

Prof. MELTEM DOĞAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABI-5370-2020

ScopusID: 7102837953

Yoksis Researcher ID: 52677

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), Turkey 1994 - 2001

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Yl) (Tezli), Turkey 1991 - 1994

Undergraduate, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1988 - 1991

Research Areas

Chemical Reaction Engineering, Catalysis and Catalytic Processes, Process Design

Academic Titles / Tasks

Professor, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2017 - Continues

Associate Professor, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2010 - 2017

Assistant Professor, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2005 - 2010

Research Assistant, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 1992 - 2005

Courses

Kimya Mühendisliği Laboratuvarı I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Mühendislik Ekonomisi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2004 - 2005

Kimya Mühendisliği Termodinamiği, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2014 - 2015, 2006 - 2007, 2005 - 2006

Lisans Araştırma Projesi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

Engineering Thermodynamics, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2007 - 2008, 2006 - 2007, 2005 - 2006

Bitirme Ödevi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 -

2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

Introduction to Chemical Engineering, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Advanced Porous Materials, Postgraduate, 2018 - 2019, 2015 - 2016, 2013 - 2014, 2011 - 2012, 2006 - 2007

Kimya Mühendisliği Laboratuvarı III, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005

Porous Materials, Undergraduate, 2014 - 2015, 2012 - 2013, 2010 - 2011, 2008 - 2009, 2005 - 2006

Coal, Undergraduate, 2009 - 2010

Temel Bilgisayar Teknolojileri Kullanımı, Undergraduate, 2010 - 2011, 2008 - 2009

Advising Theses

DOĞAN M., Investigation Of Isobutane Dehydrogenation In Membrane Reactor, Postgraduate, A.DİLAY(Student), 2020

DOĞAN M., Synthesis And Characterization Of Palladium Alloy Membranes, Postgraduate, S.KILIÇ(Student), 2019

DOĞAN M., The Effect Of Support Type On Chromium Oxide Catalyst Structure, Postgraduate, Z.EROL(Student), 2018

DOĞAN M., Catalyst Synthesis And Characterization For Isobutane Dehydrogenation, Postgraduate, E.KIRCI(Student), 2017

DOĞAN M., Effects Of Synthesis Conditions On The Structure Of Pd-Cu Membranes, Postgraduate, N.KÜÇÜKTEPE(Student), 2016

DOĞAN M., İzobütan dehidrojenasyonu için MCM-41 destekli katalizörlerin sentezi ve membran reaktör uygulamaları, Doctorate, S.ÇETİNYOKUŞ(Student), 2014

DOĞAN M., MEMBRANE REACTOR APPLICATIONS ON DEHYDROGENATION REACTION, Postgraduate, O.MUZAFFER(Student), 2008

DOĞAN M., INVESTIGATION ON ISO-BUTANE DEHYDROGENATION IN FLUIDIZED BED MEMBRANE REACTORS, Postgraduate, S.KILIÇARSLAN(Student), 2008

Jury Memberships

Post Graduate, Post Graduate, Gazi Üniversitesi, July, 2023

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, July, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effects of Osmotic Flux on PdCu Alloy Membrane Structure**
Kilic S., Doğan M., Çetinyokuş S.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.48, no.7, pp.8887-8899, 2023 (SCI-Expanded)
- II. **Investigation of isobutane dehydrogenation on CrO_x/Al₂O₃ catalyst in a membrane reactor**
Erdali A. D., ÇETİNYOKUŞ S., DOĞAN M.
CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION, vol.175, 2022 (SCI-Expanded)
- III. **Investigation of the effectiveness of Cr@MCM-41 catalysts in isobutane dehydrogenation**
Kilicarslan S., Dogan M., Erol Z.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.36, no.2, pp.1075-1088, 2021 (SCI-Expanded)
- IV. **INVESTIGATION OF ISOBUTANE DEHYDROGENATION ON CrO_x/MCM-41 CATALYST**
Erol Z., Kilicarslan S., Dugan M.
MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, vol.39, no.1, 2020 (SCI-Expanded)

- V. **İzobütan Dehidrojenasyonunun CrOx/AC Katalizörler Üzerinde İncelenmesi**
DOĞAN M., ÇETİNYOKUŞ S., KIRCI E.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.33, no.2, pp.455-467, 2018 (SCI-Expanded)
- VI. **Investigation of isobutane dehydrogenation over CrOx/AC catalysts**
DOĞAN M., Kilicarslan S. C., Kirci E.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.33, no.2, pp.455-467, 2018 (SCI-Expanded)
- VII. **Contribution of Pd Membrane to Dehydrogenation of Isobutane Over a New Mesoporous Cr/MCM-41 Catalyst**
Kilicarslan S., DOĞAN M., DOĞU T.
INTERNATIONAL JOURNAL OF CHEMICAL REACTOR ENGINEERING, vol.14, no.3, pp.727-736, 2016 (SCI-Expanded)
- VIII. **Derivation of reaction rate expression for isobutane dehydrogenation and membrane reactor modelling**
Kilicarslan S., DOĞAN M., DOĞU T.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.31, no.3, pp.792-799, 2016 (SCI-Expanded)
- IX. **SYNTHESIS AND CHARACTERIZATION OF Ca-Cr-MCM-41 CATALYSTS FOR ISOBUTANE DEHYDROGENATION**
Cetinyokus Kilicarslan S., DOĞAN M., DOĞU T.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.29, no.3, pp.459-467, 2014 (SCI-Expanded)
- X. **Cr Incorporated MCM-41 Type Catalysts for Isobutane Dehydrogenation and Deactivation Mechanism**
Kilicarslan S., DOĞAN M., DOĞU T.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.52, no.10, pp.3674-3682, 2013 (SCI-Expanded)
- XI. **Effects of process parameters on the synthesis of palladium membranes**
DOĞAN M., Kilicarslan S.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.266, no.15, pp.3458-3466, 2008 (SCI-Expanded)
- XII. **Preparation of Palladium Composite Membranes on Pore Structure Modified and Non-Modified Supports by Electroless Plating Procedure**
Kilicarslan S., Afyon O. M., DOĞAN M.
TURKISH JOURNAL OF CHEMISTRY, vol.32, no.6, pp.699-710, 2008 (SCI-Expanded)
- XIII. **Preparation and characterization of palladium-plated, porous glass for hydrogen enrichment**
Altinisik O., Dogan M., Dogu G.
CATALYSIS TODAY, vol.105, pp.641-646, 2005 (SCI-Expanded)
- XIV. **Dynamics of flow and diffusion of adsorbing gases in Al₂O₃ and Pd-Al₂O₃ pellets**
Dogan M., Dogu G.
AIChE JOURNAL, vol.49, no.12, pp.3188-3198, 2003 (SCI-Expanded)
- XV. **Hydrogen diffusivity enhancement in alumina pellets due to impregnated palladium**
Dogan M., Dogu G.
CHEMICAL ENGINEERING COMMUNICATIONS, vol.190, pp.662-676, 2003 (SCI-Expanded)
- XVI. **Modeling of Autothermal Steam Methane Reforming in a Fluidized Bed Membrane Reactor**
DOĞAN M., Posarac D., Grace J., Adris A. M., Lim C. J.
INTERNATIONAL JOURNAL OF CHEMICAL REACTOR ENGINEERING, vol.1, 2003 (SCI-Expanded)
- XVII. **Soda ash production from Trona in a spray dryer**
Dogan M., Guldur C., Dogu G., Dogu T.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.68, no.2, pp.157-162, 1997 (SCI-Expanded)

Articles Published in Other Journals

- I. **Synthesis and Characterization of Chromium-based Catalysts on Titanium-Modified-MCM-41 for Oxidative Dehydrogenation of Isobutane**
Mustafa Yousef Mosa H., DOĞAN M., ÇETİNYOKUŞ S.
Bitlis Eren University Journal of Science and Technology, 2024 (Peer-Reviewed Journal)
- II. **Effects of Synthesis Conditions on the PdCu Membrane Structure**
ÇETİNYOKUŞ S., DOĞAN M., KÜÇÜKTEPE N.
Aksaray University Journal of Science and Engineering, vol.3, no.1, pp.29-42, 2019 (Peer-Reviewed Journal)
- III. **ELP Electroless Plating Tekniği ile Sentezlenen Pd Ag Membran Yapısına Banyo Bileşiminin Etkisi**
ÇETİNYOKUŞ KILIÇARSLAN S., DOĞAN M.
Journal of Science and Technology-A Applied Sciences and Engineering, vol.16, no.2, pp.255-264, 2015 (Peer-Reviewed Journal)
- IV. **EFFECT OF BATH COMPOSITION ON STRUCTURE OF Pd-Ag MEMBRANE SYNTHESIZED BY ELP (ELECTROLESS PLATING) TECHNIQUE**
Çetinyokuş S., Doğan M.
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi A-Uygulamalı Bilimler ve Mühendislik, vol.16, no.2, pp.255-264, 2015 (Peer-Reviewed Journal)
- V. **Synthesis of pd composite tubes by electroless plating for isobutane dehydrogenation**
Kilicarslan S., DOĞAN M.
Gazi University Journal of Science, vol.25, no.2, pp.485-493, 2012 (Scopus)
- VI. **Synthesis of Pd Composite Tubes by Electroless Plating for Isobutane Dehydrogenation**
ÇETİNYOKUŞ S., DOĞAN M.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.25, no.2, pp.485-493, 2012 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **SYNTHESIS AND CHARACTERIZATION OF K₂O-CrO_x/ALUMINA CATALYSTS FOR USE IN ISOBUTANE DEHYDROGENATION**
KARA ACAT H., DOĞAN M., ÇETİNYOKUŞ S.
8. Uluslararası 19 Mayıs Yenilikçi Bilimsel Yaklaşımlar Kongresi, Samsun, Turkey, 23 - 24 November 2022, pp.285-286
- II. **SYNTHESIS AND CHARACTERIZATION OF Cr-Ce/MCM-41 CATALYSTS**
Doğan M., Akçay B.
1 Mayıs Sosyal Politikalar ve Bilimsel Araştırmalar Kongresi, Ankara, Turkey, 01 May 2019
- III. **İzobütan Dehidrojenasyonu için CrO_x/Alumina Katalizörlerin Sentezi**
Erdali A. D., DOĞAN M.
1 Mayıs Sosyal Politikalar ve Bilimsel Araştırmalar Kongresi, Turkey, 01 May 2019
- IV. **PdCu Alaşım Membranlarının Ep (Electroless Plating) Yöntemiyle Hazırlanması**
Kılıç S., Doğan M.
13.Ulusal Kimya Mühendisliği Kongresi, Van, Turkey, 3 - 06 September 2018, pp.279
- V. **İzobütan Dehidrojenasyonunun Karbon Dioksitli Ortamda İncelenmesi**
İsmayilov E., Erol Z., Doğan M.
13.Ulusal Kimya Mühendisliği Kongresi, Van, Turkey, 3 - 06 September 2018, pp.212
- VI. **Investigation of isobutane dehydrogenation on CrO_x at TiO₂ catalyst**
EROL Z., ÇETİNYOKUŞ KILIÇARSLAN S., DOĞAN M.
9th Eastern Mediterranean Chemical Engineering Conference, 31 August - 02 September 2018
- VII. **Investigation of isobutane dehydrogenation on CrO_x@TiO₂ catalyst**
EROL Z., ÇETİNYOKUŞ S., DOĞAN M.
9th Eastern Mediterranean Chemical Engineering Conference, 31 August - 02 September 2018

- VIII. **ELP Tekniđi (Electroless Plating) ile Sentezlenen PdCu Membran Bileřimine Banyo Sıcaklıđının Etkisi**
KÜÇÜKTEPE N., ÇETİNYOKUŐ S., DOĐAN M.
12.Ulusal Kimya Mühendisliđi Kongresi, Turkey, 23 - 26 August 2016
- IX. **İzobütan Dehidrojenasyonunun Pd-membran Reaktörde İncelenmesi**
ÇETİNYOKUŐ S., DOĐAN M., DOĐU T.
6. Ulusal Kataliz Kongresi, Turkey, 27 - 30 April 2016
- X. **Investigation of Isobutane Dehydrogenation in a Pd membrane Reactor**
KILIÇARSLAN ÇETİNYOKUŐ S., DOĐAN M., DOĐU T.
NCC-6 The 6th Catalysis Conference, 27 - 30 April 2016
- XI. **ELP Electroless Plating Tekniđi ile Sentezlenen Pd Ag Membran Yapısına Banyo Bileřiminin Etkisi**
ÇETİNYOKUŐ KILIÇARSLAN S., DOĐAN M.
11.Ulusal Kimya Mühendisliđi Kongresi, Eskiřehir, Turkey, 2 - 05 September 2014
- XII. **Electroless Plating Tekniđi ile Sentezlenen Pd Ag Membran Yapısına Banyo Bileřiminin Etkisi**
SALİHA K. Ç., DOĐAN M.
11.Ulusal Kimya Mühendisliđi Kongresi, Turkey, 02 September 2014
- XIII. **İzobütan Dehidrojenasyonunda Yükseltgen Ortamın Cr MCM 41 Aktifliđine Etkisi**
ÇETİNYOKUŐ KILIÇARSLAN S., DOĐAN M., TİMUR D.
NCC-5(5th National Catalysis Congress), Adana, Turkey, 23 - 26 April 2014
- XIV. **Effect of the Oxidant Medium on Cr MCM 41 Activity for Isobutane Dehydrogenation**
SALİHA K. Ç., DOĐAN M., TİMUR D.
5th National Catalysis Congress, Turkey, 23 April 2014
- XV. **Fe MCM 41 Katalizörlerinin Sentezi ve İzobütan Dehidrojenasyon Uygulamaları**
ÇETİNYOKUŐ S., DOĐAN M.
10.Ulusal Kimya Mühendisliđi Kongresi, İstanbul, Turkey, 3 - 06 September 2012
- XVI. **Fe MCM 41 Katalizörlerinin Sentezi ve İzobütan Dehidrojenasyon Uygulamaları**
SALİHA K., DOĐAN M., TİMUR D.
10.Ulusal Kimya Mühendisliđi Kongresi, Turkey, 03 September 2012
- XVII. **Cu Cr MCM 41 and Zn Cr MCM 41 Catalyst Synthesis An Application to Isobutane Dehydrogenation**
ÇETİNYOKUŐ S., DOĐAN M., DOĐU T.
EMCC-7 (7th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries),
Corfu, Greece, 27 April - 01 May 2012, pp.263
- XVIII. **Cu Cr MCM 41 and Zn Cr MCM 41 catalyst synthesis An application to isobutane dehydrogenation**
SALİHA K., DOĐAN M., TİMUR D.
7th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries, 27 April
2012
- XIX. **İzobütan Dehidrojenasyonu için Sn Cr MCM 41 Katalizörlerinin Sentezi ve Karakterizasyonu**
ÇETİNYOKUŐ S., DOĐAN M., DOĐU T.
NCC-4(4th National Catalysis Congress), Kocaeli, Turkey, 21 - 24 March 2012, pp.122-123
- XX. **İzobütan Dehidrojenasyonu için Sn Cr MCM 41 Katalizörlerinin Sentezi ve Karakterizasyonu**
SALİHA K., DOĐAN M., DOĐU T.
4th National Catalysis Congress, Turkey, 21 March 2012
- XXI. **Palladyum Kompozit Membran Sentezi ve Reaksiyon Uygulamaları**
ÇETİNYOKUŐ S., AFYON M. O., DOĐAN M.
9. Ulusal Kimya Mühendisliđi Kongresi, Ankara, Turkey, 22 - 25 June 2010, pp.137-138
- XXII. **Paladyum Kompozit Membran Sentezi ve Reaksiyon Uygulamaları**
SALİHA K., DOĐAN M.
9. Ulusal Kimya Mühendisliđi Kongresi, Turkey, 22 June 2010
- XXIII. **İzobütan Dehidrojenasyonunun Membran Reaktörde İncelenmesi**
SALİHA K., DOĐAN M.
3. Ulusal Kataliz Kongresi, Turkey, 16 May 2010
- XXIV. **İzobütan Dehidrojenasyonunun Membran Reaktörde İncelenmesi**

- ÇETİNYOKUŞ S., DOĞAN M.
NCC-3(3rd National Catalysis Congress), Zonguldak, Turkey, 28 April - 01 May 2010, pp.122-123
- XXV. **Preparation and Characterization of Cr MCM 41 Catalyst**
ÇETİNYOKUŞ S., DOĞAN M., DOĞU T.
EMCC-6 (6th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries), Antalya, Turkey, 7 - 12 March 2010, pp.263
- XXVI. **Preparation and Characterization of Cr MCM 41 Catalysts**
SALİHA K., DOĞAN M., TİMUR D.
6. Eastern Mediterranean Chemical Engineering Conference, 07 March 2010
- XXVII. **Palladium Kompozit Membranların EDS Analizleri ile Karakterizasyonu**
ÇETİNYOKUŞ S., DOĞAN M.
8.Ulusal Kimya Mühendisliği Kongresi, Malatya, Turkey, 26 - 29 August 2008
- XXVIII. **Palladium Kompozit Membranların EDS Analizleri ile Karakterizasyonu**
SALİHA K., DOĞAN M.
8. Ulusal Kimya Mühendisliği Kongresi, Turkey, 26 August 2008
- XXIX. **Preparation of Palladium Membranes by Electroless Plating with Osmosis**
OSMAN A., DOĞAN M.
18th International Congress of Chemical and Process Engineering (CHISA 2008), 24 August 2008
- XXX. **Effect of Bed Temperature on the Synthesis of Pd Ag Composite Membranes**
ÇETİNYOKUŞ S., DOĞAN M.
EMCC-5(5th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries, Cetraro, 24 - 29 May 2008, pp.208-211
- XXXI. **Effect of Bath Temperature on the Synthesis of Pd Ag Composite Membranes**
SALİHA K., DOĞAN M.
5. Eastern Mediterranean Chemical Engineering Conference, 18 May 2008
- XXXII. **Study of Pd Dispersion in Pd Composite Membranes by Surface Mapping Method**
SALİHA K., DOĞAN M.
Book of Abstracts of Somer Symposium Series, 14 October 2007
- XXXIII. **Effects of Interdrying Steps on the Plating Structure in Electroless Plating Technique**
OSMAN A., DOĞAN M.
Book of Abstracts of Somer Symposium Series, 07 October 2007
- XXXIV. **Study of Pd Dispersion in Pd composite Membranes by Surface Mapping Method**
ÇETİNYOKUŞ S., DOĞAN M.
Somer Symposium Series Past, Present, Future Chemical Engineer "Innovation ", Ankara, Turkey, 14 - 15 May 2007, pp.74
- XXXV. **Dynamic Analysis of Carbon Dioxide Adsorption Rate Equilibrium and Diffusion in Porous Adsorbents by the Single Pellet Moment Technique**
DOĞAN M., GÜLŞEN D.
", 8. International Congress on Carbon Dioxide Utilization, 18 December 2005
- XXXVI. **Preparation and Characterization of Palladium Plated Porous Glass for Hydrogen Enrichment**
ÖZLEM A., DOĞAN M., GÜLŞEN D.
2nd International Conference on Structured Catalysts and Reactors, 23 October 2005
- XXXVII. **Contributions of Surface Diffusion and Surface Flow on Separation of Hydrogen by Palladium Alumina Composite Membranes**
DOĞAN M., GÜLŞEN D.
5. International Symposium on Catalysis in Multiphase Reactors & 4. International Symposium on Multifunctional Reactors, 26 June 2005
- XXXVIII. **Pore Structure of Palladium Incorporated Alumina Pellets**
DOĞAN M., DOĞU G.
Micro and Mesoporous Mineral Phases, 05 December 2004
- XXXIX. **Preparation of Pd Alumina Composite Membranes by Electroless Plating and Characterization**

Studies

Doğan M., Dönmez E.

3. Eastern Mediterranean Chemical Engineering Conference (EMCC), Thessaloniki, Greece, 14 May 2003

XL. Hydrogen Diffusivity Enhancement in Alumina Pellets due to Impregnated Palladium

Doğan M., Doğu G.

2. Eastern Mediterranean Chemical Engineering Conference (EMCC), Ankara, Turkey, 13 April 2001, pp.20

XLI. A dynamic Work for Adsorption and Diffusion of Hydrogen and Carbon Dioxide in Pd-Alumina Composites

Doğan M., Doğu G.

2000 AIChE Annual Meeting, California, United States Of America, 12 - 17 November 2000, pp.85-90

XLII. Alüminyum Oksit Tozlarından Elde Edilen Tabletlerde Gözenek Çapının Kontrolü ve Difüzyon Çalışmaları

DOĞAN M., GÜLŞEN D., HAYRİ Y.

”, 4. Ulusal Kimya Mühendisliği Kongresi Bildiri Kitabı, Turkey, 03 September 2000

XLIII. Kinetics Studies for Activated Soda Production from Trona in a Spray Dryer Reactor

Güldür F. Ç., Doğan M., Doğu G., Doğu T.

5th World Congress of Chemical Engineering, California, United States Of America, 08 September 1996, pp.105-110

XLIV. Püskürtmeli Kurutucuda Tronadan Aktif Soda Eldesi

Güldür F. Ç., Doğan M., Gülşen D., Doğu T.

1. Ulusal Kimya Mühendisliği Kongresi, Ankara, Turkey, 04 September 1994

Supported Projects

Doğan M., Akçay B., Project Supported by Higher Education Institutions, İzobütan Dehidrojenasyonu için Katalizör Geliştirilmesi, 2018 - 2019

Doğan M., Başağaç S., Project Supported by Higher Education Institutions, Palladyum Alaşım Membranların Sentezi ve Karakterizasyonu, 2017 - 2019

Doğan M., Kırıcı E., Project Supported by Higher Education Institutions, İzobütan Dehidrojenasyonu için CrOx AC Katalizörlerinin Sentezi, 2014 - 2015

Doğan M., Çetinyokuş S., Project Supported by Higher Education Institutions, ELP Electroless Plating Tekniği ile Sentezlenen Pg Ag Membran Yapısına Banyo Bileşiminin Etkisi, 2012 - 2013

Doğan M., Çetinyokuş S., Project Supported by Higher Education Institutions, Hidrojene Karşı Seçici Ticari Membran Tüpte Geçirgenlik Ölçümleri, 2011 - 2012

Doğan M., Çetinyokuş S., Project Supported by Higher Education Institutions, Pd Ag Alaşımlı Kompozit Membran Sentezi ve Karakterizasyonu, 2011 - 2012

Doğan M., Çetinyokuş S., Project Supported by Higher Education Institutions, Palladyum Kompozit Membranda H2 Geçirgenliğinin İncelenmesi, 2010 - 2011

Doğan M., Project Supported by Higher Education Institutions, İzobütan Dehidrojenasyonunun Pt Alumina Katalizörler Üzerinde İncelenmesi, 2009 - 2010

Doğan M., Project Supported by Higher Education Institutions, ELP Electroless Plating Tekniğinde Uygulanan Aktifleştirme Basamağı Sonrası Paladyum Taneciklerinin Dağılımı, 2007 - 2009

Doğan M., ÇETİNYOKUŞ S., Project Supported by Higher Education Institutions, Gözenekli Cam Desteğin Alumina İle Modifikasyonu, 2007 - 2008

Doğan M., Project Supported by Higher Education Institutions, Geçirgenlik Hız Verilerini Kullanarak Bükümlülük Faktörünün Belirlenmesi, 2007 - 2008

DOĞAN M., Project Supported by Higher Education Institutions, Alumina ve Pd-Alumina Tozlarının Sentezi ve Karakterizasyonu, 2006 - 2008

Doğan M., Project Supported by Higher Education Institutions, Alumina ve Pd Alumina Tozların Sentezi ve Karakterizasyonu, 2006 - 2008

Doğan M., Project Supported by Higher Education Institutions, Elektrolitik Olmayan Kaplama Tekniği ile Gözenekli Cam

Destekler Üzerine Palladyum Tabaka Kaplama Çalışmaları, 2005 - 2006

Doğan M., Project Supported by Higher Education Institutions, Gözenekli Cam Tabakalarda Tek Tablet Moment Tekniği Kullanılarak Helyumun Taşınım Parametrelerinin Belirlenmesi, 2003 - 2004

Activities in Scientific Journals

Gazi University Journal of Science, Committee Member, 2017 - Continues

Metrics

Publication: 68

Citation (WoS): 125

Citation (Scopus): 139

H-Index (WoS): 6

H-Index (Scopus): 6

Scholarships

TÜBİTAK-NATO/A2 bursu, TÜBİTAK, 1998 - 1998

Non Academic Experience

Gazi Üniversitesi

Gazi Üniversitesi

Gazi Üniversitesi