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Education Information

Doctorate, Erciyes University, Fen Bilimleri, Kimya, Turkey 2008 - 2013

Postgraduate, Erciyes University, Fen Bilimleri, Kimya, Turkey 2006 - 2008

Undergraduate, Erciyes University, Fen Bilimleri, Kimya, Turkey 2001 - 2005

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Bazı Metal Ksantat İnce Filmlerin Kimyasal Depolama Yöntemi ile Elde Eşdeğerlerin İncelenmesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 2013

Postgraduate, katı faz ekstraksiyonu ile eser element zenginleştirilmesi, Erciyes Üniversitesi, Kimya, 2008

Research Areas

Social Sciences and Humanities, Education, Education in Natural Sciences, Education in Chemistry, Basic Sciences, Physics, Interdisciplinary Physics and Related Science and Technology Areas, Materials Science, Chemistry, Physical Chemistry, Spectroscopy, Surface Chemistry

Academic Titles / Tasks

Associate Professor, Erciyes University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 2018 - Continues
Research Assistant PhD, Erciyes University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 2013 - 2018
Research Assistant, Erciyes University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 2005 - 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Antiproliferative effects of 5FU-AgNPs on different breast cancer cells

- Danışman-Kalındemirtaş F., Kariper İ. A., Üstündağ H., Özsoy C., Erdem-Kuruca S.
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- II. Enhanced anticancer effect of newly synthesised albumin-bound Fe(III)-S-Methyl-thiosemicarbazones on breast cancer cells
Danışman-Kalındemirtaş F., Erdem-Kuruca S., Cilaşun G. E., Sert E., Özerkan D., Demirci T. B., Ülküseven B., Kariper İ. A.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.18, no.1, pp.1-18, 2024 (SCI-Expanded)
- III. After-effects of a closed copper mine: detailed analysis of environmental impacts in soil and plant samples
Konanç M. U., Değermenci G. D., Kariper İ. A., Yavuz E.
ENVIRONMENTAL EARTH SCIENCES, vol.83, no.13, pp.1-16, 2024 (SCI-Expanded)
- IV. Hydrovoltaic energy
Bolsu Kariper S., KARİPER İ. A.
Synthetic Metals, vol.305, 2024 (SCI-Expanded)
- V. Photosynthetic Energy Nanogenerators
Kariper S. E. B., KARİPER İ. A.
ENERGY TECHNOLOGY, vol.12, no.7, 2024 (SCI-Expanded)
- VI. Pectin Supercapacitor Applications
Usan H., Kariper S. E. B., KARİPER İ. A., Koc D. I.
NANO, vol.19, no.5, 2024 (SCI-Expanded)
- VII. Comparison of Selenic Acid and Pyruvic Acid-Loaded Silver Nanocarriers Impact on Colorectal Cancer Viability.
Erdemir G., Danışman-Kalindemirtaş F., Kariper İ. A., Kuruca D. S., Özerkan D.
Journal of fluorescence, vol.34, no.3, pp.1025-1037, 2024 (SCI-Expanded)
- VIII. Investigation of electromagnetic shielding effectiveness of nano silver coated stainless steels
Sorgucu U., KARİPER İ. A.
Optical Materials, vol.149, 2024 (SCI-Expanded)
- IX. Effect of acid catalysts on amorphous graphene oxide aerogel production Wirkung saurer Katalysatoren auf die Herstellung von amorpchem Graphenoxid-Aerogel
Kariper S., KARİPER İ. A., MERCAN S., Özden P.
Materialwissenschaft und Werkstofftechnik, vol.55, no.3, pp.330-336, 2024 (SCI-Expanded)
- X. Synthesis and Characterization of Paclitaxel-Loaded Silver Nanoparticles: Evaluation of Cytotoxic Effects and Antimicrobial Activity
TUNÇ T., Hepokur C., KARİPER İ. A.
Bioinorganic Chemistry and Applications, vol.2024, 2024 (SCI-Expanded)
- XI. Molecular mechanisms of resveratrol and its silver nanoparticle conjugate in addressing sepsis-induced lung injury
ÜSTÜNDAĞ H., Kara A., Doğanay S., KURT N., Erbaş E., Kalindemirtaş F. D., KARİPER İ. A.
Naunyn-Schmiedeberg's Archives of Pharmacology, 2024 (SCI-Expanded)
- XII. Implementation of discovery learning-based STEM education with hands-on activities in distance education
Karabulut H., Gökçe H., KARİPER İ. A.
Innovations in Education and Teaching International, 2024 (SSCI)
- XIII. Investigation of photodetector performance based on methylammonium lead halide perovskites/reduced graphene oxide heterostructure
Jaf H. A. O., Pakma O., Özden Ş., KARİPER İ. A., Korkmaz S., Güneşer M. T.
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- XIV. Uranium-anchored carbon nanotube-based hybrid nanostructure: A promising electrode material for high-performance ultracapacitors
KARİPER İ. A., KARAMAN O., KARAMAN C.
CERAMICS INTERNATIONAL, vol.49, no.23, pp.37737-37745, 2023 (SCI-Expanded)

- XV. **Effect of silver doping on electrical characteristics of aluminum/HfO₂/p-silicon metal-oxide-semiconductor devices**
Demir A., Pakma O., Kariper İ. A., Özden Ş., Avcı N.
SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.38, no.12, pp.1-11, 2023 (SCI-Expanded)
- XVI. **Uranium-based electrode material for the high-performance supercapacitors**
KARAMAN C., KARİPER İ. A., KARAMAN O.
Journal of Energy Storage, vol.72, 2023 (SCI-Expanded)
- XVII. **Enhanced Efficacy of Resveratrol Loaded Silver Nanoparticle in Attenuating Sepsis-Induced Acute Liver Injury: Modulation of Inflammation, Oxidative Stress, and SIRT1 Activation.**
Üstündağ H., Danişman Kalindemirtaş F., Doğanay S., Demir Ö., Kurt N., Tahir Huyut M., Özgeriş B., Kariper İ. A.
Shock (Augusta, Ga.), vol.60, pp.688-697, 2023 (SCI-Expanded)
- XVIII. **Aptamer-based impedimetric label-free detection of bisphenol A from water samples using a gold nanoparticle-modified electrochemical nanofilm platform**
Saygılı-Canlıdinç R., ÇAĞLAYAN M. O., KARİPER İ. A., Üstündağ Z., ŞAHİN S.
Journal of Applied Electrochemistry, vol.53, no.11, pp.2239-2248, 2023 (SCI-Expanded)
- XIX. **Electrical and photoresponse properties of metal-polymer-semiconductor device with TMPTA interface material**
Pakma O., Özmen M. E., Özden P., Avcı N., Özden Ş., Kariper İ. A.
JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, vol.34, no.27, pp.1-12, 2023 (SCI-Expanded)
- XX. **Correction to: Comparison of Selenic Acid and Pyruvic Acid-Loaded Silver Nanocarriers Impact on Colorectal Cancer Viability**
Erdemir G., Danişman-Kalindemirtaş F., Kariper İ. A., Kuruca D. S., Özerkan D.
JOURNAL OF FLUORESCENCE, vol.1, no.1, pp.1-2, 2023 (SCI-Expanded)
- XXI. **Preparation of CO₂ adsorbing polyester fabric by treating it with titanium isopropyl alcohol**
KARİPER İ. A.
Indian Journal of Fibre and Textile Research, vol.48, no.3, pp.302-309, 2023 (SCI-Expanded)
- XXII. **Molecular modeling study on the water-electrode surface interaction in hydrovoltaic energy**
SERDAROĞLU G., KARİPER İ. A., Kariper S. E. B.
Scientific reports, vol.13, no.1, pp.12803, 2023 (SCI-Expanded)
- XXIII. **Synthesis and Anticancerogenic Effect of New Generation Ruthenium-Based Nanoparticle from Homalothecium sericeum with Eco-Friendly Method**
Samir N., Özerkan D., Danişman-Kalindemirtaş F., KARİPER İ. A., Bulut H., Kuruca D. S., Altuner E. M., Ulukaya E.
Journal of Pharmaceutical Innovation, vol.18, no.2, pp.756-767, 2023 (SCI-Expanded)
- XXIV. **Pre service teachers' engagement with stem-based hands-on activities in online chemistry laboratory courses**
Coskun Karabulut H., ELCAN KAYNAK N., KARİPER İ. A.
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- XXV. **Tetracycline removal from aqueous solution by electrooxidation using ruthenium-coated graphite anode**
Köktaş İ. Y., GÖKKUŞ Ö., KARİPER İ. A., Othmani A.
Chemosphere, vol.315, 2023 (SCI-Expanded)
- XXVI. **Propolis nanoparticles synthesis and characterization with cytotoxic and apoptotic effects on breast cancer cells**
Ay E. N., Caner A., Özsoy Hepokur C., DANIŞMAN KALINDEMİR TAŞ F., Özen Eroğlu G., KARİPER İ. A.
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- XXVII. **The Novel 5-Fluorouracil Loaded Ruthenium-based Nanocarriers Enhanced Anticancer and Apoptotic Efficiency while Reducing Multidrug Resistance in Colorectal Cancer Cells**
Danişman-Kalindemirtaş F., Özerkan D., KARİPER İ. A., Bulut H.
Journal of Fluorescence, vol.33, 2023 (SCI-Expanded)
- XXVIII. **A new method for synthesis of carbon nanoparticle and its applications**
KARİPER İ. A., ÖZSOY C., DANIŞMAN KALINDEMİR TAŞ F., Kuruca S. E.

- JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.16, no.1, pp.966-975, 2022 (SCI-Expanded)
- XXIX. **Synthesis of MgO thin films: How heat treatment affects their structural, electro-optical, and surface properties**
Meydaneri Tezel F., Veli U., Kariper İ. A.
MATERIALS TODAY COMMUNICATIONS, vol.33, pp.1-10, 2022 (SCI-Expanded)
- XXX. **Engineering of GO/MWCNT/RuO₂ ternary aerogel for high-performance supercapacitor**
Karimi F., Korkmaz S., KARAMAN C., KARAMAN O., KARİPER İ. A.
Fuel, vol.329, 2022 (SCI-Expanded)
- XXXI. **Evaluation of anticancer effects of carboplatin–gelatin nanoparticles in different sizes synthesized with newly self-assembly method by exposure to IR light**
Danışman-Kalındemirtaş F., Kariper İ. A., Erdemir G., Sert E., Erdem-Kuruca S.
SCIENTIFIC REPORTS, vol.12, no.1, pp.1-15, 2022 (SCI-Expanded)
- XXXII. **Irradiated rGO electrode-based high-performance supercapacitors: Boosting effect of GO/rGO mixed nanosheets on electrochemical performance**
KARAMAN O., KARİPER İ. A., Korkmaz S., Karimi-Maleh H., Usta M., KARAMAN C.
Fuel, vol.328, 2022 (SCI-Expanded)
- XXXIII. **Structural, surface, optical, and antimicrobial characterization of I₂/Polymethyl methacrylate and CuS/I₂/polymethyl methacrylate thin films**
Meydaneri Tezel F., Kariper İ. A., Kaan D., Bahar D.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.99, no.11, pp.1-8, 2022 (SCI-Expanded)
- XXXIV. **Production of diamond-like carbon powder in nano size**
KARİPER İ. A.
BULLETIN OF MATERIALS SCIENCE, vol.45, no.4, 2022 (SCI-Expanded)
- XXXV. **Direct utilization of radioactive irradiated graphite as a high-energy supercapacitor a promising electrode material**
Karimi-Maleh H., Kariper İ. A., Karaman C., Korkmaz S., Karaman O.
FUEL, vol.325, pp.1-15, 2022 (SCI-Expanded)
- XXXVI. **The evaluation of anticancer activity by synthesizing 5FU loaded albumin nanoparticles by exposure to UV light.**
Kalındemirtaş F. D., Kariper İ. A., Sert E., Okşak N., Kuruca S. E.
Toxicology in vitro : an international journal published in association with BIBRA, vol.84, pp.105435, 2022 (SCI-Expanded)
- XXXVII. **The performance of a new electrolyte for organic supercapacitors: Poly(hydridocarbyne)**
Kariper İ. A.
Journal of the Indian Chemical Society, vol.99, no.10, 2022 (SCI-Expanded)
- XXXVIII. **The electrical characterization of metal–insulator–semiconductor device with β-naphthol orange interface**
Özerden E., Özden P., Afşin Kariper İ. A., Pakma O.
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- XXXIX. **Production and characterization of Cu-doped perovskite thin film electrodes for supercapacitors**
Tezel M., Gueven F. N., KARİPER İ. A.
INORGANIC CHEMISTRY COMMUNICATIONS, vol.143, 2022 (SCI-Expanded)
- XL. **Determination of the chemical composition and Raman characterization of barite samples from Denizli and Akdamadeni, Turkey, using Energy Dispersive X-ray fluorescence and Raman microscopy**
KADIOĞLU Y. K., KARİPER İ. A., Üstündağ İ.
Journal of the Indian Chemical Society, vol.99, no.9, 2022 (SCI-Expanded)
- XLI. **High energy supercapacitors based on functionalized carbon nanotubes: Effect of atomic oxygen doping via various radiation sources**
KARİPER İ. A., Korkmaz S., KARAMAN C., KARAMAN O.
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- XLII. **MWCNT/Ruthenium hydroxide aerogel supercapacitor production and investigation of**

- electrochemical performances.**
Korkmaz S., Kariper İ. A., Karaman C., Karaman O.
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- XLIII. Physical investigations of vanadium oxide thin films on p-Si substrate**
Bilgen Y., Pakma O., KARİPER İ. A., Ozden S.
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- XLIV. A critical review: Electromagnetic shielding for pyrrole used textile materials**
Bicer N., Celik I. T., KARİPER İ. A.
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- XLV. Influence of illumination intensity on the electrical properties of Al/NOA65/p-Si/Al heterojunction MPS device**
Ozden S., Avci N., Pakma O., KARİPER İ. A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.33, no.16, pp.12796-12807, 2022 (SCI-Expanded)
- XLVI. Temperature Dependent Current Transport Mechanism of Photopolymer Based Al/NOA60/p-Si MPS Device**
Ozden S., Avci N., Pakma O., KARİPER İ. A.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.32, no.5, pp.1810-1818, 2022 (SCI-Expanded)
- XLVII. Electroanalytical Determination of Sudan I Using Gold Nanoparticle/Graphene Nanoribbons-Modified Glassy Carbon Electrode**
Asik I., Ustundag Z., KARİPER İ. A.
ELECTROCATALYSIS, vol.13, no.3, pp.338-347, 2022 (SCI-Expanded)
- XLVIII. The role of deposition temperatures on supercapacitor evaluation of modified MWCNT/molybdenum oxide thin films**
Tezel F. M., Tamer S., KARİPER İ. A.
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- XLIX. PROJECT STAR (Midwestern Prevention Project): Overview**
Göçmen A., Derin N., Metin A., Kariper İ. A.
JOURNAL OF COMMUNITY PSYCHOLOGY, vol.50, no.3, pp.1361-1375, 2022 (SSCI)
- L. Conductive Ink Next Generation Materials: Silver Nanoparticle/Polyvinyl Alcohol/Polyaniline**
KARİPER İ. A.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.32, no.4, pp.1277-1286, 2022 (SCI-Expanded)
- LI. BaTiO₃-based nanogenerators: fundamentals and current status**
Korkmaz S., KARİPER İ. A.
JOURNAL OF ELECTROCERAMICS, vol.48, no.1, pp.8-34, 2022 (SCI-Expanded)
- LII. The production of rGO/ RuO₂ aerogel supercapacitor and analysis of its electrochemical performances**
Korkmaz S., KARİPER İ. A., KARAMAN O., KARAMAN C.
Ceramics International, vol.47, pp.34514-34520, 2021 (SCI-Expanded)
- LIII. Synthesis and characterization of RuO₂ thick film supercapacitor electrode: the effect of low temperature**
KARİPER İ. A., Tezel F. M.
BULLETIN OF MATERIALS SCIENCE, vol.44, no.4, 2021 (SCI-Expanded)
- LIV. NOA61 photopolymer as an interface for Al/NOA61/p-Si/Al heterojunction MPS device**
Ozden S., Avci N., Pakma O., KARİPER İ. A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.23, pp.27688-27697, 2021 (SCI-Expanded)
- LV. Reduced graphene oxide/molybdenum oxide thin films and its' capacitance properties: Different**

- substrates effect**
- Korkmaz S., Tezel F. M., KARİPER İ. A.
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- LVI. **Pyroelectric nanogenerators (PyNGs) in converting thermal energy into electrical energy: Fundamentals and current status**
- Korkmaz S., KARİPER İ. A.
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- LVII. **Effects of pH on the optical, structural and supercapacitive properties of BiTe thin films produced via CBD**
- Tezel N. S., Tezel F. M., KARİPER İ. A.
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- LVIII. **Review of international programs fighting against drugs**
- Göçmen A., Derin N., METİN A., ÖZTÜRK M. E., KARİPER İ. A.
Journal of Substance Use, vol.26, pp.228-233, 2021 (SSCI)
- LIX. **A sensitive spectrophotometric ellipsometry based Aptasensor for the vascular endothelial growth factor detection**
- KARİPER İ. A., Üstündağ Z., Caglayan M. O.
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- LX. **A low-cost, high-efficiency, new generation material for fog harvesting fumed silica-doped polypropylene**
- KARİPER İ. A.
NPJ CLEAN WATER, vol.4, no.1, 2021 (SCI-Expanded)
- LXI. **A NEW APPROACH TO PREPARE POLYCRYSTALLINE PbTe-TeO THIN FILM, AND ITS OPTICAL, STRUCTURAL, SURFACE AND ELECTRICAL CHARACTERIZATION**
- Tezel F. M., KARİPER İ. A.
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- LXII. **Production and applications of flexible/wearable triboelectric nanogenerator (TENGs)**
- Korkmaz S., KARİPER İ. A.
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- LXIII. **Synthesize of WO₃ thin film supercapacitor and its characterization**
- KARİPER İ. A., Tezel F. M., GÖKKUŞ Ö.
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- LXIV. **Selective cytotoxicity of paclitaxel bonded silver nanoparticle on different cancer cells**
- Danışman-Kalındemirtaş F., Kariper İ. A., HEPOKUR C., Erdem-Kuruca S.
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- LXV. **Effects of deposition temperatures on the supercapacitor cathode performances of GO:SnSbS/Si thin films**
- Korkmaz S., Tezel F. M., KARİPER İ. A., Serin A.
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- LXVI. **Synthesis and characterization of magnesium oxide / silver oxide electrode for supercapacitors by simple Sol-Gel process**
- KARİPER İ. A., MEYDANERİ TEZEL F.
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- LXVII. **Aerogel based nanogenerators: Production methods, characterizations and applications**
- Korkmaz S., KARİPER İ. A.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.44, no.14, pp.11088-11110, 2020 (SCI-Expanded)
- LXVIII. **The synthesis of GO: SnSbS thin films and the analysis of its electrochemical performance**
- Tezel F. M., Korkmaz S., Serin A., KARİPER İ. A.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.838, 2020 (SCI-Expanded)
- LXIX. **Radioactive rays shielding film: coating on amorphous glass**
- KARİPER İ. A., MEYDANERİ TEZEL F., Usta M.

- OPTICAL AND QUANTUM ELECTRONICS, vol.52, no.10, 2020 (SCI-Expanded)
- LXX. **A NOVEL METHOD FOR PRODUCING NANOSTRUCTURED CdSe THIN FILM**
KARİPER İ. A.
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- LXXI. **Effect of acids on thermal insulation of solid powder silica aerogels**
Afşin Kariper İ. A.
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- LXXII. **STRUCTURAL AND OPTICAL PROPERTIES OF UNDOPED AND SILVER, LITHIUM AND COBALT-DOPED ZnO THIN FILMS**
MEYDANERİ TEZEL F., KARİPER İ. A.
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- LXXIII. **AMORPHOUS PbSe THIN FILM PRODUCED BY CHEMICAL BATH DEPOSITION AT pH OF 5-8**
Kariper İ. A.
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- LXXIV. **Fog harvesting against water shortage**
Korkmaz S., KARİPER İ. A.
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- LXXV. **Facile synthesis and characterization of graphene oxide/tungsten oxide thin film supercapacitor for electrochemical energy storage**
Korkmaz S., Tezel F. M., KARİPER İ. A.
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- LXXVI. **Graphene and graphene oxide based aerogels: Synthesis, characteristics and supercapacitor applications**
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- LXXVII. **Glass formation, production and superior properties of Zr-based thin film metallic glasses (TFMGs): A status review**
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- LXXVIII. **Silver nanoparticle/capecitabine for breast cancer cell treatment**
ÖZSOY C., KARİPER İ. A., MISIR S., Ay E., Tunoglu S., Ersez M. S., ZEYBEK Ş. Ü., KURUCA D. S., YAYLIM İ.
TOXICOLOGY IN VITRO, vol.61, 2019 (SCI-Expanded)
- LXXIX. **Evaluation of nanomanganese decorated typha tassel carbonaceous electrode: preparation, characterization, and simultaneous determination of Cd²⁺ and Pb²⁺**
Gulesen M., Erkal-Aytemur A., Yavuz S., Akbulut A., Kariper I. A., Üstündağ İ.
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- LXXX. **Ag-doped HfO₂ thin films via sol-gel dip coating method**
Pakma O., Kaval S., KARİPER İ. A.
Optical and Quantum Electronics, vol.51, no.10, 2019 (SCI-Expanded)
- LXXXI. **Amorphous PbSe Thin Film with Chemical Bath Deposition at pH: 5-8**
Kariper I. A.
Surface Review And Letters, vol.1, no.1, pp.1-5, 2019 (SCI-Expanded)
- LXXXII. **Elemental monitoring of street dusts in Konya in Turkey**
Kariper I. A., Üstündağ İ., Deniz K., Mülazimoğlu İ. E., Erdogan S., Kadioğlu Y. K.
MICROCHEMICAL JOURNAL, vol.148, pp.338-345, 2019 (SCI-Expanded)
- LXXXIII. **The impact of pH on the structural, surface, electrical and optical properties of nanostructured PbSe thin films**
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MATERIALS RESEARCH EXPRESS, vol.6, no.7, 2019 (SCI-Expanded)
- LXXXIV. **Electrocatalytic effect of nano-wrinkled layer carbonaceous electrode: determination of folic acid by differential pulse voltammetry**

- Erkal-Aytemur A., Ustundag I., KARİPER İ. A., Caglayan M. O., Ustundag Z.
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- LXXXV. **UV region supercapacitor: Bi-doped natural MgO rock salt thin film**
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- LXXXVI. **Impact of Organic Acids on the Hardness of Silica Xerogels**
KARİPER İ. A.
SILICON, vol.11, no.2, pp.1159-1163, 2019 (SCI-Expanded)
- LXXXVII. **Crystalline TeO₂ thin film with chemical bath deposition**
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- LXXXVIII. **Surface and electro-optical properties of amorphous Sb₂S₃ thin films**
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KARİPER I. A., Demir katkılı Tellur ksantat kapasitörlerin sentezi ve üretimi (Başvuruldu), Patent, CHAPTER C Chemistry; Metallurgy, Standard Registration, 2016

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Activities in Scientific Journals

Journal of Turkish Applied Sciences and Engineering, Committee Member, 2016 - Continues

Materials Magazines, Editor, 2016 - Continues

Education (Science PG), Special Issue Editor, 2015 - Continues

Current Physical Chemistry, Special Issue Editor, 2014 - Continues

International Journal of Materials Science and Applications, Special Issue Editor, 2014 - Continues

Journal of European Education, Assistant Editor/Section Editor, 2012 - Continues

European Journal of Physics Educaiton, Assistant Editor/Section Editor, 2012 - Continues

Current Physical Chemistry, Special Issue Editor, 2014 - 2014

Letters in Applied NanoBioScience, Special Issue Editor, 2014 - 2014

Journal of Chemistry Education, Evaluation Committee Member, 2010 - 2010

Memberships / Tasks in Scientific Organizations

2016 Global Conference on Polymer and Composite Materials (PCM2016), Member, 2015 - 2015

2015 Global Conference on Polymer and Composite Materials (PCM 2015), Consultant, 2015 - 2015

Scientific Refereeing

Journal of Basic and Applied Research international, SCI Journal, December 2015

Surface Review and Letters, SCI Journal, December 2015

AIP Advances, SCI Journal, December 2015

Electrocatalysis, SCI Journal, November 2015

Journal of Materials Research, SCI Journal, July 2015

Acta Metallurgica Sinica, SCI Journal, April 2015

Int. J. of Surface Science and Engineering, SCI Journal, March 2015

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Physical Science International Journal, SCI Journal, December 2014
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Computers Education, SCI Journal, January 2013
Journal of Hazardous, SCI Journal, February 2009
Analytical Letters, SCI Journal, January 2009

Scientific Consultations

2016 Global Conference on Polymer and Composite Materials (PCM2016), Other, Erciyes University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, Turkey, 2015 - 2015
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Metrics

Publication: 257
Citation (WoS): 2048
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Turkish Physical Society 29. International Physics Conference, Attendee, İzmir, Turkey, 2012
II. Eğitim Bilimleri Öğrenci Araştırmaları Kongresi, Attendee, Kayseri, Turkey, 2012
VI. Ulusal Analitik Kimya Kongresi, Attendee, Hatay, Turkey, 2012
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Türk Fizik Kongresi, Attendee, İzmir, Turkey, 2011
I. Eğitim Bilimleri Öğrenci Sempozyumu, Attendee, Kayseri, Turkey, 2011
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Awards

Kariper I. A., Katı Toz Silika Aerojellerin Isı Yalıtımına Asitlerin Etkisi, İkmib, April 2019

Kariper I. A., Havayı Temizleyen Polyester, İkmib, April 2019

Kariper I. A., Bor ve dekstrin katkılı emprenye boyalar, İkmib, April 2018

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Non Academic Experience

Erciyes Üniv.