

## Res. Asst. HATİCE BİRTANE

### Personal Information

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### Education Information

Doctorate, Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Department Of Chemistry, Turkey 2012 - 2019

Postgraduate, Marmara University, Faculty of Arts and Sciences, Chemistry, Turkey 2009 - 2012

Undergraduate, Selçuk Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2003 - 2007

### Foreign Languages

English, C1 Advanced

### Dissertations

Postgraduate, Bazı Schiff Bazı Metal Komplekslerinin Sentezi ve Karakterizasyonu, Marmara Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2012

### Research Areas

Natural Sciences

### Academic Titles / Tasks

Research Assistant, Marmara University, Faculty Of Arts And Sciences, Chemistry, 2009 - Continues

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

- I. **Antibacterial UV-photocured acrylic coatings containing quaternary ammonium salt**  
BİRTANE H., Sen F., Bozdağ B., KAHRAMAN M. V.  
POLYMER BULLETIN, vol.78, no.7, pp.3577-3588, 2021 (Journal Indexed in SCI)
- II. **Transparent and flexible antibacterial photocrosslinked thin films against the S. aureus and E. coli pathogen bacteria**  
Beyler-Çiğil A., BİRTANE H., Şen F., KAHRAMAN M. V.  
Materials Today Communications, vol.27, 2021 (Journal Indexed in SCI Expanded)
- III. **Cellulose/cysteine based thiol-ene UV cured adsorbent: removal of silver (I) ions from aqueous solution**  
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CELLULOSE, 2021 (Journal Indexed in SCI)

- IV. **Selective molecularly imprinted polymer for the analysis of chlorpyrifos in water samples**  
AYDIN URUCU O., Beyler Çiğil A., BİRTANE H., KÖK YETİMOĞLU E., KAHRAMAN M. V.  
Journal of Industrial and Engineering Chemistry, vol.87, pp.145-151, 2020 (Journal Indexed in SCI)
- V. **pH-controlled lavender oil capsulation with ABA-type block copolymer and usage in paper coating**  
Kandirmaz E., Birtane H., Cigil A. B., Özcan A.  
FLAVOUR AND FRAGRANCE JOURNAL, vol.35, no.2, pp.174-181, 2020 (Journal Indexed in SCI)
- VI. **Thermal, optical and electrical properties of UV-curing screen-printed glass substrates**  
BEYLER ÇİĞİL A., ARMAN KANDIRMAZ E., BİRTANE H., KAHRAMAN M. V.  
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- VII. **Structural and dielectric properties of POSS reinforced polyimide nanocomposites**  
Birtane H., Esmer K., Madakbaş S., Kahraman M. V.  
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.56, pp.245-252, 2019 (Journal Indexed in SCI)
- VIII. **Thermally Stable Phosphonium Organoclay-Reinforced Polyimide Nanocomposites**  
BİRTANE H., Beyler-Cigil A., ÇAKMAKÇI E., KAHRAMAN M. V.  
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.56, no.4, pp.443-452, 2017 (Journal Indexed in SCI)

### Articles Published in Other Journals

- I. **Yüksek Hidrofilik Polietilen İmin Kaplamaların Hazırlanması Ve Karakterizasyonu**  
BEYLER ÇİĞİL A., ARMAN KANDIRMAZ E., BİRTANE H., KAHRAMAN M. V.  
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.7, pp.973-984, 2019 (Other Refereed National Journals)

### Refereed Congress / Symposium Publications in Proceedings

- I. **UV IŞINLARI İLE KURUYABİLEN BUĞU TUTMAYAN KAPLAMALAR**  
Karabulut S., BİRTANE H., KAHRAMAN M. V.  
(IMASCON 2020 - Autumn), 4 - 05 December 2020
- II. **THIOL-ENE BASED MEMBRANES AND APPLICATIONS IN HEAVY METAL IONS REMOVAL**  
PEKTAŞ B., BİRTANE H., AYDIN URUCU O., KAHRAMAN M. V.  
7th International Joint Conference on Environmental and Light Industry Technologies, Hungary, 21 - 22 November 2019
- III. **FUNCTIONAL THIOL ENE MEMBRANE FOR METAL UPTAKE**  
KARANLIK B., BİRTANE H., AYDIN URUCU O., KAHRAMAN M. V.  
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- IV. **UV KÜRLENEYEN, Kendi Kendini Temizleyen Kağıt Kaplamalarının Hazırlanması ve Yüzey Özelliklerinin İncelenmesi**  
BİRTANE H., KAHRAMAN M. V.  
3rd International Printing Technologies Symposium, 10 - 12 October 2019
- V. **P-DİMETİL AMİNOAZO-BENZEN'İN ALLİLGLİSİDİL ETER İLE VERDİĞİ BİLEŞİKLERİN FLEKSO MÜREKKEPLERİNDE KULLANIMININ İNCELENMESİ**  
ARMAN KANDIRMAZ E., BİRTANE H., BEYLER ÇİĞİL A., KAHRAMAN M. V.  
6th INTERNATIONAL PRINTING TECHNOLOGIES SYMPOSIUM, İstanbul, Turkey, 1 - 03 November 2018
- VI. **ALLİL MODİFİYE 2- NAFTOL BOYAR MADDESİNİN SENTEZİ VE UV İLE KÜRLENEN FLEKSO MÜREKKEPLERİNDE KULLANIMI**  
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## **VEBASILABİLİRLİK ÖZELLİKLERİNİN İNCELENMESİ**

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6th INTERNATIONAL PRINTING TECHNOLOGIES SYMPOSIUM, İstanbul, Turkey, 1 - 03 November 2018

- VIII. **Antibakteriyel Nanokompozit Kaplamaların İncelenmesi**  
BİRTANE H., BOZDAĞ B., ŞEN F., KAHRAMAN M. V.  
30. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kkct), 5 - 08 November 2018, pp.185
- IX. **Preparation and characterization of highly hydrophilic polyethyleneimine coatings**  
BEYLER ÇİĞİL A., ARMAN KANDIRMAZ E., BİRTANE H., KAHRAMAN M. V.  
International Congress on New Trends in Science, Engineering and Technology, 4 - 06 September 2018, pp.191-202
- X. **D Vitamini Kapsülasyonunda kullanılan Poli(vinil alkol)-(oleik asit)) sentezi ve karakterizasyonu**  
Arman Kandırmaz E., Birtane H., Çiğil A. B. , Kayaman Apohan N.  
Uluslararası Katılımlı VII. Polimer Bilim ve Teknoloji Kongresi, Eskişehir, Turkey, 9 - 12 September 2018, pp.28
- XI. **Cu/Ag Nanopartikülleri İçeren Tiyol-en Esaslı Kaplamaların Hazırlanması ve Özelliklerinin İncelenmesi**  
Birtane H., Çiğil A. B. , Arman Kandırmaz E., Kahraman M. V.  
Uluslararası Katılımlı VII. Polimer Bilim ve Teknoloji Kongresi, Eskişehir, Turkey, 9 - 12 September 2018, pp.315
- XII. **Hidrofilik Silika Nanoparçacıkların Akrilik Üretan Esaslı Kaplamaların Yüzey özelliklerine Etkisinin İncelenmesi**  
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- XV. **PEG-PPG-PEG ABA Type Block Polymer Synthesis and Use in Lavender Oil Capsulation**  
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- XVI. **Preparation and characterization of highly hydrophilic polyethyleneimine coatings**  
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- XVII. **Thermal Properties of Polyhedral Oligomeric Silsesquioxanes/Polyimide Nanocomposite**  
MADAKBAŞ S., BİRTANE H., KAHRAMAN M. V.  
ICGMCMCME 2018 20th International Conference on Green Materials Chemistry and Materials Engineering, Roma, Italy, 23 - 24 July 2018
- XVIII. **Dielectric Properties of POSS/POYİMİDE Nanocomposites**  
MADAKBAŞ S., BİRTANE H., ESMER K., KAHRAMAN M. V.  
ICNTC Conference 2018, ST PETERSBURG, Russia, 11 - 13 May 2018
- XIX. **CELLULOSE ACETATE BUTYRATE BASED THIOL-ENE/SOL GEL HYBRID CROSSLINKED MATRIX FOR HEAVY METAL IONS REMOVAL**  
BİRTANE H., AYDIN URUCU O., KAHRAMAN M. V.  
8th Black Sea Basin Conference on Analytical Chemistry (8th BBCAC) 9-11 May, 2018 Istanbul/Turkey , 9 - 11 May 2018
- XX. **Thermal and Electrical Properties of Surface Modified Polyaniline- Polyimide Composite Printed on with Screen Printing**  
Birtane H., Çiğil A. B. , Arman Kandırmaz E., Kahraman M. V.

2. Uluslararası Basım Teknolojileri Sempozyumu, İstanbul, Turkey, 11 - 12 October 2017, pp.231-242

**XXI. Electrical And Optical Properties Of New Surface Modified Polyaniline Hybrid Composite Printed With Screen Printing**

Çiğil A. B. , Arman Kandırmaz E., Birtane H., Kahraman M. V.

2. Uluslararası Basım Teknolojileri Sempozyumu, İstanbul, Turkey, 11 - 12 October 2017, pp.217-229

**XXII. Efficiency of a Molecularly Imprinted Polymer for Selective Removal of Chlorpyrifos from Water Samples**

AYDIN URUCU O., BEYLER ÇİĞİL A., BİRTANE H., KÖK YETİMOĞLU E., KAHRAMAN M. V.

18th International Conference on Hybrid Intelligent Systems, 25 - 26 April 2016

**XXIII. Surface Modified Nano Diamond Polyimide Hybrid Composites**

BİRTANE H., BEYLER ÇİĞİL A., KAHRAMAN M. V.

ICHIS 2016 : 18th International Conference on Hybrid Intelligent Systems, 25 - 26 April 2016

## **Citations**

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