

## Assoc. Prof. Yavuz SALT

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: A-8611-2018

ScopusID: 8584422300

Yoksis Researcher ID: 174839

### Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Kimya Mühendisliği, Turkey  
1995 - 2002

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Kimya Mühendisliği, Turkey  
1992 - 1995

Undergraduate, Ankara University, Fen Fakültesi, Kimya Mühendisliği, Turkey 1986 - 1992

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, İki Bileşenli Sıvı Karışımların Pervaporasyonla Ayrılması, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Kimya Mühendisliği, 2002

Postgraduate, Proses Tasarımındaki Modelleme Çalışmalarına Uygulanabilecek Geometrik Programlama için Yeni Bir Yaklaşım, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, 1995

### Research Areas

Chemical Engineering and Technology, Chemical Technologies, Membrane Technology, Process and Reactor Design, Process Design, Basic Operations and Thermodynamics, Separation Operations, Engineering and Technology

### Academic Titles / Tasks

Associate Professor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2015 - Continues

Assistant Professor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of

Chemical Engineering, 2004 - 2015

Research Assistant PhD, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2002 - 2004

Research Assistant, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 1995 - 2002

## Academic and Administrative Experience

Deputy Head of Department, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2016 - 2021

## Courses

Process Design in Chemical Engineering 2, Undergraduate, 2019 - 2020, 2018 - 2019

Graduation Thesis, Undergraduate, 2020 - 2021, 2019 - 2020

Chemical Engineering Laboratory 1, Undergraduate, 2019 - 2020

Bitirme Çalışması, Undergraduate, 2019 - 2020

Transport Phenomena 1, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Kimya Mühendisliğinde Proses Tasarımı-2, Undergraduate, 2019 - 2020

Yüksek Lisans Tezi, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Process Design in Chemical Engineering 2, Undergraduate, 2019 - 2020

Chemical Engineering Thermodynamics II, Undergraduate, 2020 - 2021, 2019 - 2020

Chemical Engineering Thermodynamics-I, Undergraduate, 2019 - 2020, 2018 - 2019

Chemical Engineering Laboratory-I, Undergraduate, 2018 - 2019

Process Design in Chemical Engineering 1, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Graduation Thesis, Undergraduate, 2018 - 2019

Process Design in Chemical Engineering 1, Undergraduate, 2019 - 2020

Graduation Thesis, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Polimer İşleme Teknik ve Model, Postgraduate, 2019 - 2020, 2017 - 2018, 2015 - 2016

Membrane and Membrane Processes, Undergraduate, 2018 - 2019

Kimya Müh. Termodinamiği, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Chemical Engineering Lab 1, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Heat Transfer in Chemical Engineering, Undergraduate, 2018 - 2019

Process Design in Chemical Engineering 1, Undergraduate, 2018 - 2019

Process Design in Chemical Engineering 2, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Fundamentals of Thermodynamics and Hydrodynamics, Undergraduate, 2017 - 2018, 2016 - 2017

Transport Phenomena 2, Doctorate, 2017 - 2018

Fundamentals of Thermodynamics and Hydrodynamics, Undergraduate, 2017 - 2018, 2016 - 2017

Membran ve Membran Prosesleri, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013

Membrane Technologies, Postgraduate, 2016 - 2017, 2014 - 2015

Gıda Müh. Termodinamiği, Undergraduate, 2016 - 2017

Chemical Engineering Thermodynamics, Undergraduate, 2015 - 2016, 2014 - 2015

Bitirme Tezi, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Heat Transfer in Chemical Engineering, Undergraduate, 2014 - 2015, 2013 - 2014

Heat Transfer in Chemical Engineering, Undergraduate, 2015 - 2016, 2014 - 2015

Thermodynamics, Undergraduate, 2013 - 2014, 2012 - 2013

Thermodynamics, Undergraduate, 2013 - 2014, 2012 - 2013

Heat Transfer, Undergraduate, 2012 - 2013  
Kim Müh. Lab. 1, Undergraduate, 2012 - 2013  
Transport Phenomena, Postgraduate, 2012 - 2013

## Advising Theses

Salt Y., Bütanol geri kazanımı için nanokompozit poli (dimetilsiloksan) membran hazırlanması ve pervaporasyon performansının belirlenmesi, Postgraduate, B.DEMET(Student), 2022  
Salt Y., Yargı Ö., Karbondioksit Ayrılmasına Yönelik Karışık Matris Membran Geliştirilmesi, Postgraduate, E.Keskin(Student), 2021  
Salt Y., Sulu organik karışımların ayrılmasına yönelik pervaporasyon modelleme çalışmaları ve buhar sıvı denge hesaplamaları, Doctorate, E.CAN(Student), 2021  
SALT Y., İkili Sıvı Karışımların Pervaporasyonla Ayrılmasına Yönelik Zeolit Dolgulu Sodyum Aljinat Kompozit Membranların Geliştirilmesi, Postgraduate, T.Saka(Student), 2017  
SALT Y., Nano Boyutlu Malzeme Dolgulu Hidrofilik Membran Geliştirilmesi ve Karakterizasyonu, Postgraduate, B.Tırnakçı(Student), 2017  
SALT Y., Endüstriyel Tesislerin Yangına Karşı Risk Değerlendirmesi, Postgraduate, M.Enver(Student), 2016  
SALT Y., Farklı Tip Zeolitler Kullanılarak Dolgulu Polimerik Membranlar Hazırlanması ve Sorpsiyon Davranışlarının İncelenmesi, Postgraduate, Ş.Şenol(Student), 2011  
SALT Y., Farklı Tip Zeolitlerle Dolgulu Membranlar Hazırlanması ve Pervaporasyon Çalışmaları, Postgraduate, B.Ekinci(Student), 2011  
SALT Y., Dehidrasyona Yönelik Zeolit Dolgulu Membranların Saf Çözücülerdeki Sorpsiyon Davranışının ve Pervaporasyon Performansının İncelenmesi, Postgraduate, E.Arçevik(Student), 2010  
SALT Y., Raney-Kobalt Tipi Katalizörlerin Hazırlanmasında Katı-Sıvı Reaksiyon Kinetiğinin İncelenmesi, Postgraduate, K.Abacıoğlu(Student), 2007

## Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, December, 2020  
Doctoral Examination, Doctoral Examination, Yıldız Teknik Üniversitesi, November, 2019  
Post Graduate, Post Graduate, İstanbul Üniversitesi-Cerrahpaşa, July, 2019  
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, July, 2019  
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, July, 2019  
Doctoral Examination, Doctoral Examination, Yıldız Teknik Üniversitesi, November, 2018  
Committee Of Expert, Committee Of Expert, Yıldız Technical University, May, 2018  
Post Graduate, Jüri Üyeliği, Yıldız Teknik Üniversitesi, June, 2017  
Post Graduate, Jüri Üyeliği, Gedik Üniversitesi, January, 2017  
Post Graduate, Jüri Üyeliği, Yıldız Teknik Üniversitesi, June, 2016  
Post Graduate, Jüri Üyeliği, Kocaeli Üniversitesi, December, 2012  
Post Graduate, Jüri Üyeliği, Kocaeli Üniversitesi, December, 2011

## Designed Lessons

Salt Y., Deniz S., Membrane Technologies, Postgraduate, 2010 - 2011  
Salt Y., Membrane and Membrane Processes, Undergraduate, 2004 - 2005

## Taught Courses And Trainings

Çalık Garcia G., San S. E., Büyükata M., Salt Y., TÜBİTAK Bilimsel Araştırma Projelerini Hazırlama Eğitimi, 2014 - 2014

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

- I. **CARBON DIOXIDE UTILIZATION: PROCESS SIMULATION OF SYNTHETIC FUEL PRODUCTION FROM FLUE GASES KORIŠĆENJE UGLJEN-DIOKSIDA: SIMULACIJA PROCESA PROIZVODNJE SINTETIČKOG GORIVA IZ DIMNIH GASOVA**  
Oztemel B., Salt İ., Salt Y.  
Chemical Industry and Chemical Engineering Quarterly, vol.28, no.4, pp.305-317, 2022 (SCI-Expanded)
- II. **Pervaporation separation of ethylacetate-ethanol mixtures using zeolite 13X-filled poly(dimethylsiloxane) membrane**  
Şenol S., Kaya B., Salt İ., Tirnakci B., Salt Y.  
CHEMICAL ENGINEERING COMMUNICATIONS, vol.209, no.8, pp.1048-1057, 2022 (SCI-Expanded)
- III. **Preparation and characterization of polydimethylsiloxane-based composite films**  
Kilic E. C., Salt Y.  
MATERIALS TESTING, vol.63, no.11, pp.984-987, 2021 (SCI-Expanded)
- IV. **PREPARATION AND CHARACTERIZATION OF PVA-SIO<sub>2</sub> NANOCOMPOSITE MEMBRANES FOR SEAWATER DESALINATION BY PERVAPORATION**  
Tirnakci B., SALT Y.  
CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY, vol.27, no.2, pp.189-197, 2021 (SCI-Expanded)
- V. **Prestretching effect and recovery process of polyvinyl alcohol film crosslinked with tartaric acid**  
Bozdoğan A., Aksakal B., Denktas C., Salt Y.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.137, no.46, 2020 (SCI-Expanded)
- VI. **Polyvinyl Alcohol/EuBa<sub>2</sub>Ca<sub>2</sub>Cu<sub>3</sub>O<sub>9-x</sub> Composites: Dielectric and Mechanical Properties**  
Süngü Mısırlıoğlu B., Ozdemir Z., Aksakal B., Salt Y., Tirnakçı B., Denктаş C.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.28, pp.1968-1979, 2018 (SCI-Expanded)
- VII. **SORPTION AND PERVAPORATION RESULTS OF CLINOPTILOLITE FILLED POLY(VINYLA LCOHOL) MEMBRANE PREPARED FOR DEHYDRATION OF AQUEOUS ORGANIC MIXTURES**  
Salt Y., Arcevik E., Eknici B.  
CANADIAN JOURNAL OF CHEMICAL ENGINEERING, vol.92, no.3, pp.503-510, 2014 (SCI-Expanded)
- VIII. **Esterification of Acetic Acid and Isobutanol in a Pervaporation Membrane Reactor Using Different Membranes**  
Korkmaz S., SALT Y., Dincer S.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.50, no.20, pp.11657-11666, 2011 (SCI-Expanded)
- IX. **Leaching process in the preparation of Raney cobalt catalyst**  
Abacioglu K., Salt Y.  
REACTION KINETICS MECHANISMS AND CATALYSIS, vol.101, no.1, pp.163-172, 2010 (SCI-Expanded)
- X. **The esterification of acetic acid with ethanol in a pervaporation membrane reactor**  
Hasanoglu A. M., SALT Y., KELESER S., Dincer S.  
DESALINATION, vol.245, pp.662-669, 2009 (SCI-Expanded)
- XI. **Pervaporation membrane reactor study for the esterification of acetic acid and isobutanol using polydimethylsiloxane membrane**  
Korkmaz S., SALT Y., Hasanoglu A. M., Ozkan S., SALT İ., Dincer S.  
APPLIED CATALYSIS A-GENERAL, vol.366, no.1, pp.102-107, 2009 (SCI-Expanded)
- XII. **Desorption of ethyl acetate-water mixture by using cross-linked poly(vinylalcohol) membrane and comparison of results with pervaporation**  
Korkmaz S., SALT Y., Hasanoglu A. M., Ozkan S., Dincer S.

- CHEMICAL ENGINEERING COMMUNICATIONS, vol.195, no.6, pp.585-599, 2008 (SCI-Expanded)
- XIII. **Pervaporation separation of organics from multicomponent aqueous mixtures**  
Hasanoglu A. M., Salt Y., KELESER S., Ozkan S., Dincer S.  
CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION, vol.46, no.4, pp.300-306, 2007 (SCI-Expanded)
- XIV. **Desorption of ethylacetate-water mixture by using crosslinked polydimethylsiloxane membrane**  
KELESER S., Salt Y., Hasanoglu A. M., Ozkan S., Dincer S.  
DESALINATION, vol.200, pp.44-45, 2006 (SCI-Expanded)
- XV. **Pervaporation separation of ethylacetate-water mixtures through a crosslinked poly(vinylalcohol) membrane**  
Salt Y., Hasanoglu A. M., Salt I., Keleser S., Ozkan S., Dincer S.  
VACUUM, vol.79, pp.215-220, 2005 (SCI-Expanded)
- XVI. **Pervaporation separation of ethyl acetate-ethanol binary mixtures using polydimethylsiloxane membranes**  
Hasanoglu A. M., Salt Y., Keleser S., Ozkan S., Dincer S.  
CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION, vol.44, no.3, pp.375-381, 2005 (SCI-Expanded)
- XVII. **Sorption behavior and preliminary pervaporation results of cross-linked polyvinylalcohol and polydimethylsiloxane membranes prepared for the separation of water-ethylacetate mixtures**  
Salt Y., Hasanoğlu A. M., Dinçer S.  
CHEMICAL ENGINEERING COMMUNICATIONS, vol.190, pp.564-572, 2003 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Sorption Behaviour of Inorganic Material Filled-PDMS Films in Ethanol, Butanol, Acetone and Water**  
Kılıç E. C., Salt Y.  
European Journal of Science and Technology, no.32, pp.897-900, 2021 (Peer-Reviewed Journal)
- II. **UNIFAC yöntemi kullanılarak etilasetat-etanol sistemi için izotermal buhar-sıvı dengesi kestirimi**  
SALT Y.  
European Journal of Science and Technology, no.22, pp.293-299, 2021 (Peer-Reviewed Journal)
- III. **Klinoptilolit Dolgulu PVA Membranların Hazırlanması, Karakterizasyonu ve Pervaporasyon ile Desalinasyon Çalışmaları**  
Tırnakçı B., Salt Y., Salt İ., Keyf S.  
Avrupa Bilim ve Teknoloji Dergisi, no.18, pp.711-718, 2020 (Peer-Reviewed Journal)
- IV. **Preparation and Characterization of PDMS/SiO<sub>2</sub> Mixed Matrix Membranes for Separation of Bio-alcohols from Fermentation Broth**  
Demet B., Salt Y., Denkdaş C., Özkaya B.  
European Journal of Chemistry, Environment and Engineering Sciences, vol.3, no.1, pp.1-8, 2019 (Peer-Reviewed Journal)
- V. **Sanayide Membran Kullanımı**  
Salt Y., Dinçer S.  
Kimya Teknolojileri Dergisi, vol.75, pp.62-68, 2007 (Non Peer-Reviewed Journal)
- VI. **An Option for Special Separation Operations: Membrane Processes**  
Salt Y., Dinçer S.  
Sigma Mühendislik ve Fen Bilimleri Dergisi, no.4, pp.1-23, 2006 (Peer-Reviewed Journal)
- VII. **Pervaporasyon Teknolojisi ve Prosesleri**  
Salt Y., Dinçer S., Özkan S., Hasanoğlu A. M.  
Kimya Teknolojileri Dergisi, pp.56-58, 2001 (Non Peer-Reviewed Journal)
- VIII. **CC<sub>2</sub>-M EA Sisteminde Absorbsiyon Kolonu Yüksekliği Hesaplanması için Gelişmiş Model Denkleminin Kullanılması**

## Books & Book Chapters

- I. **Pervaporation and Pervaporation-assisted Esterification Processes using Nanocomposite Membranes**  
Salt Y., Tırnakçı B., Salt İ.  
in: Polymer Nanocomposite Membranes for Pervaporation, Sabu Thomas, Soney C. George, Thomasukutty Jose, Editor, Elsevier Science, Oxford/Amsterdam, Oxford, pp.301-327, 2020
- II. **Isı Aktarımı**  
SALT Y.  
in: Kimya Mühendisliğine Giriş, Selahattin Gültekin, Editor, Papatya Yayıncılık Eğitim, Cağaloğlu - İstanbul, pp.175-212, 2013

## Refereed Congress / Symposium Publications in Proceedings

- I. **Preparation of Polydimethylsiloxane/clinoptilolite Mixed Matrix Membranes for Solvent Recovery**  
Yiğit B., Salt İ., Salt Y.  
3rd International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 14 - 17 January 2023, pp.237
- II. **Process Simulation and Design of Membrane-based Gas Separation System**  
Kırım A., Salt Y.  
5th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 14 - 16 December 2022, pp.262
- III. **Sorption Behaviour of Inorganic Material Filled-PDMS Films in Ethanol Butanol Acetone and Water**  
Kılıç E. C., Salt Y.  
International Conference on Design, Research and Development, Kayseri, Turkey, 15 - 18 December 2021, vol.32, pp.212
- IV. **Preparation and Characterization of PDMS/TiO<sub>2</sub> Nanocomposite Membranes for CO<sub>2</sub> Separation**  
Keskin E., Salt Y., Yargı Ö.  
ISPEC 11th International Conference on Engineering & Natural Sciences, Muş, Turkey, 18 - 19 September 2021, vol.1, pp.247
- V. **Process Simulation of Synthetic Fuel Production from Flue Gas Emitted by Power Plants**  
Öztemel H. B., Salt İ., Salt Y.  
International Conference on Energy, Environment and Storage of Energy (ICEESEN 2020), Kayseri, Turkey, 19 - 21 November 2020, pp.298-307
- VI. **Pervaporasyon ile Desalinasyona Yönelik Zeolit 5A Dolgulu Poli(vinilalkol) Membranların Hazırlanması ve Karakterizasyonu**  
Tırnakçı B., Salt Y., Salt İ.  
Ankara International Congress on Scientific Research-II, Ankara, Turkey, 6 - 08 March 2020, pp.291
- VII. **Development of Mixed Matrix Membrane for Carbondioxide Separation**  
Keskin E., Salt Y.  
International Congress on Engineering Architecture and Design, İstanbul, Turkey, 21 - 22 December 2019, pp.1465
- VIII. **Effect of crosslinking concentration on mechanical performance of polyvinyl alcohol membrane crosslinked with tartaric acid**  
Bozdoğan A., Aksakal B., Denктаş C., Salt Y.  
Turkish physical society 35th international physics congress, Muğla, Turkey, 4 - 08 September 2019, pp.329
- IX. **Effect of pre-stretching following short term stress-relaxation on mechanical performance of**

**polyvinyl alcohol membrane crosslinked with tartaric acid**

Aksakal B., Bozdoğan A., Denктаş C., Salt Y.

Turkish physical society 35th international physics congress, Muğla, Turkey, 4 - 08 September 2019, pp.338

- X. **A Comprehensive Process Design and Simulation of Bioethanol Production for Obtaining high Purity Bioethanol from Biomass**  
Tunca O. D., Düzenli E. F., Salt İ., Salt Y.  
Wesce 2019, İstanbul, Turkey, 26 - 30 August 2019, pp.5-8
- XI. **Cold Energy Utilization of Liquefied Natural Gas During Regasification Process**  
Duyar İ., Salt Y.  
Wesce 2019, İstanbul, Turkey, 26 - 28 August 2019, pp.1-4
- XII. **Preparation and Characterization of PDMS/SiO<sub>2</sub> Mixed Matrix Membranes for Separation of Bioalcohols from Fermentation Broths**  
Demet B., Salt Y., Denктаş C., Özkaya B.  
International Conference on Recycling and Reuse, İstanbul, Turkey, 24 - 26 October 2018, pp.97-98
- XIII. **Complex Impedance and Ac Conductivity Analyze of Ceramic Doped Poly(Vinil Alcohol) Composites**  
Süngü Mısırlıođlu B., Güven Özdemir Z., Salt Y., Tırnakçı B.  
3rd International Conference on Organic Electronic Material Technologies (OEMT2018), Kırklareli, Turkey, 20 - 22 September 2018, pp.155
- XIV. **EuBa<sub>2</sub>Ca<sub>2</sub>Cu<sub>3</sub>O<sub>9-x</sub> Ceramic Additive on Micro-Structural and Mechanical Properties of Polyvinil Alcohol (PVA)**  
Güven Özdemir Z., Süngü Mısırlıođlu B., Aksakal B., Tırnakçı B., Salt Y., Denктаş C.  
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey, 11 - 13 October 2017, pp.49
- XV. **Characterization of Zeolite 5A Filled-Sodium Alginate Membranes Prepared for Dehydration of Aqueous Organic Mixtures by Pervaporation**  
Saka T., SALT Y., KÜÇÜK İ.  
4th International conference on materials science and nanotechnology for next generation (MSNG2017), Saraybosna, Bosnia And Herzegovina, 28 June 2017, pp.69
- XVI. **Sıvı Karışımların Ayrılmasına Yönelik Zeolit Dolgulu Poli(vinilalkol) Membranların Hazırlanması ve Karakterizasyonu**  
Şenol Ş., Tırnakçı B., Salt İ., Salt Y.  
6. Fiziksel Kimya Kongresi, Zonguldak, Turkey, 15 - 18 May 2017, pp.48
- XVII. **THE IMPACT OF DIFFERENT TYPE OF ZEOLITES ON DIELECTRIC SPECTRUM OF POLYVINYL ALCOHOL**  
DENKDAŞ C., GÜVEN ÖZDEMİR Z., SÜNGÜ MISIRLIOĐLU B., Yılmaz Baysoy D., SALT Y.  
2nd International Conference on Viable Energy Trends (InVenT-2017), Helsinki, Finland, 28 April 2017, pp.189-197
- XVIII. **Development of Hydrophilic Nanocomposite Membranes for Pervaporation**  
Tırnakçı B., Keyf S., Salt Y.  
2ND INTERNATIONAL CONFERENCE ON ADVANCESIN NATURAL AND APPLIED SCIENCESICANAS 2017, Antalya, Turkey, 18 - 21 April 2017, pp.429
- XIX. **Preparation of Mixed Matrix Membranes with Different Types of Zeolite and Permeation Studies**  
Kaya B., Tırnakçı B., Salt İ., Salt Y.  
2nd International Conference on Advances in Natural and Applied Sciences (ICANAS 2017), Antalya, Turkey, 18 - 21 April 2017, pp.430
- XX. **İkili Karışımların Pervaporasyonla Ayrılmasına Yönelik Zeolit Dolgulu Sodyum Aljinat Kompozit Membranların Geliştirilmesi**  
Saka T., Salt Y.  
12. Ulusal Kimya Mühendisliği Kongresi (UKMK-2016), İzmir, Turkey, 23 - 26 August 2016, pp.364
- XXI. **Zeolit 5A Dolgulu Poli(vinilalkol) Membran Kullanarak Etanol-Su Karışımlarının Pervaporasyonla Ayrılması**  
Tırnakçı B., Özdemir C., Salt Y.

11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014, pp.672-673
- XXII. **Pervaporasyona Yönelik Olarak Hazırlanan Zeolit 3A Dolgulu Poli(vinilalkol) Membranların Farklı Karışımlardaki Sorpsiyon Davranışı**  
Salt Y., Şenol Ş., Salt İ., Korkmaz S.  
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014, pp.640-641
- XXIII. **Klinoptilolit ve Zeolit 3A Dolgulu Poli(vinilalkol) Membran Hazırlanması ve Sorpsiyon Davranışının İncelenmesi**  
Salt Y., Şenol Ş., Salt İ., Korkmaz S.  
10. Ulusal Kimya Mühendisliği Kongresi, İstanbul, Turkey, 3 - 06 September 2012, pp.44
- XXIV. **“İzobutil Asetat Eldesine Yönelik Esterleşme Reaksiyonunun Amberlyst 35 Katalizörü Kullanılarak Pervaporasyon Membran Reaktörde İncelenmesi**  
Korkmaz S., Salt Y., Dinçer S.  
9. Ulusal Kimya Mühendisliği Kongresi, Gazi Üniversitesi, Ankara, Turkey, 22 - 25 June 2010, pp.545-546
- XXV. **Sorption Behavior of Crosslinked and Zeolite-Filled Poly(vinylalcohol) Membranes Prepared for Dehydration of Organic Solvents**  
Salt Y., Kurtulan E., Arçevik E., Salt İ.  
EMCC6, Antalya, Turkey, 7 - 12 March 2010, pp.247
- XXVI. **The Investigation of Leaching Kinetics in Preparation of Raney Cobalt Catalyst from the Co-Si Alloy**  
Mert M. S., Salt İ., Salt Y., Bolat E.  
EMCC6, Antalya, Turkey, 7 - 12 March 2010, pp.142
- XXVII. **Pervaporation Membrane Reactor Study for the Esterification of Acetic Acid and Isobuthanol using Polydimethylsiloxane Membrane**  
Korkmaz S., Salt Y., Hasanoğlu A. M., Salt İ., Özkan S., Dinçer S.  
2nd International Congress on Green Process Engineering - GPE 2009, Venice, Italy, 14 - 17 June 2009, pp.142
- XXVIII. **Etanol ve Asetik Asitin Esterleşme Reaksiyonunun Farklı Membran ve Katalizörler Varlığında Pervaporasyon Membran Reaktörde İncelenmesi**  
Hasanoğlu A. M., Salt Y., Keleser S., Dinçer S.  
XXII. Ulusal Kimya Kongresi, Doğu Akdeniz Üniversitesi, Gazimagusa, Cyprus (Kktc), 06 October 2008, pp.11
- XXIX. **Desorption Study and Modeling of Pervaporation and Desorption**  
KELESER S., SALT Y., OZKAN S., HASANOĞLU A. M., DINCER S.  
NanoMemCourse EF1, Nanostructured materials and membranes, synthesis and characterisation, Zaragoza, Spain, 07 November 2007, pp.9-10
- XXX. **Desorption of Ethylacetate- Water Mixture by Using Crosslinked Polydimethylsiloxane Membrane**  
Keleşer S., Salt Y., Hasanoğlu A. M., Özkan S., Dinçer S.  
Euromembrane 2006, Turin, Italy, 24 - 28 September 2006, pp.1
- XXXI. **Etanol-su Karışımının Çapraz Bağlı (poli)dimetilsiloksan Membranda Desorpsiyonunun İncelenmesi**  
Hasanoğlu A. M., Salt Y., Keleser S., Dinçer S.  
VII. Ulusal Kimya Mühendisliği Kongresi, Anadolu Üniversitesi, Eskişehir, Turkey, 05 September 2006, pp.40
- XXXII. **Etil Asetatın Esterleşme Reaksiyonunun Pervaporasyon Membran Reaktörde İncelenmesi**  
Hasanoğlu A. M., Salt Y., Keleser S., Ozkan S., Dinçer S.  
VII. Ulusal Kimya Mühendisliği Kongresi, Anadolu Üniversitesi, Eskişehir, Eskişehir, Turkey, 05 September 2006, pp.39
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