

# Prof. NİLÜFER HİLMİOĞLU

## Personal Information

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## Education Information

Doctorate, İstanbul Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1991 - 1998

Post Graduate, İstanbul Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1987 - 1990

Under Graduate, İstanbul Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1983 - 1987

## Foreign Languages

English, B2 Upper Intermediate

## Research Areas

Chemical Engineering and Technology, Membrane Technology, Basic Operations and Thermodynamics, Heat Transfer, Separation Operations, Mass Transfer, Transport Events, Engineering and Technology

## Academic Titles / Tasks

Professor, Kocaeli Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2017 - Continues

## Professional Experience

Head of Department, Kocaeli University, Mühendislik Fakültesi, Kimya Mühendisliği, 2019 - Continues

Deputy Head of Department, Kocaeli Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2005 - 2010

## Courses

Mass Transfer, Under Graduate, 2019 - 2020

Unit operations in chemical engineering, Under Graduate, 2018 - 2019

TRANSPORT PHENOMENA, Post Graduate, 2017 - 2018

MEMBRANE AND MEMBRANE PROCESSES, Post Graduate, 2017 - 2018

Operations involving solid particles, Under Graduate, 2014 - 2015

ADVANCED MASS TRANSFER, Doctorate, 2013 - 2014

Membran Technology, Under Graduate, 2012 - 2013

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

- I. **Pervaporative Separation of Mixed Volatile Fatty Acids: A Study Towards Integrated VFA Production and Separation**  
YESİL H., TANER h., UĞUR NİGİZ F., HİLMİOĞLU N., TUĞTAŞ KARNABAT A. E.  
WASTE AND BIOMASS VALORIZATION, vol.11, no.5, pp.1737-1753, 2020 (Journal Indexed in SCI)
- II. **Application of aspen plus to renewable hydrogen production from glycerol by steam reforming**  
Unlu D., HİLMİOĞLU N.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.45, pp.3509-3515, 2020 (Journal Indexed in SCI)
- III. **Enhanced hydrogen purification by graphene - Poly(Dimethyl siloxane) membrane**  
Uğur Nigiz F., Hilmioğlu N.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.45, no.5, pp.3549-3557, 2020 (Journal Indexed in SCI)
- IV. **Multi-walled carbon nanotube doped PVA membrane for desalination**  
Yilman B., Nigiz F., AYTAÇ A., HİLMİOĞLU N.  
WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY, vol.19, pp.1229-1237, 2019 (Journal Indexed in SCI)
- V. **Production of Fuel Bioadditive "Triacetin" Using a Phosphomolybdic-Acid-Loaded PVA Membrane in a Pervaporation Catalytic Membrane Reactor**  
Unlu D., Hilmioğlu N.  
ENERGY & FUELS, vol.33, pp.2208-2218, 2019 (Journal Indexed in SCI)
- VI. **Pervaporative desalination of seawater using a polyvinylidene fluoride based membrane**  
NIGİZ F., HİLMİOĞLU N.  
WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY, vol.18, no.5, pp.1674-1681, 2018 (Journal Indexed in SCI)
- VII. **Pervaporation catalytic membrane reactor application over functional chitosan membrane**  
Unlu D., Hilmioğlu N.  
JOURNAL OF MEMBRANE SCIENCE, vol.559, pp.138-147, 2018 (Journal Indexed in SCI)
- VIII. **Ethyl Lactate Synthesis by Catalytic Membranes in a Pervaporation-Assisted Membrane Reactor**  
NIGİZ F., Hilmioğlu N.  
CHEMICAL ENGINEERING & TECHNOLOGY, vol.41, pp.836-844, 2018 (Journal Indexed in SCI)
- IX. **Improvement of fuel properties of biodiesel with bioadditive ethyl levulinate**  
Unlu D., Boz N., İLGEN O., HİLMİOĞLU N.  
OPEN CHEMISTRY, vol.16, no.1, pp.647-652, 2018 (Journal Indexed in SCI)
- X. **Fabrication of a novel polyhedral oligomeric silsesquioxanes/polyether-block-amide nano-hybrid membrane for pervaporative separation of model fuel butanol**  
NIGİZ F., Hilmioğlu N.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.134, 2017 (Journal Indexed in SCI)
- XI. **Carbon Black Loaded Composite Poly(Dimethyl Siloxane) Membrane Preparation and Application for Hazardous Chemical Removal from Water**  
NIGİZ F., UNLU D., HİLMİOĞLU N.  
ACTA PHYSICA POLONICA A, vol.132, no.3, pp.693-696, 2017 (Journal Indexed in SCI)
- XII. **Biodiesel from Oleic Acid by Green Catalyst "Catalytic Membrane": a Solution to Global Warming Problems**  
UNLU D., NIGİZ F., HİLMİOĞLU N.  
ACTA PHYSICA POLONICA A, vol.132, no.3, pp.689-692, 2017 (Journal Indexed in SCI)
- XIII. **Applicability of a TSA/ZrO<sub>2</sub> catalytic membrane for the production of ethyl levulinate as raw material of gamma-valerolactone**  
Unlu D., Hilmioğlu N.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, pp.21487-21494, 2017 (Journal Indexed in SCI)
- XIV. **A study on composite catalytic membrane manufacturing based on sodium alginate and lipase to be used in a pervaporation reactor**  
NIGİZ F., Hilmioğlu N.  
RESEARCH ON CHEMICAL INTERMEDIATES, vol.43, pp.1149-1163, 2017 (Journal Indexed in SCI)

- XV. **Reactive separation system for effective upgrade of levulinic acid into ethyl levulinate**  
Unlu D., İLGEN O., Hilmioglu N.  
CHEMICAL ENGINEERING RESEARCH & DESIGN, vol.118, pp.248-258, 2017 (Journal Indexed in SCI)
- XVI. **Removal of Acetone from Wastewater by POSS Loaded PDMS Membrane**  
NIGIZ F., Hilmioglu N.  
PERIODICA POLYTECHNICA-CHEMICAL ENGINEERING, vol.61, pp.163-170, 2017 (Journal Indexed in SCI)
- XVII. **Biodiesel additive ethyl levulinate synthesis by catalytic membrane: SO<sub>4</sub>-2/ZrO<sub>2</sub> loaded hydroxyethyl cellulose**  
Unlu D., İLGEN O., Hilmioglu N.  
CHEMICAL ENGINEERING JOURNAL, vol.302, pp.260-268, 2016 (Journal Indexed in SCI)
- XVIII. **Rhizomucor miehei Lipase-Immobilized Sodium Alginate Membrane Preparation and Usage in a Pervaporation Biocatalytic Membrane Reactor**  
NIGIZ F., HİLMİOĞLU N.  
CHEMICAL AND BIOCHEMICAL ENGINEERING QUARTERLY, vol.30, no.3, pp.381-391, 2016 (Journal Indexed in SCI)
- XIX. **Simultaneous separation performance of a catalytic membrane reactor for ethyl lactate production by using boric acid coated carboxymethyl cellulose membrane**  
NIGIZ F., Hilmioglu N.  
REACTION KINETICS MECHANISMS AND CATALYSIS, vol.118, no.2, pp.557-575, 2016 (Journal Indexed in SCI)
- XX. **Synthesis of Ethyl Levulinate as a Fuel Bioadditive by a Novel Catalytically Active Pervaporation Membrane**  
Unlu D., Hilmioglu N.  
ENERGY & FUELS, vol.30, no.4, pp.2997-3003, 2016 (Journal Indexed in SCI)
- XXI. **Pervaporative desalination of seawater by using composite and blended poly (vinyl alcohol) membranes**  
NIGIZ F., Hilmioglu N.  
DESALINATION AND WATER TREATMENT, vol.57, no.11, pp.4749-4755, 2016 (Journal Indexed in SCI)
- XXII. **Removal of acetic acid from wastewater by esterification in the membrane reactor**  
Unlu D., Hilmioglu N.  
MEMBRANE WATER TREATMENT, vol.7, no.2, pp.143-154, 2016 (Journal Indexed in SCI)
- XXIII. **Anhydrous fuel ethanol production by a combined hydrophobic-hydrophilic pervaporation system**  
NIGIZ F., Hilmioglu N.  
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.38, no.22, pp.3348-3353, 2016 (Journal Indexed in SCI)
- XXIV. **Fuel bioadditive production by chitosan/sulfosuccinic acid catalytic membrane**  
Unlu D., Hilmioglu N.  
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.38, no.24, pp.3606-3611, 2016 (Journal Indexed in SCI)
- XXV. **Pervaporation catalytic membrane reactor study for the production of ethyl acetate using Zr(SO<sub>4</sub>)<sub>2</sub>·4H<sub>2</sub>O coated chitosan membrane**  
Unlu D., Hilmioglu N.  
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.91, no.1, pp.122-130, 2016 (Journal Indexed in SCI)
- XXVI. **Green solvent synthesis from biomass based source by biocatalytic membrane reactor**  
NIGIZ F., Hilmioglu N.  
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.40, no.1, pp.71-80, 2016 (Journal Indexed in SCI)
- XXVII. **DEHYDRATION OF ETHANOL-WATER MIXTURES BY PERVAPORATION USING HYDROXYETHYL CELLULOSE MEMBRANE**  
Unlu D., Hilmioglu N.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.9, pp.3734-3739, 2016 (Journal Indexed in SCI)
- XXVIII. **Novel environmental friendly process for reducing the sulphur level in fuel: pervaporation**

- NIGIZ F., Hilmioglu N.  
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.6, no.4, pp.455-465, 2014 (Journal Indexed in SCI)
- XXIX. **Pervaporation of ethanol/water mixtures by zeolite filled sodium alginate membrane**  
NIGIZ F., Hilmioglu N.  
DESALINATION AND WATER TREATMENT, vol.51, pp.637-643, 2013 (Journal Indexed in SCI)
- XXX. **Pervaporative separation of isopropyl alcohol/water mixtures: effects of the operation conditions**  
Hilmioglu N., Tulbentci S.  
DESALINATION AND WATER TREATMENT, vol.48, pp.191-198, 2012 (Journal Indexed in SCI)
- XXXI. **Pervaporation of ethanol/water mixtures using clinoptilolite and 4A filled sodium alginate membranes**  
NIGIZ F., DOĞAN H., Hilmioglu N.  
DESALINATION, vol.300, pp.24-31, 2012 (Journal Indexed in SCI)
- XXXII. **SEPARATION OF ALCOHOL/ETHER MIXTURES BY PERVAPORATION: EFFECTS OF THE OPERATION CONDITIONS**  
Hilmioglu N., Tulbentci S.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, no.6, pp.1448-1453, 2012 (Journal Indexed in SCI)
- XXXIII. **Chitosan coated zeolite filled regenerated cellulose membrane for dehydration of ethylene glycol/water mixtures by pervaporation**  
DOĞAN H., Hilmioglu N.  
DESALINATION, vol.258, pp.120-127, 2010 (Journal Indexed in SCI)
- XXXIV. **Zeolite-filled regenerated cellulose membranes for pervaporative dehydration of glycerol**  
DOĞAN H., Hilmioglu N.  
VACUUM, vol.84, no.9, pp.1123-1132, 2010 (Journal Indexed in SCI)
- XXXV. **Dissolution of cellulose with NMMO by microwave heating**  
DOĞAN H., Hilmioglu N.  
CARBOHYDRATE POLYMERS, vol.75, no.1, pp.90-94, 2009 (Journal Indexed in SCI)
- XXXVI. **Separation of benzene/cyclohexane mixtures by pervaporation using PEBA membranes**  
YILDIRIM A. E. , Hilmioglu N., Tulbentci S.  
DESALINATION, vol.219, pp.14-25, 2008 (Journal Indexed in SCI)
- XXXVII. **Pervaporation of MTBE/methanol mixtures through PVA membranes**  
Hilmioglu N., TULBENTCI S.  
DESALINATION, vol.160, no.3, pp.263-270, 2004 (Journal Indexed in SCI)
- XXXVIII. **Separation of IPA/water mixtures by pervaporation: sorption and pervaporation results**  
HİLMİOĞLU N., TULBENTCI S.  
VACUUM, vol.72, no.1, pp.35-40, 2003 (Journal Indexed in SCI)
- XXXIX. **Pervaporation Separation of Benzene/Cyclohexane Mixtures by Poly(vinyl chloride) Membranes**  
HİLMİOĞLU N., TULBENTCI S.  
CHEMIE INGENIEUR TECHNIK, vol.24, no.3, pp.275-279, 2001 (Journal Indexed in SCI)
- XL. **Acetic acid dehydration by pervaporation**  
HİLMİOĞLU N., yıldırım A. E. , Sakaoğlu S., Tülbentçi S.  
CHEMICAL ENGINEERING AND PROCESSING, vol.40, pp.263-267, 2001 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- I. **Purification of emulsified oil by Bentonite loaded polyvinylidene fluoride/polyvinylpyrrolidone membrane**  
Nigiz F. U. , Yucak A. I. , Hilmioglu N.  
WATER PRACTICE AND TECHNOLOGY, vol.15, pp.394-403, 2020 (Journal Indexed in ESCI)
- II. **Fabrication and Characterization of a Water Selective Membrane to Enhance the Conversion of Esterification**

NIGIZ F., YENIHAN N., HİLMİOĞLU N.

MATERIALS FOCUS, vol.7, no.4, pp.519-523, 2018 (Journal Indexed in ESCI)

- III. **VOLATILE ORGANIC COMPOUND REMOVAL USING POLYURETHANE BASED SELECTIVE MEMBRANE**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
selçuk teknik dergisi, pp.186-199, 2018 (Other Refereed National Journals)
- IV. **Fuel butanol dehydration by using a membrane based pervaporation method**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
Research on Engineering Structures and Materials, vol.3, pp.176-184, 2017 (Refereed Journals of Other Institutions)
- V. **ETHYL ACETATE SYNTHESIS BY CHITOSAN/ POLY(VINYLPYRROLIDONE) BLEND MEMBRANE IN PERVAPORATION MEMBRANE REACTOR**  
ÜNLÜ D., HACIOĞLU A., HİLMİOĞLU N.  
/ Journal of the Turkish Chemical Society, Section B: Chemical Engineering, vol.1, pp.25-38, 2017 (Refereed Journals of Other Institutions)
- VI. **PRODUCTION OF BIOADDITIVE ETHYL LEVULINATE IN THE CATALYTIC MEMBRANE REACTOR**  
ÜNLÜ D., HİLMİOĞLU N.  
Journal of the Turkish Chemical Society, Section B: Chemical Engineering, vol.1, pp.1-12, 2017 (Refereed Journals of Other Institutions)
- VII. **A reactive poly(styrene sulfonic acid) catalyst preparation and usage for fuel additive ester production**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
Research on Engineering Structures and Materials, vol.3, pp.89-97, 2017 (Refereed Journals of Other Institutions)
- VIII. **Preparation of 3A Zeolite-Loaded Membrane for Hydrogen Recovery from Waste Gas**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
Journal of the Turkish Chemical Society, Section B: Chemical Engineering, vol.1, pp.71-80, 2017 (Other Refereed National Journals)
- IX. **UÇAKLARDA BUZLANMA VE BUZLANMAYI ÖNLEYECEK YÖNTEMLER**  
ÜNLÜ D., HİLMİOĞLU N.  
Sürdürülebilir Havacılık Araştırmaları Dergisi, 2017 (Other Refereed National Journals)
- X. **Potential fuel bioadditive ethyl levulinate production for the aviation fuel**  
Unlu D., Hilmioglu N.  
INTERNATIONAL JOURNAL OF SUSTAINABLE AVIATION, vol.2, no.4, pp.338-347, 2016 (Journal Indexed in ESCI)
- XI. **ÇEVRE DOSTU BİYOKATAİLİK MEMBRAN REAKTÖRDE ETİL LAKTAT SENTEZİ**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
Anadolu University Journal of Science and Technology-A Applied Sciences and Engineering, vol.17, 2016 (Other Refereed National Journals)
- XII. **Kitosan/Sülfosüksinik Asitten Oluşan Katalitik Membran ile Gliserolün Esterleşme Reaksiyonunun İncelenmesi**  
UNLU D., HİLMİOĞLU N.  
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi A-Uygulamalı Bilimler ve Mühendislik, vol.16, no.2, pp.249-254, 2015 (National Refreed University Journal)
- XIII. **Zeolit Katkılı Poli(dimetil siloksan) Membran ile Saflaştırma İşlemi**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
Kauçuk dergisi, pp.32-38, 2014 (National Non-Refereed Journal)
- XIV. **Bioethanol Production by Pervaporation Membrane Bioreactor**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
Journal of Selçuk University Natural and Applied Science, 2013 (Refereed Journals of Other Institutions)
- XV. **Desalination via Innovative Membrane Process**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
Journal of Selçuk University Natural and Applied Science, 2013 (Refereed Journals of Other Institutions)
- XVI. **Purification of Fuel Bioethanol by Pervaporation**

UNLU D., HİLMİOĞLU N.

Journal of Selçuk University Natural and Applied Science, vol.1, pp.760-767, 2013 (National Refreed University Journal)

- XVII. **Deniz Suyunun Etkin bir Şekilde Saflaştırılmasında Enerji ve Çevre Dostu Teknoloji: Pervaporasyon**  
UĞUR NİGİZ F., ÜNLÜ D., HİLMİOĞLU N.  
Su ve çevre teknolojileri, 2012 (National Non-Refereed Journal)
- XVIII. **Bioethanol recovery using the pervaporation separation technique**  
HİLMİOĞLU N.  
Management of Environmental Quality: An International Journal, vol.20, no.2, pp.165-174, 2009 (Refereed Journals of Other Institutions)

## Books & Book Chapters

- I. **Vacuum Stripping Membrane Desalination for MarmaraSeawater**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
in: Exergetic, Energetic andEnvironmental Dimensions, Ibrahim DincerC. Ozgur ColpanOnder Kizilkan, Editor, Elsevier, pp.1017-1027, 2018
- II. **Waste to Energy With a Combine Membrane Technology:Biobutanol Production and Purification**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
in: Exergetic, Energetic andEnvironmental Dimensions, Ibrahim DincerC. Ozgur ColpanOnder Kizilkan, Editor, elsevier, pp.861-871, 2018
- III. **BIOADDITIVE SYNTHESIS FROM GLYCEROL BY ESTERIFICATION USING CATALYTIC CHITOSAN MEMBRANE, chapter 53**  
ÜNLÜ D., HİLMİOĞLU N.  
in: Progress in Clean Energy Volume 1Analysis and Modeling, Dincer, I., Colpan, C.O., Kizilkan, O., Ezan, M.A. , Editor, Springer, pp.725-737, 2015
- IV. **Bioethanol Production From Molasses By Pervaporation Membrane Bioreactor, Chapter 8**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
in: Progress in Clean Energy Volume 2Novel Systems and Applications, Dincer, I., Colpan, C.O., Kizilkan, O., Ezan, M.A, Editor, Springer, pp.93-104, 2015
- V. **Bioethanol Production from Molasses by Pervaporation Membrane Bioreacto**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
in: Progress in clean energy volume 2, Ozgur Can Colpan, Onder Kizilkan, Editor, springer, pp.93-104, 2015
- VI. **Clean Technology for Volatile Organic Compound Removal from Wastewater**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
in: Causes impacts and solutions to global warming, Ibrahim Dincer, Can Ozgur Colpan, Fethi Kadioglu, Editor, Springer, pp.709-719, 2013
- VII. **CLEAN TECHNOLOGY FOR VOC REMOVAL FROM WASTEWATER**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
in: Causes Impacts and Solutions to Global Warming, Ibrahim Dincer, Can Ozgur Colpan, Fethi Kadioglu, Editor, Springer, pp.709-721, 2013
- VIII. **A Pervaporation Application for Treating Methyl tert- Butyl Ether (MTBE) -Contaminated Water/Wastewater**  
HİLMİOĞLU N., YILDIRIM A. E. , TÜLBENTÇİ S.  
in: GREEN ENERGY AND TECHNOLOGY Global Warming Engineering Solutions, Ibrahim Dincer, Arif Hepbasli, Adnan Midilli, T. Hikmet Karakoc, Editor, Springer, pp.555-563, 2010

## Refereed Congress / Symposium Publications in Proceedings

- I. **PERVAPORASYON DESTEKLİ GLİSEROL KARBONAT SENTEZİ**  
Güler H., Yenihan Yüzer N., HİLMİOĞLU N.  
International Marmara Sciences Congress (Imascon 2020 – Autumn), 4 - 05 December 2020, pp.46-47
- II. **YAKIT KATKI MADDELERİ SOLKETAL VE SOLKETAL TERSİYER BUTİLETER ÜRETİMİNİN İNCELENMESİ**  
HİLMİOĞLU N., Yenihan Yüzer N., Güler H.  
International Marmara Sciences Congress (Imascon 2020 – Autumn), 4 - 05 December 2020, pp.48-49
- III. **POLİ (VİNİL ALKOL) HİDROJEL PARÇACIKLARIN ESTERLEŞME REAKSİYONUNA ETKİSİNİN İNCELENMESİ**  
Hilmioğlu N., Yenihan Yüzer N., Güler H.  
International Marmara Sciences Congress (Spring) 2020, Kocaeli, Turkey, 19 - 20 June 2020, pp.488-493
- IV. **GLİSERİN KARBONATIN ÜRETİMİNDE OLUŞAN YAN ÜRÜNÜN TUTULMASI İÇİN MEMBRAN GELİŞTİRİLMESİ**  
Güler H., Yenihan Yüzer N., Hilmioğlu N.  
International Marmara Sciences Congress (Spring) 2020, Kocaeli, Turkey, 19 - 20 June 2020, pp.494-497
- V. **ATIK SULARDAN YAĞ VE SOLVENT GİDERİMİ İÇİN YUMURTA KABUĞU İLE KİTOSANDAN OLUŞAN ADSORBAN MEMBRAN GELİŞTİRİLMESİ**  
Yenihan Yüzer N., HİLMİOĞLU N.  
International Marmara Science Sciences Congress (imascon 2019 autumn ), 1 - 03 November 2019
- VI. **Biodiesel synthesis by reactive sorption using hydrophilic polymer and homogenous catalyst**  
Güler H., HİLMİOĞLU N.  
5th International Turkic World Confeernce on Chemical Scieences and Technologies (itwccst), 25-29 Ekim 2019, Sakarya, 25 - 29 October 2019
- VII. **Fuel additive solketal synthesis using catalytic membrane**  
Güler H., İlgen O., Hilmioğlu N.  
5th International Turkic World Conference on Chemical Scieences and Technologies, Sakarya, Turkey, 25 - 29 October 2019, pp.85-87
- VIII. **Purification of emulsified oil by Polyvinylidene Fluoride/polyvinylpyrrolidone Membrane**  
UĞUR NİGİZ F., Yucak A. İ., HİLMİOĞLU N.  
THE 11TH EASTERN EUROPEAN YOUNG WATER PROFESSIONALS CONFERENCE, 1 - 05 October 2019
- IX. **MOF ZİF-8 KATKILI ADSORBAN MEMBRAN GELİŞTİRİLMESİ VE SULARDAN YAĞ VE ORGANİK SOLVENT AYIRIMI İÇİN KULLANILABİLİRLİĞİNİN DEĞERLENDİRİLMESİ**  
Yenihan Yüzer N., HİLMİOĞLU N.  
18. Ulusal Kil Sempozyumu, Turkey, 25 - 28 September 2019
- X. **Hydrogen Separation Using Zeolite Containing Polystyrene Sulfonic Acid/Cellulose Blend Membrane**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
3rd International Engineering Research Symposium, 5 - 07 September 2019
- XI. **GREEN BIOADDITIVE SYNTHESIS USING GREEN CATALYST : PRODUCTION OF GLYCEROL CARBONATE FROM GLYCEROL AND DİMETHYL CARBONATE BY EGGHELL AND CHITOSAN**  
Yenihan Yüzer N., HİLMİOĞLU N.  
World Energy Strategies congress and Exhibition, 26 - 28 August 2019, pp.9-12
- XII. **Fuel Bioadditive Glycerol Carbonate Synthesis by Composite Catalytic Membranes with PV4P**  
Yenihan Yüzer N., HİLMİOĞLU N.  
2nd International Conference on Sustainable Science and Technology (ICSUSAT), 5 - 07 July 2019, pp.1
- XIII. **SYNTHESIS OF SOLKETAL BY ECONOMIC CATALYST SULFO SUCCINIC ACID**  
Hasırcı G., İLGEN O., HİLMİOĞLU N.  
2nd International Conference on Life and Engineering Sciences, 27 - 29 June 2019, pp.113-117
- XIV. **Synthesis of Biofuel Additive Buthyl Ethanoate by Reactive Sorption**  
Yenihan Yüzer N., HİLMİOĞLU N.  
2nd International Conference on Life and Engineering Sciences, 27 - 29 June 2019, pp.1-2
- XV. **Polidimetil siloksan ve doğal kauçuktan üretilen membranın benzen gideriminde kullanımı**

UĞUR NİGİZ F., HİLMİOĞLU N.

International Eurasian Conference on Biological and Chemical Sciences, 12 - 15 June 2019

- XVI. **YAKIT KATKISI GLİSERİN KARBONATIN SAFLAŞTIRILMASINDA MEMBRAN PROSESİNİN UYGULANABİLİRLİĞİNİN İNCELENMESİ**  
Yenihan Yüzer N., HİLMİOĞLU N.  
", International Marmara Science Sciences Congress (imascon 2019 spring), 26 - 28 April 2019, pp.60
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Çavlu N. H. , HİLMİOĞLU N.  
International Marmara Science Sciences Congress (imascon 2019 spring), 26 - 28 April 2019, pp.1812-1819
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International Marmara Science Sciences Congress (imascon 2019 spring), 26 - 28 April 2019, pp.1800-1806
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Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi, Kocaeli, 2019, 4 - 06 April 2019
- XXI. **Green Synthesis of Gaultheria Procumbens oil with Dimethyl Carbonate**  
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Zeugma II. Uluslararası Multidisipliner Çalışmalar Kongresi, 18 - 20 January 2019, pp.2284-2290
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YENİHAN YÜZER N., UĞUR NİGİZ F., HİLMİOĞLU N.  
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International Symposium on Urban Water and Wastewater Management, 25 - 27 October 2018
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7. Ulusal Kataliz kongresi, Turkey, 9 - 12 September 2018
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ÜNLÜ D., HİLMİOĞLU N.  
7th GLOBAL CONFERENCE ON GLOBAL WARMING-2018 (GCGW-2018), 24 - 28 June 2018
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7th GLOBAL CONFERENCEon GLOBAL WARMING, 24 - 28 June 2018



- XXX. **Multi-Walled Carbon Nanotube Doped PVA Membrane for Desalination**  
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10th Eastern European IWA YWP Conference, 7 - 12 May 2018
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10th Eastern European Young Water Professionals Conference, 7 - 12 May 2018
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3. Uluslararası Mühendislik Mimarlık Tasarım Kongresi, 4 - 05 May 2018
- XXXIII. **Production and Characterization of Functionalized Carbon Nanotube-Loaded Polyvinyl Alcohol Membranes for Desalination**  
BEYZANUR y., UĞUR NİGİZ F., AYTAÇ A., HİLMİOĞLU N.  
International Eurasian Conference on Biological and Chemical Sciences, 26 - 27 April 2018
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- XXXV. **BİYOETANOL VE BİYOBUTANOL TEMELLİ YAKITLARIN ÜRETİM VESAFLAŞTIRMA SÜREÇLERİNİN ANALİZİ**  
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4. Anadolu Enerji Sempozyumu (uluslararası katılımlı), 18 - 20 April 2018
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4th Anatolian Energy Symposium with International Participation, 18 - 20 April 2018
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1st International Symposium on Light Alloys and Composite Materials, 22 - 24 March 2018
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Uluslararası Su ve Çevre Kongresi, 22 - 24 March 2018
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4. ulusal mühendislik kongresi, Turkey, 22 - 25 December 2017
- XLI. **DEVELOPMENT OF EFFICIENT GREEN CATALYST CATALYTIC MEMBRANE FOR THE ESTERIFICATION OF ACETIC ACID WITH GLYCEROL**  
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UĞUR NİGİZ F., YENİHAN N., HİLMİOĞLU N.

4th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2017), 4 - 08 October 2017

- XLV. **Improvement of fuel properties of biodiesel with bioadditive ethyl levulinate**  
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4th International Conference on Computational and Experimental Science and Engineering (ICCESEN 2017), 4 - 08 October 2017
- XLVI. **Separation of Green Chemical Dimethyl Carbonate from a Methanol Solution by Eco-Friendly Process: Pervaporation**  
ÜNLÜ D., Hacıoğlu A., HİLMİOĞLU N.  
ISEEP-2017 VIII. INTERNATIONAL SYMPOSIUM ON ECOLOGY AND ENVIRONMENTAL PROBLEMS, 4 - 07 October 2017
- XLVII. **Hydrogen separation by fabrication of a ZSM-5 incorporated poly(vinyl alcohol) membrane**  
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iseep-2017 viii. international symposium on ecology and environmental problems, 4 - 07 October 2017
- XLVIII. **Fabrication of ZSM-5 incorporated poly(vinyl alcohol) membrane for desalination**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
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IV. International Multidisciplinary Eurasian Congress, 23 - 25 August 2017
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IWA Young Water professionals conference, 24 - 27 May 2017
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IV. International Multidisciplinary Eurasian Congress, 23 - 27 May 2017
- LV. **Innovative process pervaporation catalytic membrane reactor for fuel bioadditive ethyl levulinate**  
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IV. International Multidisciplinary Eurasian Congress, 23 - 25 May 2017
- LVI. **Fabrication of clinoptilolite/Cellulose Composite Membrane For CO2 Separation From Flue Gas**  
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International Conference on Civil and Environmental Engineering, 8 - 10 May 2017
- LVII. **Optimization of Reaction Conditions in the Biodiesel Synthesis and Determination of Cold Flow Properties of Biodiesel**  
ÜNLÜ D., HİLMİOĞLU N.  
2nd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, 8 - 10 May 2017
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**bileşenlerin gideriminde kullanılması**

UĞUR NİGİZ F., HİLMİOĞLU N.

3. Ulusal Kauçuk Kongresi (Uluslararası katılımlı), 25 - 26 November 2016

- LIX. **Development of a Composite Material for Fuel Bioadditive Synthesis Environment Friendly Catalytic Membrane**  
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10 th International Clean Energy Symposium, sözlü tam metin, 24 - 26 October 2016
- LX. **PREPARATION AND ANALYSIS OF MIXED MATRIX GAS SEPARATION MEMBRANE FOR HYDROGEN REMOVAL FROM WASTE GAS**  
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3rd International Conference on Computational and Experimental Science and Engineering, 19 - 24 October 2016
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3rd International Conference on Computational and Experimental Science and Engineering, 19 - 24 October 2016
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12. Ulusal Kimya Mühendisliği Kongresi, Turkey, 23 - 26 August 2016
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12. Ulusal Kimya Mühendisliği Kongresi, Turkey, 23 - 26 August 2016
- LXV. **PRODUCTION OF POTENTIAL RENEWABLE FUEL BIOADDITIVE ETHYL LEVULINATE FOR THE TRANSPORT SECTORS**  
ÜNLÜ D., HİLMİOĞLU N.  
The International Symposium on Sustainable Aviation (ISSA-2016), poster, tam metin, 26 May - 01 June 2016
- LXVI. **INVESTIGATION OF ALTERNATIVE BIOFUELS FOR AVIATION**  
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The International Symposium on Sustainable Aviation (ISSA-2016), poster, tam metin, 29 May - 01 June 2016
- LXVII. **Waste to Energy with a Combine Membrane Technology Biobutanol Production and Purification**  
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8th International Exergy, Energy and Environment Symposium, 8 - 12 May 2016
- LXVIII. **Vacuum Stripping Membrane Desalination for Marmara Sea Water**  
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8th International Exergy, Energy and Environment Symposium (IEEES-8), 8 - 12 May 2016
- LXIX. **Biobased Fuel Additive Sythesis by Using a Reactive Polymer**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
8th ege energy symposium, 11 - 13 May 2016
- LXX. **Efficient Dehydration of Bio Butanol by Pervaporation**  
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8th ege energy symposium, 11 - 13 May 2016
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ÜNLÜ D., HACIOĞLU A., HİLMİOĞLU N.  
8th International Exergy, Energy and Environment Symposium" (IEEES-8), , tam metin, poster, 1 - 04 May 2016
- LXXII. **A novel technique for the production of fuel bioadditive ethyl levulinate Green process by the catalytic membrane**  
ÜNLÜ D., HİLMİOĞLU N.  
International Exergy, Energy and Environment Symposium" (IEEES-8), tam metin, poster, 1 - 04 May 2016

- LXXIII. **Phosphotungstic Acid Loaded Cellulose Membrane Preparation For Catalytic Membrane Reactor**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
The 6th Catalysis Conference, 27 - 30 April 2016
- LXXIV. **A Reactive Polymeric Membrane Synthesis For One Stage Reaction-Separation System**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
International Conference on Energy Systems, 23 - 25 December 2015
- LXXV. **Dehydration of Bioethanol by an energy effective membrane process**  
ÜNLÜ D., HİLMİOĞLU N.  
International Conference on Energy Systems, 23 - 25 December 2015, pp.686-691
- LXXVI. **Ester Production in a Pervaporation aided Catalytic Membrane Reactor**  
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International Porous Powders Materials, 15 - 18 September 2015
- LXXVII. **Zeolite Filled Poly vinyl alcohol Catalytic Membrane Preparation and Application**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
International Porous Powders Materials, 15 - 18 September 2015
- LXXVIII. **Membrane based hybrid process for bioethanol purification and purification**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
Global Conference on Global Warming, 24 - 27 May 2015
- LXXIX. **Membrane Based Hybrid Process for Bioethanol Production and Purification**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
Global Conference on Global Warming 2015, 24 - 27 May 2015, pp.1-7
- LXXX. **Synthesis of fuel bioadditive from biomass based chemicals by an innovative process Catalytic membrane reactor**  
ÜNLÜ D., HİLMİOĞLU N.  
Global Conference on Global Warming 2015, 24 - 27 May 2015, pp.1-12
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ÜNLÜ D., HİLMİOĞLU N.  
7 th Atmospheric Sciences Symposium, 28 - 30 April 2015, vol.1, pp.139-146
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ÜNLÜ D., HİLMİOĞLU N.  
Turkish - German Conference on Energy Technologies, 13 - 15 October 2014, pp.128-129
- LXXXIII. **Yenilenebilir Enerji Kaynağı Olarak Biyokütleden Biyoetanol Üretiminin İncelenmesi**  
ÜNLÜ D., HİLMİOĞLU N.  
INTERNATIONAL ENERGY AND SECURITY CONGRESS, 23 - 24 September 2014, pp.714-724
- LXXXIV. **Kitosan Sülfosüksinik Asitten Oluşan Katalitik Membran ile Gliserolün Esterleşme Reaksiyonunun İncelenmesi**  
ÜNLÜ D., HİLMİOĞLU N.  
11. Ulusal Kimya Mühendisliği Kongresi, Turkey, 2 - 05 September 2014, pp.1-6
- LXXXV. **Enzim tutuklu aljinat membran üretimi ve ester sentezi**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
Onbirinci Ulusal Kimya Mühendisliği Kongresi (2014), Turkey, 5 - 07 September 2014
- LXXXVI. **Green Process Design and Operation for Ester Synthesis**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
2nd International Symposium On Innovative Technologies In Engineering And Science ( 2014), 18 - 20 June 2014
- LXXXVII. **BIOADDITIVE SYNTHESIS FROM GLYCEROL BY ESTERIFICATION USING CATALYTIC CHITOSAN MEMBRANE**  
ÜNLÜ D., HİLMİOĞLU N.  
13th International Conference on Clean Energy, 8 - 12 June 2014, pp.2884-2892
- LXXXVIII. **Composite and blend membranes for Direct Methanol Fuel Cells DMFC Effects on proton**

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13th International Conference on Clean Energy, 8 - 12 June 2014, pp.86

**LXXXIX. Green Solvent Synthesis From Biomass Based Source By Biocatalytic Membrane Reactor**

UĞUR NİGİZ F., HİLMİOĞLU N.

International Conference on Clean Energy 2014 (ICCE-2014), 8 - 12 June 2014

**XC. Bioethanol Production From Molasses By Pervaporation Membrane Bioreactor**

UĞUR NİGİZ F., HİLMİOĞLU N.

International Conference on Clean Energy 2014 (ICCE-2014), 8 - 12 June 2014

**XCII. Recovery of Acetic Acid by Innovative Process Pervaporation Membrane Reactor**

ÜNLÜ D., HİLMİOĞLU N.

2 nd International Conference on Recycling and Reuse, 4 - 06 June 2014, pp.157-158

**XCIII. Seawater Desalination by Pervaporation Using Composite Cellulose Based Membrane**

UĞUR NİGİZ F., HİLMİOĞLU N.

International Recycling and Reuse Conference, 4 - 06 June 2014

**XCIII. Esterification of Glycerin by Catalytic Membrane**

ÜNLÜ D., HİLMİOĞLU N.

5. ULUSAL KATALİZ KONGRESİ, Turkey, 23 - 26 April 2014, pp.288-289

**XCIV. Esterleşme reaksiyonu için Fe<sub>2</sub> SO<sub>4</sub> 3 katkılı kompozit katalitik membran geliştirilmesi**

UĞUR NİGİZ F., HİLMİOĞLU N.

5. Ulusal Kataliz Kongresi (2014), Turkey, 15 - 17 April 2014

**XCV. Acetic acid removal from wastewater by reactive membrane**

ÜNLÜ D., UĞUR NİGİZ F., HİLMİOĞLU N.

International conference on application of nanotechnology in membranes for water treatment, 8 - 10 October 2013

**XCVI. Efficient removal of organic pollutants from wastewater by pervaporation**

UĞUR NİGİZ F., ÜNLÜ D., HİLMİOĞLU N.

International Conference On Application Of Nanotechnology In Membranes For Water Treatment, 8 - 10 October 2013

**XCVII. Zeolite filled polyvinylalcohol membrane preparation and alcohol dehydration by pervaporation**

UĞUR NİGİZ F., HİLMİOĞLU N.

International Porous Powder and Materials Symposium and Exhibition, 3 - 06 September 2013

**XCVIII. Zeolite filled polyvinylalcohol membrane preparation and alcohol dehydration by pervaporation**

UĞUR NİGİZ F., HİLMİOĞLU N.

International Porous Powder and Materials Symposium and Exhibition, 3 - 06 September 2013, pp.297-300

**XCIX. Composite Membrane Synthesis for pervaporation membrane bioreactor**

UĞUR NİGİZ F., HİLMİOĞLU N.

International Porous Powder and Materials Symposium and Exhibition, 3 - 06 September 2013

**C. Application Of Catalytic Membrane**

ÜNLÜ D., HİLMİOĞLU N.

XIth European Congress on Catalysis EuropaCat, Lyon, 1 - 06 September 2013

**CI. Desalination via Innovative Membrane Process**

UĞUR NİGİZ F., HİLMİOĞLU N.

THE INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND TECHNOLOGY, 18 - 21 June 2013

**CII. Purification of Fuel Bioethanol by Pervaporation**

ÜNLÜ D., HİLMİOĞLU N.

The international Conference on Environmental Science and Technology, 18 - 21 June 2013

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UĞUR NİGİZ F., HİLMİOĞLU N.

The international Conference on Environmental Science and Technology, 18 - 21 June 2013

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ÜNLÜ D., HİLMİOĞLU N.

1. Uluslararası Plastik & Kauçuk Teknolojileri Sempozyumu ve Ürün Sergisi, 29 - 31 May 2013, pp.167-172

- CV. **Recovery of Water and Organic Compounds from Industrial Waste Water**  
UĞUR NİGİZ F., ÜNLÜ D., HİLMİOĞLU N.  
International Solid Waste, Water and Wastewater Congress, 22 - 24 May 2013
- CVI. **Industrial wastewater treatment with membrane process**  
ÜNLÜ D., UĞUR NİGİZ F., HİLMİOĞLU N.  
International Solid Waste, Water and Wastewater Congress, 22 - 24 May 2013
- CVII. **Hydrophobic Nonporous Membrane Preparation and Pervaporation Application**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
1. Uluslararası Plastik Kauçuk Teknolojileri Sempozyumu ve Ürün Sergisi, 14 - 16 May 2013
- CVIII. **Atık Sudan Uçucu Organik Bileşen Toluenin Ekonomik Olarak Ayrılması: Pervaporasyon İle Arıtma**  
ÜNLÜ D., UĞUR NİGİZ F., HİLMİOĞLU N.  
Uluslararası Endüstriyel Su Teknolojileri Sempozyumu ve Fuarı, 6 - 09 December 2012
- CIX. **DENİZ SUYUNUN YÜKSEK VERİMLE SAFLAŞTIRILMASI: PERVAPORASYONLA TUZ GİDERİMİ**  
UĞUR NİGİZ F., ÜNLÜ D., HİLMİOĞLU N.  
1. Uluslararası Endüstriyel Su Teknolojileri Sempozyumu ve Fuarı, 6 - 09 December 2012
- CX. **Deniz Suyunun Yüksek Verimle Saflaştırılması Pervaporasyonla Tuz Giderimi**  
UĞUR NİGİZ F., ÜNLÜ D., HİLMİOĞLU N.  
1. Uluslararası Endüstriyel Su Teknolojileri Sempozyumu ve Fuarı, 6 - 09 December 2012, pp.46-47
- CXI. **Zeolit Katkılı Poli dimetil siloksan Membran ile Saflaştırma İşlemi**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
1. Ulusal Kauçuk Kongresi, Turkey, 12 - 14 September 2012, pp.19-25
- CXII. **Zeolit dolgulu pervaporasyon membranlarının geliştirilmesi**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
Onuncu Ulusal Kimya Mühendisliği Kongresi, (UKMK 10), Turkey, 3 - 06 September 2012
- CXIII. **Kitosan membranın etil asetat su karışımları için pervaporasyon performansının incelenmesi**  
ÜNLÜ D., HİLMİOĞLU N.  
Onuncu Ulusal Kimya Mühendisliği Kongresi, (UKMK 10), Turkey, 3 - 06 September 2012
- CXIV. **NOVEL ENVIRONMENTALLY FRIENDLY PROCESS FOR REDUCING THE SULFUR LEVEL IN FUEL PERVAPORATION**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
Global Conference on Global Warming (GCGW-2012), 8 - 12 July 2012, pp.582-587
- CXV. **CLEAN TECHNOLOGY FOR VOC REMOVAL FROM WASTEWATER**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
Global Conference on Global Warming 2012, 8 - 12 July 2012
- CXVI. **BENZİNDEKİ KÜKÜRT İÇERİĞİNİN DÜŞÜRÜLMESİNDE ETKİN BİR PROSES PERVAPORASYON**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
12 th International combustion Symposium, 24 - 26 May 2012
- CXVII. **ETKİN VE TEMİZ YANMA SAĞLAYAN BİYOETANOLÜN PERVAPORASYON İLE EKONOMİK OLARAK SAFLAŞTIRILMASI**  
ÜNLÜ D., NİHAT Y., UĞUR NİGİZ F., HİLMİOĞLU N.  
12 th International combustion Symposium, 24 - 26 May 2012
- CXVIII. **Pervaporation of ethanol water mixtures by zeolite filled sodium alginate membrane**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
Conference and Exhibition Desalination for the Environment Clean Water and Energy, 23 - 26 April 2012, pp.82
- CXIX. **Investigation of the Esterification Reaction in the Presence of Catalytic Membrane as a Catalyst Using Pervaporation Membrane Reactor**  
UĞUR NİGİZ F., ÜNLÜ D., HİLMİOĞLU N.  
4 th National Catalysis Conference, Turkey, 21 - 24 March 2012

- CXX. **Application of Pervaporation Catalytic Membrane Reactor for the Esterification Reaction**  
ÜNLÜ D., UĞUR NİGİZ F., HİLMİOĞLU N.  
4 th National Catalysis Conference, Turkey, 21 - 24 March 2012
- CXXI. **Sodyum alginat membranların hazırlanması ve pervaporasyon uygulaması**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
II. Ulusal Membran Teknolojileri ve Uygulamaları Sempozyumu, Turkey, 2 - 03 November 2011
- CXXII. **Tarım Atıklarından Üretilen Biyoetanölün Saflaştırılmasında Enerji Ekonomisi: Pervaporasyon**  
UĞUR NİGİZ F., ÜNLÜ D., HİLMİOĞLU N.  
VI. Yeni Ve Yenilenebilir Enerji Kaynakları Sempozyumu, Turkey, 21 - 22 October 2011
- CXXIII. **"Efficient bioethanol dehydration process: Pervaporation"**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
10 th International Conference on Sustainable Energy Technologies, 4 - 07 September 2011
- CXXIV. **Pervaporasyon Membran Reaktörler ile Kimyasal Proseslerde Enerji Verimliliği**  
UĞUR NİGİZ F., EVRA B., İNSAF DAMLA T., HİLMİOĞLU N.  
Enerji Verimliliği ve Kalitesi Sempozyumu, Turkey, 12 - 13 May 2011
- CXXV. **SULARDAN HUMİK ASİT GİDERİMİ İÇİN ADSORPSİYON YÖNTEMİNİNİNCELENMESİ**  
HİLMİOĞLU N., YUMAT E.  
International Marmara Sciences Congress (Imascon 2020 – Autumn), 4 - 05 December 2020, pp.99-100
- CXXVI. **Yakıt Etanolün Selüloz Asetat Membran Kullanılarak Pervaporasyon ile Susuzlaştırılması**  
UĞUR NİGİZ F., DURMUŞ M., YAMAN P., GÜLER T., HİLMİOĞLU N.  
3. Ulusal Polimer Bilim ve Teknolojisi Kongre ve Sergisi, Turkey, 12 - 14 May 2010
- CXXVII. **Kitosan membranda sorpsiyon**  
BERK H., HAMAMCIOĞLU P., UĞUR NİGİZ F., HİLMİOĞLU N.  
3. Ulusal polimer bilim ve teknoloji kongresi, Turkey, 12 - 14 May 2010, pp.466-471
- CXXVIII. **Kitosan Membranda Sorpsiyon", Hande Berk, Pelin Hamamcioğlu**  
BERK H., HAMAMCIOĞLU P., UĞUR NİGİZ F., HİLMİOĞLU N.  
3. Ulusal Polimer Bilim ve Teknolojisi Kongre ve Sergisi, Turkey, 12 - 14 May 2010
- CXXIX. **A Pervaporation Application for Treating Methyl tert-Butyl Ether (MTBE)-Contaminated Water/Wastewater**  
HİLMİOĞLU N., YILDIRIM A. E., TULBENTCI S.  
Global Conference on Global Warming, İstanbul, Turkey, 6 - 10 July 2008, pp.555-556
- CXXX. **Application of the environmentally friendly membrane process for purification of MTBE as a fuel additive**  
HİLMİOĞLU N., TULBENTÇİ S.  
Global Conference on Global Warming 2009, 5 - 09 July 2009, pp.1115-1123
- CXXXI. **Biyoyakıt saflaştırılmasında çevre dostu membran prosesinin uygulanabilirliğinin araştırılması**  
UĞUR NİGİZ F., HİLMİOĞLU N.  
Çevre Kirlenmesi Öncelikleri Sempozyumu, Turkey, 28 - 29 May 2009
- CXXXII. **Improvement Of Biofuel Ethanol Recovery Using The Pervaporation Separation Technique**  
HİLMİOĞLU N.  
Global Conference on Global Warming 2008, 6 - 10 July 2008, pp.97-102
- CXXXIII. **Application Of Pervaporation For Treating Mtb Contaminated Water Wastewater**  
HİLMİOĞLU N., YILDIRIM A. E.  
Global Conference on Global Warming 2008, 6 - 10 July 2008, pp.103-109
- CXXXIV. **Alternatif Enerji Kaynağı Biyoetanölün Azeotropisinin Pervaporasyonla Kırılması**  
HİLMİOĞLU N.  
Çevre Sorunları Sempozyumu Kocaeli 2008, Turkey, 14 - 17 May 2008, pp.22-31
- CXXXV. **PAH Ve Pestisit Bileşiklerinin Atmosferik Çökmesi Ve Faktör Analizinin Uygulanmasıyla Kirletici Kaynaklarının Belirlenmesi**  
BİNİCİ B., YENİSOY KARAKAŞ S., HİLMİOĞLU N.  
Çevre Sorunları Sempozyumu Kocaeli 2008, Turkey, 14 - 17 May 2008

- CXXXVI. **Yağmur Suyunda PAH Ve Pestisit Tayini Ve Alıcı Ortam Modellemesi**  
BİNİCİ B., YENİSOY KARAKAŞ S., HİLMİOĞLU N.  
Tarım İlaçları Kongre ve Sergisi, Turkey, 25 - 26 October 2007, pp.369-377
- CXXXVII. **Yağmur Suyunda PAH ve Pestisit Tayini ve Kaynak Tespiti**  
BİNİCİ B., YENİSOY KARAKAŞ S., HİLMİOĞLU N.  
21.Ulusal Kimya Kongresi, Turkey, 23 - 27 August 2007
- CXXXVIII. **Azeotropik Separation of Isopropyl Alcohol Water Mixture by Pervaporation**  
HİLMİOĞLU N.  
Sommer Symposium Series 1, 14 - 15 May 2007, pp.107
- CXXXIX. **Yeni Enerji Kaynağı Biyobenzin Üretiminde Enerji Ekonomisi**  
HİLMİOĞLU N.  
Enerji Bitkileri ve Yeşil Yakıtlar Sempozyumu, Turkey, 14 - 15 December 2006, pp.203-210
- CXL. **Hekzan Etanol Karışımlarının Membran ile Ayrılabilirliğinin İncelenmesi**  
YILDIRIM A. E. , HİLMİOĞLU N., TÜLBENTÇİ S.  
20. Ulusal Kimya Kongresi, Turkey, 4 - 08 September 2006
- CXLI. **Pervaporative Separation of Methyl Tert Butyl Ether From Wastewater**  
HİLMİOĞLU N., YILDIRIM A. E. , TÜLBENTÇİ S.  
Application of Nanotechnologies for Separation and Recovery of volatile Organic compounds from Waste Air Streams, 30 May - 01 June 2005
- CXLII. **Development of Regenerated Cellulose Membranes for Pervaporative Separation of DMC Methanol Water Mixtures**  
DOĞAN H., HİLMİOĞLU N.  
Application of Nanotechnologies for Separation and Recovery of volatile Organic compounds from Waste Air Streams, 30 May - 01 June 2005
- CXLIII. **Yenilenebilir Enerji Yakıt Etanolün Üretiminde Enerji Tasarrufu**  
HİLMİOĞLU N.  
1. Enerji Verimliliği ve Kalitesi Sempozyumu, Turkey, 17 - 18 May 2005, pp.331-335
- CXLIV. **Etilasetat su karışımının pervaporasyon ile ayrılabilirliği için sorpsiyonunun incelenmesi**  
HİLMİOĞLU N., YILDIRIM A. E. , TÜLBENTÇİ S.  
Altıncı Ulusal Kimya Mühendisliği Kongresi, Turkey, 7 - 10 September 2004
- CXLV. **Enerji ve Çevre Dostu Sistemler Membran Prosesleri**  
HİLMİOĞLU N.  
5. Ulusal Temiz Enerji Sempozyumu, Turkey, 26 - 28 May 2004, pp.919-928
- CXLVI. **Yakıt Etanolün Membran Prosesi İle Saflaştırılması**  
HİLMİOĞLU N.  
II. Yenilenebilir Enerji Kaynakları Sempozyumu, Turkey, 15 - 18 October 2003, pp.432-439
- CXLVII. **Aseton Su Azeotropisinin Pervaporasyon ile Ayrılabilirliğinin İncelenmesi**  
HİLMİOĞLU N., YILDIRIM A. E. , TÜLBENTÇİ S.  
17. Ulusal Kimya Kongresi, Turkey, 8 - 11 September 2003, pp.534
- CXLVIII. **Metal Kaplama Tesisi Arıtma Çamurlarının Solidifikasyonu**  
YERLİKAYA C., ÖZTÜRK A., HİLMİOĞLU N., OKUTAN H. C.  
17. Ulusal Kimya Kongresi, Turkey, 8 - 11 September 2003, pp.395
- CXLIX. **Benzen Siklohekzan Karışımlarının Pervaporasyon ile Ayrılmasında Çeşitli PVC Membranlarının Performansları**  
YILDIRIM A. E. , HİLMİOĞLU N., TÜLBENTÇİ S.  
Beşinci Ulusal Kimya Mühendisliği Kongresi, Turkey, 2 - 05 September 2002
- CL. **MTBE Metanol Karışımlarının Azeotropisinin Pervaporasyonla Kırılması**  
HİLMİOĞLU N., YILDIRIM A. E. , TÜLBENTÇİ S.  
Beşinci Ulusal Kimya Mühendisliği Kongresi, Turkey, 2 - 05 September 2002
- CLI. **Pervaporation Removal of Methyl tert Butyl Ether from Waste Water**  
YILDIRIM A. E. , TÜLBENTÇİ S., HİLMİOĞLU N.



- International Conference on Environmental Problems of the Mediterranean Region, 12 - 15 April 2002, pp.151
- CLII. **International Conference on Environmental Problems of the Mediterranean Region**  
HİLMİOĞLU N., TÜLBENTÇİ S., YILDIRIM A. E.  
Removal of Organic Components From Wastewater by Pervaporation, 12 - 15 April 2002, pp.150
- CLIII. **Pervaporasyon İle Su Arıtma Örnekleri**  
HİLMİOĞLU N., YILDIRIM A. E. , TÜLBENTÇİ S.  
International Arıtım 2000 Syposium and Exhibition, 17 - 20 May 2001, pp.693-700
- CLIV. **Computer Aided Design and Cost Estimation Model of Soda Ash Processes from Trona**  
HİLMİOĞLU N., OKUTAN H. C.  
Proceedings of the 7th International Mineral Processing Symposium, 15 - 17 September 1998, pp.601-606
- CLV. **Pervaporasyon ile Etanol Su Karışımlarının Ayrılması**  
HİLMİOĞLU N., YILDIRIM A. E. , TÜLBENTÇİ S.  
12. Ulusal Kimya Kongresi, Turkey, 7 - 11 September 1998
- CLVI. **Polivinil Alkol Membran Kullanılarak Pervaporasyon ile Asetik Asit Dehidrasyonu**  
SAKAOĞLU A. S. , HİLMİOĞLU N., SEMA T.  
Üçüncü Ulusal Kimya Mühendisliği Kongresi, Turkey, 1 - 04 September 1998, pp.160-165
- CLVII. **Propanol Su Karışımlarının Pervaporasyon Tekniği ile Ayrılması**  
HİLMİOĞLU N., YILDIRIM A. E. , SEMA T.  
11. Ulusal Kimya Kongresi, Turkey, 16 - 20 June 1997, pp.699
- CLVIII. **Kuşburnu Çekirdek Yağının İncelenmesi**  
HİLMİOĞLU N., ARINCI Y. V. , TURAN B., YILDIRIM A. E. , TÜLBENTÇİ S.  
İkinci Ulusal Kimya Mühendisliği Kongresi, Turkey, 9 - 13 September 1996, pp.1615-1619
- CLIX. **Kuşburnundan C Vitamini Üretimi**  
HİLMİOĞLU N., ARINCI Y. V. , TURAN B., YILDIRIM A. E. , TÜLBENTÇİ S.  
İkinci Ulusal Kimya Mühendisliği Kongresi, Turkey, 9 - 13 September 1996, pp.1609-1614
- CLX. **Kuşburnundan Gıda Boyar Maddesi Üretimi**  
HİLMİOĞLU N., ŞİŞMANOĞLU M., YILDIRIM A. E. , TÜLBENTÇİ S.  
Kuşburnu Sempozyumu, Turkey, 5 - 06 September 1996, pp.339-346
- CLXI. **Trona Mineralinden Soda Üretim Prosesleri Bilgisayar Destekli Tasarım ve Maliyet Analizi**  
HİLMİOĞLU N., SAYGILI G., ERDÖL AYDIN N., OKUTAN H. C.  
Birinci Ulusal Kimya Mühendisliği Kongresi, Turkey, 13 - 16 September 1994, pp.332-341
- CLXII. **Pervaporasyon ile Sıvı Karışımlarının Ayrılması**  
HİLMİOĞLU N., YILDIRIM A. E. , TÜLBENTÇİ S.  
Kimya ve Kimya Mühendisliği Sempozyumu (1993), Turkey, 20 - 24 September 1993, pp.416
- CLXIII. **Technical and Economic Evaluation of Various Soda Ash Processes for Beypazarı Trona Mineral**  
HİLMİOĞLU N., SUNER M. F. , ÖZTÜRK A., OKUTAN H. C.  
III. International Mineral Processing Symposium, 11 - 13 September 1990, pp.505-520

## Supported Projects

HİLMİOĞLU N., Project Supported by Higher Education Institutions, KATALİTİK MEMBRAN İLE MEMBRAN REAKTÖRDE SOLKETAL SENTEZİ, 2019 - 2020

HİLMİOĞLU N., Project Supported by Higher Education Institutions, BİOADSORBAN MEMBRAN GELİŞTİRİLMESİ VE SULARDAN AMONYUM GİDERİMİNDE KULLANIMI, 2018 - 2019

HİLMİOĞLU N., Project Supported by Higher Education Institutions, HİBRİD MEMBRAN İLE PERVAPORATİF DESALİNASYON UYGULAMASI, 2018 - 2019

HİLMİOĞLU N., ÜNLÜ D., Project Supported by Higher Education Institutions, REAKTİF MEMBRAN AYIRMA SİSTEMİ İLE ATIK GLİSEROLDEN DEĞERLİ KİMYASAL ÜRETİMİ, 2017 - 2019

HİLMİOĞLU N., Project Supported by Higher Education Institutions, DİMETİLKARBONAT/METANOL AZEOTROPİK KARIŞIMININ PERVAPORASYONLA AYRILMASI, 2018 - 2018

HİLMİOĞLU N., Project Supported by Higher Education Institutions, MEMBRAN REAKTÖRDE İZOPROPİL ASETAT ÜRETİMİNİN İNCELENMESİ, 2017 - 2018

UĞUR NİGİZ F., HİLMİOĞLU N., VELİ S., Project Supported by Higher Education Institutions, POLİMERİK, KOMPOZİT, İNORGANİK VE KARMA MATRİSLİ MEMBRANLARIN SENTEZLENMESİ VE PERVAPORASYON YÖNTEMİ İLE DENİZ SUYUNDAKİ KİRLİLİKLERİN GİDERİLMESİ, 2017 - 2018

HİLMİOĞLU N., Project Supported by Higher Education Institutions, DENİZ SUYUNDAN SAF SU ELDE ETMEK İÇİN MEMBRAN GELİŞTİRİLMESİ, 2016 - 2017

HİLMİOĞLU N., Project Supported by Higher Education Institutions, Biyodizelle Uyumlu Biyokatki Malzemesinin Membran Reaktörde Üretimi, 2014 - 2016

HİLMİOĞLU N., Project Supported by Higher Education Institutions, Pervaporasyon biyokatalitik ve pervaporasyon katalitik membran reaktörler ile etil laktat üretimi, 2013 - 2015

HİLMİOĞLU N., Project Supported by Higher Education Institutions, Pervaporasyon membran reaktör ve pervaporasyon katalitik membran reaktör ile esterleşme reaksiyonunun incelenmesi, 2012 - 2014

## Citations

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