Assoc. Prof. MURAT EFGAN KİBAR

Personal Information

Office Phone: +90 262 303 3546
Email: efgankibar@kocaeli.edu.tr
Web: https://avesis.kocaeli.edu.tr/1996

International Researcher IDs
ScholarID: aMLDtiAAAAAJ
ORCID: 0000-0002-7968-3099
Publons / Web Of Science ResearcherID: F-5826-2018
ScopusID: 57189002271
Yoksis Researcher ID: 153067

Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), Turkey 2005 - 2016
Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Anabilim Dalı, Turkey 2002 - 2005
Undergraduate, Hacettepe University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1996 - 2002

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Karbon dioksit giderimi için yeni süreç geliştirilmesi, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), 2016
Postgraduate, Karbon monoksitin düşük sıcaklıkta seçimli oksidasyonu için CoOx-CuOx-CeO2 katalizörlerinin deneysel tasarım yöntemi ile hazırlama koşullarının incelenmesi, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Anabilim Dalı, 2005

Research Areas

Chemical Engineering and Technology, Process and Reactor Design, Chemical Reaction Engineering, Catalysis and Catalytic Processes, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Kocaeli University, Mühendislik Fakültesi, Kimya Mühendisliği, 2022 - Continues
Research Assistant PhD, Kocaeli University, Mühendislik Fakültesi, Kimya Mühendisliği, 2003 - Continues

Academic and Administrative Experience

Assistant Manager of Research and Application Center, Kocaeli University, Mühendislik Fakültesi, Kimya Mühendisliği, 2022 - Continues
Internship Committee Member, Kocaeli University, Mühendislik Fakültesi, Kimya Mühendisliği, 2004 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Kocaeli University, Mühendislik Fakültesi, Kimya Mühendisliği, 2021 - 2022
Curriculum Preparation Committee Member, Kocaeli University, Mühendislik Fakültesi, Kimya Mühendisliği, 2016 - 2022
Exam Program Preparation Commission Member, Kocaeli University, Mühendislik Fakültesi, Kimya Mühendisliği, 2016 - 2022

Courses

Kaynak Araştırma ve Sunumu, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Bilgisayar Destekli Proses Mühendisliği, Undergraduate, 2023 - 2024, 2022 - 2023
Chemical Engineering Laboratory I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Bitirme Çalışması, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Malzeme Bilimi, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Sürdürülebilir Katalitik Prosesler, Doctorate, 2022 - 2023
Uzmanlık Alan Dersi, Postgraduate, 2023 - 2024, 2022 - 2023
Chemical Engineering Laboratory II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Catalysis, Undergraduate, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Assessment of Homogeneous and Heterogeneous Catalysts in Transesterification Reaction: A Mini Review**
KİBAR M. E., Hilal L., Çapa B. T., Bahçıvanlar B., Abdeljelil B. B.
ChemBioEng Reviews, vol.10, no.4, pp.412-422, 2023 (SCI-Expanded)

II. **Case analysis and future aspects of photo/thermocatalytic hydrogen production from methanol**
KİBAR M. E., Hilal L., Abdeljelil B. B.
REACTION CHEMISTRY & ENGINEERING, vol.8, no.4, pp.746-751, 2023 (SCI-Expanded)

III. **Preparation of copper oxide-cerium oxide/nanotube-titanium dioxide photocatalyst for CO2 conversion in solar light**
KİBAR M. E.
REACTION KINETICS MECHANISMS AND CATALYSIS, vol.134, no.2, pp.937-950, 2021 (SCI-Expanded)

IV. **Optimization of Carbon Dioxide Capture Process Parameters in Sodium Metaborate Solution**
KİBAR M. E.
IRANIAN JOURNAL OF CHEMISTRY & CHEMICAL ENGINEERING-INTERNATIONAL ENGLISH EDITION, vol.40, no.5, pp.1554-1565, 2021 (SCI-Expanded)

V. **UV-assisted desalination of seawater using titanium dioxide nanotube doped polyether block amide membrane**
Nigiz F., Kibar M. E.
Water Science and Technology: Water Supply, vol.20, pp.2185-2193, 2020 (SCI-Expanded)

VI. **Nickel-based catalysts for hydrogen production by steam reforming of glycerol**
Karakoc O. P., Kibar M. E., Akın A. N., Yıldız M.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.16, no.9, pp.5117-5124, 2019

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VII. **Catalytic Wet Air Oxidation of Pulp and Paper Industry Wastewater**
Kibar M. E., Veli S., Arslan A., Ketizmen S., Akın A. N.
JOURNAL OF WATER CHEMISTRY AND TECHNOLOGY, vol.41, pp.36-43, 2019 (SCI-Expanded)

VIII. **Effect of morphology of activated carbon supports for cobalt boride catalysts on the hydrolysis reaction of sodium borohydride**
Kibar M. E., Engintepe E., Ozdemır E., Kaplan Ö., Çelik C., Akın A. N.
INTERNATIONAL JOURNAL OF CHEMICAL KINETICS, vol.50, pp.839-845, 2018 (SCI-Expanded)

IX. **Biyogazınoksidatif buhar reformlaması için Ni-CeO2/MgAl hidrotalsit benzeri katalizörün hazırlanması**
ÖZCAN DOĞAN M., ÖZCAN O., KİBAR M. E., AKIN A. N.
Journal Of The Faculty Of Engineering And Architecture Of Gazi University, 2018 (SCI-Expanded)

X. **A novel process for CO2 capture by using sodium metaborate. Part I: effects of calcination**
Kibar M. E., Akın A. N.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.25, pp.3446-3457, 2018 (SCI-Expanded)

XI. **A Novel Process for CO2 Capture by Using Sodium Metaborate, Part II: Carbonation Reaction and Kinetic Studies**
Kibar M. E., Akın A. N.
INTERNATIONAL JOURNAL OF CHEMICAL KINETICS, vol.49, pp.119-129, 2017 (SCI-Expanded)

XII. **Optimization, modeling and characterization of sol-gel process parameters for the synthesis of nanostructured boron doped alumina catalyst supports**
Kibar M. E., Özcan O., Dusova-Teke Y., Yonel-Gumruk E., Akın A. N.
MICROPOROUS AND MESOPOROUS MATERIALS, vol.229, pp.134-144, 2016 (SCI-Expanded)

XIII. **A comparative study for removal of different dyes over M/TiO2 (M = Cu, Ni, Co, Fe, Mn and Cr) photocatalysts under visible light irradiation**
Kerkez-Kuyumcu O., Kibar E., Dayioglu K., Gedik F., Akın A. N., Ozkara-Aydinoglu S.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.311, pp.176-185, 2015 (SCI-Expanded)

Articles Published in Other Journals

I. **Photocatalytic activity of TiO2-Cu-metal-organic framework (MOF)**
Katırcı A., KİBAR M. E., Nigiz F. U.
Bulgarian Chemical Communications, vol.55, no.3, pp.283-288, 2023 (Scopus)

II. **Preparation of black-titanium dioxide nanotubes by thermal decomposition of sodium borohydride**
Kibar M. E.
Journal of advanced research in natural and applied sciences (Online), vol.7, no.1, pp.71-81, 2021 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Green Hydrogen Synthesis Methods**
YILDIZ M., KİBAR M. E.
in: Advances in Green Synthesis, Inamuddin Rajender, BoddulaMohd Imran Ahamed, Anish Khan, Editor, Springer, Cham, na, pp.247-255, 2021

Refereed Congress / Symposium Publications in Proceedings

I. **METİL TURUNCUSUNUN SULU ÇÖZELTİLERDEN CuO NANOPARTİKÜLLER KULLANILARAK**

UZAKLAŞTIRILMASININ İNCELENMESİ VE MODELLENMESİ
ENGİNTEPE E., KİBAR M. E., AKIN A. N.
15. Ulusal Kimya Mühendisliği Kongresi, Çanakkale, Turkey, 4 - 07 September 2023, pp.1233-1235

II. **NANO BOYUTTA HAZIRLANAN LANTANYUM KATKILI TİTANYUM DİOKSİTİN METİLEN MAVİSİ ADSORPSİYONU ETKİNLİĞİNİN İNCELENMESİ**
ENGİNTEPE E., KİBAR M. E., AKIN A. N.
15. Ulusal Kimya Mühendisliği Kongresi, Çanakkale, Turkey, 4 - 07 September 2023, pp.1230-1232

III. **Photocatalytic Activity of TiO2-Cu-Metal-Organic Framework (MOF)**
Katırcı A., KİBAR M. E., UĞUR NİGİZ F.
9th International Conference on New Trends in Chemistry, Üsküp, Macedonia, 19 - 21 May 2023, pp.59-60

IV. **INVESTIGATION OF LOW-TEMPERATURE POLYMER ELECTROLYTE MEMBRANE FOR ELECTROCHEMICAL HYDROGEN COMPRESSOR**
Türkmen A. C., Meydan C. E., Ağtoprak K., Acıdereli H., Akay R. G., Kibar M. E., Çelik C.
23th World Hydrogen Energy Conference (WHEC 2022), İstanbul, Turkey, 26 June 2022, pp.80

V. **PRODUCTION OF TiO2 CATALYST SUPPORT MATERIALS FROM ILMENITE ORES BY ALKALINE SEPARATION METHOD**
Balıkçı B., Kibar M. E., Yıldız M.
1st -International Congress on Modern Sciences, Toskent, Uzbekistan, 10 May 2022, pp.783-788

VI. **PREPARATION AND CHARACTERIZATION OF BORON DOPED NANOTUBE TITANIUM DIOXIDE**
KİBAR M. E., YILDIZ M.
1st-International Congress on Modern Sciences, Taşkent, Uzbekistan, 10 May 2022, pp.776-782

VII. **Polyethylene glycol/polyvinyl alcohol membrane production for gas separation**
UĞUR NİGİZ F., KİBAR M. E.
2nd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2020), 07 October 2020

VIII. **Katalizör İndirgeme Parametresinin Gliserinden Laktik Asit Üretimine Etkisi**
Aygül S., KİBAR M. E., YILDIZ M.
International Marmara Sciences Congress(IMASCON-Spring 2020), 19 - 20 June 2020

IX. **UV-Assisted Desalination of Seawater UsingTitanium Dioxide Nanotube Doped Polyether Block Amide Membrane.**
UĞUR NİGİZ F., KİBAR M. E.
11 th Eastern European YoungWater Professionals Conference IWA YWP, 1 - 05 September 2019

X. **GLİSEROLDEN TİO2 DESTEKLİ AL2O3 KATALİZÖRÜ İLE LAKTİK ASİT ÜRETİMİNİN İNCELENMESİ**
Artut S., KİBAR M. E., YILDIZ M.
Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi (IMASCON), 26 - 28 April 2019

XI. **Investigation of Carbonation Reaction by Experimental Design**
KİBAR M. E., AKIN A. N.
International Symposium on Boron (BORON2019), Nevşehir, Turkey, 17 - 19 April 2019, pp.763-772

XII. **Synthesis of Boron Doped Titania and Lactic Acid Production**
KİBAR M. E., YILDIZ M.
International Symposium on Boron (BORON2019), Nevşehir, Turkey, 17 - 19 April 2019, pp.391-396

XIII. **Bor Katkılı Nanotüp Titania Sentezi ve Laktik Asit Üretimi**
KİBAR M. E., YILDIZ M.
International Symposium on Boron, 17 - 19 April 2019

XIV. **Investigation of Hydration Factor of Sodium Metaborate in Carbonation Reaction**
KİBAR M. E., AKIN A. N.
International Symposium on Boron (BORON2019), Nevşehir, Turkey, 17 - 19 April 2019

XV. **Investigation of Photocatalytic Carbonation Reaction in SodiumMetaborate Solution**
KİBAR M. E., AKIN A. N.
7th National Catalysis Congress NCC 7, 9 - 12 September 2018

XVI. **Sodyum Metaboratın CO2 ile Tepkimesinde Kalsinasyon Koşullarının İncelenmesi**

CİNİK R. F., KİBAR M. E., AKIN A. N.
13. Ulusal Kimya Mühendisliği Kongresi, Turkey, 3 - 06 September 2018

XVII. **INVESTIGATION OF CATALYST AND REACTION CONDITIONS FOR HYDROGEN PRODUCTION BY STEAM REFORMING OF GLYCEROL**
PARLAR Ö., KİBAR M. E., AKIN A. N., YILDIZ M.
4th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING(ICCESEN-2017), 4 - 08 October 2017

XVIII. **Study on hydrolysis activity of NaBH4 with Co-B catalysts supported on different activated carbons**
KİBAR M. E., ENGİNTEPE E., ÖZDEMİR E., KAPLAN Ö., ÇELİK C., KAYIRAN BEYAZ s., AKIN A. N.
13 th European Congress on Catalysis – EuropaCat-XIII, 27 - 31 August 2017

XIX. **Development of CuOx-CeO2/nt-(w,b)TiO2 photocatalysts for CO2 reduction**
KİBAR M. E., AKIN A. N.
13 th European Congress on Catalysis – EuropaCat-XIII, 27 - 31 August 2017

XX. **Fotokatalitik Yöntemle Karbondioksit Giderimi**
GÜRGÜR G., KİBAR M. E., AKIN A. N.
Gebze Teknik Üniversitesi 2. İnovatif Kimya Bilim Öğrenci Kongresi, Kocaeli, Turkey, 07 April 2017

XXI. **Preparation and hydrodesulfurization performance of B promoted alumina supported Co Mo sulfide catalysts**
Özcan O., Kibar M. E., Düşova Teke Y., Yönel Gümrük E., Akın A. N.
XXII. International Conference on Chemical Reactors, London, England, 19 - 23 September 2016

XXII. **Partial Oxidation of Biogas for Hydrogen Production over Ce-Promoted Ni/Mgal Hydrotalcite-Like Catalyst**
Engintepe E., Doğan M., Özcan O., Kibar M. E., Akın A. N.
IEEES-8, Antalya, Turkey, 1 - 04 May 2016, pp.823-825

XXIII. **Synthesis Gas Production from Tri Reforming and Partial Oxidation of Simulated Biogas over Ni/ZrO2-MgO-Al2O3**
Doğan M., Engintepe E., Özcan O., Kibar M. E., Akın A. N.
8th International Exergy, Energy and Environment Symposium, Antalya, Turkey, 1 - 04 May 2016

XXIV. **Influence of Boron Loading Sequence on HDS Catalyst Activity**
Düşova Teke Y., Yönel Gümrük E., Özcan O., Kibar M. E., Akın A. N.
8th International Exergy, Energy and Environment Symposium, Antalya, Turkey, 01 May 2016 - 04 May 2106, pp.672-675

XXV. **INVESTIGATION OF CATALYST, REACTION CONDITIONS AND PROCESS DESIGN FOR HYDROGEN PRODUCTION FROM STEAM REFORMING OF GLYCEROL**
Parlar O., KİBAR M. E., AKIN A. N., YILDIZ M.
NCC-6, 27 - 30 April 2016

XXVI. **Investıgatıon Of Catalyst Reactıon Condıtıons And Process Desıgn For Hydrogen Productıon From Steam Reformıng Of Glycerol**
Parlar Ö., KİBAR M. E., AKIN A. N., KARAMAN M.
NCC6, Bursa, Turkey, 27 - 30 April 2016

XXVII. **Oxidative Steam Reforming of Biogas by over NiCe/MgAl Hydrotalcite-like catalysts**
Doğan M., Özcan O., Kibar M. E., Akın A. N.
NCC 6, Bursa, Turkey, 27 - 30 April 2016, pp.114

XXVIII. **Oxidative Steam Reforming of Biogas over NiCe MgAl Hydrotalcite like catalysts**
DOĞAN M., ÖZCAN O., KİBAR M. E., AKIN A. N.
NCC6-The 6th Catalysis Conference, 26 April 2106 - 29 April 2016

XXIX. **Development of CuOx nr TiO2 Catalysts for CO2 abatement**
KİBAR M. E., GÜRGÜR G., AKIN A. N.
NCC6-The 6th Catalysis Conference, 26 April 2106 - 29 April 2016

XXX. **Partial oxidation of biogas for hydrogen production over Ce promoted Ni MgAl Hydrotalcite like catalyst**

ENGİNTEPE E., DOĞAN M., ÖZCAN O., KİBAR M. E., AKIN A. N.
8th International Exergy, Energy and Environment Symposium, 1 - 05 May 2016

XXXI. **Investigation of the Effects of Boric acid on Boria Alumina Catalyst Support**
Yonel Gumruk E., Dusova Teke Y., Seckin C., Özcan O., Kibar M. E., Akın A. N.
4th Nano Today Conference, Dubai, United Arab Emirates, 6 - 10 December 2015

XXXII. **Modelling and Optimization of Sol Gel Process Parameters to Synthesize Nano Structured Boria Alumina Catalysts Supports Response Surface Methodology Approach**
Özcan O., Düşova Teke Y., Kibar M. E., Seçkin C., Yönel Gümrük E., Akın A. N.
12. European Congress on Catalysis, Kazan, Russia, 30 August - 04 September 2015

XXXIII. **Modeling and Optimization of Sol Gel Process Parameters to Synthesize Nanostructured Boria Alumina Catalyst Supports Response Surface Methodology Approach**
ÖZCAN O., YEŞİM D. T., KİBAR M. E., SEÇKİN c., GÜMRÜKYÖNEL E., AKIN A. N.
12th European Congress on Catalysis – EuropaCat-XII, 30 August - 04 September 2015

XXXIV. **Development of a hydroprocessing catalyst containing Boron and Nano-boron compounds**
Yönel Gümrük E., Kartal Berker A. M., Özcan O., Kibar M. E., Akın A. N.
Nanotech Advanced Materials & Applications Innovation Conference and Expo, Washington, United States Of America, 15 - 18 June 2014

XXXV. **Preparationof Ni/MgAl Hydrotalcite Catalysts for Steam Reforming ofGlycerol**
Doğan Özcan M., Yüksel D. İ., KİBAR M. E., AKIN A. N.
NCC 5, 23 - 26 April 2014

XXXVI. **Günümüzde Kitle İmha Silahlarının Yayılması, Güvenliği ve Korunma Yöntemleri**
Tekin G. N., Doğan Özcan M., KİBAR M. E., AKIN A. N.
International Security Congress, 8 - 09 October 2013

XXXVII. **Dünyada Fosil Kökenli Kaynakların Rezervleri ve Geleceği**
Doğan Özcan M., Tekin G. N., KİBAR M. E., AKIN A. N.
International Security Congress, 8 - 09 October 2013

XXXVIII. **Günümüzde Kimyasal Silahların Sınıflandırılması ve Korunma Yöntemleri**
Tekin G. N., Doğan Özcan M., KİBAR M. E., AKIN A. N.
International Security Congress, 8 - 09 October 2013

XXXIX. **Yenilenebilir Enerji Kaynaklarından Hidrojen Eldesi**
Doğan Özcan M., KİBAR M. E., AKIN A. N.
International Security Congress, 8 - 09 October 2013

XL. **Kimyasal Silahların Kimyası ve Üretim Teknolojileri**
Tekin G. N., Doğan Özcan M., KİBAR M. E., AKIN A. N.
International Security Congress, 8 - 09 October 2013

XLI. **Alglerden Yakıt Üretim Teknolojileri**
Özcan O., Kibar M. E., Akın A. N.
3.İleri Teknolojiler Çalıştayı İTÇ 2012, İstanbul, Turkey, 4 - 06 October 2012

XLII. **Üçüncü Nesil Biyoyakıt Üretiminde Kullanılacak Nanokatalizörlerin Sol-Jel Yöntemi ile Sentezi**
Özcan O., Kibar M. E., Akın A. N.
3.İleri Teknolojiler Çalıştayı, İTÇ 2012, İstanbul, Turkey, 4 - 06 October 2012

XLIII. **Preparation and Characterization of Co-Mo/Al2O3 Catalysts Prepared by Sol-Gel Method For Catalytic Hydrotreatment Reaction of Algae-Oil**
Özcan O., Kibar M. E., Akın A. N.
EFCATS Summer School 2012, Milan, Italy, 11 - 15 September 2012

XLIV. **SOL-GEL YÖNTEMİYLE BOR-ALUMİNA DESTEK MALZEMESİNİN HAZIRLANMASI**
Teke Düşova Y., Özcan O., Kibar M. E., Seçkin C., Yönel Gümrük E., Akın A. N.
11. Ulusal Kimya Mühendisliği Kongresi 2014, Eskişehir, Turkey, 2 - 05 September 2014

XLV. **Treatment of a Baker's Yeast Industry Effluent by Heterogenous Fenton Oxidation**
KİBAR M. E., Kaya T., AKIN A. N.
International Conference on Recycling and Reuse, RR, 2012, 4 - 06 June 2012

XLVI. **Recovery of Sodium Metaborate by CO2 : Effect of Calcination Temperature and Media**
KİBAR M. E., AKIN A. N.
International Conference on Recycling and Reuse, RR-2012, 4 - 06 June 2012

XLVII. **An Alternating Process of Carbon Dioxide Removal : Assessment of Sodium Metaborate**
KİBAR M. E., AKIN A. N.
12th International Combustion Symposium, ICS 2012, 24 - 26 May 2012

XLVIII. **Development of an Active FeOx Based Catalyst for Advanced Oxidation Processes**
Kaya T., KİBAR M. E., AKIN A. N.
4th National Catalysis Congress NCC 4, 21 - 24 March 2012

XLIX. **Carbon Nanotube and Porous Supports on Catalytic Performance of Ni Catalyst in the Methane Cracking for Hydrogen Production**
SAADET b., OZAN AYDIN G., EYÜP ş., HAŞİMOĞLU A., TEKİN N., KİBAR M. E., FARİDA L.
International Conference on Hydrogen Production, 16 - 18 June 2010

L. **Hydrogen Chemisorption on Metal Loaded Carbon Nanotubes**
OZAN AYDIN G., BEYAZ s., TEKİN N., KİBAR M. E.
6th Nanoscience and Nanotechnology Conference, 15 - 18 June 2010

LI. **Sodyum Metaboratın Geri Kazanımı**
KİBAR M. E., AKIN A. N.
IV. Ulusal Hidrojen Kongresi ve Sergisi, Turkey, 15 - 16 October 2009

LII. **Sodyum Borhidrür Üretim Süreçleri**
KİBAR M. E., AKIN A. N.
IV. Ulusal Hidrojen Kongresi ve Sergisi, Turkey, 15 - 16 October 2009

LIII. **Kombine Atıksuların Arıtımında Ön Arıtım Basamağı Olarak Islak Oksidasyon Prosesinin Uygulanabilirliği**
ARSLAN A., CAN DOĞAN E., KİBAR M. E., AKIN A. N.
Çevre Sorunları Sempozyumu, Kocaeli, Turkey, 14 - 17 May 2008, pp.1009-1016

LIV. **CuOx-CoOx-CeO2 Kompozit Katalizörlerinin CO Oksidasyonunda Tepkime Koşullarinin İncelenmesi**
KİBAR M. E., YILDIRIM R., AKIN A. N.
Ulusal Kimya Mühendisliği Kongresi 2006 UKMK 7, Turkey, 5 - 08 September 2006

LV. **CuOx-CoOx-CeO2 Kompozit Katalizörlerinin Deneysel Tasarım Yöentemi ile Hazırlama Koşullarının İncelenmesi**
KİBAR M. E., YILDIRIM R., AKIN A. N.
Ulusal Kimya Mühendisliği Kongresi 2004 UKMK 6, Turkey, 7 - 10 September 2004

Supported Projects

KİBAR M. E., AKIN A. N., Project Supported by Higher Education Institutions, Lantanyum Oksit Nanoyapıların Sentezlenmesi ve Etilen Sentezinde Katalizör Olarak Kullanılması, 2022 - 2023

AKIN A. N., YILDIZ M., AKAY R. G., UYAR B., KİBAR M. E., ÖZCAN O., ENGİNTEPE E., Project Supported by Higher Education Institutions, Metandan Oksidatif Birleşme Reaksiyonu ile Etilen Sentezi, 2020 - 2021

KİBAR M. E., UĞUR NİGİZ F., Project Supported by Higher Education Institutions, Grafen ve Titanyum Katkılı Gaz Ayırma Membranlarının Sentezi ve Doğalgazdan Karbondioksit Gideriminde Kullanılması, 2019 - 2021

İLGEN O., YILDIZ M., AKAY R. G., KİBAR M. E., ÇAKIRCA E. E., ŞENOYMAK TARAKÇI M. İ., AKIN A. N., Project Supported by Higher Education Institutions, 2019-REAKSİYON MÜHENDİSLİĞİ LABORATUVARI, 2019 - 2020

KİBAR M. E., Project Supported by Higher Education Institutions, CO2 YAKALANMASINDA SEÇİMLİ CUOX-CEO2/NT-TİO2 FOTOKATALİZÖRLER İÇİN SÜREÇ OLUŞTURULMASI VE GELİŞTİRİLMESİ, 2017 - 2020

Akın A. N., Kibar M. E., TUBITAK Project, Sodyum Metaboratın Karbondioksit Emisyonları Gideriminde Kullanılmasıİçin Süreç Geliştirilmesi, 2017 - 2020

KİBAR M. E., Project Supported by Higher Education Institutions, CO2 GİDERİMİNDE TİO2 DESTEKLİ FOTOKATAKİZÖRLERİN GELİŞTİRİLMESİ, 2017 - 2018

Patent

AKIN A. N., ÖZCAN O., KİBAR M. E., Bir katalizör destek malzemesi üretim yöntemi., Patent, CHAPTER C Chemistry; Metallurgy, Standard Registration, 2018
Gümrük E., Seçkin Ö. C., Teke Y., Akın A. N., Özcan O., Kibar M. E., A METHOD FOR PRODUCTION OF A CATALYST SUPPORTING MATERIAL, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: WO/2017/048205 , Standard Registration, 2017

Activities in Scientific Journals

Kocaeli Üniversitesi Fen Bilimleri Dergisi, Committee Member, 2023 - Continues
İleri Mühendislik Çalışmaları ve Teknolojileri Dergisi, Committee Member, 2022 - Continues

Scientific Refereeing

REACTION KINETICS, MECHANISMS AND CATALYSIS, SCI Journal, December 2023
BIOMASS CONVERSION AND BIOREFINERY, SCI Journal, August 2023
Project Supported by Higher Education Institutions, BAP Research Project, Canakkale Onsekiz Mart University, Turkey, August 2023
İleri Mühendislik Çalışmaları ve Teknolojileri Dergisi, National Scientific Refreed Journal, July 2023
Journal of advanced research in natural and applied sciences (Online), National Scientific Refreed Journal, July 2023
IRANIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, SCI Journal, March 2023
REACTION KINETICS, MECHANISMS AND CATALYSIS, SCI Journal, December 2022
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, December 2022
JOURNAL OF CHARACTERIZATION, National Scientific Refreed Journal, November 2022
İleri Mühendislik Çalışmaları ve Teknolojileri Dergisi, National Scientific Refreed Journal, April 2022
IRANIAN JOURNAL OF CHEMISTRY & CHEMICAL ENGINEERING-INTERNATIONAL ENGLISH EDITION, Journal Indexed in SCI-E, December 2021
JOURNAL OF ADVANCED RESEARCH İN NATURAL AND APPLİED SCİENCES (ONLİNE), National Scientific Refreed Journal, August 2021
IRANIAN JOURNAL OF CHEMISTRY & CHEMICAL ENGINEERING-INTERNATIONAL ENGLISH EDITION, Journal Indexed in SCI-E, July 2021
IRANIAN JOURNAL OF CHEMISTRY & CHEMICAL ENGINEERING-INTERNATIONAL ENGLISH EDITION, Journal Indexed in SCI-E, April 2021
CHEMICAL ENGINEERING COMMUNICATIONS, Journal Indexed in SCI-E, February 2021
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, November 2020
CHEMICAL ENGINEERING COMMUNICATIONS, Journal Indexed in SCI-E, September 2020
Kocaeli Üniversitesi Fen Bilimleri Dergisi, Other Journals, July 2020
AVRUPA BİLİM VE TEKNOLOJİ DERGİSİ, National Scientific Refreed Journal, November 2019

Metrics

Publication: 72
Citation (WoS): 168
Citation (Scopus): 183
H-Index (WoS): 5
H-Index (Scopus): 6

Invited Talks

8. Bilim Günleri, Conference, TED Kocaeli, Turkey, May 2023