

Prof. Lütfi ÖKSÜZ

Personal Information

Office Phone: [+90 246 211 1796](tel:+902462111796)

Email: lutfioksuz@sdu.edu.tr

Web: <https://avesis.sdu.edu.tr/lutfioksuz>

Education Information

Doctorate, Wisconsin Üniversitesi Madison, -, -, Turkey Continues

Postgraduate, Abd Üniversty Of Wisconsin-Madison, -, -, Turkey Continues

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Nükleer Enerji Mühendisliği, Turkey Continues

Dissertations

Doctorate, pre sheath and sheath characteristics of dc unmagnetized plasma , University of Wisconsin-Madison, Engineering Of Physics, Engineering Of Physics, 2000

Research Areas

Physics, Gases, Plasmas and Electrical Discharges Physics, Physics of Plasmas, Natural Sciences

Academic Titles / Tasks

Professor, Suleyman Demirel University, Fen Edebiyat Fakültesi, Fızık, 2013 - Continues

Advising Theses

ÖKSÜZ L., Yüksek Frekans Atmosferik Basınç Plazma Sisteminin İncelenmesi, Doctorate, A.GULEC(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Catalytic Au/PEDOT/Pt micromotors for cancer biomarker detection and potential breast cancer treatment**
Yurdabak Karaca G., KURALAY F., BİNGÖL ÖZAKPINAR Ö., Uygun E., Koc U., ULUSOY S., Bosgelmez Tinaz G., Oksuz L., Uygun Oksuz A.
APPLIED NANOSCIENCE, vol.13, no.1, pp.367, 2023 (SCI-Expanded)
- II. **Paclitaxel-conjugated phenylboronic acid-enriched catalytic robots as smart drug delivery systems**
Demirbükten S. E., Karaca G. Y., Kaya H. K., ÖKSÜZ L., GARİPCAN B., ÖKSÜZ A., KURALAY F.
MATERIALS TODAY CHEMISTRY, vol.26, 2022 (SCI-Expanded)
- III. **Gold-Nickel Nanowires as Nanomotors for Cancer Marker Biodetection and Chemotherapeutic Drug Delivery**

Karaca G. Y., KURALAY F., Uygun E., Ozaltin K., Demirbuken S. E., GARİPCAN B., ÖKSÜZ L., ÖKSÜZ A.
ACS APPLIED NANO MATERIALS, vol.4, no.4, pp.3377-3388, 2021 (SCI-Expanded)

- IV. **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 (SCI-Expanded)
- V. **RF plasma modified W5O14 and MoS2 hybrid nanostructures and photovoltaic properties**
Ela S. E., REMSKAR M., Karaca G. Y., ÖKSÜZ L., UYGUN E., Oksuz A.
PARTICULATE SCIENCE AND TECHNOLOGY, vol.37, no.5, pp.612-618, 2019 (SCI-Expanded)
- 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 (SCI-Expanded)
- VII. **Enhanced electrochromic characteristics induced by Au/PEDOT/Pt microtubes in WO3 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 (SCI-Expanded)
- VIII. **RF plasma-enhanced graphene-polymer composites as hole transport materials for perovskite solar cells**
Cogal S., CALÍO L., Cogal G. C., SALADO M., KAZİM S., ÖKSÜZ L., AHMAD S., Oksuz A. U.
POLYMER BULLETIN, vol.75, no.10, pp.4531-4545, 2018 (SCI-Expanded)
- IX. **High-performance Flexible Complementary Electrochromic Device Based on Plasma Modified WO3 Nano Hybrids and V2O5 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 (SCI-Expanded)
- X. **Preparation of self-propelled Cu-Pt micromotors and their application in miRNA monitoring**
ÖKSÜZ L., Karaca G. Y., Kuralay F., UYGUN E., Koc I. U., Oksuz A. U.
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.6, pp.1744-1755, 2018 (SCI-Expanded)
- XI. **Ibuprofen and acetylsalicylic acid loaded electrospun PVP-dextran nanofiber mats for biomedical applications**
Maslakci N. N., ULUSOY S., UYGUN E., CEVIKBAS H., ÖKSÜZ L., Can H. K., OKSUZ A. U.
POLYMER BULLETIN, vol.74, no.8, pp.3283-3299, 2017 (SCI-Expanded)
- XII. **Electrochromic characteristics of radio frequency plasma sputtered WO3 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 (SCI-Expanded)
- XIII. **RF sputtered electrochromic wool textile in different liquid media**
Koc U., Karaca G. Y., Oksuz A. U., ÖKSÜZ L.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.28, no.12, pp.8725-8732, 2017 (SCI-Expanded)
- XIV. **Plasma Modified V2O5/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 (SCI-Expanded)
- XV. **Biosensing applications of titanium dioxide coated graphene modified disposable electrodes**
KURALAY F., Tunc S., Bozduman F., ÖKSÜZ L., ÖKSÜZ A.
TALANTA, vol.160, pp.325-331, 2016 (SCI-Expanded)
- XVI. **Preliminary Study of a Hybrid Helicon-ECR Plasma Source**
Hala A. M., ÖKSÜZ L., Zhu Ximing Z. X.
PLASMA SCIENCE & TECHNOLOGY, vol.18, no.8, pp.832-836, 2016 (SCI-Expanded)
- XVII. **Use of polyfuran/chitosan composite films deposited by atmospheric pressure plasma glow discharge as glucose sensors**

- Turkaslan B., AKTAN T., ÖKSÜZ L., Oksuz A.
Asian Journal of Chemistry, vol.28, no.5, pp.941-946, 2016 (SCI-Expanded)
- XVIII. **Plasma nanocoating of thiophene onto MoS₂ nanotubes**
Turkaslan B., DİKMEN S., ÖKSÜZ L., Oksuz A. U.
APPLIED SURFACE SCIENCE, vol.357, pp.1558-1564, 2015 (SCI-Expanded)
- XIX. **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 (SCI-Expanded)
- XX. **Radio Frequency Titanium Plasma Modified Vanadium Oxide for Electrochromic Applications**
Ongerer G., Sancak M., Kiristi M., Oksuz A. U., ÖKSÜZ L.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.25, no.5, pp.1129-1136, 2015 (SCI-Expanded)
- XXI. **Electrospun Fibers of Chemically Modified Chitosan for in Situ Investigation of the Effect on Biofilm Formation with Quartz Crystal Microbalance Method**
Maslakci N. N., AKALIN R. B., ULUSOY S., ÖKSÜZ L., OKSUZ A. U.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.54, no.33, pp.8010-8018, 2015 (SCI-Expanded)
- XXII. **Poly(vinylferrocene)/Cellulose Acetate Fibers: A New Approach for In-Situ Monitoring Process Through QCM and Electrospinning Studies**
Maslakci N. N., KIRISTI M., Kuralay F., ÖKSÜZ L., OKSUZ A. U.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.25, no.3, pp.544-550, 2015 (SCI-Expanded)
- XXIII. **Electrochromic properties of electrochemically synthesized porphyrin/3-substituted polythiophene copolymers**
Cogal S., KIRIŞTI M., Ocaoglu K., ÖKSÜZ L., OKSUZ A. U.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.31, pp.551-560, 2015 (SCI-Expanded)
- XXIV. **A Comparison Study of Microwave and Radio Frequency Plasma Polymerized PEDOT Thin Films**
Kiristi M., Bozduman F., Oksuz A. U., Hala A., ÖKSÜZ L.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.52, no.2, pp.124-129, 2015 (SCI-Expanded)
- XXV. **Performance evaluation of nano-modified asphalt concrete**
Karahancer S. S., KIRISTI M., TERZİ S., SALTAN M., Oksuz A. U., ÖKSÜZ L.
CONSTRUCTION AND BUILDING MATERIALS, vol.71, pp.283-288, 2014 (SCI-Expanded)
- XXVI. **Poly(3,4-ethylenedioxythiophene) coated chitosan modified disposable electrodes for DNA and DNA-drug interaction sensing**
KURALAY F., Demirci S., Kiristi M., ÖKSÜZ L., ÖKSÜZ A.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.123, pp.825-830, 2014 (SCI-Expanded)
- XXVII. **Solid State Electrochromic Devices of Plasma Modified WO₃ Hybrids**
Kiristi M., Bozduman F., ÖKSÜZ A., ÖKSÜZ L., Hala A.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.53, no.41, pp.15917-15922, 2014 (SCI-Expanded)
- XXVIII. **Radio frequency-H₂O plasma treatment on indium tin oxide films produced by electron beam and radio frequency magnetron sputtering methods**
Kiristi M., Gulec A., Bozduman F., ÖKSÜZ L., Oksuz A. U., Hala A.
THIN SOLID FILMS, vol.567, pp.32-37, 2014 (SCI-Expanded)
- XXIX. **Combination of grey cotton fabric desizing and gassing treatments with a plasma aided process**
Bulut M., DEVİRENOĞLU C., ÖKSÜZ L., BOZDOĞAN F., TEKE E.
JOURNAL OF THE TEXTILE INSTITUTE, vol.105, no.8, pp.828-841, 2014 (SCI-Expanded)
- XXX. **Complementary all Solid State Electrochromic Devices Using Carboxymethyl Cellulose Based Electrolytes**
KIRIŞTI M., BOZDUMAN F., Gulec A., TEKE E., ÖKSÜZ L., Oksuz A. U., Deligoz H.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.51, no.6, pp.481-487, 2014 (SCI-Expanded)

- XXXI. **Efficacy of endodontic applications of ozone and low-temperature atmospheric pressure plasma on root canals infected with *Enterococcus faecalis***
KAYA B., KEÇECİ A. D., GULDAS H. E., CETIN E. S., OZTURK T., ÖKSÜZ L., BOZDUMAN F.
LETTERS IN APPLIED MICROBIOLOGY, vol.58, no.1, pp.8-15, 2014 (SCI-Expanded)
- XXXII. **Electrospun chitosan/PEDOT nanofibers**
KIRISTI M., OKSUZ A., ÖKSÜZ L., ULUSOY S.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.33, no.7, pp.3845-3850, 2013 (SCI-Expanded)
- XXXIII. **EFFECTS OF ATMOSPHERIC PRESSURE PLASMA TREATMENTS ON VARIOUS PROPERTIES OF LEATHERS**
ACIKEL S. M., ASLAN A., ÖKSÜZ L., AKTAN T.
JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION, vol.108, no.7, pp.266-276, 2013 (SCI-Expanded)
- XXXIV. **Plasma Nanocoating of Thiophene onto TiO₂ Nanoparticles**
ÖKSÜZ A., MANOLACHE S., ÖKSÜZ L., HERSHKOWITZ N.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.52, no.19, pp.6610-6616, 2013 (SCI-Expanded)
- XXXV. **Optical studies of dielectric barrier plasma aerodynamic actuators**
GULEC A., OKSUZ L., HERSHKOWITZ N.
PLASMA SOURCES SCIENCE & TECHNOLOGY, vol.20, no.4, 2011 (SCI-Expanded)
- XXXVI. **Negative plasma potential in unmagnetized DC electropositive plasma with conducting walls**
ÖKSÜZ L., HERSHKOWITZ N.
PHYSICS LETTERS A, vol.375, no.22, pp.2162-2165, 2011 (SCI-Expanded)
- XXXVII. **Coaxial rf atmospheric pressure dielectric barrier air-helium plasma characteristics**
GULEC A., ÖKSÜZ L., HERSHKOWITZ N.
PHYSICS LETTERS A, vol.375, no.16, pp.1733-1736, 2011 (SCI-Expanded)
- XXXVIII. **Characteristics of nanocomposite films deposited by atmospheric pressure uniform RF glow plasma**
UYGUN A., ÖKSÜZ L., YAVUZ A. G., GULEC A., SEN S.
CURRENT APPLIED PHYSICS, vol.11, no.2, pp.250-254, 2011 (SCI-Expanded)
- XXXIX. **RF hydrazine plasma modification of chitosan for antibacterial activity and nanofiber applications**
UYGUN A., KIRISTI M., ÖKSÜZ L., MANOLACHE S., ULUSOY S.
CARBOHYDRATE RESEARCH, vol.346, no.2, pp.259-265, 2011 (SCI-Expanded)
- XL. **Fluorescence study of protein immobilization on poly(4-hydroxyphenyl thiophene-3-carboxylate)-coated electrodes**
UYGUN A., ÖKSÜZ L., CHOWDHURY S., BHETHANABOTLA V.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.30, no.6, pp.868-872, 2010 (SCI-Expanded)
- XLI. **Plasma modification of the anion-exchange membrane and its influence on fluoride removal from water**
ALKAN E., KIR E., ÖKSÜZ L.
SEPARATION AND PURIFICATION TECHNOLOGY, vol.61, no.3, pp.455-460, 2008 (SCI-Expanded)
- XLII. **Decontamination of grains and legumes infected with *Aspergillus* spp. and *Penicillium* spp. by cold plasma treatment**
SELÇUK M., ÖKSÜZ L., BASARAN P.
BIORESOURCES TECHNOLOGY, vol.99, no.11, pp.5104-5109, 2008 (SCI-Expanded)
- XLIII. **Elimination of *Aspergillus parasiticus* from nut surface with low pressure cold plasma (LPCP) treatment**
BASARAN P., BASARAN-AGGUL N., ÖKSÜZ L.
FOOD MICROBIOLOGY, vol.25, no.4, pp.626-632, 2008 (SCI-Expanded)
- XLIV. **Ion acoustic wave studies near the presheath/sheath boundary in a weakly collisional argon/xenon plasma**
OKSUZ L., LEE D., HERSHKOWITZ N.
PLASMA SOURCES SCIENCE & TECHNOLOGY, vol.17, no.1, 2008 (SCI-Expanded)

- XLV. Exact solution for the generalized Bohm criterion in a two-ion-species plasma**
Lee D., Oksuz L., Hershkowitz N.
PHYSICAL REVIEW LETTERS, vol.99, no.15, 2007 (SCI-Expanded)
- XLVI. Atmospheric pressure plasma deposition of polyfuran**
Gok A., Oksuz L.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.44, pp.1095-1099, 2007 (SCI-Expanded)
- XLVII. Laser-induced fluorescence measurements of argon ion velocities near the sheath boundary of an argon-xenon plasma**
Lee D., Severn G., Oksuz L., Hershkowitz N.
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.39, no.24, pp.5230-5235, 2006 (SCI-Expanded)
- XLVIII. Preparation of poly (2-chloroaniline) membrane and plasma surface modification**
Kir E., Oksuz L., HELHEL S.
APPLIED SURFACE SCIENCE, vol.252, no.10, pp.3574-3579, 2006 (SCI-Expanded)

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, vol.3, pp.613-624, 2020 (ESCI)
- II. Platinum-free counter electrodes of plasma-modified hybrid nanomaterials for dye-sensitised solar cells**
Erten-Ela S., Kiristi M., Varlec A., Bozduman F., Remskar M., ÖKSÜZ L., Oksuz A. U.
INTERNATIONAL JOURNAL OF SUSTAINABLE ENERGY, vol.37, no.7, pp.640-653, 2018 (ESCI)
- III. 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 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. 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
- II. Fuel Free Magnetic Nanomotors**
ÖKSÜZ A., ÖKSÜZ L., KURALAY F., Yurdabak Karaca G., Uygun E.
EBAT, 26 - 31 October 2018
- III. Plazma Uygulamasının ratlarda palatinal mukozadaki yara iyileşmesine etkisi: Bir pilot çalışma**
KAHRAMAN M., ÖZTÜRK TONGUÇ M., ÇİRİŞ İ. M., ÖKSÜZ L., ASAN O. N., YETKİN AY Z.
TDB 24. Ulusal Diş Hekimliği Kongresi, 27 - 30 September 2018
- IV. Plasma potential from positive to negative**
ÖKSÜZ L.
28th Symposium on Plasma Physics and Technology, 18 - 21 June 2018
- V. 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
- VI. Elektrospin Yöntemi ile Üretilen İlaç Yüklü PVP/Dextran Fiberlerinin Antibakteriyel Etkisi**
NOHUT MAŞLAKCI N., ULUSOY S., ÇEVİKBAŞ H., KAPLAN CAN H., ÖKSÜZ L., UYGUN E., ÖKSÜZ A.
19. Uluslararası Katılımlı Ulusal Biyoteknoloji Kongresi, Eskişehir, Turkey, 1 - 03 December 2017
- VII. 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
- VIII. **surface modification of nonwoven fabrics by atmospheric brush plasma**
ÖKSÜZ L., uygun e., Bozduman F., asan o. n., ÖKSÜZ A.
APS meeting, 23 - 27 October 2017
- IX. **Liquid plasma synthesis of carbon coated iron oxide particles**
ÖKSÜZ A., hershkowitz n., EREN E., uygun e., celik cogal g., Karaca g., manolache s., gunasekaran s., sadak o., ÖKSÜZ L.
APS meeting, 23 - 27 October 2017
- X. **Atmospheric plasma blade for surgical purposes**
ÖKSÜZ L., Karaca g., özkaptan e., uygun e., ÖKSÜZ A.
APS meeting, 23 - 27 October 2017
- XI. **magnetic nanomotor fabrication by plasma coating method and its biological application**
ÖKSÜZ L., Karaca g., uygun e., ÖKSÜZ A.
APS meeting, 23 - 27 October 2017
- XII. **The Effect of Conducting PEDOT Microtubes on WO₃-based Flexible Electrochromic Devices**
EREN E., cogal g. c., uygun e., ÖKSÜZ L., ÖKSÜZ A.
13th Nanoscience and Nanotechnology Conference, 22 - 25 October 2017
- XIII. **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
- XIV. **The effect of conducting polymers in plasma modified WO₃ 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
- XV. **FLEXIBLE ELECTROCHROMIC DEVICES OF PLASMA MODIFIED WO₃ 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
- XVI. **Effect of atmospheric pressure plasma on coloring natural leather**
ASLAN A., AÇIKEL S. M., ÖKSÜZ L., AKTAN T.
AFIFINITY 2017, 25 - 29 June 2017
- XVII. **A STUDY ON FLEXIBLE SOLID STATE ELECTROCHROMIC DEVICES CONSISTING OF RF PLASMA MODIFIED WO₃ 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
- XVIII. **RF MAGNETRON SPUTTERED MAAGNETIC NANOWIRE**
Karaca g., uygun e., ÖKSÜZ A., ÖKSÜZ L.
ICOPS 44TH, 21 - 25 May 2017
- XIX. **TEMPORAL AND SPATIAL OF INDUCTIVELY COUPLED ATMOSPHERIC PRESSURE PLASMA**
GÜLEÇ A., BOZDUMAN F., ÖKSÜZ L., HALA A.
ICOPS 44YH, 21 - 25 May 2017
- XX. **Denim Bleaching by cnc controlled plasma jet method**
uygun e., Bozduman F., Karaca g., ÖKSÜZ A., ÖKSÜZ L.
ICOPS 44TH, 21 - 25 May 2017
- XXI. **INVESTIGATING A LOWER LIMIT FOR THE MAGNETIC FIELD IN A TWT**
HAYTURAL N., ÖKSÜZ L., GÜLEÇ A., BOZDUMAN F., YEŞİLTEPE H.
ICOPS 44TH, 21 - 25 May 2017
- XXII. **WS₂ nanotellerinin RF-rotating plazma modifikasyonu ve özelliklerinin incelenmesi**
ÇOĞAL S., Çelik Coğal G., ÖKSÜZ L., REMSKAR M., ÖKSÜZ A.

Uluslararası Katılımlı VI. Ulusal Anorganik Kimya Kongresi, Burdur, Turkey, 18 - 21 May 2017

- XXIII. **Plasma Modified WO₃ 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. **miRNA sensing plasma modified magnetic nanomotor**
ÖKSÜZ L., Karaca g., KURALAY F., Koc U., uygun e., ÖKSÜZ A.
253.ACS meeting, 2 - 06 April 2017
- XXV. **miRNA sensing plasma modified magnetic micromotor**
ÖKSÜZ L., Karaca G. Y., KURALAY F., Koc U., Uygun E., Uygun A.
253rd National Meeting of the American-Chemical-Society (ACS) on Advanced Materials, Technologies, Systems, and Processes, San-Francisco, Costa Rica, 2 - 06 April 2017, vol.253
- XXVI. **Plasma modified catalytic micromotors**
ÖKSÜZ L., Karaca g., uygun e., Koc U., KURALAY F., ÖKSÜZ A.
253.ACS meeting, 2 - 06 April 2017
- XXVII. **TWT Support Road Coating by MPCVD**
Bozduman F., Haytural N., Gulec A., Asan O. N., ÖKSÜZ L.
44th IEEE International Conference on Plasma Science (ICOPS), New-Jersey, United States Of America, 21 - 25 May 2017
- XXVIII. **RF MAGNETRON SPUTTERED MAGNETIC NANOWIRE**
Karaca G. Y., Uygun E., ÖKSÜZ A., ÖKSÜZ L.
44th IEEE International Conference on Plasma Science (ICOPS), New-Jersey, United States Of America, 21 - 25 May 2017
- XXIX. **A STUDY ON FLEXIBLE SOLID STATE ELECTROCHROMIC DEVICES CONSISTING OF RF PLASMA MODIFIED WO₃ 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
- XXX. **TEMPORAL AND SPATIAL ANALYSIS OF INDUCTIVELY COUPLED ATMOSPHERIC PRESSURE PLASMA**
Gulec A., Bozduman F., ÖKSÜZ L., Hala A. M.
44th IEEE International Conference on Plasma Science (ICOPS), New-Jersey, United States Of America, 21 - 25 May 2017
- XXXI. **Plasma enhanced preparation of graphene composites with polyaniline and polypyrrole**
ÖKSÜZ A., ÇOĞAL S., cogal g., UYGUN E., ÖKSÜZ L.
APS, 31 October - 04 November 2016
- XXXII. **Investigation of the effects of electron plasma frequency on the operation of a helix TWT**
ÖKSÜZ L., haytural n., uygun e., bozduman f., GÜLEÇ A.
aps, 31 October - 04 November 2016
- XXXIII. **Plasma Enhanced preparation of graphene polyfuran nanocomposites**
celik cogal g., ÇOĞAL S., KURALAY F., Tunc S., Omastova M., Micusik M., ÖKSÜZ L., SALTAN M., ÖKSÜZ A.
3.International congress on biosensors, 5 - 07 October 2016
- XXXIV. **Plasma enhanced preparation of graphene polyfuran nanocomposites**
cogal g., cogal s., KURALAY F., tunc s., omastava m., mijusik m., ÖKSÜZ L., ÖKSÜZ A.
international congress on biosensors, 5 - 07 October 2016
- XXXV. **miRNA sensing self propelled hybrid micromotors**
ÖKSÜZ L., Dukar N., KURALAY F., Yurdabak Karaca G., Koc U., Uygun E., ÖKSÜZ A.
3.International Congress on Biosensors, 5 - 07 October 2016
- XXXVI. **mirrna sensin hybrid nanomotors**
ÖKSÜZ L., dukar n., KURALAY F., yurdabak g., koc u., uygun e., ÖKSÜZ A.
international congress on biosensors, 5 - 07 October 2016
- XXXVII. **catalytical micromotors**
ÖKSÜZ A., KURALAY F., yurdabak g., UYGUN E., ÖKSÜZ L., BOZDUMAN F.

satf2016, 19 - 23 September 2016

- XXXVIII. **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
- XXXIX. **nanomotor fabrication**
ÖKSÜZ L.
nanotr, 3 - 05 June 2016
- XL. **multi walled carbon nanotubes based micromotors**
koc u., ÖKSÜZ L., yurdabak g., uygun e., KURALAY F., bozduman f., ÖKSÜZ A.
nanotr, 3 - 05 June 2016
- XLI. **CATALYTIC PROPELLED W5014 NANOMOTORS**
YURDABAK G., KOC U., UYGUN E., ÖKSÜZ L., KURALAY F., BOZDUMAN F., REMSKAR M., ÖKSÜZ A.
NANOTR, 3 - 05 June 2016
- XLII. **Multiwalled carbon nanotubes based catalytic micromotors**
koc u., ÖKSÜZ L., Yurdabak Karaca G., Uygun E., KURALAY F., bozduman f., ÖKSÜZ A.
Nanotr-12, 3 - 05 June 2016
- XLIII. **Atmospheric Pressure Plasma Pen for Surgical Purposes**
Gulec A., ÖKSÜZ L., Aydin M. A., ALTUNTAŞ S. H., Yesiltepe H., Koc U., Bozduman F.
20th National Biomedical Engineering Meeting (BIYOMUT), İzmir, Turkey, 3 - 05 November 2016
- XLIV. **DYE SENSITIZED SOLAR CELL PRODUCED WHIT PLASMA COATING METHOD**
Koç Ü., ÇİÇEK BEZİR N., ÖKSÜZ L., ÖKSÜZ A., Yurdabak Karaca G., Bozduman F.
ICOPS, Antalya-Turkey, 24 - 28 May 2015
- XLV. **SURFACE PROPERTIES OF PLASMA TREATED WOOL AND DENIM**
Yurdabak Karaca G., ÖKSÜZ L., Bozduman F., Kirişti M., Kömür A. i., ÖKSÜZ A.
ICOPS, Antalya-Turkey, 24 - 28 May 2015
- XLVI. **Corrosion resistance of SiO₂ thin film coated biomedical Ti 13Nb 13Zr titanium alloy by E Beam**
Özaltın K., Bozduman F., Zwolinska M., Kulczyk M., ÖKSÜZ A., ÖKSÜZ L., Lewandowska M.
ICOPS, Antalya-Turkey, 24 - 28 May 2015
- XLVII. **PLASMA TREATMENT ON İNDİUM TİN OXİDE ANODE SURFACE FOR ORGANİC LİGHT EMİTTİNG DİODES**
Koç Ü., ÖKSÜZ L., Yurdabak Karaca G., Bozduman F., ÖKSÜZ A.
ICOPS, Antalya-Turkey, 24 - 28 May 2015
- XLVIII. **ATMOSPHERIC PEN PLASMA STERILIZING HELP PAPER SURFACE**
Kömür A. İ., Bozduman F., ULUSOY S., ÖKSÜZ L., Kirişti M., ÖKSÜZ A.
ICOPS, Antalya-Turkey, 24 - 28 May 2015
- XLIX. **. SYNTHESIS OF MOS₂ NANOTUBE/POLYTHIOPHENE COMPOSITE BY ATMOSPHERIC PRESSURE RF GLOW PLASMA.**
ESENKAN TÜRKASLAN B., DİKMEN S., ÖKSÜZ A., ÖKSÜZ L.
ICOPS, 24 - 28 May 2015
- L. **IN SITU PLASMA POLYMERIZATION OF ELECTROSPUN EDOT S NANOFIBERS**
Dülgerbaki Ç., Kirişti M., Bozduman F., Shahzada A., ÖKSÜZ L., ÖKSÜZ A.
ICOPS, Antalya-Turkey, 24 - 28 May 2015
- LI. **PLASMA EMPOWERED LIMESTONE MINERAL FILLER FOR ASPHALT PERFORMANCE APPLICATIONS**
KARAHANÇER Ş., KIRIŞTI M., TERZİ S., SALTAN M., ÖKSÜZ A., ÖKSÜZ L.
The 42nd IEEE International Conference on Plasma Science ICOPS 2015, 24 - 28 May 2015
- LII. **Atmospheric Pen Plasma Sterilizing Help Paper Surface**
ALİ İHSAN K., FERHAT b., ULUSOY S., ÖKSÜZ L., MELEK K., ÖKSÜZ A.
ICOPS, Antalya-Turkey, 24-28 May 2015., 24 - 28 May 2015
- LIII. **A study on characterization of polymer coated wool fabrics using plasma polymerization**
EREN E., ÖKSÜZ L., komur A. İ., FERHAT b., NOHUT MAŞLAKCI N., ÖKSÜZ A.
IEEE ICOPS 2015, Turkey, 24 - 28 May 2015

- LIV. **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
- LV. **RF-TITANIUM DIOXIDE PLASMA MODIFIED GRAPHENE COATED ELECTRODES FOR PROTEIN SENSING**
KURALAY F., Tunc S., Bozduman F., ÖKSÜZ L., ÖKSÜZ A.
IEEE International Conference on Plasma Sciences (ICOPS), Belek, Turkey, 24 - 28 May 2015
- LVI. **SENSOR PROPERTIES OF RF-TITANIUM DIOXIDE PLASMA MODIFIED GRAPHENE**
KURALAY F., Tunc S., Bozduman F., ÖKSÜZ L., ÖKSÜZ A.
IEEE International Conference on Plasma Sciences (ICOPS), Belek, Turkey, 24 - 28 May 2015
- LVII. **INDUCTIVELY COUPLED PLASMA FOR GRAPHENE PRODUCTION**
Durmaz Y., Bozduman F., Koc I. U., Ismael M., Nore S., Gulec A., ÖKSÜZ L.
IEEE International Conference on Plasma Sciences (ICOPS), Belek, Turkey, 24 - 28 May 2015
- LVIII. **GRAPHENE SYNTHESIS BY PECVD**
Noree S., Bozduman F., Koc I. U., Gulec A., Ismael M., Durmaz Y., ÖKSÜZ L.
IEEE International Conference on Plasma Sciences (ICOPS), Belek, Turkey, 24 - 28 May 2015
- LIX. **PLASMA HELP PREPARATION OF ELECTROSPUN CARBON NANOFIBERS**
Uygun E., Bozduman F., Nohut N., ÖKSÜZ A., ÖKSÜZ L.
IEEE International Conference on Plasma Sciences (ICOPS), Belek, Turkey, 24 - 28 May 2015
- LX. **Corrosion resistance of SiO₂ thin film coated biomedical Ti-13Nb-13Zr titanium alloy by E-Beam**
Ozaltın K., Bozduman F., Zwolinska M., Kulczyk M., ÖKSÜZ A., ÖKSÜZ L., Lewandowska M.
IEEE International Conference on Plasma Sciences (ICOPS), Belek, Turkey, 24 - 28 May 2015
- LXI. **Plasma Empowered Limestone Composite Structures for Asphalt Performance Applications**
Karahancer S. S., KIRIŞTI M., TERZİ S., SALTAN M., ÖKSÜZ A., ÖKSÜZ L.
International Airfield and Highway Pavements Conference, Florida, United States Of America, 7 - 10 June 2015, pp.155-166
- LXII. **PLASMA POLYMERIZED ELECTROSPUN PEDOT-S NANOFIBERS OBTAINED BY IN-SITU RADIO FREQUENCY PLASMA TREATMENT**
Dulgerbaki C., Kiristi M., ÖKSÜZ A., Bozduman F., ÖKSÜZ L., Ahmad S.
IEEE International Conference on Plasma Sciences (ICOPS), Belek, Turkey, 24 - 28 May 2015
- LXIII. **ELECTROSPUN FIBERS COATED ONTO PLASMA MODIFIED AND NONMODIFIED WOOLS**
Maslakci N. N., ÖKSÜZ A., ÖKSÜZ L., Bozduman F., EREN E.
IEEE International Conference on Plasma Sciences (ICOPS), Belek, Turkey, 24 - 28 May 2015
- LXIV. **IMPROVING PHOTOVOLTAIC EFFICIENCY BY RF ROTATING PLASMA MODIFIED NANOTUBES**
ERTEN ELA Ş., Varlek A., Bozduman F., Kiristi M., Remskar M., ÖKSÜZ L., ÖKSÜZ A.
IEEE International Conference on Plasma Sciences (ICOPS), Belek, Turkey, 24 - 28 May 2015
- LXV. **BULUT M O DEVİRENOĞLU C ÖKSÜZ L BOZDUMAN F TEKE E 2015 Combination of grey cotton fabric desizing and plasma aided International Middle East Plasma Science IMEPS Antalya**
OKTAV BULUT M., CİHAN D., ÖKSÜZ L., FERHAT B., ERDOĞAN T.
International Middle East Plasma Science (IMEPS), Antalya, Turkey, 23 - 25 April 2014
- LXVI. **Atmosferik Plazma yöntemiyle polifuran/tungsten (III) oxide (PFu/WO₃) ve politiyofen/tungsten (III) oxide (PTH/WO₃) nanokompozitlerinin sentezi ve karakterizasyonu**
ESEN CAN TÜRKASLAN B., ÖKSÜZ A., ÖKSÜZ L.
XIII. ULUSAL SPEKTROSKOPİ KONGRESİ, Burdur, Turkey, 15 - 18 May 2013
- LXVII. **Bulut M O Kılık Ç Akbulut Y Öksüz L 2013 Pamuklu Dokuma Kumaşların Ön Terbiye İşlemlerinde Plazma Teknolojisinin Uygulanması UTİB Türkiye Tekstil ve Konfeksiyon Sektöründe 5 Uluslararası AR GE Proje Pazarı 492 493 Bursa**
OKTAV BULUT M., Çağatay K., Akbulut Y., ÖKSÜZ L.
UTİB Türkiye Tekstil ve Konfeksiyon Sektöründe 5. Uluslararası AR-GE Proje Pazarı, Bursa, Turkey, 4 - 05 April 2013, vol.1, pp.492-493
- LXVIII. **Biyopolimer sistemler için Atmosferik Plazma Uygulamaları,**
ESEN CAN TÜRKASLAN B., ÖKSÜZ L., ÖKSÜZ A.

Supported Projects

KÖKCE A., ÖKSÜZ L., HELHEL S., Project Supported by Higher Education Institutions, Mikrodalga Plazmanın Fiziksel Özellikleri ve Uyumlandırma, 2004 - 2006

KIR E., GÖDE F., GÖK A., ÖKSÜZ L., Project Supported by Higher Education Institutions, İletken Polimer İçerikli Membran Sistemlerinin Hazırlanması ve Karakterizasyonu, 2003 - 2005

Metrics

Publication: 119

Citation (WoS): 824

Citation (Scopus): 1033

H-Index (WoS): 16

H-Index (Scopus): 20