

# 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

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

### **thiosemicarbazones on breast cancer cells**

Danışman-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**

Danışman-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. Pectin Supercapacitor Applications**

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

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

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

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

Journal of fluorescence, vol.34, no.3, pp.1025-1037, 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. 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, vol.42, no.4, pp.1209-1229, 2024 (SSCI)

### **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. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **Effect of silver doping on electrical characteristics of aluminum/HfO<sub>2</sub>/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)
- XIX. **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)
- XX. **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)
- XXI. **Enhanced Efficacy of Resveratrol Loaded Silver Nanoparticle in Attenuating Sepsis-Induced Acute Liver Injury: Modulation of Inflammation, Oxidative Stress, and SIRT1 Activation.**  
Üstündağ H., Danışman 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)
- XXII. **Correction to: Comparison of Selenic Acid and Pyruvic Acid-Loaded Silver Nanocarriers Impact on Colorectal Cancer Viability**  
Erdemir G., Danışman-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. **Preparation of CO<sub>2</sub> 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)
- XXV. **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)
- XXVI. **Synthesis and Anticancerogenic Effect of New Generation Ruthenium-Based Nanoparticle from Homalothecium sericeum with Eco-Friendly Method**  
Samir N., Özerkan D., Danışman-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)
- 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. **Engineering of GO/MWCNT/RuO<sub>2</sub> ternary aerogel for high-performance supercapacitor**  
Karimi F., Korkmaz S., KARAMAN C., KARAMAN O., KARİPER İ. A.  
Fuel, vol.329, 2022 (SCI-Expanded)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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)
- 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 I<sub>2</sub>/Polymethyl methacrylate and CuS/I<sub>2</sub>/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(hydridarbyne)**  
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. **BaTiO<sub>3</sub>-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 RuO<sub>2</sub> 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/ RuO<sub>2</sub> 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 WO<sub>3</sub> 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.  
ENVIRONMENTAL CHEMISTRY LETTERS, vol.18, no.2, pp.361-375, 2020 (SCI-Expanded)
- 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**  
Korkmaz S., KARİPER İ. A.  
JOURNAL OF ENERGY STORAGE, vol.27, 2020 (SCI-Expanded)
- 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 Cd<sup>2+</sup> and Pb<sup>2+</sup>**  
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 HfO<sub>2</sub> 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)
- LXXXVIII. **Impact of Organic Acids on the Hardness of Silica Xerogels**  
KARİPER I. A.  
SILICON, vol.11, no.2, pp.1159-1163, 2019 (SCI-Expanded)
- LXXXIX. **Crystalline TeO<sub>2</sub> thin film with chemical bath deposition**  
KARİPER İ. A.  
Indian Journal of Pure and Applied Physics, vol.57, no.3, pp.175-179, 2019 (SCI-Expanded)
- XC. **A new process to synthesize CrSe thin films with nanosize by CBD method**  
Tezel F. M., KARİPER İ. A.  
MATERIALS RESEARCH EXPRESS, vol.6, no.3, 2019 (SCI-Expanded)
- XCI. **Crystalline TeO<sub>2</sub> thin film with chemical bath deposition**  
KARİPER İ. A.  
INDIAN JOURNAL OF PURE & APPLIED PHYSICS, vol.57, no.3, pp.175-179, 2019 (SCI-Expanded)
- XCII. **Surface and electro-optical properties of amorphous Sb<sub>2</sub>S<sub>3</sub> thin films**  
TEZEL N. S., Tezel F. M., Kariper I. A.  
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.125, no.3, 2019 (SCI-Expanded)
- XCIII. **Producing MoO<sub>3</sub> thin film supercapacitor through bio-chemical bath deposition**  
KARİPER İ. A., Tezel F. M.  
CERAMICS INTERNATIONAL, vol.45, no.3, pp.3478-3482, 2019 (SCI-Expanded)
- XCIV. **Effect of pH on the structural and optical properties of polycrystalline ZnSe thin films produced by CBD method**  
Tezel F. M., KARİPER İ. A.  
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.33, no.5, 2019 (SCI-Expanded)
- XCv. **Heterogeneous Au/Ru hybrid nanoparticle decorated graphene oxide nanosheet catalyst for the catalytic reduction of nitroaromatics**  
KARİPER İ. A., Caglayan M. O., Ustundag Z.  
RESEARCH ON CHEMICAL INTERMEDIATES, vol.45, no.2, pp.801-813, 2019 (SCI-Expanded)
- XCVI. **A novel method: Bio-chemical bath for producing vanadium oxide thin film**  
KARİPER I. A., Tezel F. M.  
JOURNAL OF ALLOYS AND COMPOUNDS, vol.771, pp.302-308, 2019 (SCI-Expanded)
- XCvII. **Production of cyclo-hafnium metal-organic thin film using a specific method**  
KARİPER I. A.  
OPTICAL AND QUANTUM ELECTRONICS, vol.51, no.1, 2019 (SCI-Expanded)
- XCvIII. **Release of Doxorubicin's Active Ingredient from the Hydrogels Derived from Acrylamide and their Biological Functions**  
MISIR S., Hepokur C., Kariper I. A.  
INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH, vol.53, no.1, pp.171-177, 2019 (SCI-Expanded)
- XCIX. **Optical, electrical, structural and magnetic properties of BiSe thin films produced by CBD on**



**different substrates for optoelectronics applications**

Aydin F., Tezel F. M., KARİPER İ. A.

MATERIALS RESEARCH EXPRESS, vol.6, no.1, 2019 (SCI-Expanded)

- C. **Optical properties of selenium sulfide thin film produced via chemical dropping method**  
KARİPER İ. A., Özden ş., Tezel F. M.  
OPTICAL AND QUANTUM ELECTRONICS, vol.50, no.12, 2018 (SCI-Expanded)
- CI. **Synthesis and Characterization of GO/V2O5 Thin Film Supercapacitor**  
Korkmaz S., Tezel F. M., KARİPER İ. A.  
SYNTHETIC METALS, vol.242, pp.37-48, 2018 (SCI-Expanded)
- CII. **Synthesis and characterization of GO/IrO2 thin film supercapacitor**  
korkmaz s., Tezel F. M., KARİPER İ. A.  
JOURNAL OF ALLOYS AND COMPOUNDS, vol.754, pp.14-25, 2018 (SCI-Expanded)
- CIII. **A New Route to Synthesize MnSe Thin Films by Chemical Bath Deposition Method**  
KARİPER İ. A.  
MATERIALS RESEARCH-IBERO-AMERICAN JOURNAL OF MATERIALS, vol.21, no.2, 2018 (SCI-Expanded)
- CIV. **Effect of pH on Optic and Structural Characterization of Chemical Deposited AgI Thin Films**  
Tezel F. M., KARİPER İ. A.  
MATERIALS RESEARCH-IBERO-AMERICAN JOURNAL OF MATERIALS, vol.20, no.6, pp.1563-1570, 2017 (SCI-Expanded)
- CV. **Influence of pH on the Structural and Optical Properties of Polycrystalline MnTe2 Thin Films Produced by Chemical Bath Deposition Method**  
KARİPER İ. A., Gode F.  
ACTA PHYSICA POLONICA A, vol.132, no.3, pp.531-534, 2017 (SCI-Expanded)
- CVI. **Effect of Complexing Agent on the Structural, Optical and Electrical Properties of Polycrystalline Indium Sulfide Thin Films Deposited by Chemical Bath Deposition**  
Gode F., KARİPER İ. A., GÜNERİ E., Unlu S.  
ACTA PHYSICA POLONICA A, vol.132, no.3, pp.527-530, 2017 (SCI-Expanded)
- CVII. **The Production of UV Absorber Amorphous Cerium Sulfide Thin Film**  
KARİPER İ. A.  
MATERIALS RESEARCH-IBERO-AMERICAN JOURNAL OF MATERIALS, vol.20, no.5, pp.1345-1349, 2017 (SCI-Expanded)
- CVIII. **Synthesis and characterization of vanadium oxide thin films on different substrates**  
pakma o., özaydın c., özden ş., KARİPER İ. A., güllü ö.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.28, no.15, pp.10909-10913, 2017 (SCI-Expanded)
- CIX. **The Release of Doxorubicin's Active Ingredient from the Hydrogels with Poly (HEMA/Acrylamide/Itaconic acid) and Their Biological Function**  
KARİPER İ. A.  
INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH, vol.51, no.3, pp.401-406, 2017 (SCI-Expanded)
- CX. **The Synthesis of Silicon Carbide in Rhombohedral Form with Different Chemicals**  
KARİPER İ. A.  
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, no.6, pp.3108-3112, 2017 (SCI-Expanded)
- CXI. **THE EFFECTS of pH on STRUCTURAL and OPTICAL CHARACTERIZATION of IRON OXIDE THIN FILMS**  
Tezel F. M., Özdemir O., Afsin Kariper İ. A.  
Surface Review and Letters, vol.24, no.4, 2017 (SCI-Expanded)
- CXII. **Optical and Structural Properties of Natural MnSeO4 Mineral Thin Film**  
KARİPER İ. A.  
MATERIALS RESEARCH-IBERO-AMERICAN JOURNAL OF MATERIALS, vol.20, no.3, pp.613-618, 2017 (SCI-Expanded)

- CXIII. **Synthesis and characterization of CrSe thin film produced via chemical bath deposition**  
KARİPER İ. A.  
OPTICAL REVIEW, vol.24, no.2, pp.139-146, 2017 (SCI-Expanded)
- CXIV. **Synthesis, surface tension, optical and dielectric properties of bismuth oxide thin film**  
Tezel F. M., KARİPER İ. A.  
Materials Science- Poland, vol.35, no.1, pp.87-93, 2017 (SCI-Expanded)
- CXV. **Preparation of iodine and silver coated thin film on poly(methylmethacrylate) substrate and examination of antifungal, antibacterial and mechanistic properties**  
Kariper S. E., HEPOKUR C., KARİPER İ. A., Ustundag I., Ceylan D.  
INDIAN JOURNAL OF PURE & APPLIED PHYSICS, vol.55, no.2, pp.122-128, 2017 (SCI-Expanded)
- CXVI. **Isophthalic acid terminated graphene oxide modified glassy carbon nanosensor electrode: Cd<sup>2+</sup> and Bi<sup>3+</sup> analysis in tap water and milk samples**  
Albayrak I., Erkal A., Yavuz S., KARİPER İ. A., Mulazimoglu I. E., Ustundag Z.  
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.20, no.7, pp.1558-1568, 2017 (SCI-Expanded)
- CXVII. **The interaction of clarithromycin with a new polymer-based nipam-sepiolite**  
Hepokur C., MISIR S., Kariper A.  
Latin American Journal of Pharmacy, vol.36, no.2, pp.301-307, 2017 (SCI-Expanded)
- CXVIII. **Electrical energy deposition on mitochondria and the different substrates**  
Hepokur C., KARİPER İ. A., Kariper S. E.  
JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY, vol.8, no.6, 2016 (SCI-Expanded)
- CXIX. **Production and characterization of Te<sub>x</sub> (x: 2, 4) thin films: Optical, structural properties and effect of porosity**  
Kariper İ. A.  
MATERIALS & DESIGN, vol.106, pp.170-176, 2016 (SCI-Expanded)
- CXX. **CuI film produced by chemical extraction method in different media**  
KARİPER İ. A.  
Materials Research, vol.19, no.5, pp.991-998, 2016 (SCI-Expanded)
- CXXI. **Wet chemical methods for producing mixing crystalline phase ZrO<sub>2</sub> thin film**  
pakma O., özdemir C., KARİPER İ. A., özaydın C., güllü Ö.  
Applied Surface Science, vol.377, pp.159-166, 2016 (SCI-Expanded)
- CXXII. **Optical and structural properties of chromium telluride (Cr<sub>2</sub>Te<sub>3</sub>) thin film produced via chemical bath deposition**  
KARİPER İ. A.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.10, no.7-8, pp.541-546, 2016 (SCI-Expanded)
- CXXIII. **Synthesis and characterization Bi<sub>2</sub>O<sub>2</sub>S thin film via chemical bath deposition at low pH.**  
Kariper İ. A.  
Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy, vol.163, pp.102-7, 2016 (SCI-Expanded)
- CXXIV. **CRITICAL SURFACE TENSION, CRITICAL SURFACE ENERGY AND PARACHOR OF MnSO<sub>3</sub> THIN FILM**  
Kariper İ. A.  
SURFACE REVIEW AND LETTERS, vol.23, no.3, 2016 (SCI-Expanded)
- CXXV. **Optical and structural properties of PbI<sub>2</sub> thin film produced via chemical dipping method**  
Kariper İ. A.  
OPTICAL REVIEW, vol.23, no.3, pp.401-408, 2016 (SCI-Expanded)
- CXXVI. **Pb-Ag/I Thin Film by Co-Precipitation Method**  
Kariper İ. A.  
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.40, pp.137-143, 2016 (SCI-Expanded)
- CXXVII. **Carbonaceous Materials-12: a Novel Highly Sensitive Graphene Oxide-Based Carbon Electrode: Preparation, Characterization, and Heavy Metal Analysis in Food Samples**  
Yavuz S., Erkal A., KARİPER İ. A., SOLAK A. O., JEON S., Mulazimoglu I. E., Ustundag Z.

- FOOD ANALYTICAL METHODS, vol.9, no.2, pp.322-331, 2016 (SCI-Expanded)
- CXXVIII. **Biosensor Application of Carbonaceous Nanocoil Material: Preparation, Characterization, and Determination of Dopamine and Uric Acid in the Presence of Ascorbic Acid**  
Erkal A., Asik I., Yavuz S., Kariper A., Ustundag Z.  
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.163, no.5, 2016 (SCI-Expanded)
- CXXIX. **Producing BiI/BiOI thin films via chemical bath deposition**  
KARİPER I. A.  
Materials Research, vol.19, no.1, pp.18-23, 2016 (SCI-Expanded)
- CXXX. **Structural, optical and porosity properties of CdI2 thin film**  
Kariper I. A.  
JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, vol.5, no.1, pp.77-83, 2016 (SCI-Expanded)
- CXXXI. **Optical and structural properties and surface tension of uranium oxide thin film**  
KARİPER İ. A.  
International Journal of Surface Science and Engineering, vol.10, no.5, pp.432-443, 2016 (SCI-Expanded)
- CXXXII. **Synthesis and Characterization of Macroporous Poly(Acrylamide-Methacrylic Acid) Cryogel and its Interaction with Clarithromycin**  
Hepokur A. I., Hepokur C., Kariper I. A.  
LATIN AMERICAN JOURNAL OF PHARMACY, vol.34, no.9, pp.1842-1848, 2015 (SCI-Expanded)
- CXXXIII. **Hardness of Mn2V2O7 thin films and its influential factors**  
Kariper I. A.  
INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, vol.22, no.9, pp.987-991, 2015 (SCI-Expanded)
- CXXXIV. **Preparation and Characterization of Nanocrystalline PbS Thin Films Produced by Chemical Bath Deposition**  
Gode F., Yavuz F., KARİPER I. A.  
ACTA PHYSICA POLONICA A, vol.128, 2015 (SCI-Expanded)
- CXXXV. **Fabrication and Optical Characterization of CdSe Thin Films Grown by Chemical Bath Deposition**  
KARİPER I. A., Baglayan O., Gode F.  
ACTA PHYSICA POLONICA A, vol.128, 2015 (SCI-Expanded)
- CXXXVI. **Optical and structural properties of zinc iodine thin films**  
Kariper I. A.  
OPTICAL MATERIALS, vol.44, pp.78-83, 2015 (SCI-Expanded)
- CXXXVII. **Synthesis and characterization of cerium sulfide thin film**  
Kariper I. A.  
PROGRESS IN NATURAL SCIENCE-MATERIALS INTERNATIONAL, vol.24, no.6, pp.663-670, 2014 (SCI-Expanded)
- CXXXVIII. **What is the Effect of Critical Surface Tension of PbSO3 Thin Film?**  
Kariper I. A.  
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, no.10, pp.4398-4404, 2014 (SCI-Expanded)
- CXXXIX. **Erratum to: What is the Effect of Critical Surface Tension of PbSO3 Thin Film?**  
Afşin Kariper İ. A.  
METALLURGICAL AND MATERIALS TRANSACTIONS A: PHYSICAL METALLURGY AND MATERIALS SCIENCE, vol.45, no.10, pp.1-2, 2014 (SCI-Expanded)
- CXL. **Production of HfO2 thin films using different methods: chemical bath deposition, SILAR and sol-gel process**  
Kariper I. A.  
INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, vol.21, no.8, pp.832-838, 2014 (SCI-Expanded)
- CXLI. **The structural and optical properties of gamma-FeOOH thin film grown with CBD method**  
Ozdemir O., Meydaneri F., KARİPER İ. A.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.8, no.7-8, pp.727-732, 2014 (SCI-

- Expanded)
- CXLII. **Optical properties of cobalt xanthate films on different substrates**  
Kariper I. A., ÖZPOZAN T.  
INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, vol.21, no.7, pp.736-740, 2014 (SCI-Expanded)
- CXLIII. **Optical and electrical properties of nickel xanthate thin films**  
Kariper I. A., ÖZPOZAN T.  
BULLETIN OF MATERIALS SCIENCE, vol.37, no.3, pp.553-561, 2014 (SCI-Expanded)
- CXLIV. **Optical and electronic properties of iron xanthate thin film**  
Kariper I. A., ÖZPOZAN T.  
INDIAN JOURNAL OF PURE & APPLIED PHYSICS, vol.52, no.5, pp.348-353, 2014 (SCI-Expanded)
- CXLV. **A new inorganic azo dye and its thin film: MoO<sub>4</sub>N<sub>4</sub>H<sub>6</sub>**  
Kariper I. A.  
INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, vol.21, no.5, pp.510-514, 2014 (SCI-Expanded)
- CXLVI. **The structural and optical properties of  $\gamma$ -FeOOH thin film grown with CBD method**  
Özdemir O., Meydani F., KARİPER İ. A.  
Optoelectronics and Advanced Materials, Rapid Communications, vol.8, no.7-8, pp.727-732, 2014 (SCI-Expanded)
- CXLVII. **Cobalt Xanthate Thin Film with Chemical Bath Deposition**  
Kariper I. A., ÖZPOZAN T.  
JOURNAL OF NANOMATERIALS, 2013 (SCI-Expanded)
- CXLVIII. **Characterization of High Quality Chalcogenide Thin Film Fabricated by Chemical Bath Deposition**  
Güneri E., Kariper A.  
ELECTRONIC MATERIALS LETTERS, vol.9, no.1, pp.13-17, 2013 (SCI-Expanded)
- CXLIX. **Preparation and the effect of pH on the structural, optical and electrical properties of CdS thin films**  
KARİPER İ. A., GÜMÜŞ C., GÜNERİ E., GÖDE F.  
CHALCOGENIDE LETTERS, vol.12, pp.11-16, 2012 (SCI-Expanded)
- CL. **Optical properties of amorphous CuS thin films deposited chemically at different pH values**  
Güneri E., Kariper A.  
JOURNAL OF ALLOYS AND COMPOUNDS, vol.516, pp.20-26, 2012 (SCI-Expanded)
- CLI. **EFFECT OF PH ON THE PHYSICAL PROPERTIES OF CdS THIN FILMS DEPOSITED BY CBD**  
Kariper A., GÜNERİ E., GÖDE F., GÜMÜŞ C.  
CHALCOGENIDE LETTERS, vol.9, no.1, pp.27-40, 2012 (SCI-Expanded)
- CLII. **The structural, electrical and optical properties of CdS thin films as a function of pH**  
KARİPER A., GÜNERİ E., GÖDE F., GÜMÜŞ C., ÖZPOZAN T.  
MATERIALS CHEMISTRY AND PHYSICS, vol.129, pp.183-188, 2011 (SCI-Expanded)
- CLIII. **Influence of thermal annealing treatment on the structural, optical and electrical properties of amorphous ZnS thin films,**  
KARİPER İ. A., GÜMÜŞ C., GÜNERİ E., GÖDE F.  
Journal of Physics: Conference Series, vol.326, 2011 (AHCI)
- CLIV. **"Utilizing Pre-Laboratory Preparation Period (PPP) to Enhance Scientific Understanding"**  
KARİPER İ. A., AKARSU B.  
Pacific-Asian Education, vol.2, no.22, pp.11-16, 2011 (AHCI)
- CLV. **Selective Preconcentration/Separation of Copper(II), Iron(III), and Lead(II) as Their N<sup>-</sup>-Benzoyl-N,N-Diisobutylthiourea Chelates on Amberlite XAD-16 Resin**  
SOYLAK M., Kariper L. A.  
JOURNAL OF AOAC INTERNATIONAL, vol.93, no.2, pp.720-724, 2010 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Learning community eTwinning: a literature review**  
Şahin G., Gökçe H., Karabulut H., Kariper İ. A.  
Discover Education, vol.3, pp.1-13, 2024 (Peer-Reviewed Journal)
- II. **Applications of Nanocellulose in Drug Release**  
Usan H., Bolsu Kariper S. E., Kariper İ. A.  
INTERNATIONAL JOURNAL OF NANOSCIENCE, vol.1, no.1, pp.1-8, 2024 (ESCI)
- III. **The instruction of a laboratory lesson on the Internet with STEM-based hands-on activities: Electrochemistry sampling**  
Karabulut H., Elcan Kaynak N., Kariper İ. A.  
Pedagogical Research, vol.9, no.4, pp.1-14, 2024 (Peer-Reviewed Journal)
- IV. **Review of studies conducted in nanotechnology education: a meta-synthesis study**  
Gocmen A., Karabulut H., Kariper I. A.  
Discover Education, vol.3, no.169, pp.1-16, 2024 (Peer-Reviewed Journal)
- V. **Fen Eğitiminde Okul Dışı Öğrenme Ortamlarına İlişkin Yapılan Çalışmaların Sistemik Derlemesi**  
Şahbaz E., Karabulut H., Gökçe H., Kariper İ. A.  
Abant İzzet Baysal Üniversitesi Eğitim Fakültesi Dergisi, vol.24, no.3, pp.1-26, 2024 (Peer-Reviewed Journal)
- VI. **Ortaokul Öğrencilerinin Tanıdıkları Bilim İnsanlarının İncelenmesi**  
Karabulut H., Birgün İ., Kariper İ. A.  
Amasya Üniversitesi Eğitim Fakültesi Dergisi, vol.13, no.1, pp.1-16, 2024 (Peer-Reviewed Journal)
- VII. **TÜRKİYE'DE BİR OKUL DIŞI ÖĞRENME ORTAMI OLAN BİLİM MERKEZLERİ HAKKINDA YAPILAN ÇALIŞMALAR: BİR META-ANALİZ ÇALIŞMASI**  
Karabulut H., Özdemir F. N., Kariper İ. A.  
İnformel Ortamlarda Araştırmalar Dergisi (İAD), vol.9, no.1, pp.111-129, 2024 (Peer-Reviewed Journal)
- VIII. **Fen Eğitiminde Mühendislik Tasarım Becerisine Yönelik Öğretmen Adaylarının Görüşlerinin İncelenmesi**  
Şahbaz E., Karabulut H., Gökçe H., Kariper İ. A.  
Eğitim Teknolojisi Kuram ve Uygulama, vol.20, no.1, pp.21-37, 2024 (Peer-Reviewed Journal)
- IX. **The development of an environmental educational game based on the ASSURE instructional design model: a case study in Turkey**  
Şahbaz E., Karabulut H., Gökçe H., KARİPER İ. A.  
Education 3-13, 2024 (ESCI)
- X. **The Effect of Ash Water on Viruses**  
Kariper İ. A., Bolsu Kariper S. E.  
International Pharmacy Acta, vol.6, no.1, pp.1-7, 2023 (Peer-Reviewed Journal)
- XI. **Understanding the effects of lysergic acid diethylamide and the importance of its prevention**  
Okumuş B., Metin A., Kariper İ. A.  
Health Sciences Review, vol.8, pp.1-7, 2023 (Peer-Reviewed Journal)
- XII. **Characterization of Rubidium-Based Nanoparticles by Green Synthesis and Their Effect on Colorectal Cancer Cells**  
Özerkan D., Kariper İ. A.  
EXPERIMED, vol.13, no.2, pp.97-102, 2023 (Scopus)
- XIII. **ELEŞTİREL DÜŞÜNME BECERİSİ ÖLÇEĞİNİN GELİŞTİRİLMESİ (ORTAOKUL ÖRNEKLEMİ)**  
Karabulut H., Gökçe H., Kariper İ. A.  
Kırıkkale Üniversitesi Sosyal Bilimler Dergisi, vol.13, no.2, pp.443-461, 2023 (Peer-Reviewed Journal)
- XIV. **Cytotoxic Effects of Cisplatin and Carboplatin Loaded Albumin Nanoparticles on Breast Cancer Cells**  
DANIŞMAN KALINDEMİR TAŞ F., KARİPER İ. A.  
Online Türk Sağlık Bilimleri Dergisi, vol.8, no.1, pp.115-121, 2023 (Peer-Reviewed Journal)
- XV. **BIOSYNTHESIS, CHARACTERIZATION, ANTIMICROBIAL AND ANTICANCER PROPERTIES OF SILVER AND IRON NANOPARTICLES FROM ROSA CANINA L. EXTRACT**  
Beyatlı A., Shawuti S., KARİPER İ. A., Korkut I., Aktaş Z., Kuruca S.  
Kimiya Rastitel'nogo Syr'ya, no.4, pp.325-334, 2023 (Scopus)

- XVI. **Ortaokul öğrencilerinin Beceri Temelli (Yeni Nesil) Fen Bilimleri Sorularına Yönelik Görüşlerinin İncelenmesi**  
Coşkun Karabulut H., Tosunbayraktar G., Kariper İ. A.  
Akdeniz Eğitim Araştırmaları Dergisi, vol.1, no.2, pp.301-320, 2022 (Peer-Reviewed Journal)
- XVII. **ORTAOKUL ÖĞRENCİLERİNE YÖNELİK 21 YÜZYIL BECERİLERİ YETERLİK ALGISI ÖLÇEĞİ: GEÇERLİK VE GÜVENİLİRLİK ÇALIŞMASI**  
Düzgüner T. T., Karabulut H., Kariper İ. A.  
JOURNAL OF SOCIAL SCIENCES, vol.12, no.1, pp.179-199, 2022 (Scopus)
- XVIII. **An interdisciplinary overview of  $\alpha$ -PVP**  
Kariper İ. A., Metin A., Büyükbezirci K., Eken A., Bakir E.  
REVUE DE MEDECINE LEGALE, vol.13, pp.131-138, 2022 (Scopus)
- XIX. **Electrical, Optical and Structural Analysis Depending on Concentration of TiO Thin Films Produced via Dip-Coating Method**  
TEZEL N. S., MEYDANERİ TEZEL F., KARİPER İ. A.  
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, 2022 (Peer-Reviewed Journal)
- XX. **Daldırma Metodu ile Üretilen TiO İnce Filmlerin Derişime Bağlı Elektriksel, Optik ve Yapısal Analizi**  
TEZEL N. S., MEYDANERİ TEZEL F., KARİPER A.  
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.14, no.2, pp.590-603, 2022 (Peer-Reviewed Journal)
- XXI. **A Medium for Facilitating Hepatitis B Virus Detection and Replication of the Virus.**  
KARİPER İ. A., Demir T., BAHAR D., HEPOKUR C., Caner A., ÖNAL M. G., GÖKAHMETOĞLU S., TUTAR Y.  
Research & Reviews: Research Journal of Biology, 2022 (Peer-Reviewed Journal)
- XXII. **rGO/SnSbS Nanokompozitlerin Farklı Depolama Sıcaklığına Bağlı Elektriksel, Yapısal ve Yüzeysel Değerlendirmesi**  
TEZEL N. S., KARİPER A.  
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.14, no.2, pp.907-916, 2022 (Peer-Reviewed Journal)
- XXIII. **21.YÜZYIL BECERİLERİ İLE İLGİLİ YAPILMIŞ OLAN ÇALIŞMALARINİNCELENMESİ**  
Düzgüner T. T., Karabulut H., Kariper İ. A.  
Kırıkkale Üniversitesi Sosyal Bilimler Dergisi, vol.12, no.1, pp.179-199, 2022 (Peer-Reviewed Journal)
- XXIV. **Green synthesis and characterization of silver and iron nanoparticles using Nerium oleander extracts and their antibacterial and anticancer activities**  
Shawuti S., Bairam C., Beyatlı A., Kariper İ. A., Korkut I. N., Aktaş Z., Öncül M. O., Kuruca S. E.  
Plant Introduction, vol.91, no.92, pp.36-49, 2021 (Peer-Reviewed Journal)
- XXV. **Optical properties and surface energy of tellurium oxide thin film**  
KARİPER İ. A.  
JOURNAL OF OPTICS-INDIA, vol.47, no.4, pp.504-510, 2018 (ESCI)
- XXVI. **Physical interaction between water-soluble poly(acrylamide/itaconic acid) with acriflavine and procainamide hydrochloride**  
Hepokur C., MISIR S., Kariper A., Hepokur A.  
Asian Journal of Chemistry, vol.29, no.2, pp.279-282, 2017 (Scopus)
- XXVII. **Optical and structural properties of bi/ag-i thin film by co-precipitation method**  
Kariper A.  
Asian Journal of Chemistry, vol.28, no.10, pp.2241-2245, 2016 (Scopus)
- XXVIII. **OPTICAL AND STRUCTURAL PROPERTIES OF CdSe THIN FILM PRODUCED BY CHEMICAL BATH DEPOSITION**  
Kariper İ. A.  
JOURNAL OF NON-OXIDE GLASSES, vol.8, no.1, pp.1-9, 2016 (ESCI)
- XXIX. **Determination of Fe Cr Pb trace elements by atomic absorption spectrometry after coprecipitation with Cadion**  
KARİPER İ. A.  
ERU FBE, vol.31, no.3, pp.179-184, 2015 (Peer-Reviewed Journal)
- XXX. **The Effect of Using Scientific Stories on Teaching Science and on the Academic Achievement of the**

## Students

çoşkun h., akarsu b., KARİPER İ. A.

Mersin Üniversitesi Eğitim Fakültesi Dergisi, vol.11, no.2, pp.349-365, 2015 (Peer-Reviewed Journal)

### XXXI. The Perspectives Of Pre-Service Science Teacher On Educational Games

KARİPER İ. A., akarsu b., çoşkun h.

MERSİN ÜNİVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ, vol.11, no.11, pp.1-14, 2015 (Peer-Reviewed Journal)

### XXXII. BİLİMSEL HİKAYELERİN FEN EĞİTİMİNE VE ÖĞRENCİLERİN AKADEMİK BAŞARISINA ETKİSİ

KARİPER İ. A., akarsu b., çoşkun h.

MERSİN ÜNİVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ, vol.11, pp.1-13, 2015 (Peer-Reviewed Journal)

### XXXIII. OPTICAL AND STRUCTURAL PROPERTIES OF CrSe THIN FILM WITH CHEMICAL BATH DEPOSITION

Kariper I. A.

JOURNAL OF NON-OXIDE GLASSES, vol.7, no.3, pp.37-45, 2015 (ESCI)

### XXXIV. INVESTIGATION OF PRE-SERVICE TEACHERS VIEWS OF TEACHING AS PROFESSION

KARİPER I. A., akarsu b.

Bulgarian Journal of Science and Education Policy (BJSEP), vol.9, no.9, pp.1-23, 2015 (Peer-Reviewed Journal)

### XXXV. Cadion ile birlikte çöztürmeden sonra Fe, Cr, Pb eser elementlerinin Atomik Absorpsiyon Spektrometresiyle tayini

KARİPER I. A.

ERU FBE, pp.1-6, 2015 (Peer-Reviewed Journal)

### XXXVI. İzopropil ksantat ile Cloud Point Metodu ile Eser Element Zenginleştirme

KARİPER I. A.

ERU FBE, pp.1-6, 2015 (Peer-Reviewed Journal)

### XXXVII. Fen ve teknoloji öğretmenlerinin argümantasyon tabanlı bilim öğrenme becerileri

KARİPER İ. A., AKARSU B., Josip S.

Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.30, no.3, pp.174-179, 2014 (Peer-Reviewed Journal)

### XXXVIII. Misconceptions About Between Physical and Chemical Changing of Matters of Primary School Students

KARİPER I. A.

European Journal Of Physics Education, vol.5, no.2, pp.15-19, 2014 (Peer-Reviewed Journal)

### XXXIX. Çevre Eğitiminde Su ve Su Kirliliğinin Önemi

KARİPER I. A.

Journal of European Education, vol.4, no.4, pp.19-22, 2014 (Peer-Reviewed Journal)

### XL. Views of solubility of pre-service science teachers

KARİPER I. A.

Latin American Physics Education, vol.7, no.3, pp.328-331, 2013 (Peer-Reviewed Journal)

### XLI. Fen Bilgisi Öğretmen Adaylarının Gazlar Konusundaki Kavram Yanılgıları

KARİPER İ. A.

Journal Of European Education, no.3, pp.33-35, 2013 (Peer-Reviewed Journal)

### XLII. Upper Secondary School Pupils' Attitudes towards Natural Science

KARİPER İ. A., Akarsu B.

European J of Physics Education, vol.4, pp.4-8, 2013 (Peer-Reviewed Journal)

### XLIII. Upper Secondary School Pupils Attitudes Towards Natural Scienc

AKARSU B., KARİPER İ. A.

European J of Physics Education, vol.4, no.1, pp.4-8, 2013 (Peer-Reviewed Journal)

### XLIV. Bilim Öyküleri İçeren Eğitsel Oyunların Fen ve Teknoloji Dersindeki Öğrencilerin Akademik Başarılarına Etkisi

KARİPER İ. A., Coşkun H., Akarsu B.

KEFAD, vol.1, pp.1-5, 2012 (Peer-Reviewed Journal)

### XLV. The effects of educational games based on science stories on students' academic achievements in science and technology classroom

Coşkun H., Akarsu B., Kariper İ. A.

- Mersin Üniversitesi Eğitim Fakültesi Dergisi, vol.11, no.2, pp.304-365, 2012 (Peer-Reviewed Journal)
- XLVI. **An Investigation into the Misconceptions, Erroneous Ideas and Limited Conception of the pH Concept in Pre-Service Science Teacher Education**  
KARİPER İ. A.  
Chemistry Education Journal, vol.1, no.1, pp.1-8, 2011 (Peer-Reviewed Journal)
- XLVII. **An Investigation For College Students Conceptual Understanding Of Quantum Physics Topics**  
KARİPER İ. A., Coşkun H., Akarsu B.  
MKU Soysal Bilimler Dergisi, vol.8, no.15, pp.349-362, 2011 (Peer-Reviewed Journal)
- XLVIII. **An Investigation On College Students' Conceptual Understanding Of Quantum Physics Topics/Üniversite Öğrencilerinin Quantum Fiziğini Kavramsal Anlamaları Üzerine Bir Araştırma**  
AKARSU B., KARİPER İ. A., Coşkun H.  
MUSTAFA KEMAL ÜNİVERSİTESİ SOSYAL BİLİMLER ENSTİTÜSÜ DERGİSİ, vol.8, no.15, pp.349-362, 2011 (Peer-Reviewed Journal)
- XLIX. **Bilimin Doğası ve Bilim Tarihi Dersinin Fen Bilgisi Öğretmen Adaylarının Bilimin Doğası Hakkındaki Bilgi ve Görüşlerine Etkisi**  
KARİPER İ. A., Nalçacı İ. Ö., Akarsu B.  
S. Ü. AKEF, vol.32, pp.337-352, 2011 (Peer-Reviewed Journal)
- L. **An Investigation of the Heat Energy Concept with Computer Models**  
KARİPER İ. A., Akarsu B.  
Bulgarian Journal of Science and Education Policy, vol.5, pp.11-16, 2011 (Peer-Reviewed Journal)
- LI. **Bilimin Doğası Ve Bilim Tarihi Dersinin Fen Bilgisi Öğretmen Adaylarının Bilimin Doğası Hakkındaki Bilgi Ve Görüşlerine Etkisi-Effects Of The Nature Of Science Course On Science Prospective Teachers' Knowledge And Opinions**  
KARİPER İ. A., Akarsu B., Nalçacı İ. Ö.  
Ahmet Kelesoglu Education Faculty (AKEF) JOURNAL, vol.5, 2011 (Peer-Reviewed Journal)
- LII. **Orta Öğretim Öğrencileri İçin Fizik Tutum Ölçeği Derlenmesi Ve Öğrenci Tutumlarının Değerlendirilmesi**  
İREN ÖZGÜN N., AKARSU B., KARİPER İ. A.  
J of European Education, vol.1, no.1, pp.1-6, 2011 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **SYNTHESIS AND CHARACTERIZATION OF SN3SB2S6THIN FILM SUPERCAPACITOR ELECTRODES: THE EFFECT OF DEPOSITION TEMPERATURE**  
Tezel S. N., Korkmaz S., Meydaneri Tezel F., Kariper İ. A.  
in: ACADEMIC RESEARCH & REVIEWS IN ENGINEERING, Assoc. Prof. Dr. Selahattin BARDAK, Editor, Serüven Yayınevi, İzmir, pp.45-66, 2021
- II. **Flakka**  
Kariper İ. A. (Editor)  
in: Madde Bağımlılığı Didisiplinler Arası Yaklaşım, İshak Afşin KARİPER, Editor, Nobel Yayın Dağıtım, Ankara, pp.1-194, 2020
- III. **Anti-Neoplastic Drugs Handbook For Cancer Therapy**  
Önder M., Hepokur C., Kariper İ. A.  
Nova Publication, New-York, 2019
- IV. **Hardness of Thin Films and the Influential Factors**  
Kariper İ. A.  
Intech Open, London, 2016
- V. **Hardness of Thin Films and the Influential Factors**  
KARİPER İ. A.  
in: Diamond and Carbon Composites and Nanocomposites, Iva Lipovic, Editor, Intech, Rijeka, pp.1-18, 2016



- VI. **ÇEVRE KİRLİLİĞİ KONUSUNUN YARATICI DRAMA YÖNTEMİ İLE İŞLENMESİ**  
KARİPER İ. A., akarsu b., nalçacı i. ö.  
Türkiye Alim Kitapları (Omniscryptum Gmbh & Co. Kg), Saarbrücken, 2015
- VII. **LİSE DÜZEYİNDE MODERN FİZİK KONULARI İLE İLGİLİ KAVRAM TESTİ GELİŞTİRİLMESİ MODERN FİZİK KAVRAM TESTİ**  
demir n., akarsu b., KARİPER İ. A.  
Türkiye Alim Kitapları (Omniscryptum Gmbh & Co. Kg), Saarbrücken, 2015
- VIII. **Modern Fizik Kavram Testi: Lise Düzeyinde Modern Fizik Konulari ile Ilgili Kavram Testi Gelistirilmesi**  
Demir N., AKARSU B., KARİPER İ. A.  
Türkiye Alim Kitapları, Ankara, 2015
- IX. **Kimyasal Banyo Depolama Yöntemi İnce Filmlerin Optik, Yapısal ve Elektirksel Özellikleri**  
KARİPER İ. A.  
Türkiye Alim Kitapları (Omniscryptum Gmbh & Co. Kg), Saarbrücken, 2015
- X. **Kavram Yanılgıları Ve Kavram Yanılgılarının Düzeltilmesinde Drama**  
KARİPER İ. A., Coşkun H.  
Türkiye Alim Kitapları (Omniscryptum Gmbh & Co. Kg), Saarbrücken, 2015
- XI. **Fen Eğitiminde Yapılandırmacı Yaklaşım ve Bilimsel Öyküler**  
KARİPER İ. A., Coşkun H., Akarsu B.  
Türkiye Alim Kitapları (Omniscryptum Gmbh & Co. Kg), Saarbrücken, 2015
- XII. **Lise Düzeyinde Modern Fizik Konulari İle İlgili Kavram Testi Geliştirilmesi Modern Fizik Kavram Testi**  
nagehan d., akarsu b., KARİPER İ. A.  
Türkiye Alim Kitapları (OmniScriptum GmbH & Co. KG), Saarbrücken, Saarbrücken, 2015

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **The GPT Series from Past to Future and the use of the GPT in Education**  
Gökçe Z., Kariper İ. A.  
EDUCON 2024 Education Conference, Kahramanmaraş, Turkey, 27 - 29 September 2024, pp.1-3
- II. **SINIF ÖĞRETMENİ ADAYLARININ FEN BİLİMLERİ DERSİNDE EĞİTSEL DİJİTAL OYUN KULLANIMI: FENOMENOLOJİ ÇALIŞMASI**  
Çakır C., Gökçe H., Kariper İ. A.  
1. BİLSEL INTERNATIONAL ASPENDOS SCIENTIFIC RESEARCHES CONGRESS, Antalya, Turkey, 24 - 25 February 2024, pp.302-317
- III. **THE TOXIC EFFECT OF MITOTANE CARRIED BY SILVER NANOPARTICLE ON ADRENOCORTICAL CANCER CELLS**  
Akkuş A., Önal M. G., Kariper İ. A.  
e II. INTERNATIONAL EURASIAN SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Ankara, Turkey, 6 - 08 September 2023, pp.92-93
- IV. **Performance of Metal Doped Polymers in Triboelectric Nanogenerators (TENG)**  
Korkmaz S., Kariper İ. A., Özden Ş.  
2. Uluslararası Bilimsel Araştırmalar ve Yenilikçi Çalışmalar Sempozyumunu (ISSRIS'22) , Balıkesir, Turkey, 2 - 05 March 2022, vol.1, no.1, pp.1-2
- V. **Development and Characterization of BSA-loaded Paclitaxel; Cytotoxic Activity in MCF7 Cancer Cells**  
Mısır S., Kariper İ. A., Yaman S., Kurt B., Özsoy C.  
3. EBAT Eurasia Biochemical Approachs and Technologies, Antalya, Turkey, 4 - 07 November 2021, pp.1-2
- VI. **Synthesis, Surface Tension, Optical and Dielectric Properties of Bismuth Oxide Thin Film**  
AYDIN F., MEYDANERİ TEZEL F., KARİPER İ. A.  
7th International Conference on Advanced Technologies, 28 April - 01 May 2018

- VII. **Bi-Se Thin Film Production and Characterization**  
AYDIN F., MEYDANERİ TEZEL F., KARİPER İ. A.  
7th International Conference on Advanced Technologies(ICAT'xx18), Antalya, Turkey, 28 April - 01 May 2018
- VIII. **Diamond-lik Carbon Powder Materials**  
KARİPER I. A.  
International Advanced Researches and Engineering Congress, Osmaniye, Turkey, 16 - 18 November 2017, pp.1451-1455
- IX. **Impact of Organic acids on the Hardness of Silica Xerogels**  
KARİPER I. A.  
International Advanced Researches and Engineering Congress, Osmaniye, Turkey, 16 - 18 November 2017, pp.1456-1459
- X. **ortaokul öğrencilerinin bilinsizilaç kullanımı ve uyuşturucu bağımlılığı ile ilgili görüşleri**  
COŞKUN H. G., KARİPER İ. A.  
I. international scientific and vocational studies congress, 5 - 08 October 2017
- XI. **Ortaokul Öğrencilerinin Bilinçsiz İlaç Kullanımı Ve Uyuşturucu Bağımlılığı İle İlgili Görüşleri**  
çoşkun h., KARİPER I. 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 I. 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.  
The 3rd International Conference on Engineering and Natural Sciences (ICENS), Budapest, Hungary, 3 - 07 May 2017, pp.178
- XIV. **Optical and Structural Properties of ZnSe Thin Films with Chemical Bath Deposition**  
MEYDANERİ TEZEL F., KARİPER İ. A., KORKMAZ S., VARLIK E.  
International Conference on Engineering Technology and Innovation (ICETI)'2017, Sarajevo, Bosnia And Herzegovina, 22 - 26 March 2017, pp.19
- XV. **Optical Properties of Iron Xanthate Thin Film on Different Substrates**  
Pakma O., Kariper I. A., Özpozan T.  
YOĞUN MADDE FİZİĞİ ve İSTATİSTİKSEL FİZİK, İstanbul, Turkey, 6 - 09 July 2016, pp.153-154
- XVI. **Optical Properties of Amorphous CuS Thin Films Deposited Chemically at Different pH Values**  
GÜNERİ E., KARİPER İ. A.  
BIT's Annual World Congress of Advanced Materials, 6 - 08 June 2016
- XVII. **The Structural, Electrical and Optical Characterization of PbTeO Semiconductor Thin Film**  
Meydaneri Tezel F., KARİPER I. A.  
2nd International Conference on Engineering and Natural Sciences, Sarajevo, Bosnia And Herzegovina, 25 - 28 May 2016, pp.1-2
- XVIII. **Influence Of pH On The Structural And Optical Properties Of Polycrystalline MnTe2 Thin Films Produced By Chemical Bath Deposition Method**  
KARİPER I. A., göde F.  
3rd International Conference on Computational and Experimental Science and Engineering, Antalya, Turkey, 15 September - 18 May 2016, pp.1-4
- XIX. **Effect Of Complexing Agent On The Structural And Optical Properties Of Amorphous Indium Sulfide Thin Films deposited By Chemical Bath Deposition**  
göde F., KARİPER I. A.  
3rd International Conference on Computational and Experimental Science and Engineering, Antalya, Turkey, 15 September - 18 May 2016, pp.1-3
- XX. **Synthesis, Structural and Optical Properties of AgI Thin Films**  
Meydaneri Tezel F., KARİPER I. A.

2. World Congress and Expo on Nanotechnology and Materials Science, Dubai/Uae, United Arab Emirates, 4 - 06 April 2016, pp.74-75

- XXI. **Poli(HEMA/Akrilamid/ Metil Metakrilat)'li Polimerin Doksorubisin Etken Maddesiyle Salınımı ve Biyolojik Fonksiyonu**  
KARİPER I. A., mısır s., hepokur c., oymak t.  
4.İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Aydın, Turkey, 17 - 20 March 2016, pp.1-2
- XXII. **Poli(HEMA/Akrilamid/İtakonik Asit)'li Hidrojellerin Doksorubisin Etken Maddesiyle Salınımı ve Biyolojik Fonksiyonu**  
hepokur c., mısır s., yıldız i., oymak t., KARİPER I. A.  
4. İlaç Kimyası, İlaç Etkin Tasarımı, Sentezi, Üretimi ve Standartizasyonu Kongresi, Aydın, Turkey, 17 - 20 March 2016, pp.1-2
- XXIII. **Gümüş Nanopartikülelere Bağlı Kapesitabin'in Meme Kanseri Hücre Serisi Üzerinde Antiproliferatif ve Proapoptotik Etkinliklerinin İncelenmesi**  
hepokur c., KARİPER I. A., mısır s.  
Sayın Ceylan HEPOKUR 4.İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Aydın, Turkey, 17 - 20 March 2016, pp.1-2
- XXIV. **Akrilamid Türevli Hidrojellerin Doksorubisin Etken Maddesiyle Salınımı ve Biyolojik Fonksiyonları**  
KARİPER I. A., oymak t., mısır s., hepokur c.  
4.İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Aydın, Turkey, 17 - 20 March 2016, pp.1-2
- XXV. **Akrilamid PolimerininAkriflavin Etken Maddesi ile Fiziksel Absorbsiyonu ve Karakterizasyonu**  
mısır s., yılmaz i., HEPOKUR C., ali ihsan h., KARİPER İ. A.  
3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 20 - 22 March 2015
- 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.  
Balkan Fizik Birliği Uluslararası Fizik Konferansı, İstanbul, Turkey, 24 - 27 August 2015, pp.1-3
- 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. **İtakonik 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.  
3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi,, Antalya, Turkey, 20 - 22 March 2015, pp.4-5
- XXX. **İtakonik 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.  
3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 20 - 22 March 2015, pp.6-7
- XXXI. **MnSe AMORPHOUS THIN FILM**  
KARİPER İ. A., Özdemir O., Meydaneri F.  
30. Uluslararası Fizik Kongresi, Turkey, 1 - 04 September 2013, pp.1-4

- XXXII. **Fen ve Teknoloji Öğretmenlerinin Argümantasyon Tabanlı Bilim Öğrenme Becerileri**  
KARİPER İ. 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**  
KARİPER İ. A., Özpozan T., Meydaneri F., Özdemir O.  
30. Uluslararası Fizik Kongresi, Turkey, 1 - 04 September 2013, pp.1-2
- XXXIV. **OPTICAL PROPERTIES OF SES2 THIN FILM BY CHEMICAL DROPPING METHOD**  
KARİPER İ. A., Özdemir O., Meydaneri F.  
30. Uluslararası Fizik Kongresi, Turkey, 1 - 04 September 2013, pp.1-2
- XXXV. **?-Fe2O3 ve ?-FeOOH Karışık Faz Filminin Optik ve Yapısal Özellikleri**  
KARİPER İ. A., Özdemir O., Meydaneri F., Kardeş E., Özpozan T.  
Turkish Physical Society 29. International Physics Conference, Turkey, 1 - 04 September 2012, pp.1-4
- XXXVI. **Demir Ksantata Mn ve Co Katkılmasıyla Optik Özelliklerinin Değişimi,**  
KARİPER İ. A., akbaş h., kahraman s., Özpozan T.  
VI. Ulusal Analitik Kimya Kongresi, Hatay, Turkey, 1 - 04 September 2012, pp.1-4
- XXXVII. **The Structural and Optical Properties of ZnSe Thin Films,**  
KARİPER İ. A., Kardeş E., Meydaneri F.  
Turkish Physical Society 29. International Physics Conference, Turkey, 1 - 04 September 2012, pp.1-4
- XXXVIII. **The Optical Properties of Amorphous CrSe Thin Films Produced by CBD Method**  
KARİPER İ. A., Meydaneri F., Güzel D.  
Turkish Physical Society 29. International Physics Conference, Turkey, 1 - 04 September 2012, pp.1-4
- XXXIX. **Cr2Se3 Yarıiletken İnce Filminin Yapısal ve Optiksel Özellikleri**  
KARİPER İ. A., Kardeş E., Meydaneri F.  
Turkish Physical Society 29. International Physics Conference, Turkey, 1 - 04 September 2012, pp.1-4
- XL. **Bakır Ksantata Zn Katkılmasıyla Optik Özelliklerinin Değişimi,**  
KARİPER İ. A., akbaş h., kahraman s., Özpozan T.  
VI. Ulusal Analitik Kimya Kongresi, Hatay, Turkey, 1 - 04 September 2012, pp.1-4
- XLI. **The Optical and Structural Properties of Amorphous CdSe Thin Films**  
KARİPER İ. A., Meydaneri F., Güzel D.  
Turkish Physical Society 29. International Physics Conference, Turkey, 1 - 04 September 2012, pp.1-4
- 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.  
X.Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Niğde, 2012, Niğde, Turkey, 1 - 04 June 2012, pp.1-4
- 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.  
I. Eğitim Bilimleri Öğrenci Sempozyumu (EBOS), Kayseri, Turkey, 1 - 04 October 2011, pp.1-4
- XLVI. **Orta Öğretim Öğrencileri İçin Fizik Tutum Ölçeği Derlenmesi ve Öğrenci Tutumlarının Değerlendirilmesi**  
KARİPER İ. A., Nalçacı İ. Ö., Coşkun H., Akarsu B.  
I. Eğitim Bilimleri Öğrenci Sempozyumu (EBOS), Kayseri, Turkey, 1 - 04 October 2011, pp.22-25
- 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.

- EBOS, Kayseri, Turkey, 1 - 04 October 2011, pp.1-4
- XLVIII. **Üniversite Öğrencilerinin Kuantum Fizikini Kavramsal Anlamaları Üzerine Bir Araştırma,**  
KARİPER İ. A., Coşkun H., Nalçacı İ. Ö., Akarsu B.  
I. Eğitim Bilimleri Öğrenci Sempozyumu (EBOS), Kayseri, Turkey, 1 - 04 October 2011, pp.1-4
- XLIX. **Enhancing Students Interests And Conceptual Knowledge On Physics And Chemistry: Saturday Science Academy**  
KARİPER İ. A., Akarsu B.  
Türk Fizik Kongresi, İzmir, Turkey, 1 - 04 September 2011, pp.1-4
- L. **Lise Öğrencilerinin Bilime Ve Kimya Bilimine Karşı Tutumları**  
KARİPER İ. A., AKARSU B., Coşkun H., Nalçacı İ., ÖZPOZAN T.  
II. Ulusal Kimya Eğitimi Kongresi, Erzurum, Turkey, 6 - 09 July 2011
- LI. **Influence of annealing temperature on the structural, optical and electrical properties of amorphous Zinc Sulfide thin films**  
Gode F., GÜNERİ E., Kariper A., Ulutas C., Kirmizigul F., GÜMÜŞ C.  
17th International Conference on Microscopy of Semiconducting Materials, Cambridge, Canada, 4 - 07 April 2011, vol.326
- LII. **Electrical characterization of Au/Carmine/n-GaAs Schottky barrier diodes**  
Boyarbay B., Akkaya A., Çetin H., Güneri E., Kariper A., AYYILDIZ E.  
MSM XVII Microscopy of Semiconducting Materials 2011, United Kingdom, 1 - 04 April 2011, pp.110
- LIII. **Structural, electrical and optical properties of CdS thin films produced by chemical bath deposition using isopropyl xanthate as ligand**  
KARİPER İ. A., Güneri E., Gümüş C.  
The 5th International Conference on Technological Advances of Thin Films & Surface Coatings, United Kingdom, 1 - 04 July 2010, pp.36-38

## Supported Projects

- KARİPER İ. A., METİN A., GÖKÇE H., TÜRKAY A., COŞKUN KARABULUT H., GÖKÇE Z., ŞAHBAZ E., BOLSU KARİPER S. E.,  
Project Supported by Higher Education Institutions, Metaverse Evren İle 4D Deprem Simülasyon Eğitimi, 2023 -  
Continues
- KARİPER İ. A., Other International Funding Programs, Farklı Kimyasallarla Rhombohedral Yapıda Silicon Carbide Sentezi,  
2016 - Continues
- KARİPER İ. A., Other International Funding Programs, Benzanilit molibdat kapasitörlerin sentezi ve üretimi, 2016 -  
Continues
- KARİPER İ. A., Other International Funding Programs, Enzim immobilizasyonu için yeni akrilamid türevli GALL  
kompozitleri POLİMERLERİNİN üretimi, 2016 - Continues
- KARİPER İ. A., Industrial Thesis Project, Yapay Elmas Kaplama, 2015 - Continues
- Kariper İ. A., KOSGEB, Hint kenevirinden Nanoselüloz üretimi, 2023 - 2025
- KARİPER İ. A., ALTINIŞIK Y., Project Supported by Higher Education Institutions, 7 Sınıf Öğrencilerinin Fen Bilimleri  
Dersinde Kanserli Hücre ve Normal Hücre Bölünmesi Arasındaki Farkı Metaverse ile Deneyimlemelerine İlişkin  
Görüşleri, 2023 - 2024
- KARİPER İ. A., ÖZDEMİR F. N., Project Supported by Higher Education Institutions, 8 Sınıf öğrencilerinin asitler ve bazlar  
konusunda laboratuvar ortamında ve metaverse ortamındaki deneyimleri, 2023 - 2024
- Kariper İ. A., Erler M., Öztürk M. E., Aksu Ö., Erasmus Project, Ontwikkeling van transnationale samenwerking op het  
gebied van cultuursensitieve thuis- en ouderenzorg (OSC) / Developing Transnational Cooperation on the On-Site Care  
(OSC), 2023 - 2024
- KARİPER İ. A., TENKEKİGİL E., Project Supported by Higher Education Institutions, Fen Bilgisi Öğretmen Adaylarının  
Nanobilim ve Nanoteknoloji Hakkındaki Görüşlerinin Belirlenmesi ve Etkinliklerle Geliştirilmesi, 2023 - 2023
- Öztürk M. E., Metin A., Aksu Ö., Kariper İ. A., Culture and Tourism Ministry, Kültürel ve Yaratıcı Endüstriler (CCI) NEET  
Ekosistemi Geliştirme Projesi, 2022 - 2023

KARİPER İ. A., ERDEM KURUCA D., DANIŞMAN KALINDEMİR TAŞ F., BAŞAR M., Project Supported by Higher Education Institutions, Albumin Nanotaşıyıcı Sisteme Yüklenmiş Tiösemitkarbazonların Antikanser Etkilerinin Araştırılması, 2021 - 2023

KARİPER İ. A., KORKMAZ S., Project Supported by Higher Education Institutions, Organik Süperkapasitör Üretimi, 2020 - 2021

Kariper I. A., Biçer N., TÜBİTAK Project, karbondioksit adsorpsiyonu sağlayarakuyku sürecinde solunum kalitesini desteklemeye yönelik örme yatak kumaşı geliştirilmesi , 2019 - 2020

Kariper İ. A., Biçer N., Technopark, Elektromanyetik Kalkanlama Özelliğine Sahip Örme Yatak Kumaşlarının Üretimi , 2019 - 2020

KARİPER İ. A., ÖZDEMİR H., Project Supported by Higher Education Institutions, Isı ve ses yalıtımı için esnek grafen ve silika aerojellerin üretimi, 2016 - 2018

KARİPER İ. A., Other International Funding Programs, Selenyum-Silisyum kaynaklı ve demir katkılı tellür ksantat kapasitörlerin sentezi ve üretimi, 2016 - 2016

KARİPER İ. A., Other International Funding Programs, ELMAS TOZ ÜRETİMİ, 2016 - 2016

KARİPER İ. A., Other International Funding Programs, Karbon Temelli Yeni Elektrotlar, 2015 - 2016

KARİPER İ. A., Other International Funding Programs, İlaç Salınımı için N-İzopropilakrilamid (NIPAM) ve N-İzopropilakrilamid (NIPAM)-sepiyolit polimerlerinin üretimi, 2015 - 2015

KARİPER İ. A., Other International Funding Programs, İlaç Salınımı için POLY(ACRYLAMIDE-METHACRYLIC ACID) krojel polimerlerinin üretimi, 2015 - 2015

KARİPER İ. A., TÜBİTAK Project, Cumartesi Bilim Okulu: İlkokul Öğrencileri için Mekanik, 2014 - 2014

KARİPER İ. A., Project Supported by Other Official Institutions, İnce Filmlerin Kimyasal Depolama Metodu ile Üretilmesi ve Fiziksel Özelliklerinin Araştırılması, 2013 - 2014

ÖZPOZAN T., KARİPER İ. A., Project Supported by Higher Education Institutions, BAZI METAL KSANTAT İNCE FİMLERİN KİMYASAL DEPOLAMA YÖNTEMİYLE ELDESİ VE İNCELENMESİ, 2011 - 2014

KARİPER İ. A., TÜBİTAK Project, Cumartesi Bilim Okulu-2: Ekoloji, 2013 - 2013

KARİPER İ. A., AKARSU B., TÜBİTAK Project, Proje F-Drama: Fen Bilgisi Eğitiminde Drama Yönteminin Uygulanması, 2013 - 2013

KARİPER İ. A., TÜBİTAK Project, Arastirmaci Öğretmen, 2013 - 2013

AKARSU B., KARİPER İ. A., AKARSU B., Project Supported by Higher Education Institutions, Bilim Okulları ve Bilimsel Gösterilerin Öğrenciler ve Fen Bilgisi Öğretmenlerinin Bilimsel Akademik ve Tutumlarına Etkileri, 2012 - 2013

KARİPER İ. A., TÜBİTAK Project, BİR CUMARTESİ BİLİM OKULU NASIL TASARLANIR?, 2012 - 2012

GÜNERİ ÖZDEMİR E., KIRMIZIGÜL F., Project Supported by Higher Education Institutions, Güneş Kontrol Tabakası Olarak Kullanılan CuxS İnce Filmlerin Kimyasal Depolama Yöntemiyle Elde Edilmesi ve Parametrelerin Optimizasyonu, 2010 - 2012

KARİPER İ. A., TÜBİTAK Project, Duvarlar Olmadan, 2011 - 2011

AKARSU B., KARİPER İ. A., AKARSU B., Project Supported by Higher Education Institutions, Cumartesi Bilim Akademisi: İlköğretimdeki Öğrencilerin Bilimsel Bilgilerinin Sorgulama Yöntemi (Inquiry) ile Artırılması, 2010 - 2011

SARAÇOĞLU S., KAÇAR D. S., KARİPER İ. A., Project Supported by Higher Education Institutions, BAZI AĞIR METAL İYONLARININ ORGANİK KAREKTERLİ ÇÖKELEKLER İLE BİRLİKTE ÇÖKTÜRÜLEREK ZENGİNLEŞTİRİLMELERİ VE AAS İLE TAYİNLERİ., 2005 - 2006

## Patent

Kariper İ. A., SİLİKA AEROJEL KATKILI POLİMER MALZEME, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: TR 2018 20343 B , Standard Registration, 2022

Kariper İ. A., HEPATIT B VIRÜSÜ TAYİNİNİ KOLAYLAŞTIRACAK VE ASI GELİSTİRİLMESİ İÇİN BESİYERİ, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: TR 2020 10892 B , Standard Registration, 2022

Kariper I. A., Farklı Kimyasallarla Rhombohedral Yapıda Silicon Carbide Sentezi, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: TR 2016 10020 B , Standard Registration, 2020

Kariper I. A., Karbon Temelli Yeni Elektrotlar , Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration

Number: 1 , Standard Registration, 2019

KARİPER I. A., Ses Yalıtımı İçin Katı Toz Grafen Oksit Aerojeller (Başvuruldu), Patent, CHAPTER C Chemistry; Metallurgy, Standard Registration, 2018

KARİPER I. A., Plastik Silika Aerojellerin Üretimi ve Isı Yalıtımı (Başvuruldu), Patent, CHAPTER C Chemistry; Metallurgy, Standard Registration, 2018

KARİPER I. A., Selenyum ve Silisyum kaynaklı ksantat kapasitörlerin sentezi ve üretimi (Başvuruldu), Patent, CHAPTER C Chemistry; Metallurgy, Standard Registration, 2016

KARİPER I. A., Benzanilit molibdat kapasitörlerin sentezi ve üretimi (Başvuruldu), Patent, CHAPTER C Chemistry; Metallurgy, Standard Registration, 2016

KARİPER I. A., Enzim immobilizasyonu için yeni akrilamid türevli GALL kompozitleri polimerlerinin üretimi (Başvuruldu), Patent, CHAPTER A Human Needs, Standard Registration, 2016

KARİPER I. A., Demir katkılı Tellur ksantat kapasitörlerin sentezi ve üretimi (Başvuruldu), Patent, CHAPTER C Chemistry; Metallurgy, Standard Registration, 2016

KARİPER I. A., Elmas Toz Üretimi, Patent, CHAPTER C Chemistry; Metallurgy, Standard Registration, 2016

KARİPER I. A., İlaç Salınımı için poly(nipam-akrilamid-maleik asit) ve poly(nipam-akrilamid-maleik asit-sepiyolit) krojojel polimerlerinin üretimi, Patent, CHAPTER A Human Needs, Standard Registration, 2015

## 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

Journal of Global Research in Education and Social Science, SCI Journal, February 2015

Materials Research Express, SCI Journal, February 2015

Journal of Scientific Research and Reports, Other Indexed Journal, February 2015

Int. J. of Bioinformatics Research and Applications, SCI Journal, December 2014

Int. J. of Biomedical Nanoscience and Nanotechnology, Other Indexed Journal, December 2014  
Physical Science International Journal, SCI Journal, December 2014  
Materials Research Express, SCI Journal, November 2014  
American Chemical Science Journal, Other Indexed Journal, August 2014  
British Journal of Applied Science & Technology, Other Indexed Journal, August 2014  
American Chemical Science Journal, Other Indexed Journal, July 2014  
International Journal of Science and Technology, SCI Journal, June 2014  
Advances in Research, SCI Journal, April 2014  
European Journal of Teacher Education, SCI Journal, April 2014  
British Journal of Education, Society & Behavioural Science, Journal Indexed in SSCI, February 2014  
Spectroscopy Letters, SCI Journal, January 2014  
American Chemical Journal, SCI Journal, November 2013  
European Journal of Teacher Education, Journal Indexed in SSCI, August 2013  
Current Nanoscience, SCI Journal, July 2013  
Journal of European Education, Other Indexed Journal, April 2013  
European Journal of Physics Educaiton, Other Indexed Journal, March 2013  
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  
2015 Global Conference on Polymer and Composite Materials (PCM 2015), Other, Erciyes University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, Turkey, 2015 - 2015

## Metrics

Publication: 272  
Citation (WoS): 2267  
Citation (Scopus): 2477  
H-Index (WoS): 23  
H-Index (Scopus): 25

## Congress and Symposium Activities

3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Attendee, ANTALYA, Turkey, 2015  
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  
X. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Attendee, Niğde, Turkey, 2012  
Türk Fizik Kongresi, Attendee, İzmir, Turkey, 2011  
I. Eğitim Bilimleri Öğrenci Sempozyumu, Attendee, Kayseri, Turkey, 2011  
II. Kimya Eğitimi Kongresi, Attendee, Erzurum, Turkey, 2011



## **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 katkı emprenye boyalar, İkmib, April 2018

Kariper I. A., Diamond Like Solid Powder Production, Türk Patent, March 2018

KARİPER I. A., GCIP Yarı Finalist, Tübitak, August 2015

## **Non Academic Experience**

Erciyes Üniv.