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Personal Information

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International Researcher IDs

ORCID: 0000-0002-0018-3957

Publons / Web Of Science ResearcherID: A-5438-2017

ScopusID: 3150580

Yoksis Researcher ID: 117072

Education Information

Doctorate, Gazi University, Fen Bilimleri, Biyoloji, Turkey 2000 - 2002

Postgraduate, Erciyes University, Fen Bilimleri, Biyoloji, Turkey 1998 - 1999

Undergraduate, Erciyes University, Fen Edebiyat , Biyoloji, Turkey 1994 - 1998

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, EĞİTİCİLERİN EĞİTİMİ PROGRAMI, ERCİYES ÜNİVERSİTESİ, 2005

Education Management and Planning, CERTIFICATE OF ATTENDANCE ENGLISH LANGUAGE TEACHING CENTRE, UNIVERSITY OF MANCHESTER, 2004

Dissertations

Doctorate, SULTAN SAZLIĞI VE ÇEVRESİNDEKİ SUCUL EKOSİSTEMLERDE AĞIR METAL KİRLİLİĞİNİN İNCELENMESİ, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji, 2002

Postgraduate, RUMEX SCUTATUS L.TOHUMLARININ ÇİMLENME EKOFİZYOLOJİSİ, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji, 1999

Research Areas

Life Sciences, Plant Biology, Plant Physiology, Biotechnology, Biomaterial, Environmental Biology, Environmental Pollution, Ecology, Natural Sciences

Academic Titles / Tasks

Professor, Erciyes University, Fen Fakültesi, Biyoloji, 2014 - Continues

Associate Professor, Erciyes University, Fen Fakültesi, Biyoloji, 2009 - 2014

Assistant Professor, Erciyes University, Fen Fakültesi, Biyoloji, 2003 - 2009

Research Assistant, Gazi University, Fen Edebiyat Fak, Biyoloji, 2001 - 2002

Research Assistant, Erciyes University, Fen Fakültesi, Biyoloji, 1997 - 2001

Academic and Administrative Experience

Erciyes Üniversitesi, 2017 - Continues

Erciyes Üniversitesi, Fen Fakültesi, Biyoloji, 2013 - Continues

Erciyes University, 2013 - Continues

Erciyes University, 1997 - Continues

Erciyes University, 2016 - 2021

Erciyes Üniversitesi, Fen Fakültesi, Biyoloji, 2004 - 2005

Advising Theses

Demirezen Yılmaz D., Tuz stresinin biyolojik sentez demir nanopartikülleri ile sulu ortamdan ağır metal giderimine etkisi, Postgraduate, T.OĞUZPERDAHÇI(Student), 2019

Demirezen Yılmaz D., Amigdalın etken maddesi ile çiçek şekilli hibrid nano yapıların sentezi, karakterizasyonu ve katalitik özelliklerinin belirlenmesi, Postgraduate, Y.DELİOĞLU(Student), 2019

Demirezen Yılmaz D., Hürmetçi sazlığı (Kayseri) koruma alanının ağır metal kirliliği açısından değerlendirilmesi, Postgraduate, Ş.YILMAZ(Student), 2018

Demirezen Yılmaz D., Niğde ili topraklarının ağır metal içeriğinin araştırılması, Postgraduate, Ö.ALTAY(Student), 2016

Demirezen Yılmaz D., Kayseri çöp depolama sahasından alınan çöp sızıntı sularından bitkisel yolla ağır metal gideriminin tespiti, Postgraduate, S.FAKİOĞLU(Student), 2016

Demirezen Yılmaz D., Su sirkülasyonunun ve su seviyesi değişimlerinin Lemna minor ve Lemna gibba kullanılarak atık suların arıtılmasına etkisi, Postgraduate, H.AKBULUT(Student), 2010

Demirezen Yılmaz D., Lemna gibba ve Groenlandia densa bitkilerinde ağır metal toksisitesine karşı oluşturulan antioksidant enzim aktivitelerinin belirlenmesi, Doctorate, KURUÇ(Student), 2010

Demirezen Yılmaz D., Tuzla gölü (Palas-Kayseri)'nde Salicornia freitagii yaprak ve Yurdakulol kullanılarak ağır metal kirliliğinin tespiti, Postgraduate, Ü.EKİNCİOĞLU(Student), 2008

Demirezen Yılmaz D., Kadmiyum ,nikel ve kurşun ağır metallerinin taşınımının ve Phaseolus vulgaris L. (fasulye) bitkisinde neden oldukları anatomik ve morfolojik değişikliklerin incelenmesi, Postgraduate, T.TOSUN(Student), 2008

Demirezen Yılmaz D., Atık su arıtma tesislerinden elde edilen çamurlar kullanılarak yetiştirilen Triticum aestivum L. ve Beta vulgaris L.'te ağır metal taşınımının incelenmesi, Postgraduate, A.EKŞİ(Student), 2007

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Erciyes Üniversitesi, December, 2021

Doctorate, Doctorate, Erciyes Üniversitesi, August, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, May, 2021

Associate Professor Exam, Associate Professor Exam, Erciyes Üniversitesi, May, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, November, 2020

Associate Professor Exam, Associate Professor Exam, Erciyes Üniversitesi, June, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erciyes Üniversitesi, May, 2020

Post Graduate, Post Graduate, Erciyes Üniversitesi, March, 2020

Post Graduate, Post Graduate, Erciyes Üniversitesi, February, 2020

Associate Professor Exam, Associate Professor Exam, Erciyes University, June, 2019

Associate Professor Exam, Associate Professor Exam, Erciyes University, June, 2019

Associate Professor Exam, Associate Professor Exam, Erciyes University, September, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Yozgat Bozok Üniversitesi, June, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, June, 2017

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, December, 2016

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, June, 2016

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Niğde Ömer Halisdemir Üniversitesi, November, 2015

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, July, 2015

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, July, 2015

Associate Professor Exam, Associate Professor Exam, Mersin University, December, 2014

Associate Professor Exam, Associate Professor Exam, Mersin University, December, 2014

Associate Professor Exam, Associate Professor Exam, mersin university, December, 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Pathogens in Pediatric Septic Arthritis: A Multi-Center Study in Türkiye (PEDSART Study)**
Iseri Nepesov M., KILIÇ Ö., Sali E., Yesil E., Akar A., Kaman A., Metin Akcan O., Kilic Cil M., Ozlu C., Lacinel Gurlevik S., et al.
Children, vol.11, no.1, 2024 (SCI-Expanded)
- II. **Determination of the effect of iron oxide nanoparticle content in magnetic chitosan/calcium alginate hydrogel matrix on the removal of glyphosate from water**
Demirezen D. A., Yılmaz D. D., YILDIZ Y. Ş.
JOURNAL OF NANOPARTICLE RESEARCH, vol.26, no.1, 2024 (SCI-Expanded)
- III. **Magnetic chitosan/calcium alginate double-network hydrogel beads: Preparation, adsorption of anionic and cationic surfactants, and reuse in the removal of methylene blue**
DEMİREZEN YILMAZ D., DEMİREZEN YILMAZ D., YILDIZ Y. Ş.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.239, 2023 (SCI-Expanded)
- IV. **Green Synthesis of Gold Nanoflowers Using Rosmarinus officinalis and Helichrysum italicum Extracts: Comparative Studies of Their Antimicrobial and Antibiofilm Activities**
Ertaş Onmaz N., Yılmaz D. D., Imre K., Morar A., Gungor C., Yılmaz S., Gundog D. A., Dishan A., Herman V., Güngör G.
ANTIBIOTICS-BASEL, vol.11, no.11, 2022 (SCI-Expanded)
- V. **Real-time colorimetric detection of dissolved carbon dioxide using pH-sensitive indicator based on anthocyanin and PVA coated green iron oxide nanoparticles at room temperature**
Aksu Demirezen D., Demirezen Yılmaz D.
INORGANIC AND NANO-METAL CHEMISTRY, vol.52, no.6, pp.761-771, 2022 (SCI-Expanded)
- VI. **Peroxidase-like activity and antimicrobial properties of curcumin-inorganic hybrid nanostructure**
Koca F. D., Yılmaz D. D., Onmaz N. E., Özsoy İ.
Saudi Journal of Biological Sciences, vol.27, no.10, pp.2574-2579, 2020 (SCI-Expanded)
- VII. **Green synthesis of allicin based hybrid nanoflowers with evaluation of their catalytic and antimicrobial activities**
Koca F. D., Yılmaz D. D., Onmaz N. E., Yılmaz E., Özsoy İ.

- BIOTECHNOLOGY LETTERS, vol.42, no.9, pp.1683-1690, 2020 (SCI-Expanded)
- VIII. **Effect of heavy metal stress on antioxidant enzymes and DNA damage in *Nasturtium officinale* R.Br. (watercress)**
Ercan F. S., Ercan N., Yilmaz D.
TOXIN REVIEWS, vol.38, no.4, pp.328-337, 2019 (SCI-Expanded)
- IX. **Green synthesis and characterization of iron oxide nanoparticles using *Ficus carica* (common fig) dried fruit extract**
Demirezen D. A., Yildiz Y. S., Yilmaz S., Yilmaz D.
JOURNAL OF BIOSCIENCE AND BIOENGINEERING, vol.127, no.2, pp.241-245, 2019 (SCI-Expanded)
- X. **Comparison of phytotoxic effects of bio-synthesised copper oxide nanoparticle and ionic copper on *Elodea canadensis***
KOCA F. D., Yilmaz D., DUMAN F., ÖÇSOY I.
CHEMISTRY AND ECOLOGY, vol.34, no.9, pp.839-853, 2018 (SCI-Expanded)
- XI. **Determination of Heavy-Metal Concentration with Chlorophyll Contents of Wheat (*Triticum aestivum*) Exposed to Municipal Sewage Sludge Doses**
Yilmaz D., Temizgul A.
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.45, pp.2754-2766, 2014 (SCI-Expanded)
- XII. **Ecophysiological tolerance of *Lemna gibba* L. exposed to cadmium**
Parlak K., Yilmaz D. D.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.91, pp.79-85, 2013 (SCI-Expanded)
- XIII. **Response of antioxidant defences to Zn stress in three duckweed species**
Parlak K. U., Yilmaz D. D.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.85, pp.52-58, 2012 (SCI-Expanded)
- XIV. **Assessment of Arsenic and Selenium Concentration with Chlorophyll Contents of Sugar Beet (*Beta vulgaris* var.saccharifera) and Wheat (*Triticum aestivum*) Exposed to Municipal Sewage Sludge Doses**
Yilmaz D., Temizgul A.
WATER AIR AND SOIL POLLUTION, vol.223, pp.3057-3066, 2012 (SCI-Expanded)
- XV. **Toxicological effects, oxidative stress and bio-accumulation in the tissues of *Phaseolus vulgaris* L. Bean seedlings following cadmium exposure**
DEMİREZEN YILMAZ D., Uruç Parlak K., VURAL C.
Ekológia (Bratislava), vol.31, pp.92-104, 2012 (SCI-Expanded)
- XVI. **Effects of Municipal Sewage Sludge Doses on the Chlorophyll Contents and Heavy Metal Concentration of Sugar Beet (*Beta vulgaris* var. saccharifera)**
Yilmaz D. D., Temizgul A.
BIOREMEDIATION JOURNAL, vol.16, pp.131-140, 2012 (SCI-Expanded)
- XVII. **Antioxidative parameters in the opposite-leaved pondweed (*Groenlandia densa*) in response to nickel stress**
Yilmaz D., Parlak K. U.
CHEMICAL SPECIATION AND BIOAVAILABILITY, vol.23, no.2, pp.71-79, 2011 (SCI-Expanded)
- XVIII. **Changes in proline accumulation and antioxidative enzyme activities in *Groenlandia densa* under cadmium stress**
Yilmaz D., Parlak K. U.
ECOLOGICAL INDICATORS, vol.11, pp.417-423, 2011 (SCI-Expanded)
- XIX. **EFFECT OF CIRCULATION ON WASTEWATER TREATMENT BY LEMNA GIBBA AND LEMNA MINOR (FLOATING AQUATIC MACROPHYTES)**
Yilmaz D., Akbulut H.
INTERNATIONAL JOURNAL OF PHYTOREMEDIATION, vol.13, pp.970-984, 2011 (SCI-Expanded)
- XX. **Nickel-Induced Changes in Lipid Peroxidation, Antioxidative Enzymes, and Metal Accumulation in *Lemna Gibba***
Yilmaz D., Parlak K. U.
INTERNATIONAL JOURNAL OF PHYTOREMEDIATION, vol.13, pp.805-817, 2011 (SCI-Expanded)
- XXI. **MODELLING THE INFLUENCE OF SALINITY AND WATER DEFICIENCY ON GROWTH AND BIOMASS OF GROENLANDIA Densa (POTAMOGETONACEAE)**
Yilmaz D., Parlak K. U.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, no.7, pp.1667-1672, 2011 (SCI-Expanded)
- XXII. **Correlation Between Chlorophyll Degradation and the Amount of Heavy Metals Found in *Pseudevernia furfuracea* in Kayseri (Turkey)**
Yildiz A., Aksoy A., Akbulut G., Demirezen D., Islek C., Altuner E. M., DUMAN F.
EKOLOJİ, vol.20, no.78, pp.82-88, 2011 (SCI-Expanded)
- XXIII. **Biomonitoring of heavy metals by *Pseudevernia furfuracea* (L.) Zopf in Ankara (Turkey)**
Yildiz A., Aksoy A., Tug G. N., Islek C., Demirezen D.
JOURNAL OF ATMOSPHERIC CHEMISTRY, vol.60, no.1, pp.71-81, 2008 (SCI-Expanded)
- XXIV. **Seasonal variability of heavy metals in surface sediment of lake sapanca, turkey**
Duman F., Aksoy A., Demirezen D.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.133, pp.277-283, 2007 (SCI-Expanded)
- XXV. **Effects of salinity on growth and nickel accumulation capacity of *Lemna gibba* (Lemnaceae)**
Yilmaz D. D.
JOURNAL OF HAZARDOUS MATERIALS, vol.147, pp.74-77, 2007 (SCI-Expanded)
- XXVI. **Seasonal Variability of Heavy Metals in Surface Sediment of Sapanca Lake**
DUMAN F., AKSOY A., DEMİREZEN YILMAZ D.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.133, pp.277-283, 2007 (SCI-Expanded)
- XXVII. **“Effect of pollution density on growth, biomass and nickel accumulation capacity of *Lemna gibba* (Lemnaceae).**
DEMİREZEN YILMAZ D., AKSOY A., URUÇ K.
CHEMOSPHERE, no.66, pp.553-557, 2007 (SCI-Expanded)
- XXVIII. **Bioaccumulation and distribution of heavy metals between different compartments of the Kizilirmak River (Turkey)**
Yilmaz D.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.16, no.1, pp.14-18, 2007 (SCI-Expanded)
- XXIX. **Effect of population density on growth, biomass and nickel accumulation capacity of *Lemna gibba* (Lemnaceae)**
Demirezen D., Aksoy A., Uruç K.

- CHEMOSPHERE, vol.66, no.3, pp.553-557, 2007 (SCI-Expanded)
- XXX. **Distribution of selenium and some trace elements at different depths of soil core**
Yilmaz D. D.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.16, pp.1351-1354, 2007 (SCI-Expanded)
- XXXI. **Seasonal changes of metal accumulation and distribution in shining pondweed (*Potamogeton lucens*)**
Duman F., Obalı O., Demirezen D.
CHEMOSPHERE, vol.65, no.11, pp.2145-2151, 2006 (SCI-Expanded)
- XXXII. **"Common hydrophytes as bioindicators of iron and manganese pollutions"**
DEMİREZEN YILMAZ D., AKSOY A.
ECOLOGICAL INDICATOR, no.6, pp.388-393, 2006 (SCI-Expanded)
- XXXIII. **Comparative study of trace elements in certain fish, meat and meat products**
Demirezen D., Uruc K.
MEAT SCIENCE, vol.74, no.2, pp.255-260, 2006 (SCI-Expanded)
- XXXIV. **A. Heavy metal levels in vegetables in Turkey are within safe limits for Cu, Zn, Ni and exceeded for Cd and Pb".**
AKSOY A., DEMİREZEN YILMAZ D.
JOURNAL OF FOOD QUALITY, no.29, pp.252-265, 2006 (SCI-Expanded)
- XXXV. **Heavy metal levels in vegetables in Turkey are within safe limits for Cu, Zn, Ni and exceeded for Cd and Pb**
Demirezen D., Aksoy A.
JOURNAL OF FOOD QUALITY, vol.29, no.3, pp.252-265, 2006 (SCI-Expanded)
- XXXVI. **Common hydrophytes as bioindicators of iron and manganese pollutions**
Demirezen D., Aksoy A.
ECOLOGICAL INDICATORS, vol.6, no.2, pp.388-393, 2006 (SCI-Expanded)
- XXXVII. **Fraxinus excelsior as a biomonitor of heavy metal pollution**
Aksoy A., Demirezen D.
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.15, no.1, pp.27-33, 2006 (SCI-Expanded)
- XXXVIII. **Bioaccumulation, detection and analyses of heavy metal pollution in Sultan Marsh and its environment**
Aksoy A., Demirezen D., Duman F.
WATER AIR AND SOIL POLLUTION, vol.164, pp.241-255, 2005 (SCI-Expanded)
- XXXIX. **Accumulation of heavy metals in *Typha angustifolia* (L.) and *Potamogeton pectinatus* (L.) living in Sultan Marsh (Kayseri, Turkey)**
Demirezen D., Aksoy A.
CHEMOSPHERE, vol.56, no.7, pp.685-696, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Comparison of antimicrobial activity of bio-synthesized silver and zinc oxide nanoparticles using *Lavandula stoechas* leaf extract**
Yilmaz D. D., Fatih D. K., Onmaz N. E.
RESEARCH JOURNAL OF BIOTECHNOLOGY, vol.14, no.5, pp.24-29, 2019 (ESCI)
- II. **Amoxicillin degradation using green synthesized iron oxide nanoparticles: Kinetics and mechanism analysis**
Aksu Demirezen D., Yıldız Y. Ş., Demirezen Yilmaz D.
Environmental Nanotechnology, Monitoring and Management, vol.11, 2019 (Scopus)
- III. **Antibacterial Activity of Biologically Synthesized Silver and Zinc Nanoparticles Using *Allcemilla vulgaris* (Layd's Mantle) Leaf Extract**
Demirezen Yilmaz D., Koca F. D., Ertas Onmaz N.
Asian Journal of Applied Chemistry Research, vol.2, pp.1-11, 2019 (Peer-Reviewed Journal)
- IV. **Comparison of antimicrobial activity of bio-synthesized silver and zinc oxide nanopar-ticles using *Centaurea cyanus* L. (Cornflower) Flower extract**
DEMİREZEN YILMAZ D., KOCA F. D., ERTAŞ ONMAZ N.
Chemistry Research Journal, vol.3, no.5, pp.53-59, 2018 (Peer-Reviewed Journal)
- V. **APPLICATIONS FOR PETROLEUM REMOVAL FROM WATER USING SUNFLOWER STALK LOADED BY BIO-SYNTHESIZED IRON (FeO) NANOPARTICLE**
Yilmaz Ş., DEMİREZEN YILMAZ D., AKSU DEMİREZEN D., KOCA F. D.
International Journal of Advances in Science, Engineering and Technology, vol.6, pp.38-41, 2018 (Peer-Reviewed Journal)
- VI. **Green Synthesized Zinc Oxide Nanoparticle Using European cranberry Bush for Enhanced Antimicrobial and Anticancer Effect in Breast Cancer**
Demirezen Yilmaz D., Sümer Ercan F., Yalçın Azarkan S., Koca F. D.
International Journal of Advances in Science Engineering and Technology, vol.6, no.2, pp.42-46, 2018 (Peer-Reviewed Journal)
- VII. **Green_Synthesized_Zinc_Oxide_Nanoparticle_using_European_Cranberry_Bush_for_Enhanced_Antimicrobial_and_Anticancer_Effect_in_Breast_Cancer**
DEMİREZEN YILMAZ D., ERCAN F., YALÇIN AZARKAN S., KOCA F. D.
International Journal of Advances in Science, Engineering and Technology, vol.6, pp.42-46, 2018 (Peer-Reviewed Journal)
- VIII. **Green Synthesis and Characterization of Iron Nanoparticles using *Aesculus hippocastanum* Seed Extract**
Aksu Demirezen D., DEMİREZEN YILMAZ D., Yilmaz Ş.
International Journal of Advances in Science, Engineering and Technology, vol.6, no.2, pp.25-29, 2018 (Peer-Reviewed Journal)
- IX. **Effect of Cadmium, Lead and Nickel on Imbibition, Water Uptake and Germination for the Seeds of Different Plants**
DEMİREZEN YILMAZ D., URUÇ PARLAK K.
Dumlupınar Üniversitesi Fen Bilimleri Dergisi, vol.17, pp.1-10, 2008 (Peer-Reviewed Journal)
- X. **Farklı pH Değerlerinin *Lemna gibba* ve *Lemna minor*'de Ağır Metal Alınımına ve Klorofil Miktarına Etkisi**
DEMİREZEN YILMAZ D., URUÇ PARLAK K., AKBULUT H.
Biyoloji Bilimleri Araştırma Dergisi, vol.1, no.2, pp.13-15, 2008 (Peer-Reviewed Journal)
- XI. **Physiological Effects of Different Environmental Conditions on The Seed Germination of *Rumex scutatus* L. (Polygonaceae)".**
DEMİREZEN YILMAZ D., AKSOY A.

E.Ü. Fen Bilimleri Enst. Dergisi,, pp.24-29, 2007 (Peer-Reviewed Journal)

- XII. **Determination of heavy metals in bee honey using by inductively coupled plasma optical emission spectrometry (ICP-OES).**
DEMİREZEN YILMAZ D., AKSOY A.
G.U. Journal of Science,, pp.569-573, 2005 (Peer-Reviewed Journal)
- XIII. **Atmosferdeki Ağır Metallerin Tutulmasında Bitki Tüylerinin Rolü ve Ağır Metal Dağılımında Rüzgarın Etkisi",**
AKSOY A., duman f., DEMİREZEN YILMAZ D.
Erciyes Üniv. Fen Bilimleri Dergisi,, pp.31-37, 2000 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Biosynthesis of Ag@GO nanocomposite using the colchicine and evaluation of its antimicrobial properties**
Koca F. D., Öçsoy İ., Demirbaş A., Satıcıoğlu İ. B., Demirezen Yılmaz D., Yılmaz E.
7th International Conference "Nanotechnology and Nanomaterials" NANO-2019, Lviv, Ukraine, 27 - 30 August 2019, pp.691
- II. **Green Synthesis of Ag Nanoparticle Using Hibiscus sabdariffa and Its Antimicrobial Activity**
DEMİREZEN YILMAZ D., ÜLGER İ., KOCA F. D., KALİBER M., ERTAŞ ONMAZ N., YILMAZ E.
uluslararası Ekoloji Sempozyumu 2018, 23 - 29 June 2018, no.1
- III. **Green Synthesis of Ag and Ag@GO Nanocomposite Using Rose Extract and Evaluation of It's Antimicrobial Activities**
KOCA F. D., ÜLGER İ., DEMİREZEN YILMAZ D., ERTAŞ ONMAZ N., KALİBER M., DUMAN F., ÖÇSOY İ.
Uluslararası Ekoloji Sempozyumu, 19 - 23 June 2018, no.1
- IV. **Antimicrobial Activity of Bio-synthesized Zinc Oxide Nanoparticle**
KOCA F. D., ÜLGER İ., DEMİREZEN YILMAZ D., KALİBER M.
9th International Conference on Chemical, Agriculture, Environment and Natural Sciences (CAENS-18), Antalya, Turkey, 3 - 04 May 2018
- V. **Biosynthesis and Characterization of Zinc Nanoparticles Using Lavandula officinalis and Their Antimicrobial Activity**
DEMİREZEN YILMAZ D., KOCA F. D., YILMAZ Ş., AKSU DEMİREZEN D.
1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018, Ankara, Turkey, 26 - 27 April 2018, pp.1
- VI. **Bio-Synthesis and Characterization of Iron Nanoparticles Using Ceratonia siliqua Pericarp Extract**
AKSU DEMİREZEN D., DEMİREZEN YILMAZ D., Yılmaz Ş.
1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018)26-27 April 2018 Ankara/Turkey, 26 - 27 April 2018
- VII. **Biyolojik Sentez Demir, Gümüş ve Çinko Nanopartiküllerinin Lemna minör'de Ekotoksik Etkileri**
Yılmaz Ş., DEMİREZEN YILMAZ D., KOCA F. D., AÇIKGÖZ S.
1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018)26-27 April 2018 Ankara/Turkey, 26 - 27 April 2018
- VIII. **Green Synthesis and Characterization of Iron Nanoparticles Using Ficus carica Fruits Extract**
AKSU DEMİREZEN D., DEMİREZEN YILMAZ D., Yılmaz Ş.
1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018)26-27 April 2018 Ankara/Turkey, 26 - 27 April 2018
- IX. **Comparison of Antimicrobial Activity of Biologically Synthesized Silver and Zinc Nanoparticles Using Alchemilla vulgaris Extract**
DEMİREZEN YILMAZ D., KOCA F. D., Yılmaz Ş.
1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018)26-27 April 2018 Ankara/Turkey, 26 - 27 April 2018
- X. **Biosynthesis and Characterization of Zinc Nanoparticles Using Lavandula officinalis and their Antimicrobial Activity**
DEMİREZEN YILMAZ D., KOCA F. D., Yılmaz Ş., Aksu Demirezen D.
1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018)26-27 April 2018 Ankara/Turkey, 26 - 27 April 2018
- XI. **Typhpha latifolia L. ile Ağır Metal Gideriminde Biyolojik Sentez Demir Nanopartiküllerinin İşleyişine Tuzun Etkisi**
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 TUBITAK Project, 3001 - Initial R&D Projects Support Program, Turkey, June 2016
 Project Supported by Higher Education Institutions, BAP Research Project, Akdeniz University, Turkey, April 2016
 Archives of Agronomy and Soil Science, Other Indexed Journal, March 2016
 INTERNATIONAL JOURNAL OF PHYTOREMEDIATION, SCI Journal, February 2016
 INTERNATIONAL FOOD RESEARCH JOURNAL, SCI Journal, January 2016

Tasks In Event Organizations

Demirezen Yilmaz D., International Congress on Applied Biological Sciences, Scientific Congress, Ankara, Turkey, Nisan 2018
 Öztürk Küp F., DEMİREZEN YILMAZ D., Ecology 2017, Scientific Congress, Kayseri, Turkey, Mayıs 2017
 Demirezen Yilmaz D., International Conference on Plants & Environmental Pollution, Scientific Congress, Kayseri, Turkey, Temmuz 2009

Metrics

Publication: 117
 Citation (WoS): 1179
 Citation (Scopus): 1366
 H-Index (WoS): 17
 H-Index (Scopus): 19

Congress and Symposium Activities

ICMSN 2017, Working Group, Barcelona, Spain, 2018
 ULUSLARARASI EKOLOJİ SEMPOZYUMU, Working Group, Edirne, Turkey, 2018
 9th International Conference on Chemical, Agriculture, Environment and Natural Sciences (CAENS-18), Working Group, Antalya, Turkey, 2018
 ISER-340th International Conference on Nanoscience, Nanotechnology Advanced Materials (IC2NAM), Working Group, Amsterdam, Netherlands, 2018
 ISER-340th International Conference on Nanoscience, Nanotechnology Advanced Materials (IC2NAM), Moderator, Amsterdam, Netherlands, 2018
 1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018) 26-27 April 2018 Ankara/Turkey, Session Moderator, Ankara, Turkey, 2018
 1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018) 26-27 April 2018 Ankara/Turkey, Working Group, Ankara, Turkey, 2018
 1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018) 26-27 April 2018 Ankara/Turkey, Moderator, Ankara, Turkey, 2018
 ECOLOGY 2017, Working Group, Kayseri, Turkey, 2017
 UKECEK 2017, Working Group, Kars, Turkey, 2017
 Ecology 2017, Session Moderator, Kayseri, Turkey, 2017
 2 nd International congress on applied and biological Sciences, Working Group, Sarajevo, Bosnia And Herzegovina, 2016
 The International Conference on Environmental Science and Technology, Working Group, Nevşehir, Turkey, 2013
 Joint meeting of society of wetland scientists, WETPOL and Wetland Biogeochemistry symposium, Working Group, Praha, Czech Republic, 2011
 Tübitak, Panelists, Ankara, Turkey, 2011
 VIII. Ulusal Ekoloji ve Çevre Kongresi, Working Group, Girne, Cyprus (Kktc), 2010
 ECOLOGY 2010, Working Group, Aksaray, Turkey, 2010
 International Conference on Plants & Environmental Pollution, Working Group, Kayseri, Turkey, 2009
 Kayseri I. Atıksu Sempozyumu, Working Group, Kayseri, Turkey, 2009
 19. Ulusal Biyoloji Kongresi, Working Group, Trabzon, Turkey, 2008
 10 Th International Specialized Conference on Diffuse Pollution and Sustainable Basin Management, Working Group, İstanbul, Turkey, 2006
 Ulusal Biyoloji Kongresi, Working Group, Aydın, Turkey, 2006
 International Symposium on Wetland Pollutant Dynamics and Control (WETPOL), Working Group, Ghent, Belgium, 2005

XVII. Ulusal Biyoloji Kongresi,, Working Group, Adana, Turkey, 2004
I. Ulusal Erciyes Sempozyumu, Working Group, Kayseri, Turkey, 2003

Invited Talks

Ministry of Military, Seminar, Milli Savunma Bakanlıđı, Turkey, November 2020

Awards

DEMİREZEN YILMAZ D., Best Paper Award, ISER, April 2018

Entrepreneurship Activities

Limited, NANOBIOTECH AR-GE INOVASYON SAĐLIK ÜRÜNLERİ SN.TİC.LTD.ŞTİ, 04 May 2017, Co-Founder