

## Assoc. Prof. Yasemen KALPAKLI

### Personal Information

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### Education Information

Doctorate, Yıldız Technical University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1990 - 1998

Postgraduate, Yıldız Technical University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1986 - 1989

Undergraduate, Yıldız Technical University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1982 - 1986

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

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

Postgraduate, 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

Kataliz Ve Katalitik Prosesler, Undergraduate, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2021 - 2022  
Uzmanlık Alan Dersi , Postgraduate, 2009 - 2010, 2011 - 2012, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021  
End. Atık Karak.Ve Değ.II, Postgraduate, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2018 - 2019, 2019 - 2020, 2020 - 2021  
Kimya Müh Lab III, Undergraduate, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2011 - 2012, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2021 - 2022  
End Atk Karak. Ve Değ I., Postgraduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021  
Mühendisler için Fiziksel Kimya, Undergraduate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021  
Bitirme Tez, Undergraduate, 2013 - 2014, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021  
Kimya Müh. Uygulamaları, Undergraduate, 2015 - 2016, 2016 - 2017, 2017 - 2018  
Bitirme Çalışması, Undergraduate, 2015 - 2016  
Bitirme Tezi, Undergraduate, 2014 - 2015  
Yüksek Lisans Tez Yöneticiliği, Postgraduate, 2015 - 2016  
Bitirme Tezi , Undergraduate, 2014 - 2015  
Katı ve Sıvı atıkların Değerlendirilmesi, Undergraduate, 2013 - 2014  
Kimya Mühendisliği Uygulamaları, Undergraduate, 2014 - 2015  
Yüksek Lisans Tez Yöneticiliği, Postgraduate, 2013 - 2014  
Kimya Mühendisliği Tas.Uygulamaları, Undergraduate, 2012 - 2013  
Mesleki Terminoloji II, Undergraduate, 2011 - 2012, 2012 - 2013  
Endüstriyel.Atıkların Karak. Ve Değ, Postgraduate, 2009 - 2010, 2011 - 2012  
Mesleki Termineoloji I , Undergraduate, 2009 - 2010, 2010 - 2011, 2011 - 2012  
Yüksek Lisans Tezi, Postgraduate, 2009 - 2010, 2011 - 2012  
Kim. Müh. Tasarım Uyg, Undergraduate, 2011 - 2012  
Katı ve Sıvı Atık Değ, Undergraduate, 2009 - 2010  
Bitirme Tezi, Undergraduate, 2008 - 2009  
Mesleki İngilizce II, Undergraduate, 2008 - 2009, 2009 - 2010

## Advising Theses

Kalpakhı Y., Çoklu Döküm Alçı Kalıp Karakterizasyonu Ve Kurutma Parametrelerinin İncelenmesi, Postgraduate, E.LEVENT(Student), 2019  
Kalpaklı Y., Al<sub>2</sub>O<sub>3</sub>-ZrO<sub>2</sub>-SiO<sub>2</sub>(AZS) Refrakterlerin Korozyon Direncinin İncelenmesi, Postgraduate, İ.Acar(Student), 2017  
Kalpaklı Y., Kompozit Fotokatalizörlerin Azo Boyar Madde(BY 28)Oksidasyon Kinetiğinin İncelenmesi, Postgraduate, B.Otsukarcı(Student), 2016  
Kalpaklı Y., Modifiye edilmiş sepiyolit üzerine Pb(II), Cu(II) ve Cd(II) iyonlarının adsorpsiyonu, Postgraduate, H.CANSEV(Student), 2014  
Kalpaklı Y., Medikal Atıklardan TiO<sub>2</sub> Üretimi, Modifikasyonu ve Uygulama Alanlarının Belirlenmesi, Postgraduate, J.Acer(Student), 2012  
Kalpaklı Y., Bentonit-magnetit kompozitlerinin kurşun (II) ve bakır (II) adsorpsiyonunda kullanılması, Postgraduate, E.Atalay(Student), 2011  
Kalpaklı Y., Alümina-Spinel-Zirkonya İle Çimentosuz Kendi Kendine Akan Dökülebilir Refrakter Geliştirilmesi, Postgraduate, A.Dombaycı(Student), 2007

## Jury Memberships

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, February, 2009

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

- I. **Structural effect of cationic surfactant on heavy metal removal capacity of raw sepiolite**  
KALPAKLI Y., Cansev H.  
INDIAN JOURNAL OF CHEMICAL TECHNOLOGY, vol.25, no.1, pp.61-67, 2018 (Journal Indexed in SCI)
- II. **Effect of Dye Type on Montmorillonite-Supported Pr-Doped TiO<sub>2</sub> Composite Photocatalyst**  
OTSUKARCI B., KALPAKLI Y.  
ACTA PHYSICA POLONICA A, vol.130, no.1, pp.198-201, 2016 (Journal Indexed in SCI)
- III. **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)
- IV. **Effect of TiO<sub>2</sub> addition on Al<sub>2</sub>TiO<sub>5</sub> (tialite) phase evolution of in situ MgAl<sub>2</sub>O<sub>4</sub> formation zero cement castable (ZCC)**  
Kalpakli Y.  
ADVANCES IN APPLIED CERAMICS, vol.113, no.5, pp.282-289, 2014 (Journal Indexed in SCI)
- V. **Thermal behavior and dehydroxylation kinetics of naturally occurring sepiolite and bentonite**  
Yilmaz M., KALPAKLI Y., Piskin S.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.114, no.3, pp.1191-1199, 2013 (Journal Indexed in SCI)
- VI. **Comparative study for physical properties and corrosion mechanism of synthetic and in situ MgAl<sub>2</sub>O<sub>4</sub> spinel formation zero cement refractory castables**  
Kalpakli Y.  
IRONMAKING & STEELMAKING, vol.37, no.6, pp.414-424, 2010 (Journal Indexed in SCI)
- VII. **Synthesis and characterization of boehmitic alumina coated graphite by sol-gel method**  
Yilmaz S., Kutmen-Kalpakli Y., Yilmaz E.  
CERAMICS INTERNATIONAL, vol.35, no.5, pp.2029-2034, 2009 (Journal Indexed in SCI)
- VIII. **EFFECT OF MAGNESIA ADDITION ON PHYSICAL PROPERTIES AND SLAG ATTACK RESISTANCE OF ULTRA-LOW CEMENT CASTABLES (ULC)**  
KALPAKLI Y., Yilmaz S.  
CANADIAN METALLURGICAL QUARTERLY, vol.48, no.2, pp.177-185, 2009 (Journal Indexed in SCI)
- IX. **Investigation of TiO<sub>2</sub>-added refractory brick properties from calcined magnesite raw material**  
Kalpakli Y.  
REFRATORIES AND INDUSTRIAL CERAMICS, vol.49, no.4, pp.314-319, 2008 (Journal Indexed in SCI)
- X. **Characterization of activated carbon and application of copper removal from drinking water**  
Kalpakli Y., KOYUNCU İ.  
ANNALI DI CHIMICA, vol.97, pp.1291-1302, 2007 (Journal Indexed in SCI)
- XI. **Effect of binder type and other parameters in synthesis of magnesite chromite refractories from process waste**  
Kalpakli Y., GOKMEN S., OZGEN S.  
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.22, no.5, pp.755-759, 2002 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. Karabulut H. A. , Kalpakli Y.  
Selçuk Üniversitesi Mühendislik, Bilim ve Teknoloji Dergisi, vol.10, no.1, pp.249-273, 2022 (National Refreed University Journal)
- II. **Investigation of Adsorption Characteristic of Basic Blue 41 (BB41) onto Raw Kütahya Ca-Bentonite**  
Demir B., Kalpakli Y.  
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, no.1, pp.309-319, 2020 (National Refreed University Journal)

- III. **Investigation of Equilibrium Adsorption Characteristics of Di Azo Dyes Basic Yellow 28 of H<sub>2</sub>SO<sub>4</sub> Activated Kesan Region Bentonite**  
Kalpaklı Y., Ekinci Ş., Ertaş D.  
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.12, no.1, pp.217-225, 2020 (National Refreed University Journal)
- IV. **DETERMINATION OF REACTION CONDITIONS OF THE ZINC ADSORPTION ONTO RAW Ca-BENTONITE**  
Kalpaklı Y.  
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.7, pp.1004-1012, 2018 (National Refreed University Journal)
- V. **Removal of Cu (II) from aqueous solutions using magnetite: A kinetic, equilibrium study**  
KALPAKLI Y.  
ADVANCES IN ENVIRONMENTAL RESEARCH-AN INTERNATIONAL JOURNAL, vol.4, no.2, pp.119-133, 2015 (Journal Indexed in ESCI)
- VI. **Photocatalytic degradation of textile dye CI Basic Yellow 28 wastewater by Degussa P25 based TiO<sub>2</sub>**  
Konecoglu G., Toygun S., KALPAKLI Y., AKGÜN M.  
ADVANCES IN ENVIRONMENTAL RESEARCH-AN INTERNATIONAL JOURNAL, vol.4, no.1, pp.25-38, 2015 (Journal Indexed in ESCI)
- VII. **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)
- VIII. **Effects of Particle Size Distribution on yhe RefractoryProperties and Corrosion Mechanism of Ultra-Low Cement Castables**  
KALPAKLI Y.  
Archives of Materials Science and Engineering, vol.34, no.2, pp.81-88, 2008 (Refereed Journals of Other Institutions)
- IX. **Dökülebilir Refrakter Malzemeler**  
Kalpaklı Y.  
Kimya Teknolojileri, no.4, pp.68-73, 2003 (National Non-Refereed Journal)
- X. **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)
- XI. **Lineer Alkil Beben Sulfonatın Sulu Çözeltilerden Aktif Karbon İle Adsorpsiyonu**  
Kalpaklı Y., Pişkin S.  
Yıldız Teknik Üniversitesi dergisi, vol.1, pp.71-81, 2002 (National Refreed University Journal)
- XII. **Suyun Buhar Soğutma Devrelerindeki Olumsuz Etkilerinin İncelenmesi**  
BEKER Ü., KALPAKLI Y.  
Kimya Teknolojileri, pp.72-76, 2002 (National Non-Refereed Journal)
- XIII. **Aktif Karbon Üretimi ve Kullanım Alanları**  
KALPAKLI Y., BEKER Ü.  
Kimya Teknolojileri, pp.70-74, 2002 (National Non-Refereed Journal)
- XIV. **Kaolinitin Sinterlenmesiyle Mullit Eldesi**  
KALPAKLI Y.  
Kimya Teknolojileri, no.12, pp.74-77, 2001 (National Non-Refereed Journal)
- XV. **Bazik Refrakter Hammaddeleri**  
KALPAKLI Y.  
Kimya Teknolojileri, no.12, pp.70-78, 2001 (National Non-Refereed Journal)

## Books & Book Chapters

- I. **Killer, Modifikasyon Yöntemleri Ve Asit Aktivasyonu**

## Refereed Congress / Symposium Publications in Proceedings

- I. **The Effect Of Ph On Caffeine Adsorption From An Aqueous Solution Onto Bentonite With Sulfuric Acid Activation**  
Fakioğlu M., Kalpaklı Y.  
8TH INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND TECHNOLOGY, İstanbul, Turkey, 18 - 22 May 2022, vol.1, pp.13
- II. **Synthesis and Photocatalytic Performance of TiO<sub>2</sub>- Pr Photocatalysis for Degradation of BB41**  
Kalpaklı Y.  
MSNG2017, Sarajevo, Bosnia And Herzegovina, 28 June 2017, pp.25
- III. **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
- IV. **Synthesis and Characterization of Nd-Doped TiO<sub>2</sub> Photocatalysts**  
Kalpaklı Y.  
MSNG2017, Sarajevo, Bosnia And Herzegovina, 28 June 2017, pp.156
- V. **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
- VI. **Performance Evaluation for the Photocatalytic Treatment of BB41 in a Batch Photo Reactor Using Degussa P25**  
Altaş A. G. , Kalpaklı Y., Akgün M.  
Nano TR-12, İstanbul, Turkey, 03 June 2016, pp.189
- VII. **Investigation of Corrosion Behaviour of Silimanite Refractories Using in Tableware Glass Furnaces**  
Acar İ., Kalpaklı Y.  
International Conference on Material Science and Technology in Cappadocia, Nevşehir, Turkey, 06 April 2016, pp.259
- VIII. **Comparison of 1 Nd and 1 Pr Doped 25 TiO<sub>2</sub> MMT Composite Photocatalyst Amount on Azo Dye Basic Yellow 28 Oxidation**  
Otsukarcı B., Kalpaklı Y.  
1st International Turkic World Conference on Chemical Sciences and Technologies-ITWCCST 2015, Skopje, Macedonia, 27 October - 01 November 2015, pp.72
- IX. **Effect of dye type on the photocatalytic performance of montmorillonite supported Pr Doped TiO<sub>2</sub> photocatalyst**  
Başak O., Kalpaklı Y.  
2nd International Conference on Computational and Experimental Science and Engineering, Antalya, Turkey, 14 - 19 October 2015, pp.354
- X. **PHOTOCATALYTIC OXIDATION OF BY28 AND BB41 DYES UNDER UV A LIGHT IRRADIATION BY Nd DOPED TiO<sub>2</sub> MONTMORILLONITE NANOCOMPOSITE**  
Otsukarcı B., Kalpaklı Y.  
2nd INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING, Antalya, Turkey, 14 - 19 October 2015, pp.420
- XI. **Effect of Catalyst Amount on Azo Dye (Basic Yellow 28) Oxidation Using Pr Doped Tio<sub>2</sub>-MMt Composite Photocatalyst**  
Otsukarcı B., Kalpaklı Y.  
International Conference on Engineering and Natural Science, Skopje, Macedonia, 15 May 2015, pp.105

- XII. **The Production of HDTMA-Br Modified Sepiolite for Heavy Metal Removal**  
Kalpaklı Y., Cansev H.  
International Conference on Engineering and Natural Science, Skopje, Macedonia, 15 May 2015, pp.131
- XIII. **Nd-TiO<sub>2</sub>-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
- XIV. **Pr Doplu TiO<sub>2</sub> 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
- XV. **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
- XVI. **TEXTILE WASTEWATER TREATMENT AND KINETICS BY TiO<sub>2</sub> /MONTMORILLONITE PHOTOCATALYST PHOTOCATALYTIC DEGRADATION**  
KALPAKLI Y., Otsukarcı B., Akgün M.  
İMRET 13, Budapeşte, Hungary, 23 June 2014, pp.55
- XVII. **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
- XVIII. **Effect of Montmorillonite Support on the Photocatalytic Activity of Mesoporous 75%(wt) TiO<sub>2</sub>/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
- XIX. **Sol-Jel Yöntemi ile Sentezlenen TiO<sub>2</sub>/Montmorillonit Kompozitlerinin Fotokatalitik Davranışına Kalsinasyon Sıcaklığının Etkisi**  
KALPAKLI Y.  
1.Ulusal Kataliz Yaz Okulu, Malatya, Turkey, 24 August 2013, pp.23
- XX. **SYNTHESIS AND CHARACTERIZATION OF TiO<sub>2</sub>/ MONTMORILLONITE PHOTOCATALYST**  
Toygun Ş., KALPAKLI Y.  
IUPAC, İstanbul, Turkey, 11 August 2013, pp.358
- XXI. **TiO<sub>2</sub>-Degussa P25 Photocatalytic Activity- Azo Dye, Water Purification**  
Toygun Ş., KALPAKLI Y., Akgün M.  
Istanbul International Solid Waste, Water and Wastewater Congress, İstanbul, Turkey, 22 May 2013, pp.547-548
- XXII. **Fotokatalizör Olarak Kullanılan TiO<sub>2</sub> Nanopartiküllerinin Üretiminde Yaşlandırma Zamanının Etkisi**  
Köneçoğlu G., Toygun Ş., Kalpaklı Y.  
2. Ulusal Nanoteknoloji Kongresi, İstanbul, İstanbul, Turkey, 27 September 2012, pp.2-9
- XXIII. **Yaşlandırma Zamanının Etkisinin İncelendiği TiO<sub>2</sub> 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
- XXIV. **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
- XXV. **Dökülebilir Refrakterlerde Bağlayıcı Ve Hammadde Olarak Kullanılan ALÜMİNA Ve Özellikleri**  
KALPAKLI Y.  
2.Endüstriyel Fırınlar Ve Refrakter Sempozyumu Ve Sergisi, İzmir, Turkey, 03 May 2012, pp.22-30
- XXVI. **Structural Analysis and Photocatalytic Behavior of Fe Doped TiO<sub>2</sub> 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

- XXVII. **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
- XXVIII. **Production of TiO<sub>2</sub> Powder from Biomedical Wastes**  
Acar J., KALPAKLI Y.  
ICCPS 11, Zurich, Zürich, Germany, 11 August 2010, pp.12
- XXIX. **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
- XXX. **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
- XXXI. **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
- XXXII. **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
- XXXIII. **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
- XXXIV. **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
- XXXV. **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 (ICCPS-10), JAPAN, Inuyama, Japan, 25 May 2008, pp.127
- XXXVI. **Effect of TiO<sub>2</sub> 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
- XXXVII. **Research in the Production of Magnesite-Chromite Refractories with TiO<sub>2</sub> 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
- XXXVIII. **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

- XXXIX. **Roel of ZrO<sub>2</sub> 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
- XL. **Dökülebilir Refrakterlerde Bağlayıcı Ve Hammadde Olarak Kullanılan Alumina Ve Özellikleri**  
KALPAKLI Y.  
2.Endüstriyel Fırınlarda Ve Refrakter Sempozyumu Ve Sergisi, Sakarya, Turkey, 3 May - 05 March 2007, vol.22
- XLI. **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
- XLII. **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
- XLIII. **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
- XLIV. **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
- XLV. **MgCl<sub>2</sub> Bağlayıcı Magnezit Krom Refrakterlerde Kromit Kompozisyonu ve TiO<sub>2</sub> Katkısının Refrakter Özellikleri Üzerindeki Etkisinin incelenmesi**  
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