

## Lect. Esin EREN

### Personal Information

**Email:** esineren@sdu.edu.tr

**Address:** Süleyman Demirel Üniversitesi Yenilikçi Teknolojiler Araştırma ve Uygulama Merkezi Enerji Teknolojileri Araştırma Birimi Isparta

### Education Information

Doctorate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, Turkey 2011 - 2016

Post Graduate, Ege University, Güneş Enerjisi Enstitüsü, Güneş Enerjisi, Turkey 2005 - 2008

Under Graduate, Ege University, Fen Fakültesi, Kimya Bölümü, Turkey 2000 - 2005

### Research Areas

Chemistry, Physical Chemistry, Polymeric Materials, Natural Sciences

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

- I. **A Machine Learning Approach for Metal Oxide Based Polymer Composites as Charge Selective Layers in Perovskite Solar Cells**  
YILDIRIM M. O. , Gok E. C. , Hemasiri N. H. , EREN E., Kazim S., ÖKSÜZ A., Ahmad S.  
CHEMPLUSCHEM, vol.86, no.5, pp.785-793, 2021 (Journal Indexed in SCI)
- II. **Flexible nickel Prussian blue analogue films for electrochromic and H<sub>2</sub>O<sub>2</sub> sensing**  
EREN E., ÖKSÜZ A.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, no.18, pp.15434-15445, 2020 (Journal Indexed in SCI)
- III. **Comparison of Machine Learning Models on Performance of Single- and Dual-Type Electrochromic Devices**  
Gok E. C. , Yildirim M. O. , Eren E., Öksüz A.  
ACS OMEGA, vol.5, pp.23257-23267, 2020 (Journal Indexed in SCI)
- IV. **A practical approach for generation of WO<sub>3</sub>-based flexible electrochromic devices**  
EREN E., Aydın M. F. , Oksuz A. U.  
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, vol.24, no.4, pp.1057-1065, 2020 (Journal Indexed in SCI)
- V. **Effect of Electrolyte on Performance of Electrochromic Films Including Plasma Modified V2O5 Composite**  
EREN E., Yildiz A., Celik Cogal G., Sen Gursoy S., UYGUN E., ÖKSÜZ L., Uygun Oksuz A.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.29, no.6, pp.2237-2251, 2019 (Journal Indexed in SCI)
- VI. **Sterilization of Natural Rose Water with Nonthermal Atmospheric Pressure Plasma**  
DOGAN C., Oksuz A., Maslakci N. N. , EREN E., UYGUN E., ÖKSÜZ L.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.44, no.7, pp.6403-6410, 2019 (Journal Indexed in SCI)
- VII. **Improved performance and stability of solid state electrochromic devices with eco-friendly chitosan-based electrolytes**  
EREN E.

SOLID STATE IONICS, vol.334, pp.152-159, 2019 (Journal Indexed in SCI)

- VIII. **Enhanced electrochromic characteristics induced by Au/PEDOT/Pt microtubes in WO<sub>3</sub> based electrochromic devices**  
KARACA G. Y. , EREN E., COGAL G. C. , UYGUN E., ÖKSÜZ L., Oksuz A.  
OPTICAL MATERIALS, vol.88, pp.472-478, 2019 (Journal Indexed in SCI)
- IX. **High-performance Flexible Complementary Electrochromic Device Based on Plasma Modified WO<sub>3</sub> Nano Hybrids and V<sub>2</sub>O<sub>5</sub> Nanofilm with Low Operation Voltages**  
EREN E., ALVER C., Karaca G. Y. , UYGUN E., ÖKSÜZ L., Oksuz A.  
ELECTROANALYSIS, vol.30, no.9, pp.2099-2109, 2018 (Journal Indexed in SCI)
- X. **Enhanced electrochromic performance of WO<sub>3</sub> hybrids using polymer plasma hybridization process**  
EREN E., ALVER C., KARACA G. Y. , UYGUN E., OKSUZ A. U.  
SYNTHETIC METALS, vol.235, pp.115-124, 2018 (Journal Indexed in SCI)
- XI. **Electrochromic characteristics of radio frequency plasma sputtered WO<sub>3</sub> thin films onto flexible polyethylene terephthalate substrates**  
EREN E., KARACA G. Y. , KOC U., ÖKSÜZ L., OKSUZ A. U.  
THIN SOLID FILMS, vol.634, pp.40-50, 2017 (Journal Indexed in SCI)
- XII. **Plasma Modified V<sub>2</sub>O<sub>5</sub>/PEDOT Hybrid Based Flexible Electrochromic Devices**  
KARACA G. Y. , EREN E., ALVER C., KOC U., UYGUN E., ÖKSÜZ L., Oksuz A.  
ELECTROANALYSIS, vol.29, no.5, pp.1324-1331, 2017 (Journal Indexed in SCI)
- XIII. **Phase Segregation of PEDOT: PSS on Textile to Produce Materials of > 10 A mm<sup>(-2)</sup> Current Carrying Capacity**  
Otleý M. T. , Alamer F. A. , Guo Y., Santana J., Eren E., Li M., LOMBARDI J., Sotzing G. A.  
MACROMOLECULAR MATERIALS AND ENGINEERING, vol.302, no.3, 2017 (Journal Indexed in SCI)
- XIV. **Fast electrochromic response for RF-magnetron sputtered electrospun V<sub>2</sub>O<sub>5</sub> mat**  
EREN E., KARACA G. Y. , ALVER C., OKSUZ A. U.  
EUROPEAN POLYMER JOURNAL, vol.84, pp.345-354, 2016 (Journal Indexed in SCI)
- XV. **Electrospun plasma-modified chitosan/poly(ethylene terephthalate)/ferrocenyl-substituted N-acetyl-2-pyrazoline fibers for phosphate anion sensing**  
Maslakci N. N. , EREN E., Topel S. D. , Cin G. T. , OKSUZ A. U.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.133, no.17, 2016 (Journal Indexed in SCI)
- XVI. **Atmospheric pressure plasma treatment of wool fabric structures**  
EREN E., ÖKSÜZ L., KOMUR A. I. , BOZDUMAN F., Maslakci N. N. , OKSUZ A. U.  
JOURNAL OF ELECTROSTATICS, vol.77, pp.69-75, 2015 (Journal Indexed in SCI)
- XVII. **Evaluation of anthocyanin, a rose residue extract, for use in dye-sensitized solar cell**  
EREN E., Gok E. C. , Seyhan B. N. , Maslakci N. N. , Oksuz A.  
Asian Journal of Chemistry, vol.27, no.10, pp.3745-3748, 2015 (Journal Indexed in SCI Expanded)
- XVIII. **The Effect of Anionic Surfactant on the Properties of Polythiophene/Chitosan Composites**  
EREN E., ASLAN E., Oksuz A. U.  
POLYMER ENGINEERING AND SCIENCE, vol.54, no.11, pp.2632-2640, 2014 (Journal Indexed in SCI)
- XIX. **In situ investigation of surfactants' effect onto electrochemical synthesis and properties of polyfurans**  
Nohut N., EREN E., RAHHAL-IRABI L., OKSUZ A. U.  
JOURNAL OF MATERIALS SCIENCE, vol.49, no.7, pp.2754-2760, 2014 (Journal Indexed in SCI)
- XX. **Electrochemical Polymerization of 2-Thiophen-3-yl-malonic Acid for Biosensor Application**  
Celik G., EREN E., Uygun A.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.128, no.1, pp.636-641, 2013 (Journal Indexed in SCI)
- XXI. **A Solution-Processible, n-Dopable Polypyrrole Derivative**  
ÇAMURLU P., EREN E., Gultekin C.  
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.50, no.23, pp.4847-4853, 2012 (Journal Indexed in SCI)
- XXII. **Synthesis of poly(3,4-ethylenedioxythiophene)/titanium dioxide nanocomposites in the presence of**

### **surfactants and their properties**

EREN E., CELIK G., UYGUN A., TABACIAROVA J., OMASTOVA M.

SYNTHETIC METALS, vol.162, pp.1451-1458, 2012 (Journal Indexed in SCI)

### **XXIII. Synthesis and Photophysical Characterizations of Thermal -Stable Naphthalene Benzimidazoles**

Erten-Ela S., Ozcelik S., Eren E.

JOURNAL OF FLUORESCENCE, vol.21, no.4, pp.1565-1573, 2011 (Journal Indexed in SCI)

### **XXIV. Dye sensitized solar cell based on 1,8-naphthalene benzimidazole comprising carboxyl group**

ERTEN S., Eren E., ICLI S.

EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS, vol.38, no.3, pp.227-230, 2007 (Journal Indexed in SCI)

## **Articles Published in Other Journals**

### **I. RF plasma polymer modification of graphene oxide for micromotors with improved performance**

Karaca G. Y. , Cogal G. C. , EREN E., ÖKSÜZ L., ÖKSÜZ A.

EMERGENT MATERIALS, 2020 (Journal Indexed in ESCI)

### **II. Electrochemical Characteristics of Azo Dyes Doped Poly(3,4-Ethylenedioxythiophene)**

DÜLGERBAKİ Ç., kömür a. i. , EREN E., Tkach V. V. , Skrypska O. V. , Kushnir M. V. , Ivanushko Y. G. , Yagodynets P. I. , ÖKSÜZ A.

BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, vol.10, no.6, pp.6912-6925, 2020 (Journal Indexed in ESCI)

### **III. Li doped chitosan-based solid polymer electrolyte incorporated with PEDOT:PSS for electrochromic device**

EREN E.

Journal of the Turkish Chemical Society, Section A: Chemistry, pp.1413-1422, 2018 (Other Refereed National Journals)

### **IV. PLASMA MODIFIED WO<sub>3</sub> HYBRIDS WITH ALTERED DONOR GROUPS FOR FLEXIBLE ELECTROCHROMIC APPLICATIONS**

EREN E., ALVER C., ÖKSÜZ A.

Anadolu University Journal of Science and Technology-A Applied Sciences and Engineering, vol.19, no.2, pp.468-483, 2018 (Refereed Journals of Other Institutions)

### **V. Surface properties of radio frequency plasma treated wool and denim fabrics**

HALA A., KARACA G. Y. , EREN E., ÖKSÜZ L., BOZDUMAN F., KIRISTI M., KOMUR A. I. , Gulec A., OKSUZ A. U.

RESEARCH JOURNAL OF TEXTILE AND APPAREL, vol.21, no.2, pp.101-110, 2017 (Journal Indexed in ESCI)

## **Refereed Congress / Symposium Publications in Proceedings**

### **I. Bending Impact on Electrochemical Performance of Prussian blue-based hybrid thin films**

EREN E.

3rd International Eurasian Conference on Biological and Chemical Sciences, 19 - 20 March 2020

### **II. ELECTROCHEMICAL PERFORMANCE OF PANI-TiO<sub>2</sub>-BASED FLEXIBLE THIN FILM**

EREN E.

3. ULUSLARARASI GAP MATEMATİK - MÜHENDİSLİK - FEN VE SAĞ LIK BİLİMLERİ KONGRESİ, Turkey, 29 November - 01 December 2019

### **III. Antibacterial Effects Of Streptomycin (St) Loaded Nanofibers Named PMMA/PEO/N10-St and PMMA/PEO/N2-St**

ÇEVİKBAŞ H., ULUSOY S., NOHUT MAŞLAKCI N., EREN E., BİÇER A., TURGUT CİN G., ÖKSÜZ A.

2. EBAT Congress, 26 - 29 October 2019

### **IV. The Electrochemical Performance of Prussian blue-based hybrid flexible thin films for phosphate anion sensing applications**

EREN E., ÖKSÜZ A.

the 2nd Eurasia Biochemical Approaches Technologies Congress, Antalya, Turkey, 26 - 29 October 2019

- V. **A comparative characterization study of characteristics of plasma modified graphene oxides**  
ÖKSÜZ L., EREN E., Komur A. İ. , ÖKSÜZ A., Hamaguchi S.  
XXXIV International Conference on Phenomena in Ionized Gases (XXXIV ICPIG), Japan, 14 - 19 July 2019
- VI. **Antibacterial Activity of Wool Fabrics Treated With Different Azo Dyes**  
EREN E., NOHUT MAŞLAKCI N., ULUSOY S., CEVİKBAS H., TKACH V., YAGODYNETS P. I. , KOMUR A. İ. , ÖKSÜZ A.  
1. Eurasia Biochemical Approaches Technologies (1. EBAT) Congress, 27 - 30 October 2018
- VII. **Investigation of Antibacterial Properties of PMMA/PEO Fibers Loaded With Antimicrobial Agent**  
NOHUT MAŞLAKCI N., EREN E., CEVİKBAS H., BİÇER A., ULUSOY S., TURGUT CİN G., ÖKSÜZ A.  
1. Eurasia Biochemical Approaches Technologies (1. EBAT) Congress, 27 - 30 October 2018
- VIII. **ELECTROCHROMIC PROPERTIES OF PEDOT-BASED DUAL-TYPE ELECTROCHROMIC DEVICE INCLUDING CHITOSAN ELECTROLYTE**  
EREN E.  
International Conference on Physical Chemistry and Functional Materials, 19 - 21 June 2018
- IX. **Chitosan Electrolytes Incorporating PEDOT:PSS For Electrochromic Devices**  
EREN E.  
International Eurasian Conference on Biological and Chemical Science, 26 - 27 April 2018
- X. **A simple and beneficial design for WO<sub>3</sub> hybrids-based flexible electrochromic devices**  
EREN E., filiz m., ÖKSÜZ A.  
the spring 2018 meeting of to be cost action MP1308, 12 - 14 March 2018
- XI. **Plasma Modification of Different Metal Oxide for flexible electrochromic applications**  
EREN E., alver c., karaca yurdabak g., uygun e., ÖKSÜZ L., ÖKSÜZ A.  
The spring 2018 meeting of To-Be Cost Action MP1308, 12 - 14 March 2018
- XII. **Determination of the profit rate of plasma treated production in the food sector**  
GÖK e. c. , Uygun e., EREN E., ÖKSÜZ L., ÖKSÜZ A.  
59th Annual Meeting of the APS Division of Plasma Physics, 23 - 27 October 2017
- XIII. **Liquid plasma synthesis of carbon coated iron oxide particles**  
ÖKSÜZ A., hershkovitz n., EREN E., uygun e., celik cogal g., Karaca g., manolache s., gunasekaran s., sadak o., ÖKSÜZ L.  
APS meeting, 23 - 27 October 2017
- XIV. **Improved Performance of Flexible Electrochromic Devices With The Counter Electrode of V2O5 Thin Films**  
EREN E., alver C., karaca g. y. , uygun e., ÖKSÜZ L., ÖKSÜZ A.  
13 th Nanoscience Nanotechnology Conference, 22 - 25 October 2017
- XV. **The Effect of Conducting PEDOT Microtubes on WO<sub>3</sub>-based Flexible Electrochromic Devices**  
EREN E., cogal g. c. , uygun e., ÖKSÜZ L., ÖKSÜZ A.  
13th Nanoscience and Nanotechnology Conference, 22 - 25 October 2017
- XVI. **Deposition and Characterization of Titanium Dioxide Thin Films by Ultrasonic Spray Pyrolysis Method**  
KALELİ M., BAYRAM A. B. , PEKEROĞLU m., KOÇ M., Akyurekli S., YAVRU C. A. , EREN E.  
8TH INTERNATIONAL ADVANCED TECHNOLOGIES SYMPOSIUM, Elazığ, Turkey, 19 - 22 October 2017, pp.112
- XVII. **DETERMINATION OF OPTICAL AND ELECTROCHROMIC PROPERTIES OF PLASMA PREPARED V2O5/POLYFURAN HYBRIDS IN PRESENCE OF NaClO<sub>4</sub> ELECTROLYTE**  
YILDIZ A., EREN E., ÇELİK ÇOĞAL G., ŞEN GÜR SOY S., ÖKSÜZ A.  
The International Joint Science Congress of Materials and Polymers, Ohrid, Macedonia, 25 - 28 August 2017, pp.73
- XVIII. **The effect of conducting polymers in plasma modified WO<sub>3</sub> hybrids for flexible electrochromic applications**  
EREN E., Alver C., Karaca G. Y. , Uygun E., ÖKSÜZ L., ÖKSÜZ A.  
The International Joint Science Congress of Materials and Polymers, 25 - 28 August 2017
- XIX. **FLEXIBLE ELECTROCHROMIC DEVICES OF PLASMA MODIFIED WO<sub>3</sub> HYBRIDS INCLUDING ALTERED DONOR GROUPS**

- EREN E., Alver C., Karaca G. Y. , Uygun E., ÖKSÜZ L., ÖKSÜZ A.  
International Congress on Semiconductor Materials and Devices” (ICSMD-2017), 17 - 19 August 2017
- XX. **A STUDY ON FLEXIBLE SOLID STATE ELECTROCHROMIC DEVICES CONSISTING OF RF PLASMA MODIFIED WO<sub>3</sub> HYBRID**  
EREN E., alver c., karaca g. y. , uygun e., ÖKSÜZ L., ÖKSÜZ A.  
The 44 th international conference on plasma science (ICOPS 2017), 21 - 25 May 2017
- XXI. **Plasma Deposition of PEDOT onto metal oxides for electrochromic textile applications**  
EREN E., Alver c., karaca g. y. , ÖKSÜZ A.  
TO-BE Spring meeting 'Towards Oxide-Based Electronics', 3 - 05 April 2017
- XXII. **Electrochemical Properties of Plasma Modified V<sub>2</sub>O<sub>5</sub> in the presence of different electrolytes**  
cogal g. ç. , EREN E., yıldız a., ŞEN GÜR SOY S., ÖKSÜZ A.  
TO-BE Spring meeting 'Towards Oxide-Based Electronics', 3 - 05 April 2017
- XXIII. **Plasma Modified WO<sub>3</sub> Hybrids for High Efficient Flexible Devices**  
uygun e., EREN E., alver c., karaca g. y. , ÖKSÜZ L., ÖKSÜZ A.  
TO-BE Spring meeting 'Towards Oxide-Based Electronics', 3 - 05 April 2017
- XXIV. **Substitution effects in aniline on electrochromic properties of hybrid flexible device**  
ÖKSÜZ A., EREN E., Alver c., karaca g. y.  
253. American Chemical Society National Meeting, 2 - 06 April 2017
- XXV. **A STUDY ON FLEXIBLE SOLID STATE ELECTROCHROMIC DEVICES CONSISTING OF RF PLASMA MODIFIED WO<sub>3</sub> HYBRID**  
EREN E., Alver C., Karaca G. Y. , Uygun E., ÖKSÜZ L., ÖKSÜZ A.  
44th IEEE International Conference on Plasma Science (ICOPS), New-Jersey, United States Of America, 21 - 25 May 2017
- XXVI. **ELECTROCHROMIC CHARACTERISTICS AS A FUNCTION OF ELECTROLYTE ON PERFORMANCE OF ELECTROCHROMIC FILMS INCLUDING PLASMA MODIFIED V<sub>2</sub>O<sub>5</sub>, HYBRIDS**  
EREN E., Cogal G. C. , Yildiz A., ŞEN GÜR SOY S., ÖKSÜZ A.  
44th IEEE International Conference on Plasma Science (ICOPS), New-Jersey, United States Of America, 21 - 25 May 2017
- XXVII. **Effect of Ag Counter Electrode on WO<sub>3</sub> Based Flexible Electrochromic Devices**  
Cogal G. C. , EREN E., Karaca G. Y. , ÖKSÜZ A.  
COST TO-BE FALL MEETING 2016, 28 - 30 September 2016
- XXVIII. **Plasma Modified Hybrid Flexible Electrochromic Device Based on PANI derivative and WO<sub>3</sub>**  
EREN E., Alver C., Karaca G. Y. , ÖKSÜZ A.  
COST TO-BE FALL MEETING 2016, 28 - 30 September 2016
- XXIX. **Elastik Polidimetilsiloksan PDMS Elektrokromik Cihaz Eldesi**  
Karaca G. Y. , ÖKSÜZ A., ÖKSÜZ L., EREN E., Koç Ü., Alver C.  
VI. Ulusal Polimer Bilim ve Teknolojisi Kongresi, Turkey, 4 - 07 September 2016
- XXX. **Esnek PET Nanolif Elektroduna Dayalı Elektrokromik Özelliklerinin İncelenmesi**  
EREN E., KARACA YURDABAK g., Alver c., ÖKSÜZ A.  
VI. Ulusal Polimer Bilim ve Teknolojisi Kongresi, Turkey, 4 - 07 September 2016
- XXXI. **Esnek WO<sub>3</sub> Polianilin PANI Hibrit Filmlere dayalı Elektrokromik Cihaz Özelliklerinin İncelenmesi**  
Alver C., EREN E., Karaca G. Y. , ÖKSÜZ A.  
VI. Ulusal Polimer Bilim ve Teknolojisi Kongresi, Turkey, 4 - 07 September 2016
- XXXII. **Metal oxide film for nanofiber based electrochromic textile**  
EREN E., Karaca G. Y. , Alver C., ÖKSÜZ A.  
To be spring Meeting 2016 University of Warwick (MP1308 COST Action To-be), 6 - 08 April 2016
- XXXIII. **Metal oxide film for nanofiber based electrochromic film**  
EREN E., Yurdabak karaca g., alver c., ÖKSÜZ A.  
COST TO BE SPRING MEETING, 6 - 08 April 2016
- XXXIV. **Rf Plasma Modified WO<sub>3</sub> and V<sub>2</sub>O<sub>5</sub> Hybrid Electrochromic Devices**  
Karaca G. Y. , EREN E., alver c., ÖKSÜZ A.

To Be Spring Meeting 2016 University of Warwick (MP1308 Cost Action To-Be), 6 - 08 April 2016

- XXXV. **RF plasma modified WO<sub>3</sub> and V<sub>2</sub>O<sub>5</sub> hybride electrochromic device**  
yurdabak karaca g., EREN E., alver c., ÖKSÜZ A.  
COST TO BE SPRING MEETING, 6 - 08 April 2016
- XXXVI. **Plasma Modified Chitosan N Acetyl 2 Pyrazoline derivative nanofibers**  
G TURGUT C., S DEMİREL T., NOHUT MAŞLAKCI N., EREN E., ÖKSÜZ A.  
IEEE ICOPS 2015, Turkey, 24 - 28 May 2015
- XXXVII. **A study on characterization of polymer coated wool fabrics using plasma polymerization**  
EREN E., ÖKSÜZ L., komur A. I., FERHAT b., NOHUT MAŞLAKCI N., ÖKSÜZ A.  
IEEE ICOPS 2015, Turkey, 24 - 28 May 2015
- XXXVIII. **Tungsten Trioksit WO<sub>3</sub> Dayalı Elektrokromik Tekstil Üretimi ve Özelliklerinin İncelenmesi**  
EREN E., gözde yurdabak k., ferhat b., ÖKSÜZ A., ümran k.  
5. Fiziksel Kimya Kongresi, Konya, Turkey, 16 - 19 May 2015
- XXXIX. **Mıknatıs Saçtırma Tekniği ile Elastik Elektrokromik Sistemlerin Hazırlanması**  
ÖKSÜZ A., EREN E., gözde yurdabak k., ÖKSÜZ L., ferhat b., ümran k.  
5. Fiziksel Kimya Kongresi, Turkey, 16 - 19 May 2015
- XL. **Esnek Tungsten Trioksit WO<sub>3</sub> Film Üretimi ve Elektrokromik Özelliklerinin İncelenmesi**  
GÖZDE YURDABAK k., EREN E., ferhat b., ÖKSÜZ A., ÜMRAN k.  
5. Fiziksel Kimya Kongresi, Turkey, 16 - 19 May 2015
- XLI. **ELECTROSPUN FIBERS COATED ONTO PLASMA MODIFIED AND NONMODIFIED WOOL**  
Maslakci N. N., ÖKSÜZ A., ÖKSÜZ L., Bozduman F., EREN E.  
IEEE International Conference on Plasma Sciences (ICOPS), Belek, Turkey, 24 - 28 May 2015
- XLII. **Environmental Friendliness Dye Sensitive Solar Cell**  
elif ceren g., EREN E., Busranur S., NOHUT MAŞLAKCI N., uygun e., ÖKSÜZ A.  
IMEPS (International Middle East Plasma Science), 23 - 25 April 2014
- XLIII. **Template Synthesis Characterization and Investigation of Electrochromic Properties of Poly 3 4 ethylenedioxythiophene PEDOT**  
EREN E., ERDOĞAN t., ÖKSÜZ A.  
44th World Chemistry Congress, Turkey, 11 - 16 August 2013
- XLIV. **Şablon yöntemiyle poli 3 4 etilendioksitiyofen PEDOT sentezi karakterizasyonu ve elektrokromik özelliklerinin incelenmesi**  
EREN E., erdoğan t., ÖKSÜZ A.  
XIII. Ulusal Spektroskopî Kongre, Turkey, 15 - 18 May 2013
- XLV. **Yüzey Aktif Madde varlığında ve elektrokimyasal yöntemle sentezlenen polifuranın eşzamanlı olarak EQCM tekniği ile incelenmesi**  
NOHUT MAŞLAKCI N., EREN E., ÖKSÜZ A.  
XIII. Ulusal Spektroskopî Kongre, Turkey, 15 - 18 May 2013
- XLVI. **In situ Investigation of Surfactant Effect onto Electrochemical Synthesis and Properties of Polyfuran using EQCM**  
NOHUT MAŞLAKCI N., EREN E., ÖKSÜZ A.  
Chemical Physics Congress X TOBB University of Economics and Technology, Turkey, 10 - 12 October 2012
- XLVII. **Synthesis and Characterization of Poly 3 4 ethylenedioxythiophene Titanium Dioxide PEDOT TiO<sub>2</sub> Nanocomposite**  
EREN E., gamze c., ÖKSÜZ A.  
ISSP 2011-International Summer School on Polymers, Slovakia, 22 - 26 August 2011
- XLVIII. **Electrochemical Polymerization of 2 Thiophen 3 yl Malonic Acid for Biosensör Application**  
gamze c., EREN E., ÖKSÜZ A.  
ISSP 2011-International Summer School on Polymers, Slovakia, 22 - 26 August 2011
- XLIX. **1 8 Naftalen benzimidazol türevlerinin sentezleri fotokimyasal ve elektrokimyasal özelliklerinin incelenmesi**  
EREN E., ERTEN ELA Ş., siddik i.

XXI. Ulusal Kimya Kongresi, Turkey, 23 - 27 August 2007

**L. The fabrication of dye sensitized solar cells and investigation of their performance**

MUSTAFA EMRE a., ERTEN ELA Ş., EREN E., CAN M., SİDDİK i.

Nano TR3 Nanoscience and Nanotechnology Konferans, Turkey, 11 - 14 June 2007

**LI. 1 8 Naftalen imid amidin türevlerinin sentezleri ve teknolojik uygulamaları**

EREN E., ERTEN ELA Ş., siddik i.

XX. Ulusal Kimya Kongresi, Turkey, 4 - 08 September 2006

**LII. Electrochemistry and photophysical properties of 4 bromo 4 amino 1 8 Naphthalene benzamidine derivatives comprising carboxyl group**

EREN E., ERTEN ELA Ş., siddik i.

XX. Ulusal kimya kongresi, Turkey, 4 - 08 September 2006

**LIII. Dye sensitized Solar Cell Based on 1 8 naphthalene benzamidine comprising carboxyl group**

ERTEN ELA Ş., EREN E., siddik i.

European Conference on Hybrid and Organic Solar Cells, France, 28 - 30 June 2006

## Citations

Total Citations (WOS):210

h-index (WOS):10