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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), Turkey 1998 - 2005

Post Graduate, Kansas State University {Kansas}, Kimya Mühendisliği, United States Of America 1996 - 1997

Under Graduate, Middle East Technical University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1988 - 1993

Dissertations

Doctorate, Katalizör ve katalizör desteği olarak kullanılmak üzere Al-sütunlandırılmış kil sentezi ve karakterizasyon çalışmaları, Gazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), 2004

Post Graduate, Chemical Vapor Deposition of 3C-SiC Films on patterned SOS Substrates, Kansas State University {Kansas}, Kimya Mühendisliği, 1997

Academic Titles / Tasks

Lecturer, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2018 - Continues

Expert, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2009 - 2018

Expert, Gazi University, Mühendislik-Mimarlık Fakültesi, 2005 - 2009

Research Assistant, Gazi University, Mühendislik-Mimarlık Fakültesi, 1998 - 2005

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

- I. **Efficient removal of anti-inflammatory from solution by Fe-containing activated carbon: Adsorption kinetics, isotherms, and thermodynamics**
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- II. **Effect of titanium source on structural properties and acidity of Ti-pillared bentonite**
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- III. **Catalytic properties and activity of copper and silver containing Al-pillared bentonite for CO oxidation**
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- IV. **Determination of adsorptive and catalytic properties of copper, silver and iron contain titanium-pillared bentonite for the removal bisphenol A from aqueous solution**
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- V. **PORE STRUCTURE CHARACTERIZATION OF Al-, Cr-PILLARED AND Cr-INCORPORATED Al-PILLARED**

CLAYS BY DFT AND DR ANALYSIS

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JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.27, no.3, pp.631-640, 2012 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Effects of Cerium, Iron and Copper Incorporation on the Structural Properties and Activities of Ti-Pillared Bentonites**
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Cumhuriyet Science Journal, vol.39, no.2, pp.477-495, 2018 (Other Refereed National Journals)
- II. **Surface Properties of Metal Incorporated Al Pillared Interlayered Clay Catalysts Analyzed by Chemisorption and Infrared Analysis**
TOMUL F., TURGUT BAŞOĞLU F.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.22, no.3, pp.215-225, 2009 (Refereed Journals of Other Institutions)
- III. **Surface properties of metal incorporated Al-pillared clay catalysts analyzed by chemisorption and infrared analysis**
Turgut Başoğlu F., Balcı F. S.
Gazi University Journal of Science, vol.22, pp.215-225, 2009 (International Refereed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Acidities of Ti-pillared bentonites**
TURGUT BAŞOĞLU F.
International Eurasian Conference on Science, Engineering and Technology, 22 - 23 November 2018
- II. **Activity test of Ti-pillared bentonites for the catalytic wet peroxide oxidation**
TURGUT BAŞOĞLU F.
International Eurasian Conference on Science, Engineering and Technology, 22 - 23 November 2018
- III. **Micro- Mesopore Analysis of Ti-pillared Bentonites**
TURGUT BAŞOĞLU F.
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- IV. **Effects of catalytic properties of copper, iron, and/or manganese impregnated Ti-pillared bentonites on the activities for ethanol oxidation.**
TURGUT BAŞOĞLU F.
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- V. **Seryum, demir, bakır ve/ ya da manganez emdirilmiş Ti-sütunlu bentonitlerin sentezi ve yapısal özellikleri**
TURGUT BAŞOĞLU F.
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- VI. **Synthesis and Structural Properties of Cerium, Iron, Copper and/or Manganese Impregnated Ti-pillared Bentonites.**
TURGUT BAŞOĞLU F.
International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018, pp.1342
- VII. **Catalytic properties of Ti-pillared bentonites and activity test for ethanol dehydration.**
TURGUT BAŞOĞLU F.
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- VIII. **Textural properties of cerium, iron, copper and/or manganese incorporated Ti-pillared bentonites.**
TURGUT BAŞOĞLU F.
The International Conference on Materials Science Mechanical and Automation Engineerings and Technology, İzmir, Turkey, 10 - 12 April 2018, pp.488
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- X. **Effects of cerium iron copper manganese incorporation on the structural and catalytic properties of Ti pillared bentonites**
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International Conference on Engineering Technologies (ICENTE 17), Konya, Turkey, 7 - 09 December 2017, pp.86
- XI. **Synthesis of cerium, iron, copper incorporated Ti-pillared bentonites and activity in phenol oxidation**
TURGUT BAŞOĞLU F.
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- XII. **Seryum, demir, bakır veya manganez yerleştirilmiş Ti-sütunlu killerin sentezi ve fenolün fotokatalitik ıslak peroksit oksidasyonunda aktivitelerinin belirlenmesi**
TURGUT BAŞOĞLU F.
12. Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 23 - 26 August 2016, pp.320
- XIII. **STA/Al sütunlu kil katalizörlerin yapısal özellikleri üzerine standart ve doğal kil desteklerinin etkisi**
BALCI F. S. , AÇIL G., KARAEYVAZ M. C. , TURGUT BAŞOĞLU F.
12. Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 23 - 26 August 2016, pp.106
- XIV. **Catalytic properties and activity of copper and silver containing Al pillared bentonite for CO oxidation**
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The International Conference on Organic Chemistry, United States Of America, 10 - 11 August 2016
- XV. **HPA dopped Al pillared clay super acid catalyst synthesis and characterization**
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- XVI. **Single step synthesis of HPA loaded Al PILCs**
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- XVII. **Effectiveness of Cu and Ag containing Al pillared layered bentonite in CO removal through oxidation**
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- XX. **Gümüş veya Bakır Emdirilmiş Ti sütunlu Killerin Sentezi ve Asitlik Değerlerinin Belirlenmesi**
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16. Ulusal Kil Sempozyumu, Çanakkale, Turkey, 2 - 05 September 2015, pp.216-217
- XXI. **Sütunlu Kil Destekli HPA Süper Asit Katalizör Sentezi ve Karakterizasyonu**
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16. Ulusal kil sempozyumu bildiriler kitabı, Turkey, 1 - 05 September 2015, pp.127

- XXII. **Farklı Titanyum Kaynağı Kullanımının Ti Sütunlu Kil Örneğinin Gözenek Yapısına Etkisinin DFT ve DR Analizleri ile İncelenmesi**
TURGUT BAŞOĞLU F.
10.Ulusal Kimya Mühendisliği Kongresi, İstanbul, Turkey, 3 - 06 September 2012, pp.69
- XXIII. **Cu Ag modifiyeli Ti Sütunlu Kil Örneklerinin Gözenek Yapısının İncelenmesi**
TURGUT BAŞOĞLU F.
10.Ulusal Kimya Mühendisliği Kongresi, İstanbul, Turkey, 3 - 06 September 2012, pp.68
- XXIV. **Performance copper silver or chromium incorporated aluminum pillared clays in CO oxidation**
BALCI F. S. , TURGUT BAŞOĞLU F., TOMUL F.
World Congress on Water, Climate and Energy, Dublin, Ireland, 13 - 18 May 2012, pp.726-727
- XXV. **Influence of the nature of titanium source on the pore structure of Ti pillared layered clays**
TURGUT BAŞOĞLU F.
European Clay Conference Euroclay 2011, Antalya, Turkey, 26 June - 01 July 2011, pp.353
- XXVI. **Characterization of pore structures of Al Cr pillared clays using DFT and DR analysis**
TURGUT BAŞOĞLU F., TOMUL F.
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- XXVII. **Test of copper or silver impregnated aluminium pillared clay in CO oxidation**
TURGUT BAŞOĞLU F., BALCI F. S.
6th World Congress on Oxidation Catalysis, Lille, FRANCE, Lille, France, 5 - 10 July 2009, pp.240-241
- XXVIII. **Characterization of V Cr and Cu Incorporated Al PILCs and Test in CO Oxidation**
TURGUT BAŞOĞLU F., TECİMER A., TOMUL F., BALCI F. S.
Third Ain Shams University International Conference on Environmental Engineering ASCEE-3, Kahire, Egypt, 14 - 16 April 2009, pp.117-121
- XXIX. **Pillared layered clays as catalyst and catalyst support to use in CO oxidation**
TURGUT BAŞOĞLU F., TOMUL F., BALCI F. S.
Europacat VIII, Turku, Finland, 26 - 31 August 2007, pp.1396
- XXX. **Pore structure analysis of pillared layered clays by DFT method**
TURGUT BAŞOĞLU F., BALCI F. S.
Euroclay 2007, Aveiro, Portugal, 22 - 28 July 2007, pp.21
- XXXI. **Pore structure characterization of Al PILCs as catalyst and catalyst support**
TURGUT BAŞOĞLU F., BALCI F. S.
Fourth Mediterranean Clay Meeting, Ankara, Turkey, 5 - 10 September 2006, pp.14
- XXXII. **Cu Al Karışık Sütunlu killerin FTIR Yardımı ile karakterizasyonu**
TURGUT BAŞOĞLU F., BALCI F. S.
12.Ulusal Kil Sempozyumu, Van, Turkey, 5 - 09 September 2005, pp.193-203
- XXXIII. **Improvements of Catalytic Properties of the pillared layered clays and investigation of catalytic activity in CO Oxidation**
TURGUT BAŞOĞLU F., BALCI F. S.
13th International Clay Conference, Tokyo, Japan, 21 - 27 August 2005, pp.55-56
- XXXIV. **Catalytic Active Sites Determination of Al PILC and Cu impregnated Al PILC by TPD TPR Study**
TURGUT BAŞOĞLU F., BALCI F. S.
11th ICSCS, Foz do Iguaçu, Brazil, 15 - 19 September 2003, pp.274-275
- XXXV. **Al tabakalı kil ve Cu emdirilmiş Al tabakalı killerin FTIR yardımı ile karakterizasyonu**
TURGUT BAŞOĞLU F., BALCI F. S.
XI. Ulusal Kil Sempozyumu, İzmir, Turkey, 3 - 06 September 2003, pp.713-719
- XXXVI. **Surface properties of the Ag Al and Cu Al pillared layered clay catalyst**
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Supported Projects

TURGUT BAŐOĐLU F., Project Supported by Higher Education Institutions, Gümüő Veya Bakir Yerleőtirilmiş Al-Sütunlu Killerin Asitlik Deđerlerinin Amonyak Adsorpsiyonla Belirlenmesi, 2008 - Continues

TURGUT BAŐOĐLU F., Project Supported by Higher Education Institutions, Al-Sütunlu Killerin Gözenek Yapısının İncelenmesi ve Krom Adsorpsiyonunda Test Edilmesi, 2007 - Continues

TURGUT BAŐOĐLU F., Project Supported by Higher Education Institutions, Ti-SÜTUNLU KİLLERİN GÖZENEK YAPISININ DFT YÖNTEMİYLE KARAKTERİZASYONU, 2010 - 2013

TURGUT BAŐOĐLU F., Project Supported by Higher Education Institutions, Ti-SÜTUNLU KİLLERİN SENTEZLENMESİ VE GÖZENEK YAPISININ İNCELENMESİ, 2009 - 2011

Citations

Total Citations (WOS):45

h-index (WOS):3