1986

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Bazik Refrakter Endüstrisinde Proses Atıklarının Değerlendirilmesiyle Magnezit Krom Tuğlaların Üretimi, Yıldız Teknik Üniversitesi, Kimya Mühendisliği, Kimya Mühendisliği Bölümü, 1998

Post Graduate, Deterjan İçeren Bir Atık Sudan Lineer Alkil Sülfonat'ın (LAS) Aktif Karbon Adsorpsiyonu İle Temizlenmesi Ve Aktif Karbonun Rejenerasyonu, Yıldız Teknik Üniversitesi, Kimya Mühendisliği, Kimya Mühendisliği Bölümü, 1989

Research Areas

Chemical Engineering and Technology, Chemical Technologies, Environmental Chemistry and Technology, Inorganic Technologies, Quality Control and Management, Catalysis and Catalytic Processes, Physical Chemistry, Chemical Kinetics

Academic Titles / Tasks

Associate Professor, Yıldız Technical University, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Department of Chemical Engineering, 2019 - Continues

Assistant Professor, Yıldız Technical University, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Department of Chemical Engineering, 2018 - 2019

Assistant Professor, Yıldız Technical University, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Department of Chemical Engineering, 2006 - 2018

Research Assistant PhD, Yıldız Technical University, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Department of Chemical Engineering, 1999 - 2006

Courses

Uzmanlık Alan Dersi , Post Graduate, 2009 - 2010, 2011 - 2012, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2017 - 2018, 2019 - 2020

End Atık Karak. Ve Değ I., Post Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2019 - 2020

Mühendisler için Fiziksel Kimya, Under Graduate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020
End. Atık. Karak.Ve Değ.II, Post Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2018 - 2019
Kimya Müh Lab III, Under Graduate, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2011 - 2012, 2013 - 2014, 2014 - 2015,
2015 - 2016, 2017 - 2018, 2018 - 2019
Kimya Müh. Uygulamaları, Under Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018
Kataliz Ve Katalitik Prosesler, Under Graduate, 2014 - 2015, 2015 - 2016, 2017 - 2018
Bitirme Tezi, Under Graduate, 2014 - 2015
Bitirme Çalışması, Under Graduate, 2015 - 2016
Yüksek Lisans Tez Yöneticiliği, Post Graduate, 2015 - 2016
Bitirme Tezi , Under Graduate, 2014 - 2015
Katı ve Sıvı atıkların Değerlendirilmesi, Under Graduate, 2013 - 2014
Kimya Mühendisliği Uygulamaları, Under Graduate, 2014 - 2015
Bitirme Tez, Under Graduate, 2013 - 2014
Yüksek Lisans Tez Yöneticiliği, Post Graduate, 2013 - 2014
Kimya Mühendisliği Tas.Uygulamaları, Under Graduate, 2012 - 2013
Mesleki Terminoloji II, Under Graduate, 2011 - 2012, 2012 - 2013
Endüstriyel.Atıkların Karak. Ve Değ, Post Graduate, 2009 - 2010, 2011 - 2012
Mesleki Termineoloji I , Under Graduate, 2009 - 2010, 2010 - 2011, 2011 - 2012
Yüksek Lisans Tezi, Post Graduate, 2009 - 2010, 2011 - 2012
Kim. Müh. Tasarım Uyg, Under Graduate, 2011 - 2012
Katı ve Sıvı Atık. Değ, Under Graduate, 2009 - 2010
Bitirme Tezi, Under Graduate, 2008 - 2009
Mesleki İngilizce II, Under Graduate, 2008 - 2009, 2009 - 2010

Advising Theses

Kalpaklı Y., Çoklu Döküm Alçı Kalıp Karakterizasyonu Ve Kurutma Parametrelerinin İncelenmesi, Post Graduate, E.LEVENT(Student), 2019
Kalpaklı Y., Al₂O₃-ZrO₂-SiO₂(AZS) Refrakterlerin Korozyon Direncinin İncelenmesi, Post Graduate, İ.Acar(Student), 2017
Kalpaklı Y., Kompozit Fotokatalizörlerin Azo Boyar Madde(BY 28)Oksidasyon Kinetiğinin İncelenmesi, Post Graduate, B.Otsukarcı(Student), 2016
Kalpaklı Y., Modifiye Edilmiş Sepiyolit Üzerine Kurşun (II), Bakır (II) ve Kadmyum (II) İyonlarının Adsorpsiyonu, Post Graduate, H.Meşecikli(Student), 2014
Kalpaklı Y., Modifiye edilmiş sepiyolit üzerine Pb(II), Cu(II) ve Cd(II) iyonlarının adsorpsiyonu, Post Graduate, H.CANSEV(Student), 2014
Kalpaklı Y., Medikal Atıklardan TiO₂ Üretimi, Modifikasyonu ve Uygulama Alanlarının Belirlenmesi, Post Graduate, J.Acer(Student), 2012
Kalpaklı Y., Bentonit-magnetit kompozitlerinin kurşun (II) ve bakır (II) adsorpsiyonunda kullanılması, Post Graduate, E.Atalay(Student), 2011
Kalpaklı Y., Alümina-Spinel-Zirkonya İle Çimentosuz Kendi Kendine Akan Dökülebilir Refrakter Geliştirilmesi, Post Graduate, A.Dombaycı(Student), 2007

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

- **Strutural effect of cationic surfactant on heavy metal removal capacity of raw sepolite**
KALPAKLI Y., Cansev H.
INDIAN JOURNAL OF CHEMICAL TECHNOLOGY, vol.25, pp.61-67, 2018 (Journal Indexed in SCI)
- **Effect of Dye Type on Montmorillonite-Supported Pr-Doped TiO₂ Composite Photocatalyst**
OTSUKARCIB., KALPAKLI Y.
ACTA PHYSICA POLONICA A, vol.130, pp.198-201, 2016 (Journal Indexed in SCI)
- **Equilibrium and kinetic study on the adsorption of basic dye (BY28) onto raw Ca-bentonite**

KALPAKLI Y., TOYGUN S., KONECOGLU G., AKGÜN M.

DESALINATION AND WATER TREATMENT, vol.52, pp.7389-7399, 2014 (Journal Indexed in SCI)

- **Effect of TiO₂ addition on Al₂TiO₅ (tialite) phase evolution of in situ MgAl₂O₄ formation zero cement castable (ZCC)**

Kalpikli Y.

ADVANCES IN APPLIED CERAMICS, vol.113, pp.282-289, 2014 (Journal Indexed in SCI)

- **Thermal behavior and dehydroxylation kinetics of naturally occurring sepiolite and bentonite**

Yılmaz M., KALPAKLI Y., Piskin S.

JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.114, pp.1191-1199, 2013 (Journal Indexed in SCI)

- **Comparative study for physical properties and corrosion mechanism of synthetic and in situ MgAl₂O₄ spinel formation zero cement refractory castables**

Kalpikli Y.

IRONMAKING & STEELMAKING, vol.37, pp.414-424, 2010 (Journal Indexed in SCI)

- **Synthesis and characterization of boehmitic alumina coated graphite by sol-gel method**

Yılmaz S., Kutmen-Kalpikli Y., Yılmaz E.

CERAMICS INTERNATIONAL, vol.35, pp.2029-2034, 2009 (Journal Indexed in SCI)

- **EFFECT OF MAGNESIA ADDITION ON PHYSICAL PROPERTIES AND SLAG ATTACK RESISTANCE OF ULTRA-LOW CEMENT CASTABLES (ULC)**

KALPAKLI Y., Yılmaz S.

CANADIAN METALLURGICAL QUARTERLY, vol.48, pp.177-185, 2009 (Journal Indexed in SCI)

- **Investigation of TiO₂-added refractory brick properties from calcined magnesite raw material**

Kalpikli Y.

REFRATORIES AND INDUSTRIAL CERAMICS, vol.49, pp.314-319, 2008 (Journal Indexed in SCI)

- **Characterization of activated carbon and application of copper removal from drinking water**

Kalpikli Y., KOYUNCU İ.

ANNALI DI CHIMICA, vol.97, pp.1291-1302, 2007 (Journal Indexed in SCI)

- **Effect of binder type and other parameters in synthesis of magnesite chromite refractories from process waste**

Kalpikli Y., GOKMEN S., OZGEN S.

JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.22, pp.755-759, 2002 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Investigation of Adsorption Characteristic of Basic Blue 41 (BB41) onto Raw Kütahya Ca-Bentonite**

Demir B., Kalpaklı Y.

İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, pp.309-319, 2020 (National Refreed University Journal)

- **Investigation of Equilibrium Adsorption Characteristics of Di Azo Dyes Basic Yellow 28 of H₂SO₄ Activated Kesan Region Bentonite**

Kalpikli Y., Ekinci Ş., Ertaş D.

Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.12, pp.217-225, 2020 (National Refreed University Journal)

- **DETERMINATION OF REACTION CONDITIONS OF THE ZINC ADSORPTION ONTO RAW Ca-BENTONITE**

Kalpikli Y.

Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.7, pp.1004-1012, 2018 (National Refreed University Journal)

- **Removal of Cu (II) from aqueous solutions using magnetite: A kinetic, equilibrium study**

KALPAKLI Y.

ADVANCES IN ENVIRONMENTAL RESEARCH-AN INTERNATIONAL JOURNAL, vol.4, pp.119-133, 2015 (Journal Indexed in ESCI)

- **Photocatalytic degradation of textile dye CI Basic Yellow 28 wastewater by Degussa P25 based TiO₂**

Konecoglu G., Toygun S., KALPAKLI Y., AKGÜN M.

ADVANCES IN ENVIRONMENTAL RESEARCH-AN INTERNATIONAL JOURNAL, vol.4, pp.25-38, 2015 (Journal Indexed in ESCI)

- **GENERAL PRINCIPLES OF SOL - GEL**

Toygun Ş., Köneçoğlu G., Kalpaklı Y.

Sigma Journal of Engineering and Natural Sciences, vol.31, pp.456-476, 2013 (National Refreed University Journal)

- **Effects of Particle Size Distribution on the Refractory Properties and Corrosion Mechanism of Ultra-Low Cement Castables**

KALPAKLI Y.

Archives of Materials Science and Engineering, vol.34, pp.81-88, 2008 (Refereed Journals of Other Institutions)

- **Dökülebilir Refrakter Malzemeler**

KALPAKLI Y.

Kimya Teknolojileri, pp.68-73, 2003 (National Non-Refereed Journal)

- **Deterjanlarda kullanılan Yüzey Aktif Maddelerin İnsan ve Çevre Sağlığı Üzerindeki Etkileri**

KALPAKLI Y., ÖZKAN S.

Kimya Teknolojileri, pp.70-75, 2003 (National Non-Refereed Journal)

- **Suyun Buhar Soğutma Devrelerindeki Olumsuz Etkilerinin İncelenmesi**

BEKER Ü., KALPAKLI Y.

Kimya Teknolojileri, pp.72-76, 2002 (National Non-Refereed Journal)

- **Lineer Alkil Beben Sülfonatın Sulu Çözeltilerden Aktif Karbon İle Adsorpsiyonu**

Kalpaklı Y., Pişkin S.

Yıldız Teknik Üniversitesi dergisi, vol.1, pp.71-81, 2002 (National Refreed University Journal)

- **Aktif Karbon Üretimi ve Kullanım Alanları**

KALPAKLI Y., BEKER Ü.

Kimya Teknolojileri, pp.70-74, 2002 (National Non-Refereed Journal)

- **Kaolinitin Sinterlenmesiyle Mullit Eldesi**

KALPAKLI Y.

Kimya Teknolojileri, pp.74-77, 2001 (National Non-Refereed Journal)

- **Bazik Refrakter Hammaddeleri**

KALPAKLI Y.

Kimya Teknolojileri, pp.70-78, 2001 (National Non-Refereed Journal)

Refereed Congress / Symposium Publications in Proceedings

- **Synthesis and Photocatalytic Performance of TiO₂- Pr Photocatalysis for Degradation of BB41**

KALPAKLI Y.

MSNG2017, Saraybosna, Bosnia And Herzegovina, 28 June 2017, pp.25

- **Statistical Evaluation of the Leaching Process of 13X Zeolite by Acid Treatment**

Salt İ., Tursun S., Özyurt M., Kalpaklı Y.

1st International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2017), Sarajevo, Bosnia And Herzegovina, 28 - 30 June 2017, pp.196

- **Synthesis and Characterization of Nd-Doped TiO₂ Photocatalysts**

KALPAKLI Y.

MSNG2017, Saraybosna, Bosnia And Herzegovina, 28 June 2017, pp.156

- **ZSM-5 Zeolitinin Katı-sıvı Ekstraksiyonu İşleminin İstatistiksel Analizi**

Top S. S. , Salt İ., Kalpaklı Y.

6. Ulusal Anorganik Kimya Kongresi, Burdur, Turkey, 18 - 21 May 2017, pp.57

- **Performance Evaluation for the Photocatalytic Treatment of BB41 in a Batch Photo Reactor Using Degussa P25**

Altaş A. G. , KALPAKLI Y., Akgün M.

Nano TR-12, İstanbul, Turkey, 03 June 2016, pp.189

- **Investigation of Corrosion Behaviour of Silimanite Refractories Using in Tableware Glass Furnaces**

Acar İ., KALPAKLI Y.

International Conference on Material Science and Technology in Cappadocia, Nevşehir, Turkey, 06 April 2016,

- **Comparison of 1 Nd and 1 Pr Doped 25 TiO₂ MMT Composite Photocatalyst Amount on Azo Dye Basic Yellow 28 Oxidation**
OTSUKARCI B., KALPAKLI Y.
1st International Turkic World Conference on Chemical Sciences and Technologies-ITWCCST 2015, 27 October - 01 November 2015, pp.72
- **Effect of dye type on the photocatalytic performance of montmorillonite supported Pr Doped TiO₂ photocatalyst**
BAŞAK O., KALPAKLI Y.
2nd International Conference on Computational and Experimental Science and Engineering, Antalya, Turkey, 14 - 19 October 2015, pp.354
- **PHOTOCATALYTIC OXIDATION OF BY28 AND BB41 DYES UNDER UV A LIGHT IRRADIATION BY Nd DOPED TiO₂ MONTMORILLONITE NANOCOMPOSITE**
OTSUKARCI B., KALPAKLI Y.
2nd INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING, 14 - 19 October 2015, pp.420
- **THE PRODUCTION OF HEXADECYLTRIMETHYLAMMONIUM BROMIDE HDTMA BR MODIFIED SEPIOLITE FOR HEAVY METAL REMOVAL**
CANSEV H., KALPAKLI Y.
1st International Conference on Engineering and Natural Sciences, Skopje, Macedonia, 15 - 19 May 2015, pp.131
- **The Production of HDTMA-Br Modified Sepiolite for Heavy Metal Removal**
KALPAKLI Y., Cansev H.
International Conference on Engineering and Natural Science, Üsküp, Macedonia, 15 May 2015, pp.131
- **Effect of Catalyst Amount on Azo Dye (Basic Yellow 28) Oxidation Using Pr Doped TiO₂-MMt Composite Photocatalyst**
Otsukarcı B., KALPAKLI Y.
International Conference on Engineering and Natural Science, Üsküp, Macedonia, 15 May 2015, pp.105
- **Nd-TiO₂-MMT Kompozit Fotokatalizörlerin Azo Boyar madde (Basic Yellow 28) Oksidasyonu Üzerine Katalizör Miktarının Etkisi**
OTSUKARCI B., KALPAKLI Y.
Nanokon 2015, İstanbul, Turkey, 5 - 06 March 2015, vol.1, pp.46-54
- **Pr Doplu TiO₂ Nano Partiküllerin Fotokatalizör Olarak Azo Boyar Madde BY28 Oksidasyonunda Katalizör Miktarının Etkisi**
ÇATALTEPE E., KALPAKLI Y.
Nanokon-2015, Turkey, 5 - 06 March 2015, vol.1, pp.32-39
- **REMOVAL OF Cu(II) FROM AQUEOUS SOLUTION BY USING MAGNETITE OBTAINED WITH CHEMICAL PRECIPITATION METHOD**
KALPAKLI Y.
13th International Conference on Microreaction Technology, Budapeşte, Hungary, 23 June 2014, pp.202
- **TEXTILE WASTEWATER TREATMENT AND KINETICS BY TiO₂ /MONTMORILLONITE PHOTOCATALYST PHOTOCATALYTIC DEGRADATION**
KALPAKLI Y., Otsukarcı B., Akgün M.
İMRET 13, Budapeşte, Hungary, 23 June 2014, pp.55
- **Removal of Cu(II) From Aqueous Solution by Using Magnetite Obtained With Chemical Precipitation Method**
KALPAKLI Y.
13th International Conference on Microreaction Technology, Budapest, Hungary, 23 - 25 June 2014, vol.202
- **Effect of Montmorillonite Support on the Photocatalytic Activity of Mesoporous 75% (wt) TiO₂/Montmorillonite Photocatalyst by Sol-Gel Processing**
KALPAKLI Y., Köneçoğlu G., Toygun Ş.
10 th Nanoscience and Nanotechnology conference, İstanbul, Turkey, 17 June 2014, pp.476
- **Sol-Jel Yöntemi ile Sentezlenen TiO₂/Montmorillonit Kompozitlerinin Fotokatalitik Davranışına Kalsinasyon Sıcaklığının Etkisi**

KALPAKLI Y.

1. Ulusal Kataliz Yaz Okulu, Malatya, Turkey, 24 August 2013, pp.23

- **SYNTHESIS AND CHARACTERIZATION OF TiO₂/ MONTMORILLONITE PHOTOCATALYST**
Toygun Ş., KALPAKLI Y.
IUPAC, İstanbul, Turkey, 11 August 2013, pp.358
- **TiO₂-Degussa P25 Photocatalytic Activity- Azo Dye, Water Purification**
Toygun Ş., KALPAKLI Y., Akgün M.
İstanbul International Solid Waste, Water and Wastewater Congress, İstanbul, Turkey, 22 May 2013, pp.547-548
- **Fotokatalizör Olarak Kullanılan TiO₂ Nanopartiküllerinin Üretiminde Yaşlandırma Zamanının Etkisi**
Köneçoğlu G., Toygun Ş., Kalpaklı Y.
2. Ulusal Nanoteknoloji Kongresi, İstanbul, İstanbul, Turkey, 27 September 2012, pp.2-9
- **Yaşlandırma Zamanının Etkisinin İncelendiği TiO₂ Nanokristal Tozlarının Üretimi ve Fotokatalitik Uygulamaları**
Köneçoğlu G., KALPAKLI Y., Gökçe H.
2. Ulusal Nanoteknoloji Kongresi, İstanbul, İstanbul, Turkey, 27 September 2012, pp.85-91
- **Kütahya Demirli Bentonitinin Saflaştırılması, Aktivasyonu ve Karakterizasyonu**
Toygun Ş., KALPAKLI Y., Uçar Demir T.
15. Ulusal Kil Sempozyumu, Niğde, Niğde, Turkey, 19 September 2012, pp.121-130
- **Dökülebilir Refrakterlerde Bağlayıcı Ve Hammadde Olarak Kullanılan ALÜMİNA Ve Özellikleri**
KALPAKLI Y.
2. Endüstriyel Fırınlara Ve Refrakter Sempozyumu Ve Sergisi, İzmir, Turkey, 03 May 2012, pp.22-30
- **Structural Analysis and Photocatalytic Behavior of Fe Doped TiO₂ Powder Produced From Medical Waste Materials**
Acar J., KALPAKLI Y., Gökçe H., Öveçoğlu L.
12th MEDITERRANEAN CONGRESS OF CHEMICAL ENGINEERING, Barcelona, Spain, 15 November 2011, pp.16
- **The Role of Magnetite and Magnetite-Bentonite Composites for Adsorption of Pb(II) in Wastewater**
Poyraz Ç., Atalay E., Kalpaklı Y., Salt İ.
EURASIA 2011, İstanbul, İstanbul, Turkey, 14 - 16 November 2011, pp.562-571
- **Production of TiO₂ Powder from Biomedical Wastes**
Acar J., KALPAKLI Y.
ICCPS 11, Zurich, Zürich, Germany, 11 August 2010, pp.12
- **Investigation of Physical and Mechanical Properties of Alumina Coated Graphite Added Alumina Castable Refractories**
Yılmaz E., KALPAKLI Y., YILMAZ S.
International Metallurgy and Materials Congress, 16 - 18 November 2008, vol.1, pp.113
- **Influence of In-situ Phase Formation on Physico-Mechanical Properties and Slag Penetration Mechanism of ULLC-Refractories**
KALPAKLI Y., Yılmaz S.
10th International Conference on Ceramic Processing Science (ICCPS-10), JAPAN, Inuyama, Aichi, Japan, 27 October 2008, pp.127
- **Coating of Graphite with Alumina By Sol-Gel Method and Their Characterisation**
Yılmaz E., Yazıcı O., YILMAZ S., KALPAKLI Y.
10th International Conference on Ceramic Processing Science (ICCPS-10), 25 May - 28 October 2008, pp.99
- **Investigation of Physical and Mechanical Properties of Alumina Coated Graphite Added Alumina Castable Refractories**
Yılmaz E., KALPAKLI Y., Yılmaz S.
14. International Metallurgy and Materials Congress, İstanbul, Turkey, 16 October 2008, pp.113
- **Investigation of Adsorption Process for Cd(II) and Co(II) Ions from Aqueous Solution by Using Sepiolite**
Kalpaklı Y., Yetişkin A., Tarhan Z., Salt İ.
International Conference 6th Aegean Analytical Chemistry Days, Denizli, Turkey, 09 October 2008, pp.416
- **Investigation of Properties of Graphite Added Alumina Low Cement Castables**
Yılmaz E., Yazıcı O., KALPAKLI Y., Yılmaz S.

2nd International Congress on Ceramics, Verona-Italy, Verona, Italy, 09 June 2008, pp.1-7

- **Coating of Graphite with Alumina by Sol_Gel Method and Their Characterizations**

Yılmaz E., Yazıcı o., Yılmaz S., KALPAKLI Y.

10th International Conference on Ceramic Processing Science (ICCP-10), JAPAN, Inuyama, Japan, 25 May 2008, pp.127

- **Effect of TiO₂ Addition and In-situ Phase Formation on Corrosion Mechanism of Zero-Cement Castables (ZCC)**

KALPAKLI Y., Öveçoğlu L.

10th International Conference and Exhibition of the European Ceramic Society, Berlin, Berlin, Germany, 23 July 2007, pp.1866-1890

- **Research in the Production of Magnesite-Chromite Refractories with TiO₂ Addition from Calcine Magnesite Raw Material**

KALPAKLI Y.

10th International Conference and Exhibition of the European Ceramic Society, Berlin, Germany, 23 July 2007, pp.1864-1869

- **Effect of Particle Size Distribution on the Refractory Properties and Corrosion Mechanism of Zero-Cement Castables (ZCC)**

Dombaycı A., KALPAKLI Y., Öveçoğlu L.

10th International Conference and Exhibition of the European Ceramic Society, Berlin, Germany, 23 July 2007, pp.1891-1896

- **Role of ZrO₂ Addition on the Refractory Properties Corrosion Mechanism of Zero-Cement Castables (ZCC)**

KALPAKLI Y., Dombaycı A., Öveçoğlu L.

10th International Conference and Exhibition of the European Ceramic Society, Berlin, Berlin, Germany, 23 July 2007, pp.1903-1908

- **Dökülebilir Refrakterlerde Bağlayıcı Ve Hammadde Olarak Kullanılan Alumina Ve Özellikleri**

KALPAKLI Y.

2.Endüstriyel Fırınlr Ve Refrakter Sempozyumu Ve Sergisi, Sakarya, Turkey, 3 May - 05 March 2007, vol.22

- **Investigation of Thermal Characteristic and Kinetic Parameters of Raw Magnesite by Using DTA/TG/DSC**

Yakar Elbeyli İ., KALPAKLI Y., PİŞKİN S.

13. International Metallurgy and Materials Congress, İstanbul, Turkey, 09 November 2006, pp.28

- **The Effect of Heating Rates on Thermal Decomposition of Raw Magnesite**

KALPAKLI Y., Yakar Elbeyli İ., PİŞKİN S.

13. International Metallurgy and Materials Congress, İstanbul, Turkey, 09 November 2006, pp.29

- **Effect of In-situ Spinel Phase Formation on Corrosion Mechanism of Zero-Cement Castables (ZCC)**

KALPAKLI Y., Yılmaz S.

13. International Metallurgy and Materials Congress, İstanbul, Turkey, 09 November 2006, pp.41

- **Investigation of Stoichiometric Spinel addition on Resistance of Steel Slag of Zero-Cement Castables**

KALPAKLI Y., Yılmaz S.

13. International Metallurgy and Materials Congress, İstanbul, Turkey, 09 November 2006, pp.51

- **MgCl₂ Bağlayıcılı Magnezit Krom Refrakterlerde Kromit Kompozisyonu ve TiO₂ Katkısının Refrakter Özellikler Üzerindeki Etkisinin incelenmesi**

KALPAKLI Y.

Uluslar arası katılımlı seramik kongresi, Sakarya, Turkey, 30 October 2006, pp.193-198

- **Removal of Cd(II) and Co(II) ions from aqueous solutions with strongly acidic cation exchange resin**

Kocaoba S., Kalpaklı Y., Salt İ.

5 th Aegean Analytical Chemistry Days, Greece, Thessaloniki, Greece, 5 - 08 October 2006, pp.86

- **Investigation of Ti₂(SO₄)₃ Added Refractory Brick Properties Production From Calcine Magnesite**

KALPAKLI Y.

Materials 2006., Denizli, Turkey, 19 April 2006, pp.478-482

- **Effect of Particle Size Distribution on the Refractory Properties of Vibratory Zero-Cement Castables**

KALPAKLI Y.

12. International Metallurgy and Materials Congress, İstanbul, Turkey, 29 September 2005, pp.1472-1480

- **Determination of Calcinations Characteristics of Konya Side Magnesite Ores**
KALPAKLI Y., Özgen S.
12. International Metallurgy and Materials Congress, İstanbul, Turkey, 28 September 2005, pp.1557-1565
- **Determination of Copper for Optimization of Conditions in Wastewater Samples By Atomic Absorption Spectrofotometry**
KALPAKLI Y., Koyuncu İ., Akçin N.
4 th Aegean Analytical Chemistry Days, Aydın, Turkey, 29 September 2004, pp.304-308
- **Determination of Copper in Water Sample Using Preconcentration with Commercial Active Carbon by Atomic Absorption Spectrofotometry**
Koyuncu İ., KALPAKLI Y., Akçin n.
4th Aegean Analytical Chemistry Days, Aydın, Turkey, 29 September 2004, pp.298-303
- **Effect of Process Parameters on Removal of Copper Using Citric Acid Activation of Commercial Active Carbon**
KALPAKLI Y., Koyuncu İ., AKÇİN N.
4 th Aegean Analytical Chemistry Days, Aydın, Turkey, 29 September 2004, pp.293-297
- **Electrochemical Activation of Commercial Active Carbon at 25 C**
KALPAKLI Y., Duranoğlu D., Beker Ü.
2nd Black Sea Basin Conference on Analytical Chemistry, İstanbul, Turkey, 14 September 2003, pp.283
- **Activation of commercial active carbon with nitric acid**
Duranoğlu D., KALPAKLI Y., Beker Ü.
2nd Black Sea Basin Conference on Analytical Chemistry, İstanbul, Turkey, 14 September 2003, pp.282
- **Electrochemical Activation of Commercial Active Carbon at 25 °C**
KALPAKLI Y., DURANOĞLU DİNÇER D., BEKER Ü.
2nd Black Sea Basin Conference on Analytical Chemistry, 14 - 17 September 2003, pp.283
- **Türkiye de Jeotermal Enerji ve Kullanılabilirliği**
KALPAKLI Y., Beker Ü.
IV. Ulusal Temiz Enerji Sempozyumu, İstanbul, Turkey, 16 October 2002, pp.611-618
- **Determination of process conditions in the brick production by using the process waste of fine particles of magnesite and chromite**
KALPAKLI Y., Gökmen S., Özgen S.
International Metallurgy and Materials Congress, İstanbul, Turkey, 24 May 2000, pp.1667-1676
- **Production of Magnesite- Chromite brick by regaining the process waste in the basic refractory industry**
KALPAKLI Y., Gökmen S., Özgen S.
Unified International Technical Conference on Refractories, Berlin, Berlin, Germany, 06 September 1999, pp.73-75

Supported Projects

- KALPAKLI Y., Project Supported by Higher Education Institutions, Kompozit Fotokatalizlerin Azo Boyar Madde BY(28) Oksidasyon Kinetiğinin İncelenmesi (2014-07-01-YL05), 2014 - 2016
- KALPAKLI Y., Project Supported by Higher Education Institutions, Al_2O_3 & ZrO_2 & SiO_2 (AZS) Refrakterlerin Korozyon Direncinin İncelenmesi, 2014 - 2016
- KALPAKLI Y., Project Supported by Higher Education Institutions, Al_2O_3 – ZrO_2 – SiO_2 (AZS) Refrakterlerin Korozyon Direncinin İncelenmesi (2014-07-01-YL01), 2014 - 2015
- Akgün M., Kalpaklı Y., Project Supported by Higher Education Institutions, İleri Oksidasyon Sistemleri İçin Fotokatalizör Sentezi Ve Tekstil Atık Sularına Uygulanması, 2011 - 2015
- Salt İ., Bolat E., Kalpaklı Y., Aydın N., Project Supported by Higher Education Institutions, Farklı Tip Zeolitlerin Yapısal Özelliklerinin Katı-Sıvı Ekstraksiyon Yöntemiyle Değiştirilmesi, 2010 - 2013
- KALPAKLI Y., Project Supported by Higher Education Institutions, Medikal Atıklardan TiO_2 Üretimi, Modifikasyonu ve Uygulama Alanlarının Belirlenmesi., 2011 - 2012
- KALPAKLI Y., Project Supported by Higher Education Institutions, Medikal Atıklardan TiO_2 üretimi, Modifikasyonu ve Uygulama Alanlarının Belirlenmesi(Proje No: 28-07-01-03), 2011 - 2012
- KALPAKLI Y., Project Supported by Higher Education Institutions, Atık Sulardaki Ağır Metallerin Adsorpsiyonu İçin Kil-Demir Oksit Manyetik Kompozitlerinin Hazırlanması(Proje No: 2010-07-01-KAP01), 2010 - 2012

KALPAKLI Y., Project Supported by Higher Education Institutions, Atık Sulardaki Ağır Metallerin Adsorpsiyonu İçin Kil-Demir Oksit Manyetik Kompozitlerinin Hazırlanması, 2010 - 2012

KALPAKLI Y., Project Supported by Higher Education Institutions, Kendi kendine akan vibrasyon ile uygulanan çimentosuz dökülebilir refrakterlerde yerinde spinel oluşumu ve TiO₂, ZrO₂ katkılarının refrakter özellikler ve cüruf korozyonu üzerindeki etkilerinin incelenmesi., 2008 - 2010

KALPAKLI Y., TUBITAK Project, Sol Jel Yöntemiyle Grafitin Oksit Seramikle Kaplanması ve Kaplanmış Grafit Katkılı Alumina-Spinel Dökülebilir Refrakterlerin Üretimi ile Özelliklerinin Geliştirilmesi (106M318), 2006 - 2008

KALPAKLI Y., Project Supported by Higher Education Institutions, Spinel bazlı çimentosuz hidrolik bağlı refrakter beton üretimi, 2004 - 2007

Duranoğlu Dinçer D., Beker Ü., Kalpaklı Y., TUBITAK Project, Farklı Aktivasyon Yöntemlerinin Aktif Karbon Özelliklerine Etkisi, 2002 - 2004

KALPAKLI Y., Project Supported by Higher Education Institutions, Refrakter Malzemelerdeki Bağlayıcı ve Katkı Maddelerinin Refrakter Özellikler Üzerindeki Etkisi (92-B-07-01-03)., 1993 - 1995

Scientific Refereeing

TUBITAK Project, 1008 - Patent Application Incentive and Support Program, Yıldız Technical University, Turkey, April 2020

TUBITAK Project, May 2018

Advances in environmental research, SCI Journal, November 2017

TUBITAK Project, October 2017

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, September 2017

Balıkesir Üniversitesi Fenbilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, August 2017

Advances in environmental research, SCI Journal, April 2017

TUBITAK Project, September 2014

TUBITAK Project, February 2013

TUBITAK Project, February 2007

Invited Congress and Symposium Activities

ICG 2017 Annual Meeting & 32nd Sisecam Glass Symposium, Attendee, --Seçiniz--, Turkey, 2017

MSNG2017, Attendee, Sarajevo, Bosnia And Herzegovina, 2017

Uluslararası Katılımlı VI. Ulusal Anorganik Kimya Kongresi, Attendee, Turkey, 2017

Nano TR-12, Attendee, Turkey, 2016

International Conference on Material Science and Technology in Cappadocia, Attendee, Nevşehir, Turkey, 2016

2nd International Conference on Computational and Experimental Science and Engineering,, Attendee, Turkey, 2015

International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST), Attendee, Sarajevo, Bosnia And Herzegovina, 2015

International Conference on Engineering and Natural Science, Attendee, Skopje, Macedonia, 2015

Nanokon 2015, Attendee, Turkey, 2015

10 th Nanoscience and Nanotechnology conference, Attendee, Turkey, 2014

13th International Conference on Microreaction Technology, Attendee, Budapest, Hungary, 2014

IUPAC, Attendee, Turkey, 2013

1.Ulusal Kataliz Yaz Okulu, Attendee, Turkey, 2013

, İstanbul International Solid Waste, Water and Wastewater Congress, Attendee, Turkey, 2013

2. Ulusal Nanoteknoloji Kongresi, Attendee, Turkey, 2012

15. Ulusal Kil Sempozyumu, Attendee, Turkey, 2012

2.Endüstriyel Fırınlr Ve Refrakter Sempozyumu Ve Sergisi, Attendee, Turkey, 2012

EURASIA 2011, Attendee, Turkey, 2011

12th MEDITERRANEAN CONGRESS OF CHEMICAL ENGINEERING, Attendee, Barcelona, Spain, 2011

ICCPS 11, Attendee, Zwickau, Germany, 2010

14. International Metallurgy and Materials Congress, Attendee, İstanbul, Turkey, 2008

10th International Conference on Ceramic Processing Science (ICCP-10), Attendee, Iruma, Japan, 2008
2nd International Congress on Ceramics, Attendee, Verona, Italy, 2008
10th International Conference and Exhibition of the European Ceramic Society, Attendee, Berlin, Germany, 2007
Uluslar arası katılımlı seramik kongresi, Attendee, Turkey, 2006
13. International Metallurgy and Materials Congress, Attendee, Turkey, 2006
5 th Aegean Analytical Chemistry Days, Attendee, Thessaloniki, Greece, 2006
Materials 2006, Attendee, Turkey, 2006
12. International Metallurgy and Materials Congress, Attendee, Turkey, 2005
4 th Aegean Analytical Chemistry Days, Attendee, Aydın, Turkey, 2004
Proceedings of the 2nd International Boron Symposium, Attendee, Eskişehir, Turkey, 2004
2nd Black Sea Basin Conference on Analytical Chemistry, Attendee, İstanbul, Turkey, 2003
IV. Ulusal Temiz Enerji Sempozyumu, Attendee, Turkey, 2002
International Metallurgy and Materials Congress, Attendee, Turkey, 2000
Unified International Technical Conference on Refractories, Attendee, Berlin, Germany, 1999

Citations

Total Citations (WOS):107

h-index (WOS):5