

## Doç. Dr. FATMA ÖZGE GÖKMEN

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: Q-4727-2017

ScopusID: 57201213025

Yoksis Araştırmacı ID: 45929

### Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), Türkiye 2011 - 2016

Yüksek Lisans, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Türkiye 2008 - 2011

Lisans, Gazi Üniversitesi, Fen Fakültesi, Kimya Bölümü, Türkiye 2004 - 2008

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Yaptığı Tezler

Doktora, SiO<sub>2</sub> İçeren Nanokompozit Hidrojellerin Hazırlanması, Karakterizasyonu ve Çeşitli Uygulamalarda Kullanılması, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), 2016

Yüksek Lisans, Nano Boyutlu Elektroaktif-Katalizör Sentezi ve Karakterizasyonu, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2011

### Araştırma Alanları

Kimya, Fizikokimya, Biyopolimerler ve uygulamaları, İletken Polimerler, Nanokompozitler, Polimer Karakterizasyonu, Polimerik Adsorbentler, Polimerik Filmler, Spektroskopi, Yakıt Pilleri

### Verdiği Dersler

ARAŞTIRMA TEKNİKLERİ VE SEMİNER, Ön Lisans, 2022 - 2023

Elektrokimyasal Enerji Dönüşüm ve Depolama, Yüksek Lisans, 2021 - 2022

Güneş Enerjisi Sistemleri, Yüksek Lisans, 2021 - 2022

Nanoteknoloji ve Uygulama Alanları, Doktora, 2021 - 2022

Termoelektrik Sistemler, Yüksek Lisans, 2021 - 2022

Biyobozunur Nanokompozitler, Yüksek Lisans, 2019 - 2020

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Hydroxyapatite-Doped Polyhydroxyethylmethacrylate Hydrogels as Smart Porous Packaging Materials**  
GÖKMEN F. Ö.  
Food and Bioprocess Technology, cilt.16, sa.11, ss.2692-2704, 2023 (SCI-Expanded)
- II. **Comparison of gas sensor properties by producing ZnO thin films with different techniques**  
TEMEL S., Gözükızıl F., GÖKMEN F. Ö., YAMAN E.  
Journal of Optoelectronics and Advanced Materials, cilt.25, sa.5-6, ss.282-288, 2023 (SCI-Expanded)
- III. **Synthesis and characterization of acrylic acid-based SiO<sub>2</sub> nanocomposite hydrogels**  
Gökmen F. Ö., PEKEL BAYRAMGİL N.  
Phosphorus, Sulfur and Silicon and the Related Elements, cilt.198, sa.1, ss.63-71, 2023 (SCI-Expanded)
- IV. **Nano SiO<sub>2</sub> doping effect on physicochemical properties of PVA-starch bionanocomposite films**  
GÖZÜKIZIL M. F., TEMEL S., YAMAN E., GÖKMEN F. Ö.  
Phosphorus, Sulfur and Silicon and the Related Elements, cilt.198, sa.4, ss.366-373, 2023 (SCI-Expanded)
- V. **Preparation and characterization of some cellulose derivatives nanocomposite films**  
Gökmen F. Ö., Pekel Bayramgil N.  
Carbohydrate Polymers, cilt.297, 2022 (SCI-Expanded)
- VI. **Evaluation of bio-char as porous catalyst support in the pyrolysis of Brassica napus subsp. napus cake**  
YAMAN E., GÖKMEN F. Ö., TEMEL S., ÖZBAY N.  
Journal of Porous Materials, cilt.29, sa.3, ss.771-781, 2022 (SCI-Expanded)
- VII. **Eco-friendly polyacrylic acid based porous hydrogel for heavy metal ions adsorption: characterization, adsorption behavior, thermodynamic and reusability studies**  
GÖKMEN F. Ö., YAMAN E., TEMEL S.  
Microchemical Journal, cilt.168, 2021 (SCI-Expanded)
- VIII. **Induction of Immunogenic Cell Death in Breast Cancer by Conductive Polymer Nanoparticle-Mediated Photothermal Therapy**  
Huff M. E., Gökmen F. Ö., Barrera J. S., Lara E. J., Tunnell J., Irvin J., Betancourt T.  
ACS Applied Polymer Materials, cilt.2, sa.12, ss.5602-5620, 2020 (SCI-Expanded)
- IX. **Antibacterial activity of ZnO nanoflowers deposited on biodegradable acrylic acid hydrogel by chemical bath deposition**  
TEMEL S., GÖKMEN F. Ö., YAMAN E.  
Bulletin of Materials Science, cilt.43, sa.1, 2020 (SCI-Expanded)
- X. **Synthesis, characterization and adsorption studies of nano-composite hydrogels and the effect of SiO<sub>2</sub> on the capacity for the removal of Methylene Blue dye**  
TEMEL S., YAMAN E., ÖZBAY N., GÖKMEN F. Ö.  
Journal of the Serbian Chemical Society, cilt.85, sa.7, ss.939-952, 2019 (SCI-Expanded)
- XI. **Novel multifunctional colloidal carbohydrate nanofiber electrolytes with excellent conductivity and responses to bone cancer cells**  
GÖKMEN F. Ö., Rzayev Z. M., Salimi K., Bunyatova U., ACAR S., Salamov B., Türk M.  
Carbohydrate Polymers, cilt.133, ss.624-636, 2015 (SCI-Expanded)

## Diğer Dergilerde Yayınlanan Makaleler

- I. **Nano SiO<sub>2</sub> katkılı polihidroksietilmetakrilat (PHEMA) filmlerinin mekanik, termal ve biyobozunur davranış özellikleri**  
TEMEL S., YAMAN E., gözükızıl m. f., GÖKMEN F. Ö.  
Food and Health, cilt.9, sa.2, ss.117-128, 2023 (Hakemli Dergi)
- II. **PVP/PVA blended hydrogels as a biofilm for use in food packaging applications**

GÖKMEN F. Ö.

Food and Health, cilt.8, sa.3, ss.172-180, 2022 (Hakemli Dergi)

- III. **Değerli Metal Katalizörlerde Katalizör Destek Malzemesi Olarak Biyotabanlı Malzemelerin Üretimi ve Karakterizasyonu**  
YAMAN E., GÖKMEN F. Ö., TEMEL S., ÖZBAY N., ÖZSİN G.  
Avrupa Bilim ve Teknoloji Dergisi, cilt.23, ss.181-188, 2021 (Hakemli Dergi)
- IV. **Investigation of Structural and Morphological Properties of ZnO Nanoflowers on Biocompatible Polymeric Substrate**  
TEMEL S., GÖKMEN F. Ö., YAMAN E.  
ACADEMIC PLATFORM-JOURNAL OF ENGINEERING AND SCIENCE, cilt.8, sa.1, ss.36-40, 2020 (Hakemli Dergi)
- V. **THERMAL BEHAVIOR OF INORGANIC HYDROGEL COMPOSITES**  
TEMEL S., GÖKMEN F. Ö., YAMAN E.  
European Chemical Bulletin, cilt.8, sa.12, ss.399-404, 2019 (Scopus)
- VI. **Enhanced Antibacterial Property by the Synergetic Effect of TiO<sub>2</sub> and ZnO Nano-Particles in Biodegradable Hydrogel**  
GÖKMEN F. Ö., TEMEL S., YAMAN E.  
EUROPEAN SCIENTIFIC JOURNAL, cilt.15, sa.33, ss.13-21, 2019 (Hakemli Dergi)
- VII. **An energy efficient way to produce zinc-based semiconductor thin films via chemical bath deposition technique**  
TEMEL S., GÖKMEN F. Ö., YAMAN E.  
Journal of Sustainable Development of Energy, Water and Environment Systems, cilt.7, sa.2, ss.253-260, 2019 (Scopus)
- VIII. **Effects of Deposition Time on Structural and Morphological Properties of Synthesized ZnO Nanoflowers Without Using Complexing Agent**  
TEMEL S., GÖKMEN F. Ö., YAMAN E.  
EUROPEAN SCIENTIFIC JOURNAL, cilt.13, sa.27, 2017 (Hakemli Dergi)
- IX. **Short Time Synthesis Of ZnO Nanorods Prepared By A Hybrid Deposition Technique: Effects Of Seed Layer**  
TEMEL S., GÖKMEN F. Ö., YAMAN E.  
International Journal of Current Advanced Research, cilt.6, sa.7, ss.4646-4649, 2017 (Hakemli Dergi)
- X. **SYNTHESIS AND CHARACTERIZATION OF N-[3-(DIMETHYL-AMINO)PROPYL]METHACRYLAMIDE/(NANO-SiO<sub>2</sub>, AMINE-MODIFIED NANO-SiO<sub>2</sub> AND EXPANDED PERLITE) NANOCOMPOSITE HYDROGELS**  
GÖKMEN F. Ö., PEKEL BAYRAMGİL N.  
European Chemical Bulletin, cilt.6, sa.11, ss.514-518, 2017 (Hakemli Dergi)

## **Kitap & Kitap Bölümleri**

- I. **CTO ve FTO Yarıiletken İnce Filmlerin Üretimi ve Bazı Fiziksel Özelliklerinin İncelenmesi**  
Özdemir O., Temel S., Gökmen F. Ö.  
Doğa Bilimleri ve Matematikte Öncü ve Çağdaş Çalışmalar, Prof. Dr. Canan ÖZDEMİR, Doç. Dr. Ali ÖZDEMİR, Editör, Duvar Kitabevi, İzmir, ss.17-34, 2023
- II. **ZNO/HAP/PVA KOMPOZİT MALZEMELERİN ÜRETİLMESİ, YAPISAL VE MORFOLOJİK ÖZELLİKLERİNİN İNCELENMESİ**  
TEMEL S., GÖKMEN F. Ö., YAMAN E., GÖZÜKIZIL M. F.  
Fen ve Matematik Bilimlerinde Güncel Araştırmalar, Prof. Dr. Cansu FİLİK İŞÇEN, Editör, Livre de Lyon, ss.11-26, 2022
- III. **PHEMA FİLMLEİNİN YERİNDE (IN-SITU) RADİKALİK POLİMERİZASYON TEKNİĞİ İLE ÜRETİLMESİ**  
TEMEL S., GÖKMEN F. Ö., YAMAN E., GÖZÜKIZIL M. F.  
Fen ve Matematik Bilimlerinde Güncel Araştırmalar, Prof. Dr. Cansu FİLİK İŞÇEN, Editör, Livre de Lyon, ss.1-9,

2022

- IV. Deposition of Cd-Doped ZnO Thin Films as Transparent Electrode for Solar Cell Applications**  
GÖKMEN F. Ö., TEMEL S., YAMAN E.  
Recent Advances in Environmental Science from the Euro-Mediterranean and Surrounding Regions, Mohamed Ksibi, Achraf Ghorbal, Sudip Chakraborty, Helder I. Chaminé, Maurizio Barbieri, Giulia Guerriero, Olfa Hentati, Abdelazim Negm, Anthony Lehmann, Jörg Römbke, Armando Costa Duarte, Elena Xoplaki, Nabil Khélifi, Gilles Colinet, João Miguel Dias, Imed Gargouri, Eric D. Van Hullebusch, Benigno Sánchez Cabrero, Settimio Ferlisi, Chedly Tizaoui, Amjad Kallel, Sami Rtimi, Sandeep Panda, Philippe Michaud, Jaya Narayana Sahu, Mongi Seffen, Vincenzo Nadde, Editör, Springer, ss.1753-1757, 2021
- V. Effects of Boric Acid on Cotton and Polyester Yarn**  
GÖZÜKIZIL M. F., TEMEL S., YAMAN E., GÖKMEN F. Ö.  
Academic Studies in Science and Mathematics, Duygu BALPETEK KULCU, Editör, Duvar Kitapevi, ss.47-58, 2021
- VI. Efficient Conversion of Rapeseed Cake into Bio-Alcohol Through Pyrolysis**  
YAMAN E., ÖZBAY N., TEMEL S., GÖKMEN F. Ö.  
Recent Advances in Environmental Science from the Euro-Mediterranean and Surrounding Regions, Mohamed Ksibi, Achraf Ghorbal, Sudip Chakraborty, Helder I. Chaminé, Maurizio Barbieri, Giulia Guerriero, Olfa Hentati, Abdelazim Negm, Anthony Lehmann, Jörg Römbke, Armando Costa Duarte, Elena Xoplaki, Nabil Khélifi, Gilles Colinet, João Miguel Dias, Imed Gargouri, Eric D. Van Hullebusch, Benigno Sánchez Cabrero, Settimio Ferlisi, Chedly Tizaoui, Amjad Kallel, Sami Rtimi, Sandeep Panda, Philippe Michaud, Jaya Narayana Sahu, Mongi Seffen, Vincenzo Nadde, Editör, Springer, ss.1501-1505, 2021
- VII. An Application of PVA-Zeolite Composite Films as Packaging Material**  
TEMEL S., YAMAN E., GÖZÜKIZIL M. F., GÖKMEN F. Ö.  
Academic Studies in Science and Mathematics, Duygu BALPETEK KULCU, Editör, Duvar Kitapevi, ss.95-101, 2021
- VIII. ANTİBAKTERİYEL VE BİYOBOZUNUR NANO SiO<sub>2</sub> KATKILI POLİ (HİDROKSİETİLMETAKRİLAT) (PHEMA) NANOKOMPOZİT HİDROJELLER**  
GÖKMEN F. Ö., TEMEL S., YAMAN E.  
Fen Bilimleri ve Matematikte Teori ve Araştırmalar II, PROF. DR. HASAN AKGÜL, DOÇ. DR. MEHMET YÜKSEL, Editör, GECE KİTAPLIĞI YAYINEVİ, ss.117-132, 2020
- IX. Yarıiletken Metal Oksit İnce Filmlerin Sol-Gel Manyetik Döndürerek Kaplama Tekniği ile Üretimi ve Bazı Fiziksel Özelliklerinin İncelenmesi**  
TEMEL S., GÖKMEN F. Ö., YAMAN E.  
Academic Research in Science and Engineering, Doç.Dr. Mehmet Dalkılıç, Editör, Gece Akademi, ss.105-114, 2019
- X. SiO<sub>2</sub> ve TiO<sub>2</sub> Katkılı Akrilik Asit Nanokompozit Hidrojellerinin Sentezi ve Karakterizasyonu**  
GÖKMEN F. Ö., TEMEL S., YAMAN E.  
Fen Bilimleri ve Matematik, Doç. Dr. Ali Yakar - Doç. Dr. Hüseyin Topaklı, Editör, Nobel Yayınevi, ss.291-308, 2018
- XI. Farklı Takviye Malzemelerinin Akrilik Asit-Vinil Pirrolidon Kopolimerik Hidrojellerin Kimyasal, Yapısal ve Isıl Özelliklerine Etkisi**  
GÖKMEN F. Ö., TEMEL S., YAMAN E.  
Fen Bilimleri ve Matematik, Doç. Dr. Ali Yakar - Doç. Dr. Hüseyin Topaklı, Editör, Nobel Yayınevi, ss.193-206, 2018

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. An application of PVA-zeolite composite films as packaging material**  
TEMEL S., YAMAN E., GÖKMEN F. Ö., GÖZÜKIZIL M. F.  
TURKISH PHYSICAL SOCIETY 37 th INTERNATIONAL PHYSICS CONGRESS, Muğla, Türkiye, 1 - 05 Eylül 2021
- II. Investigation of nano SiO<sub>2</sub> effect on Starch-PVA nanocomposite films**  
TEMEL S., GÖKMEN F. Ö., YAMAN E., GÖZÜKIZIL M. F.  
TURKISH PHYSICAL SOCIETY 37 th INTERNATIONAL PHYSICS CONGRESS, Muğla, Türkiye, 1 - 05 Eylül 2021
- III. Biyokütlenin Karbonizasyonu ile Elde Edilen Katı Ürünün Katalizör Destek Malzemesi Olarak Değerlendirilmesi**

YAMAN E., GÖKMEN F. Ö., TEMEL S., ÖZBAY N.

3. Ulusal Karbon Konferansı, İstanbul, Türkiye, 11 - 12 Mart 2021

- IV. **Efficient Conversion of Rapeseed Cake into Bio-Alcohol Through Pyrolysis**  
YAMAN E., ÖZBAY N., TEMEL S., GÖKMEN F. Ö.  
2nd Euro-Mediterranean Conference on Environmental Integration, EMCEI 2019, Sousse, Tunus, 10 - 13 Ekim 2019, ss.1501-1505
- V. **Deposition of Cd-Doped ZnO Thin Films as Transparent Electrode for Solar Cell Applications**  
GÖKMEN F. Ö., TEMEL S., YAMAN E.  
2nd Euro-Mediterranean Conference on Environmental Integration, EMCEI 2019, Sousse, Tunus, 10 - 13 Ekim 2019, ss.1753-1757
- VI. **NiZnO nanocomposite thin films deposited by a novel technique: Magnetic spin coating**  
TEMEL S., YAMAN E., GÖKMEN F. Ö.  
Turkish Physical Society 35th International Physics Congress, TPS 2019, Konacik-Bodrum, Türkiye, 4 - 08 Eylül 2019, cilt.2178
- VII. **Microstructural and optical properties of Cu doped ZnO thin films prepared by magnetic spin coating**  
TEMEL S., YAMAN E., GÖKMEN F. Ö.  
Turkish Physical Society 35th International Physics Congress, TPS 2019, Konacik-Bodrum, Türkiye, 4 - 08 Eylül 2019, cilt.2178
- VIII. **Environmental approach of utilizing co-polymeric hydrogel: An application of dye removal**  
GÖKMEN F. Ö., YAMAN E., TEMEL S., ÖZBAY N.  
1st International Congress on Analytical and Bioanalytical Chemistry (1st ICABC 2019), Türkiye, 27 - 30 Mart 2019
- IX. **Growth of ZnO Nano-flower on Nano-TiO<sub>2</sub> Doped Biodegradable Hydrogel: An Investigation of Antibacterial Property**  
GÖKMEN F. Ö., YAMAN E., TEMEL S., ÖZBAY N.  
1st International Congress on Analytical and Bioanalytical Chemistry (1st ICABC 2019), Türkiye, 27 - 30 Mart 2019
- X. **Synthesis, Characterization and Swelling Behavior of Poly (Acrylic Acid-co-N-vinyl 2-pyrrolidone) Copolymeric Hydrogels**  
GÖKMEN F. Ö., YAMAN E., TEMEL S.  
8th Black Sea Basin Conference on Analytical Chemistry (8th BBCAC), Türkiye, 9 - 11 Mayıs 2018
- XI. **Optimization of Poly (Acrylic Acid-co-N-vinyl 2-pyrrolidone)/SiO<sub>2</sub> Nanocomposite Hydrogels**  
GÖKMEN F. Ö., TEMEL S., YAMAN E.  
8th Black Sea Basin Conference on Analytical Chemistry (8th BBCAC), Türkiye, 9 - 11 Mayıs 2018
- XII. **Synthesis and characterization of TiO<sub>2</sub> co-polymeric hydrogel**  
TEMEL S., YAMAN E., GÖKMEN F. Ö.  
34th International Physics Congress on Turkish Physical Society, TPS 2018, Konacik-Bodrum, Türkiye, 5 - 09 Eylül 2018, cilt.2042
- XIII. **Remove methylene blue dye from waste water by using Poly (acrylic acid)/SiO<sub>2</sub> and Poly (acrylic acid-co-vinyl pyrrolidone)/SiO<sub>2</sub> nanocomposite hydrogels**  
GÖKMEN F. Ö., TEMEL S., YAMAN E.  
14th Nanoscience and Nanotechnology Conference (NanoTR-14), İzmir, Türkiye, 22 - 25 Eylül 2018
- XIV. **SiO<sub>2</sub> based nanocomposite hydrogels: A reusable super adsorbent for remove basic textile dyes**  
GÖKMEN F. Ö., TEMEL S., YAMAN E., ÖZBAY N.  
14th Nanoscience and Nanotechnology Conference (NanoTR-14), İzmir, Türkiye, 22 - 25 Eylül 2018
- XV. **Synthesis and characterization of TiO<sub>2</sub> copolymeric hydrogel: to investigate photocatalytic and antimicrobial behaviour**  
TEMEL S., GÖKMEN F. Ö., YAMAN E.  
34th Turkish Physical Society International Physical Congress, Muğla, Türkiye, 5 - 09 Eylül 2018
- XVI. **Fabrication of ZnO nanoflowers on poly acrylic acid hydrogels by chemical bath deposition technique**  
TEMEL S., GÖKMEN F. Ö., YAMAN E.

34th Turkish Physical Society International Physical Congress, Muğla, Türkiye, 5 - 09 Eylül 2018

- XVII. Preparation, Characterization and Swelling Behavior of PAA/PVP Copolymeric Hydrogel as a Drug Carrier Agent**  
GÖKMEN F. Ö., TEMEL S., YAMAN E., ÖZBAY N.  
12th International Symposium on Pharmaceutical Sciences, Türkiye, 26 - 29 Haziran 2018
- XVIII. Optimization of Poly (Acrylic Acid-Co-N-Vinyl 2-Pyrrolidone) / SiO<sub>2</sub> Nanocomposite Hydrogels for Drug Delivery Systems**  
GÖKMEN F. Ö., TEMEL S., YAMAN E.  
12th International Symposium on Pharmaceutical Sciences, Türkiye, 26 - 29 Haziran 2018
- XIX. Preparation of SiO<sub>2</sub> Doped Biodegradable Polyacrylic Acid Nanocomposite Hydrogels for Upgrading of Life Under Water**  
GÖKMEN F. Ö., YAMAN E., TEMEL S.  
12th International Symposium on Pharmaceutical Sciences, Türkiye, 26 - 29 Haziran 2018
- XX. Biocompatible TiO<sub>2</sub> Doped Hydrogel Production for Drug Delivery Systems**  
GÖKMEN F. Ö., YAMAN E., TEMEL S., ÖZBAY N.  
12th International Symposium on Pharmaceutical Sciences, Türkiye, 26 - 29 Haziran 2018
- XXI. Deposition of the II-IV Group Semiconductor Thin Films for Solar Cell Applications**  
TEMEL S., GÖKMEN F. Ö., YAMAN E.  
4th Anatolian Energy Symposium with International Participation AES 2018, Türkiye, 18 - 20 Nisan 2018
- XXII. Optimization of ZnS Semiconductor Thin Films for Solar Cell Applications**  
TEMEL S., YAMAN E., GÖKMEN F. Ö.  
4th Anatolian Energy Symposium with International Participation AES 2018, Türkiye, 18 - 20 Nisan 2018
- XXIII. Nanocomposite Hydrogel Production and Characterization for Dye Removal Applications in Wastewater Treatment**  
GÖKMEN F. Ö., YAMAN E., TEMEL S.  
4th Anatolian Energy Symposium with International Participation AES 2018, Türkiye, 18 - 20 Nisan 2018
- XXIV. Deposition and characterization of ZnSe nanocrystalline thin films**  
TEMEL S., GÖKMEN F. Ö., YAMAN E., Nebi M.  
Turkish Physical Society 33rd International Physics Congress, TPS 2017, Konacık-Bodrum, Türkiye, 6 - 10 Eylül 2017, cilt.1935
- XXV. Deposition and Characterization of ZnS Thin Films Prepared by Chemical Bath Deposition**  
TEMEL S., GÖKMEN F. Ö., YAMAN E.  
2nd International Conference on Applied Chemistry (ICAC-2), Mısır, 25 - 28 Kasım 2017
- XXVI. Synthesis and Characterization of Nanocomposite Hydrogels**  
GÖKMEN F. Ö., TEMEL S., YAMAN E.  
2nd International Conference on Applied Chemistry (ICAC-2), Mısır, 25 - 28 Kasım 2017
- XXVII. Environmentalist Production of ZnSe Thin Films via Chemical Bath Deposition**  
TEMEL S., GÖKMEN F. Ö., YAMAN E.  
International Congress of Health and Environment, Türkiye, 23 - 25 Ekim 2017
- XXVIII. Synthesis of ZnO Nanorods via Sol-gel Assisted Chemical Bath Deposition Method**  
TEMEL S., GÖKMEN F. Ö., YAMAN E.  
13th Nanoscience and Nanotechnology Conference, Türkiye, 22 - 25 Ekim 2017
- XXIX. Synthesis and Characterization of AA-nano TiO<sub>2</sub> Nanocomposite Hydrogels**  
GÖKMEN F. Ö., TEMEL S., YAMAN E.  
13th Nanoscience and Nanotechnology Conference, Türkiye, 22 - 25 Ekim 2017
- XXX. Production and Characterization of ZnX (X: O, S and Se) Semiconductor Thin Films by Chemical Bath Deposition Technique**  
TEMEL S., GÖKMEN F. Ö., YAMAN E.  
12th Conference on Sustainable Development of Energy, Water and Environment Systems, Hırvatistan, 4 - 08 Ekim 2017
- XXXI. Deposition and Characterization of ZnSe Nanocrystalline Thin Films**

- TEMEL S., GÖKMEN F. Ö., YAMAN E., NEBİ M.  
33th International Physics Congress, Turkish Physical Society, Türkiye, 6 - 10 Eylül 2017
- XXXII. **Elektrocatalytic Oxidation of Methanol Ethanol and Hydrogen Peroxide on Ni Activated Carbon Modified Glassy Carbon Electrode for Alkaline Fuel Cells**  
AYTAÇ A., GÖKMEN F. Ö., SANLI A. E.  
IV.European Conference on Renewable Energy Systems (ECRES 2016) 28-31 August 2016, İstanbul TURKEY, İstanbul, Türkiye, 28 - 31 Ağustos 2016, ss.76
- XXXIII. **Preparation and Characterization of Poly N vinyl pyrrolidone Composite Hydrogels Containing Hydrophilic nano SiO<sub>2</sub>**  
GÖKMEN F. Ö., PEKEL BAYRAMGİL N.  
UKK- 28th National Chemistry Congress, Mersin, Türkiye, 15 - 21 Ağustos 2016
- XXXIV. **Hydrophilic Nano SiO<sub>2</sub> based Composite Hydrogels for Biomedical Purposes**  
GÖKMEN F. Ö., PEKEL BAYRAMGİL N.  
Macro-2016,IUPAC, World Polymer Congress, İstanbul, Türkiye, 17 - 21 Temmuz 2016
- XXXV. **SURFACE MODIFICATION AND CHARACTERIZATION of NANO SiO<sub>2</sub> NANOPARTICLES FOR BIOLOGICAL APPLICATIONS**  
KANPARA E. C., GÖKMEN F. Ö., PEKEL BAYRAMGİL N.  
Macro-2016,IUPAC, World Polymer Congress, İstanbul, Türkiye, 17 - 21 Temmuz 2016
- XXXVI. **Preparation of Acid and Base Modified Nano Silica Particles for Medical Purposes**  
KANPARA E. C., GÖKMEN F. Ö., PEKEL BAYRAMGİL N.  
NanoTR-12, 12th International Nanoscience and Nanotechnology Conference, Kocaeli, Türkiye, 3 - 05 Haziran 2016
- XXXVII. **Preparation and Characterization of Poly N vinyl Pyrrolidone Based Nanofibers for the Release of Doxorubicine Used in Cancer Treatment**  
PEKEL BAYRAMGİL N., GÖKMEN F. Ö.  
NanoTR-12, 12th International Nanoscience and Nanotechnology Conference, Kocaeli, Türkiye, 3 - 05 Haziran 2016
- XXXVIII. **Using 2 HEC Films Included Nano SiO<sub>2</sub> for Removal of Phosphate and Nitrate Ions in Water**  
GÖKMEN F. Ö., ARPAK B., PEKEL BAYRAMGİL N.  
15th ICCE- 15th EuCheMS International Conference on Chemistry and the Environment, Leipzig, Almanya, 20 - 24 Eylül 2015
- XXXIX. **Polyvinylpyrrolidone PVP Poly Caprolactone PCL Blend Nanofibres for the Release of Doxorubicine**  
ÇİÇEK K., GÖKMEN F. Ö., PEKEL BAYRAMGİL N.  
11th ISOPS- International Symposium on Pharmaceutical Sciences, Ankara, Türkiye, 9 - 12 Haziran 2015
- XL. **2 HEC Films Which Included Nano HAP for Use in the Release of Analgesics**  
GÖKMEN F. Ö., PEKEL BAYRAMGİL N.  
5th APMAS- International Advances in Applied Physics and Materials Science Congress and Exhibition, Muğla, Türkiye, 16 - 19 Nisan 2015
- XLI. **Synthesis and Characterization of Polyacrylic Acid PAA and its SiO<sub>2</sub> Nanocomposite Hydrogels**  
GÖKMEN F. Ö., PEKEL BAYRAMGİL N.  
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