

Assoc. Prof. MERVE ZEYREK ONGUN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: O-7228-2019

ScopusID: 57209645159

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Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2008 - 2013

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), Turkey 2006 - 2008

Undergraduate, Ege University, Faculty Of Science, Kimya Bölümü, Turkey 2001 - 2006

Dissertations

Doctorate, Development of nano material based sensors for determination of some-cation/anion in groundwater and complementary usage of ion chromatography, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Kimya (Dr), 2013

Postgraduate, Determination of anions in geothermal waters with ion chromatography and bicarbonate with spectroscopic method, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), 2008

Research Areas

Natural Sciences

Academic Titles / Tasks

Associate Professor, Dokuz Eylul University, İzmir Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri Bölümü, 2010 - Continues

Academic and Administrative Experience

Dokuz Eylul University, 2017 - 2020

Courses

KMT 4202 ALETLİ ANALİZ (Örgün Öğretim), Associate Degree, 2019 - 2020, 2015 - 2016

KMT 4103 GENEL KİMYA LABORATUARI 1 (Örgün ve İkinci Öğretim), Associate Degree, 2019 - 2020, 2018 - 2019, 2017

- 2018, 2016 - 2017, 2015 - 2016

KMT 4108 LABORATUAR TEKNIĐI VE GÜVENLİĐİ (İkinci Öğretim), Associate Degree, 2019 - 2020

KMT 4204 ALETLİ ANALİZ LABORATUARI (İkinci Öğretim), Associate Degree, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2012 - 2013

KMT 4101 GENEL KİMYA 1 (Örgün Öğretim), Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013

KMT 4201 ANALİTİK KİMYA (İkinci Öğretim), Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2012 - 2013

KMT 4102 GENEL KİMYA 2 (Örgün Öğretim), Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013

KMT 4213 KİMYASAL ANALİZDE TEMEL İLKELELER (Örgün ve İkinci Öğretim), Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013

KMT 4104 GENEL KİMYA LABORATUARI 2 (Örgün ve İkinci Öğretim), Associate Degree, 2019 - 2020, 2017 - 2018, 2015 - 2016

KMT 4202 ALETLİ ANALİZ (Örgün ve İkinci Öğretim), Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2012 - 2013

KMT 4101 GENEL KİMYA LABORATUARI 2 (Örgün ve İkinci Öğretim), Associate Degree, 2018 - 2019

KMT 4106 ORGANİK KİMYA 2 (İkinci Öğretim), Associate Degree, 2018 - 2019, 2016 - 2017, 2012 - 2013

KMT 4210 POLİMER KİMYASI VE TEKNOLOJİSİ (İkinci Öğretim), Associate Degree, 2017 - 2018

KMT 4203 ANALİTİK KİMYA LABORATUARI (Örgün Öğretim), Associate Degree, 2017 - 2018, 2015 - 2016

KMT 4104 GENEL KİMYA LABORATUARI 2 (Örgün Öğretim), Associate Degree, 2016 - 2017, 2014 - 2015, 2012 - 2013

KMT 4204 ALETLİ ANALİZ LABORATUVAR (İkinci Öğretim), Associate Degree, 2015 - 2016, 2014 - 2015

KMT 4215 SU KİMYASI VE ANALİZLERİ (İkinci Öğretim), Associate Degree, 2015 - 2016, 2013 - 2014

KMT 4103 GENEL KİMYA LABORATUARI 1 (Örgün Öğretim), Associate Degree, 2013 - 2014, 2012 - 2013

KMT 4105 ORGANİK KİMYA 1 (İkinci Öğretim), Associate Degree, 2013 - 2014

KMT 4203 ANALİTİK KİMYA LABORATUARI (Örgün ve İkinci Öğretim), Associate Degree, 2013 - 2014, 2012 - 2013

DÖK 4101 KİMYA(Örgün Öğretim), Associate Degree, 2013 - 2014, 2012 - 2013

KMT 2402-A TEKNİK PROJE (Örgün ve İkinci Öğretim), Associate Degree, 2011 - 2012, 2010 - 2011

KMT 1301-A GENEL KİMYA 1 (İkinci Öğretim), Associate Degree, 2011 - 2012, 2010 - 2011

KMT 2406-B ALETLİ ANALİZ LABORATUARI (Örgün Öğretim), Associate Degree, 2011 - 2012

KMT 2412-A POLİMER KİMYASI VE TEKNOLOJİSİ (Örgün Öğretim), Associate Degree, 2011 - 2012, 2010 - 2011

KMT 2403-A ANALİTİK KİMYA (İkinci Öğretim), Associate Degree, 2011 - 2012

KİM 3001-A KİMYA (Örgün Öğretim), Associate Degree, 2011 - 2012, 2010 - 2011

GTİ 1300-A GENEL VE TEKNİK İLETİŞİM (Örgün Öğretim), Associate Degree, 2011 - 2012, 2010 - 2011

KMT 1305-A ORGANİK KİMYA 1 (Örgün Öğretim), Associate Degree, 2011 - 2012, 2010 - 2011

KMT 2401-A MESLEKİ İNGİLİZCE (Örgün Öğretim), Associate Degree, 2011 - 2012

KMT 2405 A-B ANALİTİK KİMYA LABORATUARI (Örgün Öğretim), Associate Degree, 2011 - 2012

KMT 1302-A GENEL KİMYA 2 (İkinci Öğretim), Associate Degree, 2011 - 2012, 2010 - 2011

KMT 2404-A ALETLİ ANALİZ (Örgün ve İkinci Öğretim), Associate Degree, 2011 - 2012

KİM 2401-A MESLEKİ İNGİLİZCE (Örgün Öğretim), Associate Degree, 2010 - 2011

KMT 2404-A ALETLİ ANALİZ (Örgün Öğretim), Associate Degree, 2010 - 2011

KİM 2403-A ANALİTİK KİMYA (İkinci Öğretim), Associate Degree, 2010 - 2011

KMT 2406-B ALETLİ ANALİZ LABORATUVAR (Örgün ve İkinci Öğretim), Associate Degree, 2010 - 2011

KİM 2405 A-B ANALİTİK KİMYA LABORATUARI (Örgün Öğretim), Associate Degree, 2010 - 2011

KİM 2404-A ALETLİ ANALİZ (Örgün Öğretim), Associate Degree, 2009 - 2010

KİM 2402-A TEKNİK PROJE (Örgün Öğretim), Associate Degree, 2009 - 2010

KMT 1304 A-B GENEL KİMYA LABORATUARI 2 (Örgün ve İkinci Öğretim), Associate Degree, 2009 - 2010

KİM 2412-A POLİMER KİMYASI VE TEKNOLOJİSİ (Örgün ve İkinci Öğretim), Associate Degree, 2009 - 2010

KİM 2410-A ORGANİK ÜRETİM AŞAMALARI (Örgün Öğretim), Associate Degree, 2009 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Improved Optical Performance Analysis of YAG:Ce, NCS:Sm, and CAO:Mn Phosphors Physically Integrated with Metal-Organic Frameworks**
OĞUZLAR S., ZEYREK ONGUN M., KÖSE YAMAN P., EROL M.
ACS Omega, vol.9, no.42, pp.43219-43232, 2024 (SCI-Expanded)
- II. **Enhancing the O₂ sensitivity of [Ru(bpy)₃]²⁺ dye by incorporating SnO₂ and Ni:SnO₂**
OĞUZLAR S., ZEYREK ONGUN M.
Journal of Materials Science: Materials in Electronics, vol.35, no.13, 2024 (SCI-Expanded)
- III. **Modulation of optical oxygen sensitivity of H₂(TPP) by using Eu³⁺, Gd³⁺ and Yb³⁺ ions doped silicate-based bioactive glass powders immersed in simulated body fluid**
Oğuzlar S., Zeyrek Ongun M., Deliormanlı A. M.
OPTIK, vol.294, pp.171458, 2023 (SCI-Expanded)
- IV. **Effect on Improving CO₂ Sensor Properties: Combination of HPTS and γ-Fe₂O₃@ZnO Bioactive Glass**
OĞUZLAR S., Ongun M. Z., Deliormanlı A. M.
ACS OMEGA, vol.8, no.43, pp.40561-40571, 2023 (SCI-Expanded)
- V. **Improvement of the CO₂ Sensitivity: HPTS-Based Sensors along with Zn@SnO₂ and Sn@ZnO Additives**
ZEYREK ONGUN M., OĞUZLAR S.
ACS OMEGA, vol.8, no.32, pp.29635-29645, 2023 (SCI-Expanded)
- VI. **Development of high luminous efficacy red-emitting CaAl₁₂O₁₉:Mn⁴⁺ phosphor using Al- and K-doped ZnO NWs/CFs**
OĞUZLAR S., ZEYREK ONGUN M., Dogan Tunc I., EROL M.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.34, no.16, 2023 (SCI-Expanded)
- VII. **Investigation of the structural, photoluminescence properties, bioactivity and 5-fluorouracil delivery behavior of Dy³⁺ and Dy:Eu³⁺-doped bioactive glasses**
Deliormanlı A. M., Rahman B., Oğuzlar S., Zeyrek Ongun M.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.944, 2023 (SCI-Expanded)
- VIII. **Sensitivity to NH₃ Vapor: Synthesis and Characterization of Five New Coordination Polymers Based on 2,2-Dimethylglutaric Acid and Bis(triazole)-Derived Ligands**
Köse Yaman P., Demir Ö., Demir S., Ongun M., Oğuzlar S., Erer H.
ACS Omega, 2023 (SCI-Expanded)
- IX. **Modulation of the oxygen sensing properties of iridium (III) complexes by changing their substitution groups**
ZEYREK ONGUN M., Sahin M., OĞUZLAR S., Aytan T. A., Topal S. Z., ATILLA D.
INORGANICA CHIMICA ACTA, vol.543, 2022 (SCI-Expanded)
- X. **Effects of NiO, SnO₂, and Ni-doped SnO₂ semiconductor metal oxides on the oxygen sensing capacity of H₂TPP**
Zeyrek Ongun M., Oğuzlar S., Erol M.
ANALYTICA CHIMICA ACTA, vol.1229, 2022 (SCI-Expanded)
- XI. **Effects of Eu³⁺, Gd³⁺ and Yb³⁺ substitution on the structural, photoluminescence, and decay properties of silicate-based bioactive glass powders**
Deliormanlı A. M., Oğuzlar S., Zeyrek Ongun M.
JOURNAL OF MATERIALS RESEARCH, vol.37, no.2, pp.622-635, 2022 (SCI-Expanded)
- XII. **Tuning CO₂ sensing properties of HPTS along with newly synthesized coordination polymers (CPs)**
Zeyrek Ongun M., Oğuzlar S., Köse Yaman P., Öter Ö.
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.263, 2021 (SCI-Expanded)
- XIII. **Investigation of brightness and decay characteristics of YAG:Ce³⁺, Ca-α-Sialon:Eu²⁺ and CaAl₁₂O₁₉:Mn⁴⁺ phosphors incorporated with Ni-doped SnO₂ particles**

ZEYREK ONGUN M.

JOURNAL OF LUMINESCENCE, vol.240, 2021 (SCI-Expanded)

- XIV. **Energy harvesting nanogenerators: Electrospun beta-PVDF nanofibers accompanying ZnO NPs and ZnO@Ag NPs**
ZEYREK ONGUN M., OĞUZLAR S., Kartal U., YURDDAŞKAL M., CİHANBEĞENDİ Ö.
SOLID STATE SCIENCES, vol.122, 2021 (SCI-Expanded)
- XV. **Investigation of light induced interactions between ZnO nano-particles and red emitting phosphor blends of Eu²⁺/Dy³⁺ doped strontium aluminate and Eu²⁺ doped Ca-alpha-Sialon**
Oğuzlar S., Zeyrek Ongun M., Ertekin K.
JOURNAL OF LUMINESCENCE, vol.238, 2021 (SCI-Expanded)
- XVI. **Improvement of optical properties of one-dimensional CaAl₁₂O₁₉:Mn⁴⁺ phosphor via Er³⁺ and Tb³⁺ doped bioactive glass powders**
Oğuzlar S., Zeyrek Ongun M., Deliormanlı A. M.
Optical Materials, vol.117, 2021 (SCI-Expanded)
- XVII. **Characterization and optical gas sensing properties of BaSnO₃ synthesized by novel technique: flame spray pyrolysis**
Zeyrek Ongun M., Oğuzlar S., Akalın S. A., Yıldırım S.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.11, pp.15160-15170, 2021 (SCI-Expanded)
- XVIII. **Characterization of beta-PVDF-based nanogenerators along with Fe₂O₃ NPs for piezoelectric energy harvesting**
ZEYREK ONGUN M., PARALI L., OĞUZLAR S., Pechousek J.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, no.21, pp.19146-19158, 2020 (SCI-Expanded)
- XIX. **Synthesis, characterization and oxygen sensitivity of cyclophosphazene equipped -iridium (III) complexes**
ZEYREK ONGUN M., Sahin M., Akbal T., Avsar N., Karakas H., ERTEKİN K., ATILLA D., İBİŞOĞLU H., Topal S. Z.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.239, 2020 (SCI-Expanded)
- XX. **Tuning CO₂ sensitivity of HPTS by ZnO and ZnO@Ag nanoparticles**
ZEYREK ONGUN M.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.400, 2020 (SCI-Expanded)
- XXI. **Investigation of Spectral Interactions between a SrAl₂O₄:Eu²⁺, Dy³⁺ Phosphor and Nano-Scale TiO₂**
OĞUZLAR S., ZEYREK ONGUN M., KESKİN Ö. Y., Delice T. K., Azem F. A., BİRLİK I., ERTEKİN K.
JOURNAL OF FLUORESCENCE, vol.30, no.4, pp.839-847, 2020 (SCI-Expanded)
- XXII. **Zn(ii) phthalocyanines tetra substituted by aryl and alkyl azides: design, synthesis and optical detection of H₂S**
Albakour M., ZEYREK ONGUN M., Topal S. Z., GÜREK A. G.
NEW JOURNAL OF CHEMISTRY, vol.44, no.16, pp.6285-6296, 2020 (SCI-Expanded)
- XXIII. **Enhancement of piezoelectric energy-harvesting capacity of electrospun beta-PVDF nanogenerators by adding GO and rGO**
ZEYREK ONGUN M., OĞUZLAR S., DOLUEL E. C., Kartal U., YURDDAŞKAL M.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, no.3, pp.1960-1968, 2020 (SCI-Expanded)
- XXIV. **Usage of thiocyanate-based ionic liquid as new optical sensor reagent: Absorption and emission based selective determination of Fe (III) ions**
Coldur M., Oğuzlar S., Zeyrek Ongun M., Öter Ö., Yıldırım S.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.224, 2020 (SCI-Expanded)
- XXV. **Comparison of structural and optical properties of CeO₂ and CeO₂:Eu³⁺ nanoparticles synthesized**

via sol-gel and flame spray pyrolysis methods

Yıldırım S., Akalın S. A., Oğuzlar S., Zeyrek Ongun M., Ozer C., Erol M.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.30, no.14, pp.13749-13756, 2019 (SCI-Expanded)

- XXVI. **Improvement of the O-2 detection: Substituent's effect on Pd(II) meso-tetraphenylporphyrin probes**
ZEYREK ONGUN M., Topal S. Z., Yel Z., ERTEKİN K., Onal E., Hirel C.
SENSORS AND ACTUATORS B-CHEMICAL, vol.288, pp.316-324, 2019 (SCI-Expanded)
- XXVII. **Enhanced Luminescence Based Response towards pH in Highly Acidic Environments by the Silver Nanoparticles and Ionic Liquids**
Kabak H. E., ERTEKİN K., ZEYREK ONGUN M., DENİZALTI S.
JOURNAL OF FLUORESCENCE, vol.29, no.3, pp.549-567, 2019 (SCI-Expanded)
- XXVIII. **Novel axially-substituted silicon phthalocyanines with pH-modulated fluorescence ON/OFF switching properties**
Sahin B., ZEYREK ONGUN M., Topel S. Z., GÜREK A. G., ATILLA D.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.23, pp.469-476, 2019 (SCI-Expanded)
- XXIX. **Development of a nanoscale-based optical chemical sensor for the detection of NO radical**
ÖTER Ö., Aydın A. C., ZEYREK ONGUN M., Celik E.
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.4, pp.1056-1071, 2018 (SCI-Expanded)
- XXX. **Hyperporphyrin effect on oxygen sensitivity of free meso-tetraphenylporphyrins**
Topal S. Z., ZEYREK ONGUN M., Onal E., ERTEKİN K., HİREL C.
DYES AND PIGMENTS, vol.144, pp.102-109, 2017 (SCI-Expanded)
- XXXI. **Polyoxy-Derivatized Perylene-diimide as Selective Fluorescent Ag (I) Chemosensor**
ZEYREK ONGUN M., ERTEKİN K., NADEEM S., BİREL Ö.
JOURNAL OF FLUORESCENCE, vol.26, no.6, pp.2311-2320, 2016 (SCI-Expanded)
- XXXII. **Enhanced stability of ruthenium complex in ionic liquid doped electrospun fibers**
ZEYREK ONGUN M., ÖTER Ö., Sabancı G., ERTEKİN K., Celik E.
SENSORS AND ACTUATORS B-CHEMICAL, vol.183, pp.11-19, 2013 (SCI-Expanded)
- XXXIII. **Determination of Hg(II) at sub-nanomolar levels: A comparative study with nanofibrous materials and continuous thin films**
ZEYREK ONGUN M., ERTEKİN K., GÜNDOĞDU HIZLIATEŞ C., ÖTER Ö., Ergun Y., Celik E.
SENSORS AND ACTUATORS B-CHEMICAL, vol.181, pp.244-250, 2013 (SCI-Expanded)
- XXXIV. **Copper ion sensing with fluorescent electrospun nanofibers**
ZEYREK ONGUN M., ERTEKİN K., Gocmenturk M., Ergun Y., Suslu A.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.90, pp.177-185, 2012 (SCI-Expanded)
- XXXV. **An Ion Chromatography Method for the Determination of Major Anions In Geothermal Water Samples**
ZEYREK ONGUN M., ERTEKİN K., Kacmaz S., Seyis C., İnan S.
GEOSTANDARDS AND GEOANALYTICAL RESEARCH, vol.34, no.1, pp.67-77, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Enhancement of the O₂ Sensitivity: ZnO, CuO, and ZnO/CuO Hybrid Additives' Effect on Meso-Tetraphenylporphyrin Dye**
Zeyrek Ongun M.
Journal of the Turkish Chemical Society Section A: Chemistry, vol.9, no.2, pp.479-494, 2022 (Peer-Reviewed Journal)
- II. **Enhancement of Optical Oxygen Sensing Properties of [Ru(Bpy)₃]²⁺- Based Composites Along With Maghemite And Ionic Liquid**
Oğuzlar S., Zeyrek Ongun M.

E-journal of New World Sciences Academy, vol.14, no.4, pp.206-216, 2019 (Peer-Reviewed Journal)

III. Development of Highly Sensitive Metal-Free Tetraphenylporphyrin-Based Optical Oxygen Sensing Materials along with ILs and AgNPs

ZEYREK ONGUN M.

Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.15, no.1, pp.131-138, 2019 (Peer-Reviewed Journal)

Books & Book Chapters

- I. Metal oxide-based phosphors for chemical sensors**
Oğuzlar S., Zeyrek Ongun M.
in: Metal Oxides for Next Generation Optoelectronic, Photonic and Photovoltaic Applications, Vijay Kumar, Vishal Sharma, Hendrik Swart, Subrata Das, Editor, Elsevier Science, Oxford/Amsterdam, Cambridge, pp.220-240, 2024
- II. Metal oxide-based phosphors for chemical sensors**
OĞUZLAR S., ZEYREK ONGUN M.
in: Metal Oxides for Next Generation Optoelectronic, Photonic and Photovoltaic Applications, Vijay Kumar, Vishal Sharma, Hendrik Swart, Subrata Das, Editor, Elsevier, pp.191-228, 2024
- III. Fullerene and Fullerene Derivatives for Biosensing and Medical Diagnosis Applications**
ERTUĞRUL UYGUN H. D., OĞUZLAR S., ZEYREK ONGUN M.
in: Handbook of Functionalized Carbon Nanostructures, Ahmed Barhoum; Kalim Deshmukh, Editor, Springer Nature Switzerland AG, pp.1-40, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. Improvement of CO₂ response: Effect of SnO₂ and Ni-doped SnO₂ semiconductors on HPTS-based probes**
Zeyrek Ongun M., Oğuzlar S.
4th International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2022), Ankara, Turkey, 14 December 2022
- II. Enhancement of CO₂ response of HPTS along with TiO₂ NPs and TiO₂@Ag NPs**
Oğuzlar S., Zeyrek Ongun M.
ICASEM IV. Uluslararası Uygulamalı Bilimler, Mühendislik ve Matematik Kongresi, Tekirdağ, Turkey, 20 - 23 October 2022, pp.70
- III. Nanotanecek Bulunan Ortamlarda Oksijenin Spektroflorimetrik Tayini**
Turgut H., Öter Ö., Zeyrek Ongun M., Köse Yaman P.
12. Uluslararası Bilimsel Araştırmalar Kongresi, Ankara, Turkey, 17 December 2021
- IV. Enhancement of the Optical Efficiency of α -SiAlON:Eu²⁺ Phosphor by Using Nano-Scale ZnO_s**
ZEYREK ONGUN M.
International Science and Technology Conference ISTEK 2020, Cyprus (Kktc), 2 - 04 September 2020
- V. Enhancement of optical oxygen sensing properties of [Ru(bpy)₃]²⁺- based composites along with maghemite and ionic liquid**
OĞUZLAR S., ZEYREK ONGUN M.
2nd International Eurasian Conference on Biological and Chemical Sciences EurasianBioChem 2019, Ankara, Turkey, 28 - 29 June 2019
- VI. Pd(II) mesotetraphenylporphyrin probes for O₂ sensing Influence of the substituents**
ZEYREK ONGUN M., TOPAL S. Z., YEL Z., ERTEKİN K., ÖNAL E., Hirel C.
4th GTU Photodynamic Day, Turkey, 25 April 2019
- VII. Characterization of undoped and Eu³⁺ doped CeO₂ synthesized by sol-gel and flame spray pyrolysis methods**
Oğuzlar S., Zeyrek Ongun M., Akalın S. A., Yıldırım S.

International Eurasian Conference on Science, Engineering and Technology EurasianSciEnTech 2018, Ankara, Turkey, 22 - 23 November 2018

- VIII. **Fabrication and Characterization of High Sensitive Flexible β -PVDF Based Piezoelectric Nanogenerator**
Zeyrek Ongun M., Paralı L., Oğuzlar S., Yıldırım S.
1st International Balkan Congress IBCC 2018, Edirne, Turkey, 17 - 20 September 2018
- IX. **Enhancement of CO₂ Gas Sensitive HPTS Dye Response by Adding Coordination Polymers (CPs)**
ZEYREK ONGUN M., OĞUZLAR S., KÖSE P.
International Science and Academic Congress INSAC 2018, Konya, Turkey, 8 - 09 December 2018
- X. **Production and Characterization of Piezoelectric Electrospun β -PVDF Nanosensor Enhanced by Doping AgNPs**
ZEYREK ONGUN M.
3rd International Mediterranean Science and Engineering Congress IMSEC 2018, Adana, Turkey, 24 - 26 October 2018
- XI. **Structural and Luminescence Properties of Zinc Stannate Nanoparticles Synthesized via Sol-Gel and Flame Spray Pyrolysis Technique**
Akalm S. A., Oğuzlar S., Zeyrek Ongun M., Yıldırım S.
II. INTERNATIONAL UNIVERSITY INDUSTRY COOPERATION, RD AND INNOVATION CONGRESS, Manisa, Turkey, 14 - 15 November 2018
- XII. **Intensity and Lifetime Based Sensing of Fe (III) with Electrospun Nanosensors**
ZEYREK ONGUN M., ERTEKİN K., AYDOĞDU S., MERCAN D., ÖTER Ö., ÇETİNKAYA E., ÇELİK E.
8th Aegean Analytical Chemistry Days, İzmir, Turkey, 16 - 20 September 2012
- XIII. **Multiple sensing of Fe (III) and Hg (II) with embedded carbazole derivatives**
ZEYREK ONGUN M., ERTEKİN K., GÜNDOĞDU L., ÖTER Ö., ERGÜN M. Y., ÇELİK E.
8th Aegean Analytical Chemistry Days, İzmir, Turkey, 16 - 20 September 2012
- XIV. **Determination of Silver (I), Iron (III) and Mercury (II) Ions at Nanomolar and/or Sub-Nanomolar Levels With Nanofibrous Materials and Continuous Thin Films**
ZEYREK ONGUN M., ERTEKİN K., GÜNDOĞDU HIZLIATEŞ C., ÖTER Ö., ERGÜN M. Y., ÇELİK E.
8th Aegean Analytical Chemistry Days, İzmir, Turkey, 16 - 20 September 2012
- XV. **Selective sub nanomolar determination of Fe (III) ions with electrospun nanofibers**
ZEYREK ONGUN M., ERTEKİN K., GÖÇMENTÜRK M., ÖTER Ö., ERGÜN M. Y., ÇELİK E.
8th Aegean Analytical Chemistry Days, İzmir, Turkey, 16 - 20 September 2012
- XVI. **Flourescence Based Ag (I) Sensing With Elecrospun Nanofibers**
ZEYREK ONGUN M., ERTEKİN K., AYDOĞDU S., HAKLI Ö., İÇLİ S., SÜSLÜ A., ÇELİK E., CÖCEN Ü.
MOLECULAR SENSORS AND MOLECULAR LOGIC GATES, Antalya, Turkey, 22 - 25 October 2010
- XVII. **Ionic liquid doped Electrospun Polymer Composite Nanofibers For Hg (II) Sensing**
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