

Prof. İSHAK AFŞİN KARİPER

Personal Information

Email: akariper@erciyes.edu.tr

Web: <https://avesis.erciyes.edu.tr/akariper/>

International Researcher IDs

ScholarID: Q0ww3ssAAAAJ

ORCID: 0000-0001-9127-301X

ScopusID: 36082637200

Yoksis Researcher ID: 118588

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 Eldesi ve 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

1. Enhanced anticancer effect of newly synthesised albumin-bound Fe(III)-S-Methyl-

thiosemicarbazones on breast cancer cells

Danişman-Kalındemirtaş F., Erdem-Kuruca S., Cilasun 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)

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

Danişman-Kalındemirtaş F., Kariper İ. A., Üstündağ H., Özsoy C., Erdem-Kuruca S.

JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.18, no.1, pp.1-12, 2024 (SCI-Expanded)

III. Resveratrol-Loaded Silver Nanoparticles as an Effective Strategy for Targeted Breast Cancer Therapy

Topçu E., Hepokur C., Kariper İ. A., Emre Öksüz K., Yaylim İ.

CHEMISTRYSELECT, vol.9, no.41, pp.1-9, 2024 (SCI-Expanded)

IV. 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., Kalındemirtaş F. D., KARİPER İ. A.

Naunyn-Schmiedeberg's Archives of Pharmacology, vol.397, no.8, pp.6249-6261, 2024 (SCI-Expanded)

V. After-effects of a closed copper mine: detailed analysis of environmental impacts in soil and plant samples

Konanc M. U., Değermenci G. D., Kariper İ. A., Yavuz E.

ENVIRONMENTAL EARTH SCIENCES, vol.83, no.13, pp.1-16, 2024 (SCI-Expanded)

VI. Hydrovoltaic energy

Bolsu Kariper S., KARİPER İ. A.

Synthetic Metals, vol.305, 2024 (SCI-Expanded)

VII. Photosynthetic Energy Nanogenerators

Kariper S. E. B., KARİPER İ. A.

ENERGY TECHNOLOGY, vol.12, no.7, 2024 (SCI-Expanded)

VIII. Shielding performance of nano palladium-coated stainless steels against electromagnetic interference in 5G networks

Sorgucu U., Kariper İ. A.

WAVES IN RANDOM AND COMPLEX MEDIA, vol.1, no.1, pp.1-19, 2024 (SCI-Expanded)

IX. Comparison of Selenic Acid and Pyruvic Acid-Loaded Silver Nanocarriers Impact on Colorectal Cancer Viability.

Erdemir G., Danişman-Kalındemirtaş F., Kariper İ. A., Kuruca D. S., Özerkan D.

Journal of fluorescence, vol.34, no.3, pp.1025-1037, 2024 (SCI-Expanded)

X. Pectin Supercapacitor Applications

Usan H., Kariper S. E. B., KARİPER İ. A., Koc D. I.

NANO, vol.19, no.5, 2024 (SCI-Expanded)

XI. Investigation of electromagnetic shielding effectiveness of nano silver coated stainless steels

Sorgucu U., KARİPER İ. A.

Optical Materials, vol.149, 2024 (SCI-Expanded)

XII. Effect of acid catalysts on amorphous graphene oxide aerogel production Wirkung saurer Katalysatoren auf die Herstellung von amorphem Graphenoxid-Aerogel

Kariper S., KARİPER İ. A., MERCAN S., Özden P.

Materialwissenschaft und Werkstofftechnik, vol.55, no.3, pp.330-336, 2024 (SCI-Expanded)

XIII. 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)

XIV. 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)

- XV. **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.
Journal of Materials Science: Materials in Electronics, vol.34, no.34, 2023 (SCI-Expanded)
- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **Aptamer-based impedimetric label-free detection of bisphenol A from water samples using a gold nanoparticle-modified electrochemical nanofilm platform**
Saygılı-Canlıdınç 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)
- XX. **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 Kalındemirtaş 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)
- 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. **Correction to: Comparison of Selenic Acid and Pyruvic Acid-Loaded Silver Nanocarriers Impact on Colorectal Cancer Viability**
Erdemir G., Danişman-Kalındemirtaş F., Kariper İ. A., Kuruca D. S., Özerkan D.
JOURNAL OF FLUORESCENCE, vol.1, no.1, pp.1-2, 2023 (SCI-Expanded)
- XXIII. **Electrical and photoresponse properties of metal-polymer-semiconductor device with TMPTA interface material**
Pakma O., Özenç 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)
- XXIV. **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)
- XXV. **Synthesis and Anticancerogenic Effect of New Generation Ruthenium-Based Nanoparticle from Homalothecium sericeum with Eco-Friendly Method**
Samir N., Özerkan D., Danişman-Kalındemirtaş 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)
- XXVI. **Pre service teachers' engagement with stem-based hands-on activities in online chemistry laboratory courses**
Coskun Karabulut H., ELCAN KAYNAK N., KARİPER İ. A.
RESEARCH IN SCIENCE & TECHNOLOGICAL EDUCATION, 2023 (SSCI)
- XXVII. **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)
- XXVIII. **Propolis nanoparticles synthesis and characterization with cytotoxic and apoptotic effects on breast cancer cells**

- Ay E. N., Caner A., Özsoy Hepokur C., DANIŞMAN KALINDEMİRTAŞ F., Özen Eroğlu G., KARİPER İ. A.
Journal of Taibah University for Science, vol.17, no.1, 2023 (SCI-Expanded)
- XXIX. **The Novel 5-Fluorouracil Loaded Ruthenium-based Nanocarriers Enhanced Anticancer and Apoptotic Efficiency while Reducing Multidrug Resistance in Colorectal Cancer Cells**
Danışman-Kalindemirtaş F., Özerkan D., KARİPER İ. A., Bulut H.
Journal of Fluorescence, vol.33, 2023 (SCI-Expanded)
- XXX. **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)
- XXXI. **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)
- XXXII. **A new method for synthesis of carbon nanoparticle and its applications**
KARİPER İ. A., ÖZSOY C., DANIŞMAN KALINDEMİRTAŞ F., Kuruca S. E.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.16, no.1, pp.966-975, 2022 (SCI-Expanded)
- XXXIII. **Evaluation of anticancer effects of carboplatin–gelatin nanoparticles in different sizes synthesized with newly self-assembly method by exposure to IR light**
Danışman-Kalindemirtaş F., Kariper İ. A., Erdemir G., Sert E., Erdem-Kuruca S.
SCIENTIFIC REPORTS, vol.12, no.1, pp.1-15, 2022 (SCI-Expanded)
- XXXIV. **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)
- XXXV. **Production of diamond-like carbon powder in nano size**
KARİPER İ. A.
BULLETIN OF MATERIALS SCIENCE, vol.45, no.4, 2022 (SCI-Expanded)
- XXXVI. **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)
- XXXVII. **The evaluation of anticancer activity by synthesizing 5FU loaded albumin nanoparticles by exposure to UV light.**
Kalindemirtaş 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)
- XXXVIII. **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)
- XXXIX. **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)
- XL. **The electrical characterization of metal–insulator–semiconductor device with β-naphthol orange interface**
Özerden E., Özden P., Afşin Kariper İ. A., Pakma O.
Journal of Materials Science: Materials in Electronics, vol.33, no.26, pp.20900-20910, 2022 (SCI-Expanded)
- XLI. **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)

- XLII. **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.
FUEL, vol.324, 2022 (SCI-Expanded)
- XLIII. **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)
- XLIV. **MWCNT/Ruthenium hydroxide aerogel supercapacitor production and investigation of electrochemical performances.**
Korkmaz S., Kariper İ. A., Karaman C., Karaman O.
Scientific reports, vol.12, no.1, pp.12862, 2022 (SCI-Expanded)
- XLV. **Physical investigations of vanadium oxide thin films on p-Si substrate**
Bilgen Y., Pakma O., KARİPER İ. A., Ozden S.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.33, no.20, pp.16263-16271, 2022 (SCI-Expanded)
- XLVI. **A critical review: Electromagnetic shielding for pyrrole used textile materials**
Bicer N., Celik I. T., KARİPER İ. A.
JOURNAL OF INDUSTRIAL TEXTILES, vol.51, no.1_SUPPL, 2022 (SCI-Expanded)
- XLVII. **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)
- XLVIII. **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)
- XLIX. **The role of deposition temperatures on supercapacitor evaluation of modified MWCNT/molybdenum oxide thin films**
Tezel F. M., Tamer S., KARİPER İ. A.
PHYSICA B-CONDENSED MATTER, vol.633, 2022 (SCI-Expanded)
- L. **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)
- LI. **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)
- LII. **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)
- LIII. **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)
- LIV. **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)
- LV. **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)

- LVI. **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)
- LVII. **Reduced graphene oxide/molybdenum oxide thin films and its' capacitance properties: Different substrates effect**
Korkmaz S., Tezel F. M., KARİPER İ. A.
JOURNAL OF ENERGY STORAGE, vol.40, 2021 (SCI-Expanded)
- LVIII. **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.
BULLETIN OF MATERIALS SCIENCE, vol.44, no.2, 2021 (SCI-Expanded)
- LIX. **Pyroelectric nanogenerators (PyNGs) in converting thermal energy into electrical energy: Fundamentals and current status**
Korkmaz S., KARİPER İ. A.
NANO ENERGY, vol.84, 2021 (SCI-Expanded)
- LX. **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)
- LXI. **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)
- LXII. **A NEW APPROACH TO PREPARE POLYCRYSTALLINE PbTe-TeO THIN FILM, AND ITS OPTICAL, STRUCTURAL, SURFACE AND ELECTRICAL CHARACTERIZATION**
Tezel F. M., KARİPER İ. A.
SURFACE REVIEW AND LETTERS, vol.28, no.04, 2021 (SCI-Expanded)
- LXIII. **A sensitive spectrophotometric ellipsometry based Aptasensor for the vascular endothelial growth factor detection**
KARİPER İ. A., Üstündağ Z., Caglayan M. O.
Talanta, vol.225, 2021 (SCI-Expanded)
- LXIV. **Production and applications of flexible/wearable triboelectric nanogenerator (TEGNS)**
Korkmaz S., KARİPER İ. A.
Synthetic Metals, vol.273, 2021 (SCI-Expanded)
- LXV. **Selective cytotoxicity of paclitaxel bonded silver nanoparticle on different cancer cells**
Danışman-Kalındemirtaş F., Kariper İ. A., HEPOKUR C., Erdem-Kuruca S.
Journal of Drug Delivery Science and Technology, vol.61, 2021 (SCI-Expanded)
- LXVI. **Synthesize of WO₃ thin film supercapacitor and its characterization**
KARİPER İ. A., Tezel F. M., GÖKKUŞ Ö.
PHYSICS LETTERS A, vol.388, 2021 (SCI-Expanded)
- LXVII. **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.
JOURNAL OF ENERGY STORAGE, vol.33, 2021 (SCI-Expanded)
- LXVIII. **Synthesis and characterization of magnesium oxide / silver oxide electrode for supercapacitors by simple Sol-Gel process**
KARİPER İ. A., MEYDANERİ TEZEL F.
Journal of Energy Storage, vol.32, 2020 (SCI-Expanded)

- LXIX. **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)
- LXX. **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)
- LXXI. **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)
- LXXII. **A NOVEL METHOD FOR PRODUCING NANOSTRUCTURED CdSe THIN FILM**
KARİPER İ. A.
SURFACE REVIEW AND LETTERS, vol.27, no.7, 2020 (SCI-Expanded)
- LXXIII. **Effect of acids on thermal insulation of solid powder silica aerogels**
Afşin Kariper İ. A.
Ceramics International, vol.46, no.7, pp.8669-8674, 2020 (SCI-Expanded)
- LXXIV. **STRUCTURAL AND OPTICAL PROPERTIES OF UNDOPED AND SILVER, LITHIUM AND COBALT-DOPED ZnO THIN FILMS**
MEYDANERİ TEZEL F., KARİPER İ. A.
SURFACE REVIEW AND LETTERS, vol.27, no.4, 2020 (SCI-Expanded)
- LXXV. **AMORPHOUS PbSe THIN FILM PRODUCED BY CHEMICAL BATH DEPOSITION AT pH OF 5-8**
Kariper İ. A.
SURFACE REVIEW AND LETTERS, vol.27, no.4, 2020 (SCI-Expanded)
- LXXVI. **Fog harvesting against water shortage**
Korkmaz S., KARİPER İ. A.
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- LXXVII. **Facile synthesis and characterization of graphene oxide/tungsten oxide thin film supercapacitor for electrochemical energy storage**
Korkmaz S., Tezel F. M., KARİPER İ. A.
Physica E: Low-Dimensional Systems and Nanostructures, vol.116, 2020 (SCI-Expanded)
- LXXVIII. **Graphene and graphene oxide based aerogels: Synthesis, characteristics and supercapacitor applications**
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- LXXIX. **Glass formation, production and superior properties of Zr-based thin film metallic glasses (TFMGs): A status review**
Korkmaz S., KARİPER İ. A.
Journal of Non-Crystalline Solids, vol.527, 2020 (SCI-Expanded)
- LXXX. **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)
- LXXXI. **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.
CHEMICAL PAPERS, vol.73, no.11, pp.2869-2878, 2019 (SCI-Expanded)
- LXXXII. **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)
- LXXXIII. **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)
- LXXXIV. **Elemental monitoring of street dusts in Konya in Turkey**

- Kariper I. A., Üstündağ İ., Deniz K., Mülazımoğlu İ. E., Erdoğan S., Kadioğlu Y. K.
MICROCHEMICAL JOURNAL, vol.148, pp.338-345, 2019 (SCI-Expanded)
- LXXXV. **The impact of pH on the structural, surface, electrical and optical properties of nanostructured PbSe thin films**
tezel n., Tezel F. M., KARİPER I. A.
MATERIALS RESEARCH EXPRESS, vol.6, no.7, 2019 (SCI-Expanded)
- LXXXVI. **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.
CHEMICAL PAPERS, vol.73, no.6, pp.1369-1376, 2019 (SCI-Expanded)
- LXXXVII. **UV region supercapacitor: Bi-doped natural MgO rock salt thin film**
KARİPER I. A., Tezel F. M.
CERAMICS INTERNATIONAL, vol.45, no.7, pp.9219-9224, 2019 (SCI-Expanded)
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- XXVIII. **BİLİMSEL HİKAYELERİN FEN EĞİTİMİNE VE ÖĞRENCİLERİN AKADEMİK BAŞARISINA ETKİSİ**
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KARİPER I. A.
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- XXXVI. **Çevre Eğitiminde Su ve Su Kirliliğinin Önemi**
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- XXXVIII. **Fen Bilgisi Öğretmen Adaylarının Gazlar Konusundaki Kavram Yanılgıları**
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- XXXIX. **Upper Secondary School Pupils' Attitudes towards Natural Science**
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- XL. **Upper Secondary School Pupils Attitudes Towards Natural Scienc**
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- XLIV. **An Investigation On College Students' Conceptual Understanding Of Quantum Physics Topics/Üniversite Öğrencilerinin Quantum Fiziğini Kavramsal Anlamaları Üzerine Bir Araştırma**
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- XLVII. **Bilimin Doğası ve Bilim Tarihi Dersinin Fen Bilgisi Öğretmen Adaylarının Bilimin Doğası Hakkındaki Bilgi ve Görüşlerine Etkisi**
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- IX. **Impact of Organic acids on the Hardness of Silica Xerogels**
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pp.1456-1459

- X. **ortaokul öğrencilerinin bilinsizilaç kullanımı ve uyuşturucu bağımlılığı ile ilgili görüşleri**
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çoşkun h., KARİPER İ. A.
I. Uluslararası Bilimsel ve Mesleki Çalışmalar Kongresi, Nevşehir, Turkey, 5 - 08 October 2017, pp.1-2
- XII. **Ortaokul Öğrencilerinin Sigara Ve Alkol Kullanımı İle İlgili Görüşleri**
çoşkun h., KARİPER İ. A.
I. Uluslararası Bilimsel ve Mesleki Çalışmalar Kongresi, Nevşehir, Turkey, 5 - 08 October 2017, pp.1-2
- XIII. **Effect to Optic and Dielectric Properties of Heat Treatment and Doped Ag, Co and Li Elements to ZnO Thin Film**
MEYDANERİ TEZEL F., KARİPER İ. A., KORKMAZ S., ATALAY N.
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- XIV. **Optical and Structural Properties of ZnSe Thin Films with Chemical Bath Deposition**
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- XV. **Optical Properties of Iron Xanthate Thin Film on Different Substrates**
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- XVI. **Optical Properties of Amorphous CuS Thin Films Deposited Chemically at Different pH Values**
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- XVIII. **Influence Of pH On The Structural And Optical Properties Of Polycrystalline MnTe₂ Thin Films Produced By Chemical Bath Deposition Method**
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- XIX. **Effect Of Complexing Agent On The Structural And Optical Properties Of Amorphous Indium Sulfide Thin Films deposited By Chemical Bath Deposition**
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- XX. **Synthesis, Structural and Optical Properties of AgI Thin Films**
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- XXI. **Poli(HEMA/Akrilamid/ Metil Metakrilat)'li Polimerin Doksorubisin Etken Maddesiyle Salınımı ve Biyolojik Fonksiyonu**
KARİPER İ. A., mısır s., hepokur c., oymak t.
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- XXII. **Poli(HEMA/Akrilamid/İtakonik Asit)'li Hidrojellerin Doksorubisin Etken Maddesiyle Salınımı ve Biyolojik Fonksiyonu**
hepokur c., mısır s., yıldız i., oymak t., KARİPER İ. A.

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- XXIII. **Gümüş Nanopartikülere Bağlı Kapesitabin'in Meme Kanseri Hücre Serisi Üzerinde Antiproliferatif ve Proapoptotik Etkinliklerinin İncelenmesi**
hepokur c., KARİPER I. A., mısır s.
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- XXIV. **Akrilamid Türevli Hidrojellerin Doksorubisin Etken Maddesiyle Salınımı ve Biyolojik Fonksiyonları**
KARİPER I. A., oymak t., mısır s., hepokur c.
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- XXV. **Akrilamid PolimerininAkriflavin Etken Maddesi ile Fiziksel Absorbsiyonu ve Karakterizasyonu**
mısır s., yılmaz i., HEPOKUR C., ali ihsan h., KARİPER İ. A.
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- XXVI. **STRUCTURAL AND OPTICAL INVESTIGATIONS ON ZrO2 THIN FILMS PREPARED BY WET CHEMICAL SYNTHESIS METHOD**
KARİPER I. A., özdemir c., pakma o., güllü ö., özaydın c.
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- XXVII. **P(NIPAM-AAm-MA-Sep) Hidrojelinin Klaritromisin Etken Maddesi ile Fiziksel Absorbsiyonu ve Karakterizasyonu**
KARİPER I. A., Mısır S., Hepokur C., Hepokur A. i.
3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 20 - 22 March 2015, pp.1-2
- XXVIII. **Kroyojellerin Klaritromisin Etken Maddesi ile Fiziksel Absorbsiyonu ve Karakterizasyonu**
KARİPER I. A., hepokur c., Hepokur A. İ., Mısır S.
3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 20 - 22 March 2015, pp.2-3
- XXIX. **Itakonik Asitli Akrilamid Polimerinin Akriflavin Etken Maddesi ile Fiziksel Absorbsiyonu ve Karakterizasyonu**
KARİPER I. A., yılmaz i., Mısır S., hepokur c., hepokur a. i., karakuş g.
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- XXX. **Itakonik Asitli Akrilamid Polimerinin Prokainamid Hidroklorid Etken Maddesi ile Fiziksel Absorbsiyonu ve Karakterizasyonu**
KARİPER I. A., bostancı e., mısır s., hapokur c., hepokur a. i., karakuş g.
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- XXXI. **MnSe AMORPHOUS THIN FILM**
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- XXXII. **Fen ve Teknoloji Öğretmenlerinin Argümantasyon Tabanlı Bilim Öğrenme Becerileri**
KARİPER I. A., Akarsu B.
I. Ulusal Fizik Eğitimi Kongresi, Ankara, Turkey, 1 - 04 September 2013, pp.1-2
- XXXIII. **OPTICAL AND ELECTRICAL PROPERTIES OF Ni- DOPED C4H7OS2CU THIN FILMS**
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- XXXIV. **OPTICAL PROPERTIES OF SES2 THIN FILM BY CHEMICAL DROPPING METHOD**
KARİPER I. A., Özdemir O., Meydaneri F.
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- XXXV. **?-Fe2O3 ve ?-FeOOH Karışık Faz Filminin Optik ve Yapısal Özellikleri**

- KARİPER İ. A., Özdemir O., Meydaneri F., Kardeş E., Özpozan T.
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- XXXVI. **Demir Ksantata Mn ve Co Katkılmasıyla Optik Özelliklerinin Değişimi,**
KARİPER İ. A., akbaş h., kahraman s., Özpozan T.
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- XXXVII. **The Structural and Optical Properties of ZnSe Thin Films,**
KARİPER İ. A., Kardeş E., Meydaneri F.
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KARİPER İ. A., akbaş h., kahraman s., Özpozan T.
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- XLI. **The Optical and Structural Properties of Amorphous CdSe Thin Films**
KARİPER İ. A., Meydaneri F., Güzel D.
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- XLII. **The Structural and Optical Properties of FeCl₃ Thin Films Produced as a Function of pH:2**
KARİPER İ. A., Kardeş E., Özdemir O., Meydaneri F.
Turkish Physical Society 29. International Physics Conference, Turkey, 1 - 04 September 2012, pp.1-4
- XLIII. **Bilimsel Öyküleme Yönteminin Öğrencilerin Akademik Başarısına Etkisi 7. Sınıf Yaşamımızdaki Elektrik Örnekleme**
KARİPER İ. A., Coşkun H.
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- XLIV. **Basit Mazemelerle Fen Eğitiminin Öğrencilerin Fene Karşı Tutumlarına Etkisi**
KARİPER İ. A., Coşkun H.
X.Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Niğde, 2012, Niğde, Turkey, 1 - 04 June 2012, pp.1-4
- XLV. **Bilim Öyküleri İçeren Eğitsel Oyunları İle Fen Ve Teknoloji Eğitiminin Öğrencilerin Akademik Başarılarına Etkisi,**
KARİPER İ. A., Coşkun H., Nalçacı İ. Ö., Akarsu B.
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- XLVII. **Fen Bilgisi Eğitimi III. Sınıf Öğrencilerinin Bilimin Doğası Hakkındaki Bilgi ve Görüşlerine Bilimin Doğası ve Bilim Tarihi Dersinin Etkisi**
KARİPER İ. A., Nalçacı İ. Ö., Coşkun H., Akarsu B.
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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 Education, 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

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Scientific Consultations

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Metrics

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II. Eğitim Bilimleri Öğrenci Araştırmaları Kongresi, Attendee, Kayseri, Turkey, 2012
VI. Ulusal Analitik Kimya Kongresi, Attendee, Hatay, Turkey, 2012
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I. Eğitim Bilimleri Öğrenci Sempozyumu, Attendee, Kayseri, Turkey, 2011
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Awards

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Non Academic Experience

