

Prof. Dr. MEHMET ERTUĞRUL

Kişisel Bilgiler

E-posta: ertugrul@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr/ertugrul>

Uluslararası Araştırmacı ID'leri

ScholarID: Uo5g4RUAAAAJ

ORCID: 0000-0003-1921-7704

Publons / Web Of Science ResearcherID: J-1443-2014

ScopusID: 56186565500

Yoksis Araştırmacı ID: 1356

Eğitim Bilgileri

Doktora, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, Türkiye 1990 - 1994

Yüksek Lisans, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, Türkiye 1988 - 1990

Lisans, Atatürk Üniversitesi, Kâzım Karabekir Eğitim Fakültesi, Türkiye 1982 - 1986

Araştırma Alanları

Mühendislik ve Teknoloji

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Recent studies of theoretical gas sensing properties of 2D TMDC Janus materials**
KOPAR A. S., Coşkun A., Özerbaş Z. E., Küçük B. A., Turalioğlu K., ÇOBAN Ö., Çağlar M. A., ERTUĞRUL M., Turgut G.
Sensors and Actuators A: Physical, cilt.383, 2025 (SCI-Expanded)
- II. **Substance discrimination imaging derived from switchable soft and hard x-ray sensing in direct x-ray detector**
Zhao J., Wang X., Li Y., Cheng Q., Onwudiwe D. C., Bae B. S., Ertuğrul M., Zhu Y., Lei W., Xu X.
INFOMAT, cilt.7, sa.2, 2025 (SCI-Expanded)
- III. **Hepta-Band Ultra-Thin Metasurface Absorber for S-, C-, X-, Ku-, and K-Band Applications**
Kurt M., ÖZTÜRK G., ERTUĞRUL M.
Arabian Journal for Science and Engineering, 2025 (SCI-Expanded)
- IV. **Exploring the influence of Zn impurities on the structural, optical, and H₂ sensor properties of ultrasonic spray pyrolysis-grown MgO thin films**
SAĞLAM H. K., İSKENDERÖĞLU D., Güldüren M. E., GÜNEY H., SARITAŞ S., ERTUĞRUL M.
Optik, cilt.315, 2024 (SCI-Expanded)
- V. **Physical properties of Cu₂ZnSnS₄ 2 ZnSnS₄ absorber layer deposited by spray pyrolysis: Effect of the temperature associated with SCAPS 1D simulation**
Smairi S., Hartiti B., Batan A., Ziti A., Nkuissi H. J. T., Rachidy C., Benali H., Keles S., Thevenin P., Ertuğrul M.
PHYSICA B-CONDENSED MATTER, cilt.691, 2024 (SCI-Expanded)
- VI. **Na-doped ZnO thin film by USP method for amperometric detection of Alura Red (E129) azo dye**
Topal M. B., SAĞLAM H. K., ERTUĞRUL M., TAŞĞIN E., NADAROĞLU H.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.35, sa.30, 2024 (SCI-Expanded)

- VII. **Working Voltage Switching the Photo-/Thermo-Electric Effect for Distinct Ultraviolet and Infrared Signal Detection**
Liu S., Ding Y., Rong W., Xu Y., Li Y., Onwudiwe D. C., Bae B. S., ERTUĞRUL M., Zhu Y., Wu Z., et al.
ACS Nano, cilt.18, sa.36, ss.25226-25236, 2024 (SCI-Expanded)
- VIII. **Core-Shell Plasmonic Nanostructures for Hyperthermia of Cancer and Tumor Cells**
Rajabpour V., Abbasian K., Ertuğrul M.
PLASMONICS, 2024 (SCI-Expanded)
- IX. **Dual narrowband photodetectors based on halide perovskite single crystal heterojunctions with solution-processed epitaxial growth**
Zhang D., Pan Y., Wang X., Wei Z., Xu Y., Onwudiwe D. C., Bae B. S., ERTUĞRUL M., Zhou J., Xu X., et al.
JOURNAL OF MATERIALS CHEMISTRY C, cilt.12, sa.33, ss.12806-12817, 2024 (SCI-Expanded)
- X. **Graphene/Al₂O₃/Si Schottky diode with integrated waveguide on a silicon-on-insulator wafer**
Seven E., ORHAN E., Di Bartolomeo A., ERTUĞRUL M., Taştekin N. A.
Indian Journal of Physics, cilt.98, sa.8, ss.2795-2803, 2024 (SCI-Expanded)
- XI. **Investigation of hybrid wires combining superconductive MgB₂ and ultra-conductive Graphene/Cu sheath**
Karaboga F., Farhangmehr M., Özmen A., Yetis H., Belenli I., ERTUĞRUL M.
Journal of Alloys and Compounds, cilt.973, 2024 (SCI-Expanded)
- XII. **Photoluminescence enhancement of chemical vapor-deposited MoSe₂ monolayers**
KOPAR A. S., Coşkun A., Çağlar M., ERTUĞRUL M., Turgut G.
Journal of Materials Science: Materials in Electronics, cilt.35, sa.6, 2024 (SCI-Expanded)
- XIII. **A Study of Nanostructured FeO Thin Film-Based Allure Red and Direct Blue 15 Azo Dyes Sensing Scheme**
Gunduz S., Alaylı A., GÜNEY H., ÇOBAN Ö., ERTUĞRUL M., NADAROĞLU H.
Journal of Nano Research, cilt.82, ss.21-32, 2024 (SCI-Expanded)
- XIV. **Rational design of MXene/Boron Carbon Nitride nanotube composite electrode for supercapacitors with improved electrochemical properties**
TUZLUCA YEŞİLBAĞ F. N., YEŞİLBAĞ Y. Ö., Huseyin A., Salih A. J. S., Ertugrul M.
JOURNAL OF ENERGY STORAGE, cilt.72, 2023 (SCI-Expanded)
- XV. **Analyses of Cu impurity effects on the USP grown MgO thin films: Structural, optical and photocatalytic assessments**
Saglam H. K., İSKENDEROĞLU D., Gulduren M. E., Gueney H., Sahin B., ERTUĞRUL M.
OPTICAL MATERIALS, cilt.145, 2023 (SCI-Expanded)
- XVI. **Ta₄C₃ MXene-based clover-shaped patch antenna for the treatment of lung cancer with TWA**
GEYİKOĞLU M. D., Ertugrul M.
OPTICAL AND QUANTUM ELECTRONICS, cilt.55, sa.12, 2023 (SCI-Expanded)
- XVII. **Extraction Method for Unique Determination of Complex Permittivity from Graphical Analysis of Natural Frequencies**
Hasar U. C., ÖZTÜRK G., Kaya Y., Alfaqawi M. S. S., Barroso J. J., ERTUĞRUL M., Ramahi O. M.
IEEE Transactions on Antennas and Propagation, cilt.71, sa.9, ss.7690-7693, 2023 (SCI-Expanded)
- XVIII. **Elaboration and characterization of quaternary material Cu₂ZnSn₄ by spray pyrolysis technique using Taguchi method**
Salma S., Hartiti B., Ziti A., Nkuissi H. J. T., Benali H., Aykut Y., Fadili S., Thevenin P., Ertugrul M.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, cilt.129, sa.9, 2023 (SCI-Expanded)
- XIX. **Enhancing radar absorption performance of Sr-hexaferrite by hybridization with coiled carbon nanotubes via chemical vapour deposition method**
Zulkimi M. M. M., Azis R. S., Ismail I., Mokhtar N., Ertugrul M., Hamidon M. N., Hasan I. H., YEŞİLBAĞ Y. Ö., TUZLUCA YEŞİLBAĞ F. N., ÖZTÜRK G., et al.
DIAMOND AND RELATED MATERIALS, cilt.137, 2023 (SCI-Expanded)

- XX. **An efficient cost effective wide-angle metasurface-based linear and circular polarization converter for X-, Ku- and K-band applications**
ÖZTÜRK G., Hasar U. C., Ertugrul M., Tutar F., ÇORAPSIZ M. F., Kurt M., Donmez K., Ismail I., Alfaqawi M. S. S.
OPTICS AND LASER TECHNOLOGY, cilt.163, 2023 (SCI-Expanded)
- XXI. **Excitation wavelength dependent triple-mode photoluminescence of copper-based halides for advanced anti-counterfeiting**
Liu C., Zhang Y., Luo M., Wang L., Liu X., Pan J., Zhao Z., Fang F., Mao L., Huang Y., et al.
APL MATERIALS, cilt.11, sa.7, 2023 (SCI-Expanded)
- XXII. **Temporal Reflection Response of Plane Waves Within an N -Layer Structure Involving Bianisotropy**
Hasar U. C., ÖZTÜRK G., Kaya Y., Barroso J. J., ERTUĞRUL M., Ramahi O. M., Alfaqawi M. S. S.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, cilt.71, sa.7, ss.5946-5953, 2023 (SCI-Expanded)
- XXIII. **Reconfigurable multifunctional graphene-based antenna for cancer therapy with THz wave ablation**
GEYİKOĞLU M. D., Polat H. K., Cavusoglu B., Ertugrul M.
OPTICAL AND QUANTUM ELECTRONICS, cilt.55, sa.7, 2023 (SCI-Expanded)
- XXIV. **A Comparative Study of the Structural and Optical Properties of ZnS Films Deposited by Spray-Pyrolysis Technique**
Najim A., Hartiti B., Nkuissi H. J. T., Labrim H., Fadili S., Ertugrul M., Thevenin P., BUDAK H. F., KASAPOĞLU A. E.
CRYSTAL RESEARCH AND TECHNOLOGY, cilt.58, sa.7, 2023 (SCI-Expanded)
- XXV. **Parameter extraction method for reflection-asymmetric bianisotropic metamaterial slabs using one-port measurements**
Hasar U. C., Kaya Y., Ozturk H., Ertugrul M., Ramahi O. M.
MEASUREMENT, cilt.211, 2023 (SCI-Expanded)
- XXVI. **Structural, mechanical and cytotoxic properties of Ta-doped diamond-like carbon films deposited via radio frequency magnetron sputtering on polyether ether ketone**
Keles S., YEŞİL Z., SADELER R., Ertugrul M., Meletlioglu E.
THIN SOLID FILMS, cilt.769, 2023 (SCI-Expanded)
- XXVII. **Investigation of the growth temperature effect on H₂ gas detection for ZnO thin films**
SAĞLAM H. K., GÜR E., Ertugrul M.
OPTICAL MATERIALS, cilt.137, 2023 (SCI-Expanded)
- XXVIII. **Mechanical Properties of Polymer-Infiltrated Fluorapatite Glass Ceramics Fabricated from Clam Shell and Soda Lime Silicate Glass**
KUL E., Matori K. A., Karadeniz S., Arslan E., Ertugrul M.
MATERIALE PLASTICE, cilt.60, sa.1, ss.128-136, 2023 (SCI-Expanded)
- XXIX. **Honey-Water Content Analysis by Mixing Models Using a Self-Calibrating Microwave Method**
Hasar H., Hasar U. C., Kaya Y., Ozturk H., Izginli M., ÖZTAŞ T., Aslan N., Ertugrul M., Barroso J. J., Ramahi O. M.
IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, cilt.71, sa.2, ss.691-697, 2023 (SCI-Expanded)
- XXX. **Experimental and theoretical insights on the structural and optical properties of GeO_x thin films deposited via RF magnetron sputtering under varying oxygen percentage**
ŞENADIM TÜZEMEN E., Hopoglu H., SARITAŞ S., AYDINOĞLU H. S., ERTUĞRUL M., Maslov M. M., KAYA S., UNGAN F., GÜR E.
PHYSICA B-CONDENSED MATTER, cilt.650, 2023 (SCI-Expanded)
- XXXI. **Permittivity Extraction of Soil Samples Using Coaxial-Line Measurements by a Simple Calibration**
Hasar H., Hasar U. C., Ozturk H., Izginli M., Aslan N., ÖZTAŞ T., Ertugrul M., Karayilan M., Ramahi O. M.
IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING, cilt.61, 2023 (SCI-Expanded)
- XXXII. **Artificial Neural Network Model for Evaluating Parameters of Reflection-Asymmetric Samples From Reference-Plane-Invariant Measurements**
Hasar U. C., Ozturk H., Ertugrul M., Barroso J. J., Ramahi O. M.
IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, cilt.72, 2023 (SCI-Expanded)
- XXXIII. **Effect of Mn and Zn doping on natural resonance frequency of strontium U-type hexaferrite and its performance as electromagnetic wave absorbers**

- Ismail I, Zulkimi M. M. M., Azis R. S., Mustaffa M. S., Hamidon M. N., ERTUĞRUL M., YEŞİLBAĞ Y. Ö., TUZLUCA YEŞİLBAĞ F. N., Hasan I. H., ÖZTÜRK G., et al.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.898, 2022 (SCI-Expanded)
- XXXIV. **Complex Permittivity and Thickness Evaluation of Low-Loss Dielectrics From Uncalibrated Free-Space Time-Domain Measurements**
Hasar U. C., Kaya Y., Ozturk H., Izginli M., Barroso J. J., Ramahi O. M., ERTUĞRUL M.
IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING, cilt.60, 2022 (SCI-Expanded)
- XXXV. **Parameter Retrieval of Samples on a Substrate From Reflection-Only Waveguide Measurements**
Hasar U. C., Ozturk H., Kaya Y., Izginli M., ERTUĞRUL M.
IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS, cilt.31, sa.3, ss.320-323, 2021 (SCI-Expanded)
- XXXVI. **Synthesis and characterization of graphene/carbon nanotube hybrid: effects of Ni catalyst thickness and H_2 flow rate on growth and morphological structure**
YEŞİLBAĞ Y. Ö., TUZLUCA YEŞİLBAĞ F. N., Huseyin A., Tuzluca M., Ismail I., ERTUĞRUL M.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.32, sa.6, ss.7943-7955, 2021 (SCI-Expanded)
- XXXVII. **Analysis of Solution Pattern of Natural Frequencies by a Graphical Method**
Hasar U. C., ÖZTÜRK G., Bute M., ERTUĞRUL M., Barroso J. J.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, cilt.69, sa.2, ss.1209-1212, 2021 (SCI-Expanded)
- XXXVIII. **Determination of Constitutive Parameters of Strong-Coupled Bianisotropic Metamaterials Using Oblique Incidence Scattering Parameters**
ÖZTÜRK G., Hasar U. C., Bute M., ERTUĞRUL M.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, cilt.69, sa.2, ss.918-927, 2021 (SCI-Expanded)
- XXXIX. **Single-step, large-area, variable thickness sputtered WS_2 film-based field effect transistors**
ACAR M., Mobtakeri S., EFEOĞLU H., ERTUĞRUL M., GÜR E.
CERAMICS INTERNATIONAL, cilt.46, sa.17, ss.26854-26860, 2020 (SCI-Expanded)
- XL. **Propagation constant measurements of reflection-asymmetric and nonreciprocal microwave networks from S-parameters without using a reflective standard**
Hasar U. C., Kaya Y., ÖZTÜRK G., ERTUĞRUL M.
MEASUREMENT, cilt.165, 2020 (SCI-Expanded)
- XLI. **A Study on Microwave Absorption Properties of Carbon Black and $Ni_{0.6}Zn_{0.4}Fe_2O_4$ Nanocomposites by Tuning the Matching-Absorbing Layer Structures**
İbrahim I. R., Matori K. A., Ismail I., Awang Z., Rusly S. N. A., Nazlan R., Idris F. M., Zulkimi M. M. M., Abdullah N. H., Mustaffa M. S., et al.
SCIENTIFIC REPORTS, cilt.10, sa.1, 2020 (SCI-Expanded)
- XLII. **A comprehensive study of molybdenum boats behavior during service life for continuous thermal evaporation technique, used in thin film technology**
Rouhi S., Martinez-Medina J. E., Ozdemir M., ERTUĞRUL M., Aygun G., Ozyuzer L.
VACUUM, cilt.176, 2020 (SCI-Expanded)
- XLIII. **Comparative study of single- and double-layer $BaFe_{12}O_{19}$ -Graphite nanocomposites for electromagnetic wave absorber applications**
Ismail I., Ibrahim I. R., Matori K. A., Awang Z., Zulkimi M. M. M., Idris F. M., Nazlan R., Azis R. S., Zaid M. H. M., Rusly S. N. A., et al.
MATERIALS RESEARCH BULLETIN, cilt.126, 2020 (SCI-Expanded)
- XLIV. **Influence of B_2O_3 Addition on the Properties of TiO_2 Thick Film at Various Annealing Temperatures for Hydrogen Sensing**
Chachuli S. A. M., Hamidon M. N., ERTUĞRUL M., Mamat M. S., Jaafar H., Aris N.
JOURNAL OF ELECTRONIC MATERIALS, cilt.49, sa.5, ss.3340-3349, 2020 (SCI-Expanded)
- XLV. **Method for Electromagnetic Property Extraction of Sublayers in Metal-Backed Inhomogeneous Metamaterials**
Hasar U. C., ÖZTÜRK G., Bute M., ERTUĞRUL M.

IEEE ACCESS, cilt.8, ss.151705-151718, 2020 (SCI-Expanded)

- XLVI. **Effect of nanometric and micronic particles size on physical and electrical properties of graphite thick film**
Shafiee F. N., Hamidon M. N., Wahid M. H., Shaari A. H., ERTUĞRUL M., Abdullah N. H., Kusaimi M. A. M., Mustaffa M. S., Hasan I. H., Ibrahim I. R.
INTERNATIONAL JOURNAL OF NANOTECHNOLOGY, sa.11-12, ss.825-839, 2020 (SCI-Expanded)
- XLVII. **Magnetic phase transition of mechanically alloyed single sample**
Co_{0.5}Ni_{0.5}Fe₂O₄
Low Z. H., Ismail I., Shafie M. S. E., Ibrahim I. R., ERTUĞRUL M., Azis R. S., Saiden N. M., Hasan I. H., Idris F. M., Nazlan R.
RESULTS IN PHYSICS, cilt.15, 2019 (SCI-Expanded)
- XLVIII. **Feasibility and performance investigation of a new smart system integrating planar/tubular thermoelectric generators with solar flat plate collector**
Faddouli A., Labrim H., Fadili S., Hartiti B., Habchi A., ERTUĞRUL M., ÇAVUŞOĞLU B., Ntsoenzok E.
ENERGY CONVERSION AND MANAGEMENT, cilt.199, 2019 (SCI-Expanded)
- XLIX. **Synthesis of ultra-long boron nanowires as supercapacitor electrode material**
TUZLUCA YEŞİLBAĞ F. N., YEŞİLBAĞ Y. Ö., ERTUĞRUL M.
APPLIED SURFACE SCIENCE, cilt.493, ss.787-794, 2019 (SCI-Expanded)
- L. **Response of TiO₂/MWCNT/B₂O₃ gas sensor to hydrogen using different organic binder**
Chachuli S. A. M., Hamidon M. N., Mamat M. S., ERTUĞRUL M., Abdullah N. H.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, cilt.99, ss.140-148, 2019 (SCI-Expanded)
- LI. **The use of -MnOOH nanosheets as battery-type electrode for supercapacitor applications**
YEŞİLBAĞ Y. Ö., TUZLUCA YEŞİLBAĞ F. N., ERTUĞRUL M.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, sa.9, ss.8201-8209, 2019 (SCI-Expanded)
- LII. **Structural, Optical and Electrochromic Properties of WO₃ Thin Films Prepared by Chemical Spray Pyrolysis Versus Spin Coating Technique**
MORKOÇ KARADENİZ S., İSKENDEROĞLU D., ERTUĞRUL M., EKİNCİ A. E.
SPECTROSCOPY AND SPECTRAL ANALYSIS, cilt.38, sa.9, ss.2982-2988, 2018 (SCI-Expanded)
- LIII. **A Hydrogen Gas Sensor Based on TiO₂ Nanoparticles on Alumina Substrate**
Chachuli S. A. M., Hamidon M. N., Mamat M. S., ERTUĞRUL M., Abdullah N. H.
SENSORS, cilt.18, sa.8, 2018 (SCI-Expanded)
- LIV. **Silicon-doping influence on the crystalline, surface and optical features of cadmium oxide films deposited by sol-gel spin route**
Turgut G., Kurt M. S., ERTUĞRUL M., İSKENDEROĞLU D., Duman S., GÜRBULAK B.
OPTİK, cilt.165, ss.310-318, 2018 (SCI-Expanded)
- LV. **Synthesis of In₂O₃ nanostructures with different morphologies as potential supercapacitor electrode materials**
TUZLUCA YEŞİLBAĞ F. N., YEŞİLBAĞ Y. Ö., ERTUĞRUL M.
APPLIED SURFACE SCIENCE, cilt.427, ss.956-964, 2018 (SCI-Expanded)
- LVI. **Investigation of temperature, catalyst thickness and substrate effects in In₂O₃ nanostructures**
TUZLUCA YEŞİLBAĞ F. N., YEŞİLBAĞ Y. Ö., ERTUĞRUL M.
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, cilt.111, ss.439-446, 2017 (SCI-Expanded)
- LVII. **A device for X-Ray elemental mapping using annular radioisotope source**
Ahmadi N., Kavaz Uştu E., ERTUĞRUL M., ÖZDEMİR Y.
X-RAY SPECTROMETRY, cilt.46, sa.6, ss.486-491, 2017 (SCI-Expanded)
- LVIII. **Effects of graphite on the synthesis of 1-D single crystal In₂O₃ nanostructures at high temperature**
TUZLUCA YEŞİLBAĞ F. N., YEŞİLBAĞ Y. Ö., AKKUŞ T., ERTUĞRUL M.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, cilt.66, ss.62-68, 2017 (SCI-Expanded)

- LIX. **Effective Constitutive Parameters Retrieval Method for Bianisotropic Metamaterials Using Waveguide Measurements**
Hasar U. C., MURATOĞLU A., Bute M., Barroso J. J., ERTUĞRUL M.
IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, cilt.65, sa.5, ss.1488-1497, 2017 (SCI-Expanded)
- LX. **Investigation of K X-ray intensity ratios of some 4d transition metals depending on the temperature**
ÖZDEMİR Y., Kavaz Uştu E., Ahmadi N., ERTUĞRUL M., EKİNCİ N.
APPLIED RADIATION AND ISOTOPES, cilt.115, ss.147-154, 2016 (SCI-Expanded)
- LXI. **Boundary Effects on the Determination of Electromagnetic Properties of Bianisotropic Metamaterials From Scattering Parameters**
Hasar U. C., Barroso J. J., Bute M., MURATOĞLU A., ERTUĞRUL M.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, cilt.64, sa.8, ss.3459-3469, 2016 (SCI-Expanded)
- LXII. **Structural, Morphological and Optical Properties of Well-Ordered CdO Nanostructures Synthesized by Easy-Economical Chemical Bath Deposition Technique**
MORKOÇ KARADENİZ S., Kilinc T., BOZKURT ÇIRAK B., Sakaoglu T. I., ÇIRAK Ç., ERTUĞRUL M., EKİNCİ A. E.
SPECTROSCOPY AND SPECTRAL ANALYSIS, cilt.36, sa.6, ss.1998-2000, 2016 (SCI-Expanded)
- LXIII. **A Comparative Study on Structural and Optical Properties of ZnO Micro-Nanorod Arrays Grown on Seed Layers Using Chemical Bath Deposition and Spin Coating Methods**
MORKOÇ KARADENİZ S., BOZKURT ÇIRAK B., Kilinc T., ÇIRAK Ç., Inal M., Turgut Z., EKİNCİ A. E., ERTUĞRUL M.
MATERIALS SCIENCE-MEDZIAGOTYRA, cilt.22, sa.4, ss.476-480, 2016 (SCI-Expanded)
- LXIV. **Reference-Plane-Invariant Effective Thickness and Electromagnetic Property Determination of Isotropic Metamaterials Involving Boundary Effects**
Hasar U. C., Barroso J. J., Buldu G., Bute M., Kaya Y., KARACALI T., ERTUĞRUL M.
IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS, cilt.21, sa.4, ss.301-311, 2015 (SCI-Expanded)
- LXV. **Characterization of Porous Silicon Fabry-Perot Optical Sensors for Reflectivity and Transmittivity Measurements**
Hasar U. C., ÖZBEK İ. Y., ÇAVUŞOĞLU B., KARACALI T., EFEOĞLU H., ERTUĞRUL M., Barroso J. J.
IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS, cilt.21, sa.4, ss.174-183, 2015 (SCI-Expanded)
- LXVI. **Determination of Reference-Plane Invariant, Thickness-Independent, and Broadband Constitutive Parameters of Thin Materials**
Hasar U. C., Kaya Y., Barroso J. J., ERTUĞRUL M.
IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, cilt.63, sa.7, ss.2313-2321, 2015 (SCI-Expanded)
- LXVII. **Semi-Infinite Reflection Coefficients of Bi-Anisotropic Metamaterial Slabs Including Boundary Effects**
Hasar U. C., Barroso J. J., KARACALI T., ERTUĞRUL M.
IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS, cilt.25, sa.5, ss.283-285, 2015 (SCI-Expanded)
- LXVIII. **Identification of Gases by Porous Optical Sensors Using Reflectivity Difference and Wavelength Shift**
Hasar U. C., ÖZBEK İ. Y., ÇAVUŞOĞLU B., KARACALI T., EFEOĞLU H., ERTUĞRUL M., Barroso J. J.
IEEE PHOTONICS TECHNOLOGY LETTERS, cilt.27, sa.6, ss.596-599, 2015 (SCI-Expanded)
- LXIX. **The effects of heat treatment on the synthesis of nickel ferrite (NiFe₂O₄) nanoparticles using the microwave assisted combustion method**
KARCIOĞLU KARAKAŞ Z., BONCUKCUOĞLU R., Karakas I. H., ERTUĞRUL M.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.374, ss.298-306, 2015 (SCI-Expanded)
- LXX. **Investigation of transmitted, reflected, and absorbed powers of periodic and aperiodic multilayered structures composed of bi-anisotropic metamaterial slab and conventional material**
Hasar U. C., Banos J. J., Kaya Y., KARACALI T., ERTUĞRUL M.
PHOTONICS AND NANOSTRUCTURES-FUNDAMENTALS AND APPLICATIONS, cilt.13, ss.106-119, 2015 (SCI-Expanded)
- LXXI. **Reference-plane-invariant and thickness- and branch-index-independent retrieval of effective parameters of bi-anisotropic metamaterials**

- Hasar U. C., Barroso J. J., KARACALI T., ERTUĞRUL M.
AIP ADVANCES, cilt.5, sa.1, 2015 (SCI-Expanded)
- LXXII. **Determination of constitutive parameters of homogeneous metamaterial slabs by a novel calibration-independent method**
Hasar U. C., Buldu G., Bute M., Barroso J. J., KARACALI T., ERTUĞRUL M.
AIP ADVANCES, sa.10, 2014 (SCI-Expanded)
- LXXIII. **Simple procedure for robust and accurate complex permittivity measurements of low-loss materials over a broad frequency band**
Hasar U. C., Barroso J. J., Kaya Y., Bute M., ERTUĞRUL M.
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, cilt.28, sa.8, ss.903-915, 2014 (SCI-Expanded)
- LXXIV. **Power analysis of multilayer structures composed of conventional materials and bi-anisotropic metamaterial slabs**
Hasar U. C., Bute M., Barroso J. J., SABAH C., Kaya Y., ERTUĞRUL M.
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS, cilt.31, sa.5, ss.939-947, 2014 (SCI-Expanded)
- LXXV. **Attractive method for thickness-independent permittivity measurements of solid dielectric materials**
Hasar U. C., Barroso J. J., Bute M., Kaya Y., KOCADAĞIŞTAN M. E., ERTUĞRUL M.
SENSORS AND ACTUATORS A-PHYSICAL, cilt.206, ss.107-120, 2014 (SCI-Expanded)
- LXXVI. **Microwave method for reference-plane-invariant and thickness-independent permittivity determination of liquid materials**
Hasar U. C., Kaya Y., Bute M., Barroso J. J., ERTUĞRUL M.
REVIEW OF SCIENTIFIC INSTRUMENTS, cilt.85, sa.1, 2014 (SCI-Expanded)
- LXXVII. **Two-step numerical procedure for complex permittivity retrieval of dielectric materials from reflection measurements**
Hasar U. C., Barroso J. J., Kaya Y., ERTUĞRUL M., Bute M., Catala-Civera J. M.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, cilt.116, sa.4, ss.1701-1710, 2014 (SCI-Expanded)
- LXXVIII. **The domestic livestock resources of Turkey: inventory of pigeon groups and breeds with notes on breeder organizations**
Yılmaz O., SAVAŞ T., ERTUĞRUL M., Wilson R. T.
WORLDS POULTRY SCIENCE JOURNAL, cilt.69, sa.2, ss.265-278, 2013 (SCI-Expanded)
- LXXIX. **Influence of Deposition Pressure ($0 < \text{sub} > 2 < \text{sub} >$) on the YBCO (Y123) Thin Films Prepared by Pulsed Laser Deposition**
YURTCAN M. T., ŞİMŞEK Ö., YILMAZ M., Hasar U. C., ERTUĞRUL M., Bayram O. S.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.26, sa.5, ss.1873-1877, 2013 (SCI-Expanded)
- LXXX. **Enhanced critical current density using $\text{Nd} < \text{sub} > 2 < \text{sub} > \text{O} < \text{sub} > 3 < \text{sub} >$ nano-islands on $\text{NdBa} < \text{sub} > 2 < \text{sub} > \text{Cu} < \text{sub} > 3 < \text{sub} > \text{O} < \text{sub} > 7 - \delta < \text{sub} >$ thin films prepared by PLD**
SÖNMEZ E., ERTUĞRUL M.
EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS, cilt.62, sa.1, ss.10403-0, 2013 (SCI-Expanded)
- LXXXI. **Effect of Nb doping on structural, electrical and optical properties of spray deposited $\text{SnO} < \text{sub} > 2 < \text{sub} >$ thin films**
Turgut G., KESKENLER E. F., AYDIN S., SÖNMEZ E., Dogan S., Duzgun B., ERTUĞRUL M.
SUPERLATTICES AND MICROSTRUCTURES, cilt.56, ss.107-116, 2013 (SCI-Expanded)
- LXXXII. **Nanostructured columnar heterostructures of $\text{TiO} < \text{sub} > 2 < \text{sub} >$ and $\text{Cu} < \text{sub} > 2 < \text{sub} > \text{O}$ enabled by a thin-film self-assembly approach: Potential for photovoltaics**
Polat O., Aytug T., Lupini A. R., Paranthaman P. M., ERTUĞRUL M., Bogorin D. F., Meyer H. M., Wang W., Pennycook S. J., Christen D. K.
MATERIALS RESEARCH BULLETIN, cilt.48, sa.2, ss.352-356, 2013 (SCI-Expanded)
- LXXXIII. **Stepwise technique for accurate and unique retrieval of electromagnetic properties of bianisotropic metamaterials**
Hasar U. C., Barroso J. J., SABAH C., Kaya Y., ERTUĞRUL M.
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS, cilt.30, sa.4, ss.1058-1068, 2013 (SCI-

Expanded)

- LXXXIV. **Reference-plane invariant transmission-reflection method for measurement of constitutive parameters of liquid materials**
Hasar U. C., Barroso J. J., Kaya Y., ERTUĞRUL M., Bute M.
SENSORS AND ACTUATORS A-PHYSICAL, cilt.203, ss.346-354, 2013 (SCI-Expanded)
- LXXXV. **Differential uncertainty analysis for evaluating the accuracy of S-parameter retrieval methods for electromagnetic properties of metamaterial slabs**
Hasar U. C., Barroso J. J., SABAH C., Kaya Y., ERTUĞRUL M.
OPTICS EXPRESS, cilt.20, sa.27, ss.29002-29022, 2012 (SCI-Expanded)
- LXXXVI. **HIGHLY EFFICIENT OPTOELECTRONIC PROPERTIES OF DOUBLY DOPED SnO₂ THIN FILM DEPOSITED BY SPIN COATING TECHNIQUE**
KOÇYİĞİT A., Tatar D., Battal A., ERTUĞRUL M., Duzgun B.
JOURNAL OF OVONIC RESEARCH, sa.6, ss.171-178, 2012 (SCI-Expanded)
- LXXXVII. **Phenotypic Characteristics of Turkish Mules**
Yilmaz O., Boztepe S., ERTUĞRUL M.
INTERNATIONAL JOURNAL OF AGRICULTURE AND BIOLOGY, cilt.14, sa.3, ss.450-452, 2012 (SCI-Expanded)
- LXXXVIII. **LiCo₂ Structures by Spray Pyrolysis Technique for Rechargeable Li-ion Battery**
YILMAZ M., Turgut G., AYDIN S., ERTUĞRUL M.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, sa.2, ss.283-286, 2012 (SCI-Expanded)
- LXXXIX. **Domestic livestock resources of Turkey Water buffalo**
Yilmaz O., ERTUĞRUL M., Wilson R. T.
TROPICAL ANIMAL HEALTH AND PRODUCTION, cilt.44, sa.4, ss.707-714, 2012 (SCI-Expanded)
- XC. **Superconducting properties of YBa₂Cu₃O_{7-δ} films deposited on commercial tape substrates, decorated with Pd or Ta nano-islands**
Polat O., ERTUĞRUL M., Thompson J. R., Leonard K. J., Sinclair J. W., Paranthaman M. P., Wee S. H., Zuev Y. L., Xiong X., Selvamanickam V., et al.
SUPERCONDUCTOR SCIENCE & TECHNOLOGY, cilt.25, sa.2, 2012 (SCI-Expanded)
- XCI. **APPLICATION OF A USEFUL UNCERTAINTY ANALYSIS AS A METRIC TOOL FOR ASSESSING THE PERFORMANCE OF ELECTROMAGNETIC PROPERTIES RETRIEVAL METHODS OF BIANISOTROPIC METAMATERIALS**
Hasar U. C., Barroso J. J., ERTUĞRUL M., SABAH C., ÇAVUŞOĞLU B.
PROGRESS IN ELECTROMAGNETICS RESEARCH-PIER, cilt.128, ss.365-380, 2012 (SCI-Expanded)
- XCII. **PERMEABILITY MEASUREMENT OF SPLIT-RING-RESONATOR METAMATERIALS FROM FREE-SPACE TRANSMISSION-ONLY CALIBRATION-INDEPENDENT METHODS**
Hasar U. C., Barroso J. J., ERTUĞRUL M.
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, cilt.26, sa.1, ss.54-63, 2012 (SCI-Expanded)
- XCIII. **Preparation of LiCoO₂ and LiNi_xCo_{1-x}O₂ by Solid State Reaction Technique**
YILMAZ M., AYDIN S., TURGUT G., DİLBER R., ERTUĞRUL M.
CERAMICS INTERNATIONAL, cilt.1, sa.1, ss.5-8, 2012 (SCI-Expanded)
- XCIV. **ZnS Thin Film Prepared by Using Chemical Spray Pyrolysis Method**
MORKOÇ KARADENİZ S., EKİNCİ A. E., TUZLUCA YEŞİLBAĞ F. N., ERTUĞRUL M.
ASIAN JOURNAL OF CHEMISTRY, cilt.24, sa.1, ss.220-222, 2012 (SCI-Expanded)
- XCv. **Study of Structural and Optical Properties of Zinc Oxide Rods Grown on Glasses by Chemical Spray Pyrolysis**
SÖNMEZ E., AYDIN S., YILMAZ M., YURTCAN M. T., KARACALI T., ERTUĞRUL M.
JOURNAL OF NANOMATERIALS, cilt.2012, 2012 (SCI-Expanded)
- XCVI. **SOME MORPHOLOGICAL CHARACTERISTICS OF TURKISH TAZI (SIGHT HOUND)**
Yilmaz O., ERTUĞRUL M.
JOURNAL OF ANIMAL AND PLANT SCIENCES, cilt.21, sa.4, ss.794-799, 2011 (SCI-Expanded)
- XCvII. **Synthesis and characterization Li₄Ti₅O₁₂ for Li-ion batteries**

YILMAZ M., AYDIN S., Turgut G., YURTCAN M. T., Demir Y., ERTUĞRUL M.

ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, sa.1, ss.411-416, 2011 (SCI-Expanded)

XCVIII. THE DOMESTIC LIVESTOCK RESOURCES OF TURKEY: CAMELS

Yilmaz O., ERTUĞRUL M., Wilson R. T.

JOURNAL OF CAMEL PRACTICE AND RESEARCH, cilt.18, sa.1, ss.21-24, 2011 (SCI-Expanded)

XCIX. Optical Properties of ZnO Nanorods on Glass Via Spray Deposition of Solution Containing Zinc Chloride and Thiourea

SÖNMEZ E., KARACALI T., EKİNCİ A. E., ERTUĞRUL M.

IEEE TRANSACTIONS ON NANOTECHNOLOGY, cilt.10, sa.3, ss.532-536, 2011 (SCI-Expanded)

C. Effect of different housing systems on fattening performance, slaughter and carcass characteristics of Akkeci (White Goat) male kids

Kor A., Karaca S., ERTUĞRUL M.

TROPICAL ANIMAL HEALTH AND PRODUCTION, cilt.43, sa.3, ss.591-596, 2011 (SCI-Expanded)

CI. Average 2p subshells fluorescence yield values of some elements in the atomic number range $60 \leq Z \leq 90$

ERTUĞRUL M., ORHAN E., ŞİMŞEK Ö., Sahin Y.

JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA, cilt.177, sa.1, ss.19-23, 2010 (SCI-Expanded)

CII. Permittivity determination of liquid materials using waveguide measurements for industrial applications

Hasar U. C., Westgate C. R., ERTUĞRUL M.

IET MICROWAVES ANTENNAS & PROPAGATION, cilt.4, sa.1, ss.141-152, 2009 (SCI-Expanded)

CIII. Noniterative Permittivity Extraction of Lossy Liquid Materials From Reflection Asymmetric Amplitude-Only Microwave Measurements

Hasar U. C., Westgate C. R., ERTUĞRUL M.

IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS, cilt.19, sa.6, ss.419-421, 2009 (SCI-Expanded)

CIV. Measurements of K X-ray fluorescence cross sections of Fe, Co, and Ni in an external magnetic field

GÜROL A., KARABULUT A., ERTUĞRUL M., Budak G.

JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.279, sa.1, ss.171-178, 2009 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. Design and Fabrication of Multi-Magnetron Microwave Oven for High-Temperature Applications

Özmen A., Coşkun A., ERTUĞRUL M.

Turkish Journal of Engineering, cilt.9, sa.1, ss.95-102, 2025 (Scopus)

II. Advances in multi-phase FAPbI₃ perovskite: another perspective on photo-inactive δ -phase

Li J., Zhang S., Mohtar M. N., Jindapetch N., Csarnovics I., Ertuğrul M., Zhao Z., Chen., Lei W., Xu X.

JOURNAL OF SEMICONDUCTORS, cilt.46, sa.5, ss.1-15, 2025 (ESCI)

III. The Effect of Adding La₂O₃ and Fe₂O₃ Binder to The Thick Film SnO₂ Sensor on The Sensor's Properties

AKARSU E., ERTUĞRUL M., İSKENDEROĞLU D.

International Journal of Innovative Research and Reviews, sa.3, ss.19-30, 2022 (Hakemli Dergi)

IV. Structural and optical properties of ZnS thin films prepared at different flow rates by spray pyrolysis technique

Najim A., Hartiti B., Labrim H., Fadili S., Thevenin P., ERTUĞRUL M.

MATERIALS TODAY : PROCEEDINGS, cilt.66, ss.3, 2022 (Scopus)

V. Comparative Study of Titanium Dioxide Thin Films Deposited by Spray Pyrolysis and Dr. Blade Method for Solar Cells Applications

Faddouli A., Hartiti B., MASAT M., ERTUĞRUL M., Fadili S., Hicham L.

SUSTAINABLE ENERGY-WATER-ENVIRONMENT NEXUS IN DESERTS, ss.6, 2022 (Scopus)

- VI. **Enhancing CZTS solar cell parameters using CZTSe BSF layer and nontoxic SnS₂/In₂S₃ buffer layer**
C.Rachidy C., Hartiti B., Touhtouh S., Moujoud S., Faddouli A., Belhora F., ERTUĞRUL M., Fadili S., Stitou M., Thevenin P., et al.
MATERIALS TODAY : PROCEEDINGS, cilt.66, ss.11, 2022 (Scopus)
- VII. **Growth of Transparent Conductive Oxide SnO₂ Thin Film as H₂ Sensor**
SAĞLAM H. K., MASAT M., ERTUĞRUL M.
International Journal of Innovative Research and Reviews, cilt.5, sa.2, ss.69-73, 2021 (Hakemli Dergi)
- VIII. **Effect of Various Precursors on ZnO Thin Films for by USP Technique**
SAĞLAM H. K., SARITAŞ S., ERTUĞRUL M.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.14, sa.3, ss.926-935, 2021 (Hakemli Dergi)
- IX. **The use of unmanned aerial vehicles in the detection of forest fires with a gas detection technique**
MASAT M., SAĞLAM H. K., ERTUĞRUL M., KORUL H.
NanoEra, 2021 (Hakemli Dergi)
- X. **Investigation of the Dependence of Ambipolarity on Channel Thickness for TMDC Based Field Effect Transistors**
ACAR M., ERTUĞRUL M.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.14, ss.825-836, 2021 (Hakemli Dergi)
- XI. **Performance and feasibility study of a new hybrid solar water heater integrated a small water turbine**
Habchi A., Hartiti B., Labrim H., Fadili S., ERTUĞRUL M., Faddouli A., Hajjam N. E., Thevenin P., Ntsoenzok E.
ENERGY STORAGE, cilt.4, sa.3, ss.26, 2021 (ESCI)
- XII. **Fabrication and Analysis Of 2D/3D Heterojunction Between Continuous Few-layer WS₂ Film and Si (100)**
ACAR M., Mobtakeri S., ERTUĞRUL M., GÜR E.
Hittite Journal of Science and Engineering, cilt.8, 2021 (Hakemli Dergi)
- XIII. **A Novel Approach for Production Challenges of Flexible Microstrip Patch Antenna**
KOÇ H., GEYİKOĞLU M. D., ÇAVUŞOĞLU B., ERTUĞRUL M.
Brilliant Engineering, ss.7-12, 2019 (Hakemli Dergi)
- XIV. **Development Of Gel Phantom Having Dielectric Property Equal To Breast Tissue For Medical Metrology And The Effect Of SiC Nanopowders On The Dielectric Constant**
Karabey T., ERTUĞRUL M., EROĞLU H.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.12, sa.3, ss.1567-1578, 2019 (Hakemli Dergi)
- XV. **YBa₂Cu₃O_{7-δ} Thin Film Growth on Different Substrates by Pulsed Laser Deposition**
YURTCAN M. T., ŞİMŞEK Ö., BAYRAM Ö., ERTUĞRUL M.
EASTERN ANATOLIAN JOURNAL OF SCIENCE, cilt.3, sa.2, ss.1-7, 2017 (Hakemli Dergi)
- XVI. **Synthesis and characterization of SnO₂ Ti thin filmsspray deposited**
TATAR D., ERTUĞRUL M.
International Journal of Engineering and Technical Research (IJETR), cilt.2, sa.6, ss.2454-4698, 2016 (Hakemli Dergi)
- XVII. **FABRICATION OF A SUPERHYDROPHOBIC SURFACE WITH SILICA NANOPARTICLES AND POLYTETRAFLUOROETHYLENE**
JAFARPOUR s., ERTUĞRUL M.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.9, sa.1, ss.40-45, 2016 (Hakemli Dergi)
- XVIII. **Investigation of Structural and Optical Properties of CdS CdZnS and CdSnS thin films deposited by Chemical Spray Pyrolysis Technique**
EKİNCİ A. E., MORKOÇ KARADENİZ S., ÇIRAK Ç., KILINÇ T., BOZKURT ÇIRAK B., ERTUĞRUL M.
International Journal of Innovative Research in Technology & Science(IJIRTS), cilt.3, sa.6, ss.43-47, 2015 (Hakemli Dergi)
- XIX. **Dielectric Properties of Al Poly methyl methacrylate PMMA p Si Structures at Temperatures Below 300 K**

- ARAS G., ORHAN E., AKİL BİRKAN S., BİLGE OCAK S., ERTUĞRUL M.
PROCEDIA SOCIAL AND BEHAVIOURAL SCIENCES, cilt.195, ss.1740-1745, 2015 (Hakemli Dergi)
- XX. **Livestock Damage by Carnivores and Use of Livestock Guardian Dogs for its Prevention in Europe - A review**
Yilmaz O., Coskun F., ERTUĞRUL M.
JOURNAL OF LIVESTOCK SCIENCE, ss.23-35, 2015 (ESCI)
- XXI. **A LOCAL LIVESTOCK PROTECTION DOG TYPE RAISED IN COKELEZ MOUNTAIN REGION IN DENİZLİ PROVINCE OF TURKEY**
Yilmaz O., ERTUĞRUL M.
SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE, ss.63-67, 2015 (ESCI)
- XXII. **XRD and SEM Results of WO₃ Thin Films Deposited on Quartz Glasses**
MORKOÇ KARADENİZ S., EKİNCİ A. E., TATAR D., ERTUĞRUL M.
International Journal of Applied Science and Technology, cilt.4, sa.5, ss.136-140, 2014 (Hakemli Dergi)
- XXIII. **Benzocyclobutene BCB 4022 35 Single Mode Rib Waveguides**
ORHAN E., EKİNCİ N., ÖZDEMİR Y., ERTUĞRUL M., ŞAHİN Y., ERDOĞAN H.
Lecture Notes on Photonics and Optoelectronics, cilt.1, sa.1, ss.14-17, 2013 (Hakemli Dergi)
- XXIV. **Investigation of structural morphological and optical properties of electrodeposited SnO₂ thin films**
AYDIN S., TURGUT G., YILMAZ M., TATAR D., DÜZGÜN B., ERTUĞRUL M.
INTERNATIONAL JOURNAL OF PHYSICAL SCIENCES, cilt.34, sa.7, ss.5327-5333, 2012 (Hakemli Dergi)
- XXV. **Live weight and some morphological characteristics of Turkish Tazi (Sighthound) raised in Province of Konya in Turkey**
Yilmaz O., Coskun F., ERTUĞRUL M.
JOURNAL OF LIVESTOCK SCIENCE, ss.98-103, 2012 (ESCI)
- XXVI. **SOME MORPHOLOGICAL TRAITS OF THOROUGHBRED HORSES IN TURKEY**
Yilmaz O., ERTUĞRUL M.
AGROLIFE SCIENTIFIC JOURNAL, ss.157-160, 2012 (ESCI)
- XXVII. **DETERMINATION OF ZERDAVA DOG (KAPI KOPEGI) RAISED IN NORTHEAST OF TURKEY**
Yilmaz O., ERTUĞRUL M.
SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE, ss.258-261, 2012 (ESCI)
- XXVIII. **Some phenotypic traits of mules raised in Sirnak province of Turkey**
Yilmaz O., ERTUĞRUL M., Boztepe S.
JOURNAL OF LIVESTOCK SCIENCE, ss.94-97, 2012 (ESCI)
- XXIX. **Fabrication of ZnO nanorods by simplified spray pyrolysis**
YILMAZ M., TURGUT G., AYDIN S., ERTUĞRUL M.
Bitlis Eren University Journal of Science and Technology, cilt.1, sa.1, ss.1, 2011 (Hakemli Dergi)
- XXX. **XRD AND UV-VIS RESULTS OF TUNGSTEN OXIDE THIN FILMS PREPARED BY CHEMICAL BATH DEPOSITION**
MORKOÇ KARADENİZ S., TUZLUCA YEŞİLBAĞ F. N., EKİNCİ A. E., ERTUĞRUL M., SOLAKYILDIRIM T.
Azerbaijan journal of Physics, cilt.16, sa.2, 2010 (Hakemli Dergi)
- XXXI. **XRD AND AFM RESULTS OF IRON OXIDE THIN FILM PREPARED BY USING CHEMICAL SPRAY PYROLYSIS METHOD**
TUZLUCA YEŞİLBAĞ F. N., MORKOÇ KARADENİZ S., EKİNCİ A. E., ERTUĞRUL M., YEŞİLBAĞ Y. Ö.
Azerbaijan Journal of Physics, cilt.16, sa.2, 2010 (Hakemli Dergi)
- XXXII. **Lise Öğrencilerinin Işık Hakkındaki Yanlış Kavramları**
BÜYÜKKASAP E., DÜZGÜN B., ERTUĞRUL M.
MILLİ EGİTİM, cilt.1, sa.149, 2001 (Hakemli Dergi)

Kitaplar

- I. MEASUREMENT AND ANALYSIS WITH LABVIEW SOFTWARE

ÖZMEN A., COŞKUN A., ERTUĞRUL M.

Academic Studies in Engineering, PROF. ADNAN HAYALOĞLU PH.D, DR. ABDURRAHMAN GÜNDAY, Editör, Gece Kitaplığı / Gece Publishing, Ankara, ss.95-106, 2020

II. **Fizik Eğitiminde Yaparak, Yazarak Bilim Öğretimi**

ERKOL M., ERTUĞRUL M.

Eğitim Yayınevi, Konya, 2019

III. **LABVIEW YAZILIMI İLE ÖLÇME VE ANALİZ**

ÖZMEN A., COŞKUN A., ERTUĞRUL M.

MÜHENDİSLİK ALANINDA ARAŞTIRMA MAKALELERİ, , Editör, Gece Akademi, Ankara, ss.48-59, 2019

IV. **LabVIEW Uygulamaları**

MAVİ A., ERTUĞRUL M.

ERTUAL AKADEMİ, Erzurum, 2016

V. **Bölüm-8: LabVIEW'de Çizelgeler ve Grafikler**

DEMİR Y., ERTUĞRUL M., MAVİ A., AŞKIN F., YURTCAN M. T., DUMAN S., CEVİZ M. A., AYDIN S., KUNDAKÇI M., DAŞ A.

Herkes için LabVIEW 1, Ahmet MAVİ, Editör, Pegem-A, Ankara, ss.295-371, 2012

Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler

I. **A New Hybrid Microwave Absorber Operating in Ultra-Wideband**

ERTUĞRUL M.

2023 6th International Conference on Electronics and Electrical Engineering Technology (EEET 2023), Çin, 1 - 03 Aralık 2023, (Tam Metin Bildiri)

II. **2nd International Conference on Recent Academic Studies ICRAS 2023**

COŞKUN A., ERTUĞRUL M.

Serigrafi Metodu ile YBCO Süperiletken Mikrodalga Rezonatörü Üretimi ve Karakterizasyonu, Konya, Türkiye, 19 - 20 Ekim 2023, cilt.2, ss.465-468, (Tam Metin Bildiri)

III. **Investigation and Production of Hybrid Wires Combining Superconductive MgB2 and Ultra-conductive Graphene/Cu sheath**

KARABOĞA F., FARHANGMEHR M., ÖZMEN A., YETİŞ H., BELENLİ İ., ERTUĞRUL M.

International Conference on Sensor, Detector, Materials Science and Technologies (SensTech-2023), Türkiye, 05 Ekim 2023, (Özet Bildiri)

IV. **Formation of CZTSSe thin films using sputtering technique for solar cell application**

Salman S., Bouchaib H., Ahmed Z., Yasemin A., Salah F., Sedanur K., Philippe T., ERTUĞRUL M.

AMPSECA2023, 25 Mayıs - 26 Mart 2023, (Özet Bildiri)

V. **A hybrid material as a microwave absorber**

ERTUĞRUL M.

Special Issue of the 4th International Symposium on Advanced Materials and Nanotechnology (iSAMN 2020), Malezya, 01 Aralık 2022, (Tam Metin Bildiri)

VI. **Waveguide Design and Application for Multi- Magnetron Microwave Oven**

ÖZMEN A., ERTUĞRUL M.

6th International Conference on Advances in Natural and Applied Sciences (ICANAS-22), Ağrı, Türkiye, 11 Ekim 2022, (Özet Bildiri)

VII. **Synthesis of Transition Metal Fe2AlB2 MAB Phase via High-Temperature Sintering Method**

TUZLUCA YEŞİLBAĞ F. N., YEŞİLBAĞ Y. Ö., COŞKUN Ş., YÜKSEL R., ERTUĞRUL M.

16th NANOSCIENCE & NANOTECHNOLOGY CONFERENCE, Ankara, Türkiye, 5 - 08 Eylül 2022, ss.279, (Özet Bildiri)

VIII. **Investigating Zn Dopent Effect on MgO Thin Film Grown by USP Method**

ERTUĞRUL M., GÜNEY H., İSKENDEROĞLU D., GÜLDÜREN M. E.

ICOLES 2022, Antalya, Türkiye, 19 Mayıs 2022, (Özet Bildiri)

- IX. Energy Efficient Wires: Ultraconductors and Composites**
ERTUĞRUL M.
ICCS & ICCED 2022, Çin, 13 Mayıs 2022, (Özet Bildiri)
- X. Facile elaboration of TiO₂-ZnO based low-cost H₂ gas sensors**
Faddouli A., Hartiti B., Doubi Y., ERTUĞRUL M., SAĞLAM H. K., MASAT M., ÇOBAN Ö., Labrim H., Fadili S., Siadat M.
World Congress on Applied Nanotechnology (W-CAN 2021), Erzurum, Türkiye, 24 - 26 Kasım 2021, (Özet Bildiri)
- XI. Controlling of Absorption threshold of transparent SrF₂-Ge ceramic glass film**
FARHANGMEHR M., ERTUĞRUL M.
World Congress on Applied Nanotechnology, Erzurum, Türkiye, 24 Kasım 2021, (Özet Bildiri)
- XII. Comparison between Silver and Graphite Interdigitated Electrode (IDE) in TiO₂/MWCNT Thick Film on Electrical Properties**
Azlinda A. B., Hamidon M. N., ERTUĞRUL M., Mohd H. Y., Suriati P., Haslina J., Jusoh W. N. W., Shafiee F. N., Nor Hapishah A.
World Congress on Applied Nanotechnology, Erzurum, Türkiye, 24 Kasım 2021, (Tam Metin Bildiri)
- XIII. Ambipolar effect in Field Effect Transistors Based on Transition-Metal Dichalcogenides**
ERTUĞRUL M.
International Symposium on Advanced Materials and Nanotechnology (iSAMN2021), Malezya, 09 Aralık 2021, (Tam Metin Bildiri)
- XIV. Theoretical study of a new smart hybrid solar water heater**
Hartiti B., Hicham L., Fadili S., Habchi A., ERTUĞRUL M.
World Congress on Applied Nanotechnology, Erzurum, Türkiye, 24 Kasım 2021, (Tam Metin Bildiri)
- XV. An Application Of Nanotechnology For Transmission Power Lines: Ultraconductors (W-CAN)**
ERTUĞRUL M.
World Congress on Applied Nanotechnology, Erzurum, Türkiye, 24 Kasım 2021, (Tam Metin Bildiri)
- XVI. Hydrogen sensitivity of TiO₂ Gas Sensor based on different firing temperatures for bottom interdigitated electrode**
Chachuli S. A. M., Hamidon M. N., ERTUĞRUL M., Mamat M. S., ÇOBAN Ö., Idris M. I., Shamsudin N.
World Congress on Applied Nanotechnology, Erzurum, Türkiye, 24 Kasım 2021, (Tam Metin Bildiri)
- XVII. Determination of Trypan Blue Azo Dyestuff by Developing Nanosensor with Electrochemical Method in Different Samples**
GUNDUZ S., NADAROĞLU H., ERTUĞRUL M., ALAYLI A., SAĞLAM H. K.
World Congress on Applied Nanotechnology, Erzurum, Türkiye, 24 Kasım 2021, (Özet Bildiri)
- XVIII. Facile Design of a Metamaterial Absorber for X-band Radar Applications**
COŞKUN A., TEBER A., ERTUĞRUL M.
2nd International Symposium on Applied Sciences and Engineering (ISASE2021), Erzurum, Türkiye, 7 - 09 Nisan 2021, ss.167-170, (Tam Metin Bildiri)
- XIX. Stability and Repeatability Properties of TiO₂/B₂O₃ Thick Film Gas Sensor for Detecting Hydrogen at Optimum Operating Temperature**
Chachuli S. A. M., Hamidon M. N., ERTUĞRUL M., Mamat M. S., ÇOBAN Ö.
2nd International Symposium on Applied Sciences and Engineering (ISASE2021), Erzurum, Türkiye, 07 Nisan 2021, (Tam Metin Bildiri)
- XX. Effect of Sb Doping on the Surface Morphology, Structural, Properties of Zinc Oxide Thin Films**
AKARSU E., ERTUĞRUL M.
2nd International Symposium on Applied Sciences and Engineering (ISASE2021), Erzurum, Türkiye, 7 - 09 Nisan 2021, (Tam Metin Bildiri)
- XXI. MM-RAM Composites as a Wide Band Radar Absorber**
ERTUĞRUL M.
2nd International Symposium on Applied Sciences and Engineering (ISASE2021), Erzurum, Türkiye, 07 Nisan 2021, (Tam Metin Bildiri)
- XXII. A New Technique For Fire Detection In Airplanes**
MASAT M., ERTUĞRUL M.

- 2nd International Symposium on Applied Sciences and Engineering (ISASE2021), Erzurum, Türkiye, 7 - 09 Nisan 2021, (Tam Metin Bildiri)
- XXIII. **An Ultrathin Transparent Metamaterial Absorber Using an ITO Resistive-film**
ÖZTÜRK G., KAYA Y., HASAR U. C., ERTUĞRUL M., ENGİN M. A.
2nd International Symposium on Applied Sciences and Engineering (ISASE2021), Erzurum, Türkiye, 07 Nisan 2021, (Tam Metin Bildiri)
- XXIV. **A DFT study of Electronic and optical properties of Si-doped ZnS for solar device**
Najim A., Hartiti B., ERTUĞRUL M., Hicham L., Fadili S., Thevenin P.
2nd International Symposium on Applied Sciences and Engineering (ISASE2021), Erzurum, Türkiye, 7 - 09 Nisan 2021, (Tam Metin Bildiri)
- XXV. **Calibration-Free Broadband Determination of Soil Permittivity by Coaxial Line Measurements**
HASAR H., ÖZTAŞ T., CANBOLAT M. Y., HASAR U. C., KAYA Y., ASLAN N., ERTUĞRUL M.
2nd International Symposium on Applied Sciences and Engineering (ISASE2021), Erzurum, Türkiye, 7 - 09 Nisan 2021, ss.97-100, (Tam Metin Bildiri)
- XXVI. **Sleep Stage Classification From Polysomnography Signals by Using Long Short Term Memory**
DURANOĞLU TUNÇ H. S., ÖZBEK İ. Y., ERTUĞRUL M.
2020 28th Signal Processing and Communications Applications Conference (SIU), Gaziantep, Türkiye, 5 - 07 Ocak 2020, (Tam Metin Bildiri)
- XXVII. **Influence of DC Current in Cu-Covetics Formation**
ORAL E. A., ERTUĞRUL M., ÖZBEK İ. Y., ÇAVUŞOĞLU B., KARACALI T.
4th International Symposium on Advanced Materials and Nanotechnology 2020 (iSAMN2020), Selangor, Malezya, 1 - 03 Aralık 2020, ss.311-315, (Tam Metin Bildiri)
- XXVIII. **Biosensors for Diagnostics and Monitoring of COVID-19**
ERTUĞRUL M., Hamidon M. N., PARLAK E., PARLAK M.
4 International Symposium on Advanced Materials and Nanotechnology 2020, 1 - 03 Aralık 2020, (Tam Metin Bildiri)
- XXIX. **SnO₂ Ultra Thin Film Gas Sensor Fabricated By Ultrasonic Spray Pyrolysis (USP) Method**
SAĞLAM H. K., MASAT M., ERTUĞRUL M.
i-SAMN2020, Selangor, Malezya, 1 - 03 Aralık 2020, ss.148-152, (Tam Metin Bildiri)
- XXX. **Synthesis and characterization of BCN nanotubes by floating catalyst CVD method**
YEŞİLBAĞ Y. Ö., TUZLUCA YEŞİLBAĞ F. N., HUSEYİN A., TUZLUCA M., ERTUĞRUL M.
The 4th International Symposium on Advanced Materials and Nanotechnology, Malezya, 1 - 03 Aralık 2020, ss.282-287, (Tam Metin Bildiri)
- XXXI. **TiO₂ Thick Film Gas Sensor Fabricated by Screen Printing Method for Airplanes**
MASAT M., SAĞLAM H. K., KORUL H., ERTUĞRUL M.
i-SAMN2020, Selangor, Malezya, 1 - 03 Aralık 2020, ss.143-147, (Tam Metin Bildiri)
- XXXII. **TiO₂/B₂O₃ thick film gas sensor for monitoring carbon monoxide at different operating temperatures**
Hamidon M. N., Chachuli S. A. M., Mamat M. S., Jaafar H., ERTUĞRUL M.
First International Conference on Emerging Electrical Energy, Electronics and Computing Technologies, 30 - 31 Ekim 2019, cilt.1432, ss.12040, (Tam Metin Bildiri)
- XXXIII. **Comparative study of a normal solar water heater and smart thermal/thermoelectric hybrid systems**
Faddouli A., Fadili S., Labrim H., Hartiti B., ERTUĞRUL M., Belouaggadia N., Stitou M.
International Conference on Renewable Energy and Applications (ICREA), Casablanca, Fas, 4 - 05 Aralık 2019, ss.1039-1042, (Tam Metin Bildiri)
- XXXIV. **Two Dimensional Ti₃C₂T_x MXene Electrode For Supercapacitor Application**
TUZLUCA YEŞİLBAĞ F. N., YEŞİLBAĞ Y. Ö., Shafiee F. N., Hamidon M. N., ERTUĞRUL M.
2019 IEEE Regional Symposium on Micro and Nanoelectronics (RSM 2019), Putrajaya, Malezya, 21 - 23 Ağustos 2019, ss.27-29, (Tam Metin Bildiri)
- XXXV. **Production of Energy Efficient Ultraconductive Wires**
ERTUĞRUL M.

iSAMN2019, Putrajaya, Malezya, 19 - 20 Ağustos 2019, ss.35-36, (Tam Metin Bildiri)

XXXVI. Energy Efficient Ultraconductive Wires

ERTUĞRUL M.

ICADET-19, Bayburt, Türkiye, 19 - 21 Eylül 2019, ss.8-9, (Tam Metin Bildiri)

XXXVII. Two Dimensional Ti₃C₂T_x MXenes

ERTUĞRUL M.

ICADET-19, Bayburt, Türkiye, 19 - 21 Eylül 2019, ss.10-12, (Tam Metin Bildiri)

XXXVIII. Effect of the Sensing Layer Resistivity on Sensitivity in DSAWR Sensors

SAĞLAM H. K., Hamidon M. N., ÇOBAN Ö., ERTUĞRUL M.

IEEE Regional Symposium on Micro and Nanoelectronics (IEEE-RSM), Putrajaya, Malezya, 21 - 23 Ağustos 2019, ss.24-26, (Tam Metin Bildiri)

XXXIX. Two Dimensional Ti₃C₂T_x MXene Electrode For Supercapacitor Application

TUZLUCA YEŞİLBAĞ F. N., YEŞİLBAĞ Y. Ö., Shafiee F. N., Hamidon M. N., ERTUĞRUL M.

IEEE Regional Symposium on Micro and Nanoelectronics (IEEE-RSM), Putrajaya, Malezya, 21 - 23 Ağustos 2019, ss.27-29, (Tam Metin Bildiri)

XL. Fabrication of YBCO Metamaterials by Screen Printing Method

COŞKUN A., ÖZMEN A., Aksoy M. A., ERTUĞRUL M.

ISASE2018, Erzurum, Türkiye, 26 - 28 Kasım 2018, ss.105-107, (Tam Metin Bildiri)

XLI. Modeling of DSAWR Sensor for Different Resistance Values of Active Layer

SAĞLAM H. K., ÇOBAN Ö., ERTUĞRUL M.

ISASE 2018, Erzurum, Türkiye, 26 - 28 Kasım 2018, ss.240-241, (Tam Metin Bildiri)

XLII. Hierarchical CuO@CuS core/shell nanowires for supercapacitor electrode materials

YEŞİLBAĞ Y. Ö., TUZLUCA F. N., ERTUĞRUL M.

ISASE2018, 26 - 28 Kasım 2018, ss.131-133, (Tam Metin Bildiri)

XLIII. Enhancement of Energy and Power Density of Batteries and Supercapacitors: Electrode Hybridization

TUZLUCA F. N., YEŞİLBAĞ Y. Ö., ERTUĞRUL M.

ISASE2018, Erzurum, Türkiye, 26 - 28 Kasım 2018, (Tam Metin Bildiri)

XLIV. Determination of Negative Constitutive Parameters Based on a Square Split Ring Resonator Left Handed Metamaterial Using Waveguide

KAYA Y., ÖZTÜRK G., HASAR U. C., ERTUĞRUL M.

INTERNATIONAL SYMPOSIUM ON APPLIED SCIENCES AND ENGINEERING-ISASE2018, Erzurum, Türkiye, 26 - 28 Kasım 2018, ss.154-156, (Tam Metin Bildiri)

XLV. Fabrication of Metal Oxide Carbon Dioxide Detector with Screen Printing Technique for Use on Airplanes

MASAT M., KORUL H., ÇOBAN Ö., ERTUĞRUL M.

ISASE2018, Erzurum, Türkiye, 26 - 28 Kasım 2018, (Tam Metin Bildiri)

XLVI. The formation of transparent Glass-Ceramic thin film with changeable optical absorption

Farhangmehr M., ERTUĞRUL M.

ISASE2018, 26 - 28 Kasım 2018, (Tam Metin Bildiri)

XLVII. Synthesis and Comparison of Various Metal Oxide Electrode Materials for Supercapacitors

TUZLUCA F. N., YEŞİLBAĞ Y. Ö., ERTUĞRUL M.

iSAMN, 15 - 16 Ağustos 2018, (Tam Metin Bildiri)

XLVIII. Facile Synthesis of Co₃O₄ Nanowires on Nickel Foam for Supercapacitor Electrodes

TUZLUCA F. N., YEŞİLBAĞ Y. Ö., ERTUĞRUL M.

i-SAMN2018, 15 - 16 Ağustos 2018, (Tam Metin Bildiri)

XLIX. Synthesis of MnCo₂O₄ nanowires on flexible carbon fiber cloth for high-performance supercapacitors

YEŞİLBAĞ Y. Ö., TUZLUCA F. N., ERTUĞRUL M.

SATF 2018, 17 - 21 Eylül 2018, (Tam Metin Bildiri)

- L. **Synthesis and Characterization of Ultra-Long Boron Nanowires with Chemical Vapor Deposition Method**
TUZLUCA F. N., YEŞİLBAĞ Y. Ö., ŞAHİN B., ERTUĞRUL M.
SATF2018, 17 - 21 Eylül 2018, (Özet Bildiri)
- LI. **Detecting Hydrogen Using TiO₂/Bi₂O₃ Different Operating Temperature**
Chachuli S. A. M., Hamidom M. N., mamat M. S., ERTUĞRUL M.
2018 IEEE International Conference on Semiconductor Electronics (ICSE), Kuala-Lumpur, Malezya, 15 - 17 Ağustos 2018, (Tam Metin Bildiri)
- LII. **A microstrip patch antenna operation on cylindrical structures based on silicon rubber**
KOÇ H., Geyikoğlu D., KABURCUK F., ÇAVUŞOĞLU B., ERTUĞRUL M.
2018 26th Signal Processing and Communications Applications Conference (SIU), Izmir, Turkey, Türkiye, 2 - 05 Mayıs 2018, (Tam Metin Bildiri)
- LIII. **Increasing current carrying capacity of metals by adding metallic carbon nanostructures**
ERTUĞRUL M.
ICSM2018, 29 Nisan - 04 Mayıs 2018, (Özet Bildiri)
- LIV. **DETERMINATION OF ELECTROMAGNETIC PROPERTIES OF BIAXIOTROPIC METAMATERIALS BY A NEW MICROWAVE TECHNIQUE**
YILMAZ İ., HASAR U. C., ERTUĞRUL M.
ICSM2018, 28 Nisan - 04 Mayıs 2018, (Özet Bildiri)
- LV. **A Microstrip Patch Antenna Operation on Cylindrical Structures Based on Silicon Rubber**
KARATAŞ E. T., GEYİKOĞLU M. D., KABURCUK F., ÇAVUŞOĞLU B., ERTUĞRUL M.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Türkiye, 2 - 05 Mayıs 2018, (Tam Metin Bildiri)
- LVI. **New Silicon Based Multisite Microelectrode Fabrication for Neurotransmitter Concentration Detection**
ACAR M., ÖZBEK İ. Y., HACİMÜFTÜOĞLU A., ORAL E. A., ÇAVUŞOĞLU B., SÖNMEZ E., KARACALI T., ERTUĞRUL M., EFEOĞLU H.
NANOTR-13, Türkiye, 17 - 21 Haziran 2014, (Tam Metin Bildiri)
- LVII. **H₂ Gas Sensing Properties Of CuO Nanowires Grown On Copper Foam**
YEŞİLBAĞ Y. Ö., AKTÜRK ÖNBALABAN E., TUZLUCA F. N., ÖZMEN A., ERTUĞRUL M.
13th Nanoscience and Nanotechnology Conference (NANOTR-13), 22 - 25 Ekim 2017, cilt.13, ss.354, (Özet Bildiri)
- LVIII. **Effect of Temperature on Growth of CuO Nanowires by Thermal Oxidation Method**
AKTÜRK ÖNBALABAN E., TUZLUCA F. N., YEŞİLBAĞ Y. Ö., SEVİM F., ERTUĞRUL M.
13th Nanoscience and Nanotechnology Conference (NANOTR-13), Antalya, Türkiye, 22 - 25 Ekim 2017, cilt.13, ss.408, (Özet Bildiri)
- LIX. **Ybco Metamaterials Fabricated By Screen Printing Method**
ÖZMEN A., COŞKUN A., Aksoy M. A., GEYİKOĞLU M. D., ERTUĞRUL M.
International Conference On Condensed Matter And Materials Science-2017 (icmms-17), Adana, Türkiye, 11 - 15 Ekim 2017, ss.83, (Özet Bildiri)
- LX. **Improving The Performance Of Ybco Superconducting Microwave Resonator**
COŞKUN A., ÖZMEN A., Aksoy M. A., Geyikoğlu M. D., ERTUĞRUL M.
International Conference On Condensed Matter And Materials Science-2017 (icmms-17), Adana, Türkiye, 11 - 15 Ekim 2017, ss.82, (Özet Bildiri)
- LXI. **Shielding Effectiveness Analysis Of Transparent Oxide Coated Glass**
Aksoy M. A., ÖZMEN A., COŞKUN A., GEYİKOĞLU M. D., ERTUĞRUL M.
International Conference On Condensed Matter And Materials Science-2017 (icmms-17), Adana, Türkiye, 11 - 15 Ekim 2017, ss.115, (Özet Bildiri)
- LXII. **Cu/MWCNT Kompozit Malzemesinin Yapısal Karakterizasyonu**
Koçak Y., ÖZMEN A., GÜR E., ERTUĞRUL M.
International Conference on Advanced Engineering Technologies(ICADET2017), Bayburt, Türkiye, 21 - 23 Eylül 2017, cilt.1, ss.1541, (Özet Bildiri)

- LXIII. **Ultra-conductors: Carbon nanostructure-metal composite..**
ERTUĞRUL M.
International Conference on Advanced Engineering Technologies (ICADET 2017), Bayburt, Türkiye, 21 - 23 Eylül 2017, (Tam Metin Bildiri)
- LXIV. **One-dimensional CoMn2O4 nanowire arrays for supercapacitor applications**
TUZLUCA F. N., YEŞİLBAĞ Y. Ö., ERTUĞRUL M.
2nd International Symposium on Materials for Energy Storage and Conversion (mESC-IS 2017), Nevşehir, Türkiye, 26 - 28 Eylül 2017, cilt.2, ss.27, (Özet Bildiri)
- LXV. **Co3O4 nanostructures with high supercapacitive performance**
YEŞİLBAĞ Y. Ö., TUZLUCA F. N., ERTUĞRUL M.
2nd International Symposium on Materials for Energy Storage and Conversion (mESC-IS 2017), Nevşehir, Türkiye, 26 - 28 Eylül 2017, cilt.2, ss.29, (Özet Bildiri)
- LXVI. **Application Areas of CST in Microwave Engineering**
KAYA Y., ÖZTÜRK G., HASAR U. C., ERTUĞRUL M.
2nd International Conference on Advanced Engineering Technologies (ICADET 2017), Bayburt, Türkiye, 21 - 23 Eylül 2017, ss.1353, (Özet Bildiri)
- LXVII. **Metamaterials and Usage Areas**
ÖZTÜRK G., KAYA Y., HASAR U. C., ERTUĞRUL M.
2nd International Conference on Advanced Engineering Technologies (ICADET 2017), Bayburt, Türkiye, 21 - 23 Eylül 2017, ss.1354, (Özet Bildiri)
- LXVIII. **Hydrothermal synthesis of MnOOH nanosheet arrays on nickel foam for supercapacitor applications**
TUZLUCA F. N., YEŞİLBAĞ Y. Ö., ERTUĞRUL M.
Turkish Physical Society 33rd International Physics Congress, Muğla, Türkiye, 6 - 10 Eylül 2017, cilt.33, ss.373, (Özet Bildiri)
- LXIX. **CuO nanowires synthesized through thermal oxidation of copper foam for supercapacitor applications**
YEŞİLBAĞ Y. Ö., TUZLUCA F. N., ERTUĞRUL M.
Turkish Physical Society 33rd International Physics Congress, Muğla, Türkiye, 6 - 10 Eylül 2017, cilt.33, ss.367, (Özet Bildiri)
- LXX. **Structural and optical properties of boron-doped ZnO thin films synthesis by spray pyrolysis method**
ERTUĞRAL B., YEŞİLBAĞ Y. Ö., HARMANŞAH Ö., TUZLUCA F. N., ERTUĞRUL M.
Turkish Physical Society 33rd International Physics Congress, Muğla, Türkiye, 6 - 10 Eylül 2017, cilt.33, ss.340, (Özet Bildiri)
- LXXI. **Ultraconductors:Graphene/CNT Metal composites**
ERTUĞRUL M.
MRS-J (International conference on Advanced Materials-ICAM), Kyoto, Japonya, 27 Ağustos - 01 Eylül 2017, (Tam Metin Bildiri)
- LXXII. **Graphene/CNT-Metal Composites and Energy Efficient Ultraconductive-Covetic Materials**
ERTUĞRUL M.
Symposium on Advanced MateriaslNanotechnology (SAMN2017), Kuala-Lumpur, Malezya, 18 - 19 Temmuz 2017, (Tam Metin Bildiri)
- LXXIII. **CuO nanoparticle composite structures with carbonnanotubes**
Koçak Y., ÖZMEN A., ERTUĞRUL M., GÜR E.
Trends in Nanotechnology (TNT 2017), 5 - 09 Haziran 2017, (Özet Bildiri)
- LXXIV. **Magnetron Sputtered Thin Film of Shape Memory Alloys and Their Characterizations**
Rouhi S., Zeybek S., ilhan H., TOPAL E., AKSİT A., KUTLU B., AYDOĞDU Y., ERTUĞRUL M., ÖZYÜZER L.
SATF 2016, İzmir, Türkiye, 19 - 23 Eylül 2016, (Özet Bildiri)
- LXXV. **Investigation of Coherent and Incoherent Scattering Cross Sections Ratios of Some FoilMetals Depending on the Temperature**
Çatal N., ÖZDEMİR Y., ERTUĞRUL M.

IPCAP2016, 25 - 27 Şubat 2016, cilt.707, ss.12007, (Tam Metin Bildiri)

- LXXVI. **Merkez Sinir Sisteminde Nörotransmitterin Seramik Tabanlı Mikroelektrotlarla Ölçülmesi**
ERTUĞRUL M.
ADIM FİZİK GÜNLERİ V, Türkiye, 21 - 23 Nisan 2016, (Özet Bildiri)
- LXXVII. **Synthesis and Characterization of TiO₂ nanotubes by Anodic Oxidation**
MORKOÇ KARADENİZ S., KILINÇ T., BOZKURT ÇIRAK B., ÇIRAK Ç., ERTUĞRUL M., EKİNCİ A. E.
1st International Physics Conference at the Anatolian Peak, Türkiye, 25 - 27 Şubat 2016, (Özet Bildiri)
- LXXVIII. **Investigation of Coherent and Incoherent Scattering Cross Sections Ratios of Some Foil Metals Depending on the Temperature**
Nursel Ç., ÖZDEMİR Y., ERTUĞRUL M.
IPCAP 2016, 25 - 27 Şubat 2016, (Özet Bildiri)
- LXXIX. **Investigation of X-ray Intensity ratios of Some 4d transition metals depending on the temperature**
KAVAZ E., Ahmadi N., ÖZDEMİR Y., ERTUĞRUL M., EKİNCİ N.
IPCAP 2016, 25 - 27 Şubat 2016, (Özet Bildiri)
- LXXX. **Investigation Structural and Optical Properties of Ni and Zn Doped CdO Nanostructures Synthesized by Chemical Bath Deposition Technique**
MORKOÇ KARADENİZ S., KILINÇ T., BOZKURT ÇIRAK B., GÖNEN T., ACUR M., ÇIRAK Ç., ERTUĞRUL M., EKİNCİ A. E.
1st International Physics Conference at the Anatolian Peak, Erzurum, Türkiye, 25 - 27 Şubat 2016, (Özet Bildiri)
- LXXXI. **Fetal Heart Rate Monitoring System (FHRMS)**
Ertugrul D. C., Kanmaz H., Yuksel M. U., Elci A., ERTUĞRUL M.
40th Annual IEEE Computer Software and Applications Conference Symposium (COMPSAC) / Symposium on Software Engineering Technology and Applications (SETA), Georgia, Amerika Birleşik Devletleri, 10 - 14 Haziran 2016, ss.65-70, (Tam Metin Bildiri)
- LXXXII. **The Effect of Bazal Noise Reduction Method for Improving the Limit of Detection LOD of the Microsensor on In Vivo Neurotransmitter Analysis**
KOÇ H., GÜLŞAH K., GEYİKOĞLU M. D., MUHAMMET EMİN D., ACAR M., ÇAVUŞOĞLU B., ÖZBEK İ. Y., ORAL E. A., HACİMÜFTÜOĞLU A., SÖNMEZ E., et al.
ELECTROTECH 2015, 2 - 04 Kasım 2015, (Tam Metin Bildiri)
- LXXXIII. **Fabrication of a New Ceramic based Microelectrode for Measurement of Neurotransmitters in the Central Nervous System**
ACAR M., SHAMSI H., OĞUZHAN O., KOÇ H., ÖZBEK İ. Y., ÇAVUŞOĞLU B., ORAL E. A., HACİMÜFTÜOĞLU A., SÖNMEZ E., KARACALI T., et al.
ELECTROTECH '15, 2 - 04 Ekim 2015, (Tam Metin Bildiri)
- LXXXIV. **Fabrication of A New Ceramic Based Microelectrode for Measurement of Neurotransmitter In The Central Nervous System**
ACAR M., shamsi h., Oyar O., ÖZBEK İ. Y., HACİMÜFTÜOĞLU A., ÇAVUŞOĞLU B., ORAL E. A., KARACALI T., SÖNMEZ E., ERTUĞRUL M., et al.
DAKAM, Electrotech '15, III. International Electrical & Electronic Engineering and Technologies Conference, Türkiye, 2 - 03 Ekim 2015, (Tam Metin Bildiri)
- LXXXV. **The Effect of Molarity on ZnO Nanostructures Synthesized by Chemical Bath Deposition Technique**
BOZKURT ÇIRAK B., MORKOÇ KARADENİZ S., Ozturan M., KILINÇ T., ÇIRAK Ç., EKİNCİ A. E., ERTUĞRUL M.
International Porous and Powder Materials Symposium and Exhibition, PPM 2015, 15 - 18 Eylül 2015, (Özet Bildiri)
- LXXXVI. **Synthesis Characterization and electrochromic properties of WO₃ nanostructures by spin coating technique at different rotation speeds**
ÇIRAK Ç., MORKOÇ KARADENİZ S., KILINÇ T., BOZKURT ÇIRAK B., YELGİN H., EKİNCİ A. E., ERTUĞRUL M.
International Porous and Powder Materials Symposium and Exhibition, PPM 2015, 15 - 18 Eylül 2015, (Özet Bildiri)
- LXXXVII. **Simple Low Cost and Easy to Implementable Package of SiC Diode for High Temperature Applications**
ERTUĞRUL M., HASAR U. C., SÖNMEZ E., TATAR D., MAVİ A., Balta V.
57th Electronic Materials Conference, 24 - 26 Haziran 2015, (Özet Bildiri)

- LXXXVIII. **Low Cost and Easy to Implementable Package of SiC Diode for High Temperature Applications**
ERTUĞRUL M., TATAR D., SÖNMEZ E., MAVİ A., BALTA V.
57th Electronic Materials Conference, Columbus, Amerika Birleşik Devletleri, 24 - 26 Haziran 2015, (Özet Bildiri)
- LXXXIX. **Synthesis of Manganese Oxide Nanosheets for Supercapacitors Using by RF Sputtering**
YEŞİLBAĞ Y. Ö., TUZLUCA F. N., DOĞAN S., ERTUĞRUL M.
11th Nanoscience and Nanotechnology Conference (NanoTR-11), Ankara, Türkiye, 22 - 25 Haziran 2015, (Özet Bildiri)
- XC. **Preparation and Characterization of PDMS Superhydrophobic Surface by Using Microwave Plasma Coating**
JAFARPOUR S., ERTUĞRUL M., FARHANGMEHR M., TUZLUCA F. N., YEŞİLBAĞ Y. Ö., ROUHİ S.
11th Nanoscience and Nanotechnology Conference (NANOTR-11), Ankara, Türkiye, 22 - 25 Haziran 2015, cilt.11, (Özet Bildiri)
- XCI. **High Temperature Synthesis of Single Crystalline In₂O₃ Nanocrystals**
TUZLUCA F. N., YEŞİLBAĞ Y. Ö., ERTUĞRUL M.
11th Nanoscience and Nanotechnology Conference (NANOTR-11), Ankara, Türkiye, 22 - 25 Haziran 2015, cilt.11, (Özet Bildiri)
- XCII. **Au Nanoparticles Effect on Diameter-Controlled Growth of Single Crystalline In₂O₃ Nanowires**
TUZLUCA F. N., YEŞİLBAĞ Y. Ö., ERTUĞRUL M.
11th Nanoscience and Nanotechnology Conference (NANOTR-11), Ankara, Türkiye, 22 - 25 Haziran 2015, cilt.11, (Özet Bildiri)
- XCIII. **Dielectric Properties of Al Poly methyl methacrylate PMMA p Si Structures at Temperatures Below 300 K**
Gonca A., ORHAN E., S Bilge O., Selçuk A. B., ERTUĞRUL M.
World Conference on Technology, Innovation and Entrepreneurship, 28 - 30 Mayıs 2015, (Tam Metin Bildiri)
- XCIV. **The effect of Baseline Noise reduction method for improving The Limit of Detection LOD of The Microsensor on in vivo Neuron Transmitter Analysis**
KOÇ H., Kadihasanoğlu G., Geyikoğlu M. D., Dertli M. E., ACAR M., ÇAVUŞOĞLU B., ÖZBEK İ. Y., ORAL E. A., HACİMÜFTÜOĞLU A., SÖNMEZ E., et al.
ELECTROTECH '15, İstanbul, Türkiye, 02 Ekim 2015, ss.201-205, (Tam Metin Bildiri)
- XCV. **Effect of growth times on the WO₃ nanostructures synthesized by hydrothermal technique**
TURGUT Z., EKİNCİ A. E., MORKOÇ KARADENİZ S., ÇIRAK Ç., KILINÇ T., BOZKURT ÇIRAK B., ERDOĞAN Y., ERTUĞRUL M.
INTERNATIONAL SEMICONDUCTOR SCIENCE TECHNOLOGY CONFERENCE, 11 - 13 Mayıs 2015, (Özet Bildiri)
- XCVI. **Controlling pinning densities using nonsuperconducting nanoisland for YBCO Superconducting Microwave Resonators**
ERTUĞRUL M.
International Conference on Magnetic and Superconducting Materials, Antalya, Türkiye, 30 Nisan - 03 Mayıs 2015, (Özet Bildiri)
- XCVII. **Improving The Limit of Detection (LOD) of Microsensor Used in Detection of Brain Diseases via Wavelet Filter**
KARATAŞ E. T., Kadihasanoğlu G., GEYİKOĞLU M. D., DERTLİ M. E., ÇAVUŞOĞLU B., ÖZBEK İ. Y., ORAL E. A., HACİMÜFTÜOĞLU A., SÖNMEZ E., KARACALI T., et al.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Türkiye, 16 - 19 Mayıs 2015, ss.1676-1679, (Tam Metin Bildiri)
- XCVIII. **Fabrication of Superconducting YBCO Microwave Microstrip Resonators**
ERTUĞRUL M., Aras G., Hasar U. C., YURTCAN M. T., SÖNMEZ E., ŞİMŞEK Ö.
IEEE Regional Symposium on Micro and Nanoelectronics (RSM), Kuala-Terengganu, Malezya, 19 - 21 Ağustos 2015, ss.105-107, (Tam Metin Bildiri)
- XCIX. **Constitutive Parameters Determination of Bi-anisotropic Metamaterials using a Waveguide Method**
Hasar U. C., Bute M., MURATOĞLU A., Barroso J. J., KARACALI T., ERTUĞRUL M.
Microwave and Optoelectronics Conference (IMOC), 2015 SBMO/IEEE MTT-S International, Ipojuca, Brezilya, 3 - 06

Kasım 2015, (Tam Metin Bildiri)

- C. **Microelectrod Fabrication For Diagnosis And Treatment Of Brain Disorders**
ACAR M., Shamsi H., Oyar O., ÖZBEK İ. Y., HACİMÜFTÜOĞLU A., ÇAVUŞOĞLU B., ORAL E. A., KARACALI T., SÖNMEZ E., ERTUĞRUL M., et al.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Türkiye, 16 - 19 Mayıs 2015, ss.2058-2061, (Tam Metin Bildiri)
- CI. **The effects of heat treatment temperature above magnetic properties of the nickel ferrite nanoparticles synthesized with microwave method**
KARCIOĞLU KARAKAŞ Z., BONCUKCUOĞLU R., KARAKAŞ İ. H., ERTUĞRUL M.
9. Nanoscience and Nanotechnology Conference, 2013 (NANOTR 9), Erzurum, Türkiye, 24 - 28 Haziran 2013, (Özet Bildiri)
- CII. **Studies of LiNiO₂ Cathode Material Prepared by Solid State Reaction Technique for Lithium ion Batteries**
YILMAZ M., TURGUT G., KESKENLER E. F., AYDIN S., SÖNMEZ E., ERTUĞRUL M.
9th Nanoscience and Nanotechnology Conference, Erzurum, Turkey, 2013, Erzurum, Türkiye, 24 - 28 Haziran 2013, ss.173, (Tam Metin Bildiri)
- CIII. **Investigation of Si doped ZnO Thin films**
TURGUT G., KESKENLER E. F., AYDIN S., DOĞAN S., İSKENDERÖĞLU D., DUMAN S., ERTUĞRUL M., DÜZGÜN B.
9. Nanobilim ve Nanoteknoloji Konferansı, Türkiye, 24 - 28 Haziran 2013, (Özet Bildiri)
- CIV. **Deposition Pressure Effect on Roughness of YBCO Thin Films**
KILIÇKAYA T., YURTCAN M. T., TATAR D., ŞİMŞEK Ö., ERTUĞRUL M.
9. Ulusal Nanobilim ve Nanoteknoloji Konferansı (NanoTR-9), Erzurum, Türkiye, 24 - 28 Haziran 2013, (Özet Bildiri)
- CV. **Determination of Electromagnetic Properties of Bianisotropic Metamaterials Using a New Microwave Technique**
HASAR U. C., KAYA Y., ERTUĞRUL M.
9th Nanoscience and Nanotechnology Conference, Erzurum, Türkiye, 24 - 28 Haziran 2013, ss.75, (Özet Bildiri)
- CVI. **Characterization of Boron doped ZnO thin films**
TURGUT G., KESKENLER E. F., AYDIN S., DOĞAN S., YILMAZ M., SÖNMEZ E., ERTUĞRUL M.
9 th Nanoscience and Nanotechnology Conference, Türkiye, 20 - 24 Haziran 2013, ss.92
- CVII. **In₂O₃ Nanotowers and Nanochains**
TUZLUCA F. N., YEŞİLBAĞ Y. Ö., EKİNCİ A. E., ERTUĞRUL M.
9th Nanoscience and Nanotechnology Conference (NANOTR-9), Erzurum, Türkiye, 24 - 28 Haziran 2013, cilt.9, ss.237, (Özet Bildiri)
- CVIII. **Structural characterization of aluminum induced polycrystalline silicon films**
kılıçerkan g., CANDAN İ., GÜLLÜ H. H., TURAN R., ERTUĞRUL M., KÜÇÜKPARLAK Ö., ŞEKER S., YILMAZ A.
9th Nanoscience and Nanotechnology Conference, Erzurum, Türkiye, 24 - 28 Haziran 2013, (Özet Bildiri)
- CIX. **In₂O₃ Nanobouquets**
TUZLUCA F. N., YEŞİLBAĞ Y. Ö., EKİNCİ A. E., ERTUĞRUL M.
9th Nanoscience and Nanotechnology Conference (NANOTR-9), Erzurum, Türkiye, 24 - 28 Haziran 2013, cilt.9, ss.236, (Özet Bildiri)
- CX. **Artificial Pinning Centers for Superconducting Microwave Resonators**
ERTUĞRUL M.
IEEE Regional Symposium on Micro and Nanoelectronics (RSM), Malezya, 25 - 27 Eylül 2013, (Tam Metin Bildiri)
- CXI. **Investigation of The Effects of Reaction Temperature in NiFe₂O₄ Nanoparticles Synthesis By Hydrothermal Method**
KARCIOĞLU KARAKAŞ Z., BONCUKCUOĞLU R., ERTUĞRUL M., KARAKAŞ İ. H.
The International Conference Nanomaterials: Applications And Properties, CRIMEA, Ukrayna, 17 - 21 Eylül 2012, (Tam Metin Bildiri)
- CXII. **Electrodeposition of SnO₂ on Ni Substrates**
TURGUT G., AYDIN S., YILMAZ M., İSKENDERÖĞLU D., KESKENLER E. F., TURGUT Ü., ERTUĞRUL M., DÜZGÜN B.

8. Nanobilim ve Nanoteknoloji Konferansı, Türkiye, 25 Haziran - 25 Eylül 2012, (Özet Bildiri)
- CXIII. **Mikrodalga Yöntemiyle Nikel Ferrit Nanopartiküllerin Sentezi ve Karakterizasyonu**
KARCIOĞLU KARAKAŞ Z., BONCUKCUOĞLU R., ERTUĞRUL M., YILMAZ A. E.
Onuncu Ulusal Kimya Mühendisliği Kongresi, Türkiye, 3 - 06 Eylül 2012, (Tam Metin Bildiri)
- CXIV. **H₂S Gas Sensors Using In₂O₃ Nanowires**
TUZLUCA F. N., YEŞİLBAĞ Y. Ö., ERTUĞRUL M.
International Conference on Science for Defense Security (ICSDS-2012), İzmir, Türkiye, 2 - 05 Eylül 2012, cilt.1, ss.25, (Özet Bildiri)
- CXV. **In₂O₃ Nanoneedles Using VLS Technique for Gas Sensors**
TUZLUCA F. N., YEŞİLBAĞ Y. Ö., ERTUĞRUL M.
International Conference on Science for Defense Security (ICSDS-2012), İzmir, Türkiye, 2 - 05 Eylül 2012, cilt.1, ss.26, (Özet Bildiri)
- CXVI. **Exceptional enhancement of photoluminescence lifetime of ZnO nanorodsmaking use of thiourea**
SÖNMEZ E., MERAL K., KOÇYİĞİT A., BATTAL A., TATAR D., TURGUT G., DÜZGÜN B., ERTUĞRUL M.
9th International Conference on Nanoscience and Nanotechnologies (NN12), 3 - 06 Temmuz 2012, ss.246, (Özet Bildiri)
- CXVII. **Nanostructure Tungsten Oxide thin films prepared by Spin Coating Deposition Method using by ITO coated glass substrates**
MORKOÇ KARADENİZ S., ERTUĞRUL M., EKİNCİ A. E., TATAR D.
Nanotr VIII, Türkiye, 25 - 29 Haziran 2012, (Özet Bildiri)
- CXVIII. **The Characterization of NiO thin films on different substrates by spray pyrolysis method**
İSKENDEROĞLU D., Çınar K., SÖNMEZ E., TURGUT G., AYDIN S., ERTUĞRUL M., DÜZGÜN B.
8. Nanobilim ve Nanoteknoloji Konferansı, Türkiye, 25 - 29 Haziran 2012, (Özet Bildiri)
- CXIX. **Electrodeposition of SnO₂ on NiO substrates**
TURGUT G., AYDIN S., YILMAZ M., TATAR D., KESKENLER E. F., TURGUT Ü., ERTUĞRUL M., DÜZGÜN B.
Nanotr VIII, Türkiye, 25 - 29 Haziran 2012, (Özet Bildiri)
- CXX. **A Route to Au-Catalyzed Growth of the Semiconducting In₂O₃ Nanowires**
TUZLUCA F. N., YEŞİLBAĞ Y. Ö., EKİNCİ A. E., ERTUĞRUL M.
8th Nanoscience and Nanotechnology Congress (NANOTR VIII), Ankara, Türkiye, 25 - 29 Haziran 2012, cilt.8, ss.290-291, (Özet Bildiri)
- CXXI. **Catalytic Growth of In₂O₃ Nanoneedles by Vapor Transport**
TUZLUCA F. N., YEŞİLBAĞ Y. Ö., EKİNCİ A. E., ERTUĞRUL M.
8th Nanoscience and Nanotechnology Congress (NANOTR VIII), Ankara, Türkiye, 25 - 29 Haziran 2012, cilt.8, ss.289, (Özet Bildiri)

Patent

Akincioğlu A., Ertuğrul M., Özmen A., ENDÜSTRİYEL MİKRODALGA METAL ERİTME FIRINI, Patent, BÖLÜM H Elektrik, Buluşun Başvuru Numarası: 2023/009060 , Standart Tescil, 2023

Ertuğrul M., Mavi A., Aydın S., Sönmez E., Yüksek akım diyotları için paket sistemi, Patent, BÖLÜM H Elektrik, Buluşun Tescil No: 2020 22678 , Standart Tescil, 2023

Ertuğrul M., Gür E., Koçak Y., Hamidon M. N., Özmen A., CNT-METAL (Al, Cu, VD) ULTRAİLETKEN KOMPOZİT TELLER VE ULTRAİLETKEN TEL ÜRETİMİ İÇİN YÖNTEM VE SİSTEM, Patent, BÖLÜM H Elektrik, Buluşun Tescil No: 2020 15500 , Standart Tescil, 2023

Metrikler

Yayın: 262

Atf (WoS): 3212

Atıf (Scopus): 3249

H-İndeks (WoS): 28

H-İndeks (Scopus): 28

Akademi Dışı Deneyim

TÜBİTAK, TBAG Grup Yürütme Kurulu Üyeliđi

Üniversiteler Arası Kurul, Doçentlik Alt Komisyon Üyeliđi

Oak Ridge National Labotatory (USA), Visitor Scientist

Oak Ridge National Labotatory (USA), Visitor Scientist

Oak Ridge National Labotatory (USA), Visitor Scientist

Oak Ridge National Labotatory (USA), Visitor Scientist

Atatürk Üniversitesi, Yrd.Doç.Dr.

Atatürk Üniversitesi, Arş. Gör.