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International Researcher IDs

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Biography

Ismail Öçsoy received his B. S. in Chemistry from the Kırıkkale University, Turkey. He earned his MS and Ph.D. in chemistry at the University of Florida under the supervisory of Prof. Weihong Tan. His research focuses on the synthesis, characterization and development of novel hybrid nanomaterials for biological and biomedical applications including small molecules capturing from cancer cells, enrichment of glycoproteins and detection, killing of a drug resistance bacteria, aptamer conjugated nanomaterials and targeted photodynamic and photothermal therapies for various types of cancer.

Education Information

Doctorate, University of Florida, Collage Of Sciences And Arts, Chemistry, United States Of America 2011 - 2014

Postgraduate, University of Florida, Collage Of Sciences And Arts, Chemistry, United States Of America 2009 - 2011

Undergraduate, Kırıkkale University, Faculty Of Arts And Sciences, Kimya, Turkey 2002 - 2006

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, ENGINEERING MULTIFUNCTIONAL HYBRID NANOMATERIALS FOR BIOANALYTICAL AND BIOMEDICAL APPLICATIONS , University Of Florida, Collage Of Sciences And Arts, Chemistry, 2014

Research Areas

Basic Sciences, Chemistry, Analytical Chemistry, Bioanalytical Methods, Sensors, Surface Analysis, Biochemistry, Biophysical Chemistry, Bioinorganic Chemistry, Physical Chemistry, nanocomposites, Surface Chemistry

Academic Titles / Tasks

Professor, Erciyes University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2023 - Continues
Associate Professor, Erciyes University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2017 - 2022
Assistant Professor, Erciyes University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2015 - 2017
Lecturer PhD, Erciyes University, Fen Fakültesi, Kimya, 2014 - 2015

Academic and Administrative Experience

Erciyes University, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Horseradish peroxidase (HRP) nanoflowers-mediated polymerization of vinyl monomers**
Ozaydin G., Mirioglu M., Kaplan N., Dadi S., ÖÇSOY İ., GÖKTÜRK E.
Journal of Polymer Research, vol.31, no.12, 2024 (SCI-Expanded)
- II. **UV light promoted dihydrolipoic acid and its alanine derivative directed rapid synthesis of stable gold nanoparticles and their catalytic activity**
Temur N., Dadi S., Nisari M., Ucuncuoglu N., Avan I., ÖÇSOY İ.
Scientific reports, vol.14, no.1, pp.24697, 2024 (SCI-Expanded)
- III. **A novel composite electrochemical sensor doped ion-imprinted polymer based on N-methacryloyl-L-histidine/ethylene glycol dimethacrylate for ultrasensitive determination of copper (II) ions in food supplements**
Topcu C., Yilmaz R. R., Atasoy B. H., ÖÇSOY İ., YILMAZ V.
Chemical Papers, vol.78, no.15, pp.8245-8260, 2024 (SCI-Expanded)
- IV. **Evaluation of the antibacterial activity of dental adhesive containing biogenic silver nanoparticles decorated nanographene oxide nanocomposites (Ag@nGO NCs) and effect on bond strength to dentine**
ARSLAN S., Ekrikaya S., ILDIZ N., Yusufbeyoglu S., ÖÇSOY İ.
Odontology, vol.112, no.2, pp.341-354, 2024 (SCI-Expanded)
- V. **The Use of Conjugated Gold Nanorods with Reduced Toxicity in Photothermal Therapy for MRSA**
Yusufbeyoglu S., ÇINAR V., Ildiz N., HAMURCU Z., ÖÇSOY İ., Kilic A. B.
CHEMISTRYSELECT, vol.9, no.11, 2024 (SCI-Expanded)
- VI. **Production of flower-shaped nanobiocatalysts from green tea and investigation of their peroxidase mimicking activity on the polymerization of phenol derivatives**
Kalayci B., Kaplan N., DADI Ş., ÖÇSOY İ., Gokturk E.
Polymers for Advanced Technologies, vol.35, no.1, 2024 (SCI-Expanded)
- VII. **Red cabbage extract-mediated colorimetric sensor for swift, sensitive and economic detection of urease-positive bacteria by naked eye and Smartphone platform**
Celik C., Demir N. Y., DUMAN M., ILDIZ N., ÖÇSOY İ.
Scientific Reports, vol.13, no.1, 2023 (SCI-Expanded)
- VIII. **Dentin bond strength and antimicrobial activities of universal adhesives containing silver nanoparticles synthesized with Rosa canina extract**
Ekrikaya S., Yilmaz E., ARSLAN S., Karaaslan R., Ildiz N., Celik C., ÖÇSOY İ.
Clinical Oral Investigations, vol.27, no.11, pp.6891-6902, 2023 (SCI-Expanded)
- IX. **Facile Synthesis of Hybrid Nanoflowers Using Glycine and Phenylalanine and Investigation of Their Catalytic Activity**
DEMİRBAŞ A., KARSLI B., ÖÇSOY İ.
Chemistry and Biodiversity, vol.20, no.8, 2023 (SCI-Expanded)
- X. **Formation of *Umbilicaria decussata* (Antarctic and Turkey) Extracts Based Nanoflowers with Their Peroxidase Mimic, Dye Degradation and Antimicrobial Properties**

DEMİRBAŞ A., KARSLI B., DADI S., ARABACI N., KOCA F. D., HALICI M. G., ÖÇSOY İ.

CHEMISTRY & BIODIVERSITY, vol.20, no.8, 2023 (SCI-Expanded)

- XI. **Development of a Colorimetric Urease Test Based on Au NPS Capped with Anthocyanin for the Rapid Detection of *Helicobacter pylori* through Multiple Readouts**
Sezgin G. C., Tekin Y. E., Calim B., Celik C., Alrifai W., Temur N., Ildiz N., ÖÇSOY İ.
ChemistrySelect, vol.8, no.27, 2023 (SCI-Expanded)
- XII. **Recent Advances in Colorimetric Tests for the Detection of Infectious Diseases and Antimicrobial Resistance**
Celik C., KALIN ÜNÜVAR G., Cetinkaya Z., Ildiz N., ÖÇSOY İ.
DIAGNOSTICS, vol.13, no.14, 2023 (SCI-Expanded)
- XIII. **Anthocyanin-rich black carrot (*Daucus carota* ssp. sativus var. atrorubens Alef.) and red cabbage (*Brassica oleracea*) extracts incorporated biosensor for colorimetric detection of *Helicobacter pylori* with color image processing**
Sezgin G. C., ÖÇSOY İ.
BRAZILIAN JOURNAL OF MICROBIOLOGY, vol.54, no.2, pp.897-905, 2023 (SCI-Expanded)
- XIV. **Natural Molecule-Incorporated Magnetic Organic-Inorganic Nanoflower: Investigation of Its Dual Fenton Reaction-Dependent Enzyme-Like Catalytic Activities with Cyclic Use**
Altay Ş., Cardoso M. H., Mandal A. K., Franco O. L., Öçsoy İ.
CHEMISTRYSELECT, vol.8, no.-, pp.1-11, 2023 (SCI-Expanded)
- XV. **In Situ Synthesis of Horseradish Peroxidase Nanoflower@Carbon Nanotube Hybrid Nanobiocatalysts with Greatly Enhanced Catalytic Activity**
DADI Ş., Temür N., GÜL O. T., YILMAZ V., ÖÇSOY İ.
LANGMUIR, vol.39, no.13, pp.4819-4828, 2023 (SCI-Expanded)
- XVI. **Surge of mucormycosis during the COVID-19 pandemic**
Dam P., Cardoso M. H., Mandal S., Franco O. L., SAĞIROĞLU P., POLAT O. A., KÖKOĞLU K., Mondal R., Mandal A. K., ÖÇSOY İ.
Travel Medicine and Infectious Disease, vol.52, 2023 (SCI-Expanded)
- XVII. **Organic-Inorganic Nanocomposites of *Aspergillus terreus* Extract and Its Compounds with Antimicrobial Properties**
Uras I. S., KARSLI B., Konuklugil B., ÖÇSOY İ., DEMİRBAŞ A.
SUSTAINABILITY, vol.15, no.5, 2023 (SCI-Expanded)
- XVIII. **Symposium 3: Development of Multifunctional Nanomaterials and Their Potential Use in Nanomedicine Sempozyum 3.1: Nanotechnology and its Applications**
ÖÇSOY İ.
ACTA PHYSIOLOGICA, pp.12, 2023 (SCI-Expanded)
- XIX. **Nanoflower synthesis formed at different pH based on *Crocus sativus* L. (*Crocus stigma*, saffron) extract and its major components: a new approach for enhancing antioxidant, antimicrobial and catalytic activities**
Baldemir Kılıç A., ILDIZ N., Yusufbeyoğlu S., ÖÇSOY İ.
Inorganic and Nano-Metal Chemistry, 2023 (SCI-Expanded)
- XX. **Editorial: Enzyme immobilization technologies and their biomanufacturing applications**
Cui J., ÖÇSOY İ., Mahmoud M. A., Du Y.
Frontiers in Bioengineering and Biotechnology, vol.11, 2023 (SCI-Expanded)
- XXI. **Silk-based nano-biocomposite scaffolds for skin organogenesis**
Dam P., Altuntas S., Mondal R., Baudrit J. R. V., Kati A., Ghorai S., Sadat A., Gangopadhyay D., Shaw S., Franco O. L., et al.
MATERIALS LETTERS, vol.327, 2022 (SCI-Expanded)
- XXII. ***Usnea antarctica* (James Ross Island, Antarctica) and *Usnea subfloridana* (Uludağ, Turkey) Incorporated Hybrid Nanoflowers with Their Intrinsic Catalytic and Antimicrobial Activities**
Demirbaş A., Karşlı B., Dadi Ş., Koca F. D., Halıcı M. G., Öçsoy İ.
CHEMISTRYSELECT, vol.7, no.43, pp.1-11, 2022 (SCI-Expanded)

- XXIII. **Usnea antarctica (James Ross Island, Antarctica) and Usnea subfloridana (Uludag, Turkey) Incorporated Hybrid Nanoflowers with Their Intrinsic Catalytic and Antimicrobial Activities**
DEMİRBAŞ A., KARSLI B., Dadi S., KOCA F. D., HALICI M. G., ÖÇSOY İ.
CHEMISTRYSELECT, vol.7, no.43, 2022 (SCI-Expanded)
- XXIV. **Synthesis of taurine-Cu-3(PO₄)(2) hybrid nanoflower and their peroxidase-mimic and antimicrobial properties**
Yilmaz S. G., DEMİRBAŞ A., Karaagac Z., Dadi S., Celik C., Yusufbeyoglu S., ILDIZ N., Mandal A. K., ÇİMEN B., ÖÇSOY İ.
JOURNAL OF BIOTECHNOLOGY, vol.343, pp.96-101, 2022 (SCI-Expanded)
- XXV. **Preparation of magnetic horseradish peroxidase-laccase nanoflower for rapid and efficient dye degradation with dual mechanism and cyclic use**
Gul O. T., ÖÇSOY İ.
MATERIALS LETTERS, vol.303, 2021 (SCI-Expanded)
- XXVI. **Co-Enzymes based nanoflowers incorporated-magnetic carbon nanotubes: A new generation nanocatalyst for superior removal of cationic and anionic dyes with great repeated use**
Gul O. T., ÖÇSOY İ.
ENVIRONMENTAL TECHNOLOGY & INNOVATION, vol.24, 2021 (SCI-Expanded)
- XXVII. **A facile and one-pot aqueous phase transfer of oleylamine capped Au NP with aminophenylboronic acid used as transfer and targeting ligand**
Karaagac Z., Yusufbeyoglu S., ILDIZ N., Sellami H., ÖÇSOY İ.
ENZYME AND MICROBIAL TECHNOLOGY, vol.148, 2021 (SCI-Expanded)
- XXVIII. **DNA Aptamer-Conjugated Magnetic Graphene Oxide for Pathogenic Bacteria Aggregation: Selective and Enhanced Photothermal Therapy for Effective and Rapid Killing**
Ocoy M. A., Yusufbeyoglu S., ILDIZ N., ÜLGEN A., ÖÇSOY İ.
ACS OMEGA, vol.6, no.31, pp.20637-20643, 2021 (SCI-Expanded)
- XXIX. **Green synthesis of silver nanoparticles using aqueous extracts of three Sideritis species from Turkey and evaluations bioactivity potentials**
Ceylan R., DEMİRBAŞ A., ÖÇSOY İ., Aktumsek A.
Sustainable Chemistry and Pharmacy, vol.21, 2021 (SCI-Expanded)
- XXX. **Novel Anthocyanin-Based Colorimetric Assay for the Rapid, Sensitive, and Quantitative Detection of Helicobacter pylori**
Celik C., CAN SEZGIN G., Kocabas U. G., GÜRSOY Ş., ILDIZ N., Tan W., ÖÇSOY İ.
ANALYTICAL CHEMISTRY, vol.93, no.15, pp.6246-6253, 2021 (SCI-Expanded)
- XXXI. **Can food and food supplements be deployed in the fight against the COVID 19 pandemic?**
Celik C., Gençay Göksu A., Öçsoy İ.
BIOCHIMICA ET BIOPHYSICA ACTA-GENERAL SUBJECTS, vol.1865, no.2, 2021 (SCI-Expanded)
- XXXII. **Silver Nanoparticles Biosynthesized from Vaccinium myrtillus L. against Multiple Antibiotic Resistance and Biofilm Forming Escherichia coli and Pseudomonas aeruginosa**
ILDIZ N., Korkmaz F., Yusufbeyoglu S., Kilic A. B., ÖÇSOY İ.
INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH, vol.55, no.1, 2021 (SCI-Expanded)
- XXXIII. **Dopamine and norepinephrine assistant-synthesized nanoflowers immobilized membrane with peroxidase mimic activity for efficient detection of model substrates**
Dadi S., Celik C., Mandal A. K., ÖÇSOY İ.
APPLIED NANOSCIENCE, vol.11, no.1, pp.117-125, 2021 (SCI-Expanded)
- XXXIV. **Simultaneous use of phenylboronic acid as a phase transfer agent and targeting ligand for gold nanoparticles**
Karaagac Z., Onal I., Ildiz N., Öçsoy İ.
MATERIALS LETTERS, vol.280, 2020 (SCI-Expanded)
- XXXV. **Preparation of nature inspired indicator based agar for detection and identification of MRSA and MRSE**
Celik C., Ildiz N., Sağıroğlu P., Atalay M. A., Yazıcı C., Öçsoy İ.
TALANTA, vol.219, 2020 (SCI-Expanded)

- XXXVI. **Peroxidase-like activity and antimicrobial properties of curcumin-inorganic hybrid nanostructure**
Koca F. D., Yilmaz D. D., Onmaz N. E., Öçsoy İ.
Saudi Journal of Biological Sciences, vol.27, no.10, pp.2574-2579, 2020 (SCI-Expanded)
- XXXVII. **Horseradish peroxidase-based hybrid nanoflowers with enhanced catalytical activities for polymerization reactions of phenol derivatives**
GÖKTÜRK E., ÖÇSOY İ., Turac E., ŞAHMETLİOĞLU E.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.31, no.10, pp.2371-2377, 2020 (SCI-Expanded)
- XXXVIII. **Can concomitant use of zinc and curcumin with other immunity-boosting nutraceuticals be the arsenal against COVID-19?**
Roy A., Sarkar B., Celik C., Ghosh A., Basu U., Jana M., Jana A., Gençay Göksu A., Can Sezgin G., Ildız N., et al.
PHYTOTHERAPY RESEARCH, vol.34, pp.2425-2428, 2020 (SCI-Expanded)
- XXXIX. **Transfer of hydrophobic colloidal gold nanoparticles to aqueous phase using catecholamines**
Karaagac Z., Gul O. T., ILDIZ N., ÖÇSOY İ.
JOURNAL OF MOLECULAR LIQUIDS, vol.315, 2020 (SCI-Expanded)
- XL. **Gallic acid nanoflower immobilized membrane with peroxidase-like activity for m-cresol detection**
Dadi S., Celik C., ÖÇSOY İ.
SCIENTIFIC REPORTS, vol.10, no.1, 2020 (SCI-Expanded)
- XLI. **Preparation of natural indicator incorporated media and its logical use as a colorimetric biosensor for rapid and sensitive detection of Methicillin-resistant Staphylococcus aureus**
Celik C., ILDIZ N., Kaya M. Z., Kilic A. B., ÖÇSOY İ.
ANALYTICA CHIMICA ACTA, vol.1128, pp.80-89, 2020 (SCI-Expanded)
- XLII. **Green synthesis of allicin based hybrid nanoflowers with evaluation of their catalytic and antimicrobial activities**
Koca F. D., Yilmaz D. D., Onmaz N. E., Yilmaz E., Öçsoy İ.
BIOTECHNOLOGY LETTERS, vol.42, no.9, pp.1683-1690, 2020 (SCI-Expanded)
- XLIII. **Response to "MacIntyre et al., 2020: A rapid systematic review of the efficacy of face masks and respirators against coronaviruses and other respiratory transmissible viruses for the community, healthcare workers and sick patients"**
Mandal A. K., Dam P., Franco O. L., Sellami H., Mandal S., CAN SEZGİN G., Biswas K., Nandi P. S., ÖÇSOY İ.
INTERNATIONAL JOURNAL OF NURSING STUDIES, vol.109, 2020 (SCI-Expanded)
- XLIV. **Bio-molecule functionalized rapid one-pot green synthesis of silver nanoparticles and their efficacy toward the multidrug resistant (MDR) gut bacteria of silkworms (Bombyx mori)**
Some S., Sarkar B., Biswas K., Jana T. K., Bhattacharjya D., Dam P., Mondal R., Kumar A., Deb A. K., Sadat A., et al.
RSC ADVANCES, vol.10, no.38, pp.22742-22757, 2020 (SCI-Expanded)
- XLV. **One step preparation of stable gold nanoparticle using red cabbage extracts under UV light and its catalytic activity**
Unal I. S., Demirbas A., Onal I., Ildız N., Öçsoy İ.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, vol.204, 2020 (SCI-Expanded)
- XLVI. **Synthesis of Long-Term Stable Gold Nanoparticles Benefiting from Red Raspberry (Rubus idaeus), Strawberry (Fragaria ananassa), and Blackberry (Rubus fruticosus) Extracts-Gold Ion Complexation and Investigation of Reaction Conditions**
DEMİRBAŞ A., Buyukbezirci K., Celik C., Kislakci E., Karaagac Z., Gokturk E., Kati A., ÇİMEN B., YILMAZ V., ÖÇSOY İ.
ACS OMEGA, vol.4, no.20, pp.18637-18644, 2019 (SCI-Expanded)
- XLVII. **Formation of functional nanobiocatalysts with a novel and encouraging immobilization approach and their versatile bioanalytical applications**
Celik C., Tasdemir D., Demirbas A., Kati A., Gul O. T., ÇİMEN B., ÖÇSOY İ.
RSC ADVANCES, vol.8, no.45, pp.25298-25303, 2018 (SCI-Expanded)

- I. **Investigation of Peroxidase-Like Activity of Flower-Shaped Nanobiocatalyst from Viburnum Opulus L. Extract on the Polymerization Reactions**
Kalayci B., Kaplan N., Mirioglu M., Dadi S., ÖÇSOY İ., GÖKTÜRK E.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.11, no.3, pp.1321-1328, 2024 (Scopus)
- II. **Role of pretty nanoflowers as novel versatile analytical tools for sensing in biomedical and bioanalytical applications**
DADI Ş., ÖÇSOY İ.
SMART MEDICINE, no.1, 2024 (ESCI)
- III. **A new approach for green synthesis and characterization of Artemisia L. (Asteraceae) genotype extracts -Cu²⁺ nanocomplexes (nanoflower) and their effective antimicrobial activity**
Baldemir Kılıç A., Altınkaynak C., Ildız N., Özdemir N., Yılmaz V., Öçsoy İ.
Medicine Science International Medical Journal, vol.9, no.1, pp.191-196, 2020 (Peer-Reviewed Journal)
- IV. **Kudret Narı (Momordica charantia Descourt.) Meyvesinden Saflaştırılan Peroksidaz Enzimi Kullanılarak Hibrit Nano Çiçekler Sentezlenmesi ve Direct blue 1 Gideriminde Kullanılabilirlikleri**
ALTINKAYNAK C., BALDEMİR KILIÇ A., ÖZDEMİR N., YILMAZ V., ÖÇSOY İ.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.9, no.2, pp.573-583, 2020 (Peer-Reviewed Journal)
- V. **Pisolithus arrhizus Ekstraktı Kullanılarak Sentezlenen Titanyum Nanopartikülünün Antimikrobiyal Etkisi**
YUVALI ÇELİK G., ONBAŞLI D., Özbahar Ö., ÖÇSOY İ.
Erciyes Üniversitesi Veteriner Fakültesi Dergisi, vol.16, no.3, pp.157-161, 2019 (Peer-Reviewed Journal)
- VI. **Kitosan-gümüş nanopartikülü ve kitosan-gümüş-grafen oksit nanokompozitinin sentezi, karakterizasyonu ve antimikrobiyal aktivitelerinin Belirlenmesi.**
ONBAŞLI D., YUVALI ÇELİK G., Durbilmez G. D., ÖÇSOY İ.
ERÜ Veteriner Fakültesi Dergisi, vol.15, no.3, pp.208-215, 2018 (Peer-Reviewed Journal)
- VII. **Kitozan Gümüş Nanopartikülü ve Kitozan-Gümüş-Grafen Oksit Nanokompozitinin Sentezi, Karakterizasyonu ve Antimikrobiyal Aktivitelerinin belirlenmesi**
ONBAŞLI D., YUVALI ÇELİK G., Durbilmez G. D., ÖÇSOY İ.
Journal of Faculty of Veterinary Medicine Erciyes University, vol.15, no.3, pp.208-215, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Silver Nanoparticles in Dentistry**
GÜNDEŞ N. S., TEMUR N., KORKMAZ B., ÖZKAYA Z. A., ÖÇSOY İ.
in: Silver Nanoparticles for Drug Delivery, PRASHANT KESHERWANI, Editor, Elsevier, Londrina, pp.265-286, 2024
- II. **Plant Extract Guided Nanomaterials and Plant Disease Management**
KARAAĞAÇ Z., DADI Ş., Ekrikaya S., ÖÇSOY İ.
in: Nanotechnology in Sustainable Agriculture, M. Anwar Mallick, Manoj Kumar Solanki, Baby Kumari, Suresh Kumar Verma, Editor, CRC Press, Boca Raton, pp.1-20, 2021
- III. **Synthesis of metallic and metal oxide nanomaterials**
ÖÇSOY İ., DEMİRBAŞ A., KATI A., ARABACI N., Karaytuğ T.
in: Green Synthesis of Nanomaterials for Bioenergy Applications, Neha Srivastava (Editor), Manish Srivastava (Editor), P. K. Mishra (Editor), Vijai Kumar Gupta (Editor), Editor, Wiley, pp.99-124, 2020
- IV. **Nanotechnology in Plants**
ÖÇSOY İ., Tasdemir D., Mazıcıoğlu S., Tan W.
in: Advances in Biochemical Engineering/Biotechnology, Scheper, Th., Belkin, S., Bley, Th., Bohlmann, J., Gu, M.B., Hu, W.-S., Mattiasson, B., Nielsen, J., Seitz, H., Ulber, R., Zeng, A.-P., Zhong, J.-J., Zhou, W., Editor, Springer International Publishing, pp.1-13, 2018
- V. **Biomimetic Fractal Nanometals As A Transducer Layer in Electrochemical Biosensing**
McLamore E., Convertino, M., ÖÇSOY İ., Vanegas D., Taguchi M., Rong Y., Gomes C., Chaturvedi P., Claussen J.

Refereed Congress / Symposium Publications in Proceedings

- I. **Exploring Nanotechnology's Role in Advancing Reproductive Biotechnologies: The Current Landscape at Erciyes University and Türkiye**
Öztürk A. E., Atay Y. E., Bodu M., Sarıözkan S., Öçsoy İ.
VII. International Congress on Domestic Animal Breeding Genetics and Husbandry Animal Nutrition, Aquaculture, Apiculture and Veterinary Science, Krakow, Poland, 18 - 20 September 2023
- II. **Nanoparticles As Local Delivery Systems In Bone Regeneration**
YILMAZ ASAN C., ÖÇSOY İ., LEKESİZCAN A., DEMİRBAŞ A. E.
25th International Conference on Oral And Maxillofacial Surgery, vanvouver, Canada, 08 June 2023
- III. **Çilek ekstrelerinden tek basamakta sentezlenen gümüş nanopartiküllerin antimikrobiyal özelliklerinin endodontik patojenler üzerine etkisi**
YILMAZ E., DEMİRBAŞ A., Çelik Ç., İLDİZ N., DEMİRBUĞA S., ÖÇSOY İ.
ERDİŞ ULUSLARARASI DIŞ HEKİMLİĞİ KONGRESİ, 26 - 28 February 2020
- IV. **Propolis Tabanlı Nanoçiçeklerin Sentezi ve İn vitro Antimikrobiyal Aktiviteleri**
BALDEMİR KILIÇ A., Akçakaya S., İLDİZ N., İLGÜN S., Yusufbeyoğlu S., ÖÇSOY İ.
ULUSLARARASI SAĞLIK VE SPOR BİLİMLERİNDE AKADEMİK ÇALIŞMALAR SEMPOZYUMU, 15 - 17 November 2019
- V. **Propolis Tabanlı Nanoçiçeklerin Sentezi ve In Vitro Antimikrobiyal Aktiviteleri**
BALDEMİR KILIÇ A., Akçakaya S., İLDİZ N., İLGÜN S., YUSUFBEYOĞLU S., ÖÇSOY İ.
7th International Symposium on Academic Studies in Health and Sports Sciences, 15 - 17 November 2019, vol.1, pp.1-12
- VI. **Preparation of Ag@GO nanocomposite using the Antarctic endemic lichenized fungus Umbilicaria antarctica extract and investigation of its antimicrobial properties.**
HALICI M. G., KOCA F. D., ÖÇSOY İ., DEMİRBAŞ A.
Nanotechnology and Nanomaterials (NANO-2019), Lviv, Ukraine, 27 - 30 September 2019
- VII. **YENİ BİR İMMOBİLİZASYON YAKLAŞIMI İLE BSA- KOBALT (II) HİBRİT NANOÇİÇEKLERİN SENTEZİ VE KARAKTERİZASYONU**
KARAAĞAÇ Z., ÖÇSOY İ.
III. International Scientific and Vocational Studies Congress – Science and Health, 27 - 30 June 2019, vol.1, pp.115-120
- VIII. **LİGNİN PEROKSİDAZ TEMELLİ NANOKOMPOZİTLERİN SENTEZLENMESİ VE KARAKTERİZASYONU**
KIŞLAKÇI E., ÖÇSOY İ.
III. International Scientific and Vocational Studies Congress – Science and Health, 27 - 30 June 2019, vol.1, pp.109-114
- IX. **PREPARATION OF ARTEMISIA L. (ASTERACEAE) EXTRACTS INCORPORATED NANOFLOWERS AND THEIR ENHANCED ANTIMICROBIAL ACTIVITY**
BALDEMİR KILIÇ A., ALTINKAYNAK C., İLDİZ N., ÖZDEMİR N., YILMAZ V., ÖÇSOY İ.
International Multidisciplinary Symposium on Drug Research Development (DRD 2019), 1 July - 03 January 2019, vol.1, pp.233-239
- X. **3-Florofenol'ün Horseradish Peroksidaz Nanobiyokatalizörü ile polimerleştirilmesi: Sentez, Karakterizasyon ve Termal Kararlılık**
GÖKTÜRK E., ÖÇSOY İ.
International Turkic World Congress on Science and Engineering, 17 - 18 April 2019, vol.1, pp.432-439
- XI. **BAKIR İYONU KATILMIŞ HORSERADİSH PEROKSİDAZ NANOBİYOKATALİZÖRÜ İLE 2-KLOROFENOL'ÜN POLİMERLEŞTİRİLMESİ**
GÖKTÜRK E., ÖÇSOY İ.

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A Green Approach For Formation Of Silver Nanoparticles On Magnetic Graphene Oxide And Highly Effective Antimicrobial Activity And Reusability, Attendee, İstanbul, Turkey, 2016

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6th Annual NanoScience Technology Symposium, Attendee, Gainesville, FL, USA, United States Of America, 2013

4th International Symposium on Tomato Diseases & 28th U.S. Annual Tomato Disease Workshop, Attendee, Orlando, Florida, USA, United States Of America, 2013

UF Health Cancer Center Research Poster Day, Attendee, Gainesville, FL, USA, United States Of America, 2013

64th Pittsburgh Conference, Attendee, Philadelphia, PA, USA , United States Of America, 2013

64th Pittsburgh Conference, Attendee, Philadelphia, PA, USA , United States Of America, 2013

5th Annual NanoScience Technology Symposium, Attendee, Tampa, FL, USA , United States Of America, 2012

5th Annual NanoScience Technology Symposium, Attendee, Tampa, FL, USA , United States Of America, 2012

Department of Food Science/University of Florida, Attendee, Gainesville, FL, USA, United States Of America, 2012

63rd Pittsburgh Conference, Attendee, Orlando, FL, USA , United States Of America, 2012

4th Annual NanoScience Technology Symposium, Attendee, Miami, FL, USA, United States Of America, 2011

4th Annual NanoScience Technology Symposium, Attendee, Miami, FL, USA, United States Of America, 2011

4th Annual NanoScience Technology Symposium, Attendee, Miami, FL, USA , United States Of America, 2011

62nd Pittsburgh Conference, Attendee, Atlanta, GA, USA , United States Of America, 2011

Scholarships

Yurt Dışı Dil öğrenimi, Yüksek Lisans ve Doktora Eğitimi Bursu, Ministry of Education, 2008 - Continues

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University of Florida, Gainesville, Florida, Amerika

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