

## Prof. GÜLSEN ASMAN

### Personal Information

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### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1994 - 2000

Post Graduate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), Turkey 1990 - 1993

Under Graduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1984 - 1989

### Dissertations

Doctorate, Asetik Asit- Su Karışımlarının Poly(vinyl alcohol), Poly(vinyl alcohol)/Poly(acrylic acid),Poly(vinyl alcohol-g-4-vinyl pyridine) Membranlarla Ayrılması, Gazi University, Fen Bilimleri Enstitüsü, 2000

Post Graduate, Poli(metil metakrilat- metakrilik asit) Kopolimrinden Membranlar Hazırlanması veDeğiştirme İşlemlerinde Kullanılması, Gazi University, Fen Bilimleri Enstitüsü, 1993

### Research Areas

Natural Sciences

### Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Kimya Bölümü, 2015 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Kimya Bölümü, 2008 - 2015

Assistant Professor, Gazi University, Fen Fakültesi, Kimya Bölümü, 2007 - 2008

Research Assistant, Gazi University, Fen Fakültesi, Kimya Bölümü, 1990 - 2007

### Professional Experience

Deputy Head of Department, Gazi University, Fen Fakültesi, Kimya Bölümü, 2008 - 2009

### Courses

YÜKSEK LİSANS TEZ HAZIRLIK (BAHAR DÖNEMİ), Post Graduate, 2017 - 2018

YÜKSEK LİSANS TEZ ÇALIŞMASI, Post Graduate, 2017 - 2018

ARAŞTIRMA PROJESİ I, Under Graduate, 2016 - 2017, 2017 - 2018

ARAŞTIRMA PROJESİ II, Under Graduate, 2016 - 2017, 2017 - 2018

Biyoloji Öğrencileri için Kimya, Under Graduate, 2017 - 2018

YÜKSEK LİSANS TEZ HAZIRLIK, Post Graduate, 2016 - 2017, 2017 - 2018

GENERAL CHEMISTRY II, Under Graduate, 2017 - 2018

YÜKSEK LİSANS UZMANLIK ALAN (BAHAR DÖNEMİ), Post Graduate, 2016 - 2017, 2017 - 2018  
Sentetik Membranlar(GÜZ DÖNEMİ), Post Graduate, 2017 - 2018  
YÜKSEK LİSANS TEZ ÇALIŞMASI (BAHAR DÖNEMİ), Post Graduate, 2017 - 2018  
GENERAL CHEMISTRY LABORATORY, Under Graduate, 2017 - 2018  
SENTETİK MEMBRANLAR (BAHAR DÖNEMİ), Post Graduate, 2016 - 2017, 2017 - 2018  
SENTETİK MEMBRANLAR, Post Graduate, 2016 - 2017, 2017 - 2018  
Mesleki Yabancı Dil, Under Graduate, 2017 - 2018  
GENEL KİMYA I (Yaz Okulu), Under Graduate, 2017 - 2018  
FİZİKOKİMYA I, Under Graduate, 2017 - 2018  
GENEL KİMYA I, Under Graduate, 2017 - 2018  
YÜKSEK LİSANS UZMANLIK ALAN, Post Graduate, 2017 - 2018  
General Chemistry I, Under Graduate, 2017 - 2018  
Genel Kimya Lab, Under Graduate, 2017 - 2018  
GENEL KİMYA II, Under Graduate, 2017 - 2018  
Fizikokimya I (Yaz Okulu), Under Graduate, 2017 - 2018  
YÜKSEK LİSANS TEZ ÇALIŞMASI (BAHAR), Post Graduate, 2016 - 2017  
YÜZEY KİMYASI VE KATALİZ, Under Graduate, 2016 - 2017  
GENEL KİMYA II (BAHAR DÖNEMİ), Under Graduate, 2016 - 2017  
5940004 YÜKSEK LİSANS UZMANLIK ALAN, Post Graduate, 2016 - 2017  
GENEL KİMYA I (ŞUBE 2), Under Graduate, 2016 - 2017  
GENEL KİMYA I ( ŞUBE 1), Under Graduate, 2016 - 2017  
5920004 YÜKSEK LİSANS TEZ ÇALIŞMASI, Post Graduate, 2016 - 2017  
GENEL KİMYA LABORATUARI, Under Graduate, 2016 - 2017

## Advising Theses

ASMAN G., TARTRAZİNİN SULU ÇÖZELTİLERDEN UZAKLAŞTIRILMASI: YEŞİL MEMBRAN VE YEŞİL PROSES, Post Graduate, S.GAHRAMANLI(Student), 2020  
ASMAN G., Preparation And Characterization Of Natural Compatible Polymeric Membranes, Post Graduate, E.GÜLER(Student), 2019  
ASMAN G., Theophylline release from cellulose acetate membranes that modified by nano-SiO<sub>2</sub>, Post Graduate, M.TAŞKIN(Student), 2013  
ASMAN G., Investigation of the parameters that affect the theophylline release from biologically compatible cellulose acetate membranes, Post Graduate, E.AKÇAY(Student), 2011

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

- I. **Synthesis and physical studies of polycarbonate of p-tert-butylcalix[4]arene: a highly selective receptor for Na<sup>+</sup>**  
Ashram M., Al-Ghezawi N., Abu Awaad I., Asman G.  
TURKISH JOURNAL OF CHEMISTRY, vol.33, no.5, pp.647-656, 2009 (Journal Indexed in SCI)
- II. **pH- and temperature-sensitive in vitro release of salicylic acid through poly(vinyl alcohol-g-acrylamide) membranes**  
Asman G., Sanli O., Tuncel D.  
Journal of Applied Polymer Science, vol.107, no.5, pp.3005-3012, 2008 (Journal Indexed in SCI Expanded)
- III. **In vitro release of salicylic acid through poly(vinyl alcohol-g-itaconic acid) membranes**  
Asman G., Sanli O., Tuncel D.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.107, no.5, pp.3291-3299, 2008 (Journal Indexed in SCI)
- IV. **Sorption, diffusion, and pervaporation characteristics of dimethylformamide/water mixtures using**

### **sodium alginate/polyvinyl pyrrolidone blend membranes**

KONDOLOT SOLAK E., Asman G., ÇAMURLU P., Sanli O.

Vacuum, vol.82, no.6, pp.579-587, 2008 (Journal Indexed in SCI Expanded)

- V. **Release of salicylic acid through poly(vinyl alcohol)/poly(vinyl pyrrolidone) and poly(vinyl alcohol-g-N-vinyl-2-pyrrolidone) membranes**  
Sanli O., Orhan E., Asman G.  
Journal of Applied Polymer Science, vol.102, no.2, pp.1244-1253, 2006 (Journal Indexed in SCI Expanded)
- VI. **Separation of acetic acid-water mixtures through poly(vinyl alcohol)/poly(acrylic acid) alloy membranes by using evapomeation and temperature difference evapomeation methods**  
Asman G., Sanli O.  
SEPARATION SCIENCE AND TECHNOLOGY, vol.41, no.6, pp.1193-1209, 2006 (Journal Indexed in SCI)
- VII. **Separation of acetic acid-water mixtures through acrylonitrile grafted poly(vinyl alcohol) membranes by pervaporation**  
Alghezawi N., Sanli O., Aras L., Asman G.  
Chemical Engineering and Processing: Process Intensification, vol.44, no.1, pp.51-58, 2005 (Journal Indexed in SCI Expanded)
- VIII. **Release of diclofenac through gluteraldehyde crosslinked poly(vinyl alcohol)/poly(acrylic acid) alloy membranes**  
Sanli O., Asman G.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.91, no.1, pp.72-77, 2004 (Journal Indexed in SCI)
- IX. **Characteristics of permeation and separation for acetic acid-water mixtures through poly(vinyl alcohol) membranes modified with poly(acrylic acid)**  
Asman G., Sanli O.  
Separation Science and Technology, vol.38, no.9, pp.1963-1980, 2003 (Journal Indexed in SCI Expanded)
- X. **Removal of Fe(III) ions from dilute aqueous solutions by alginic acid-enhanced ultrafiltration**  
Sanli O., Asman G.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.77, no.5, pp.1096-1101, 2000 (Journal Indexed in SCI)
- XI. **Ultrafiltration of Fe(III) solutions in the presence of poly(vinyl alcohol) using modified poly(methyl methacrylate-co-methacrylic acid) membranes**  
Asman G., Sanli O.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.64, no.6, pp.1115-1121, 1997 (Journal Indexed in SCI)

## **Books & Book Chapters**

### **I. Physicalchemistry**

Asman G. (Editor)

Palme Yayın Dağıtım, Ankara, 2015

### **II. Sentetik Membranlar**

ASMAN G.

Palme Yayınevi, Ankara, 2015

## **Citations**

Total Citations (WOS):262

h-index (WOS):9