

# AYŞENUR GÜRGEN

## RES. ASST. PHD

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### Biography

15.10.1990 yılında Adıyaman'da doğdu. İlk, orta ve lise öğrenimini Adıyaman'da tamamladı. 2008 yılında Karadeniz Teknik Üniversitesi, Orman Fakültesi, Orman Endüstri Mühendisliği Bölümü'ne kayıt yaptırdı. 2012 yılında lisans eğitimini tamamladı ve Orman Endüstri Mühendisi unvanı ile mezun oldu. 2012 yılında KTÜ, Fen Bilimleri Enstitüsü, Orman Endüstri Mühendisliği Anabilim Dalı, Orman Biyolojisi ve Odun Koruma Bilim Dalında yüksek lisans eğitimine başladı. İyi derecede İngilizce bilmektedir. 'Modaya Tasarruflu Uyum Sağla' adlı çalışma ile 22-23.12.2014 tarihinde Mersin'de gerçekleştirilmiş olan 2. Mobilya Ar-Ge proje pazarında ilk 30'a girerek finalist oldu ve özel sunum yapmaya hak kazandı. Çalışma alanları: mobilya sanayi başta olmak üzere diğer sanayilerde kullanılan ahşap malzemelerin korunması, yapay sinir ağlarıyla modelleme ve metasezgisel algoritmalarla optimizasyon olarak sıralanabilir. Doktora tez çalışması kapsamında, yapay zeka teknikleri kullanılarak multi-fonksiyonel bazı bileşiklerin odun korumada sinerjik etkisinin belirlenmesi, modellenmesi ve optimizasyonu çalışılmaktadır. Ayrıca tez çalışmasının bir bölümü TÜBİTAK 2214-A Doktora Sırası Araştırma Bursu ile desteklenmiştir ve İtalya'nın Floransa şehrindeki bir araştırma enstitüsünde deneyler tamamlanmıştır.

### Learning Knowledge

Associate Degree 2020 - Continues	Anadolu University, Faculty Of Open University, Cookery, Turkey
Doctorate 2015 - Continues	Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey
Under Graduate 2016 - 2020	Anadolu University, Faculty Of Business Administration, Uluslararası Ticaret Ve Lojistik, Turkey
Doctorate 2019 - 2019	Cnr - Ivalsa, Trees And Timber Institute, Italy
Post Graduate 2012 - 2015	Karadeniz Technical University, Fen Bilimleri Enstitüsü, Orman Endüstri Mühendisliği Anabilim Dalı, Turkey
Under Graduate 2008 - 2012	Karadeniz Technical University, Orman Fakültesi, Orman Endüstrisi Mühendisliği, Turkey

## Foreign Languages

English, C1 Advanced

## Certificates, Courses and Trainings

Occupational Health and Safety, TEMEL İŞ SAĞLIĞI VE GÜVENLİĞİ, KARADENİZ TEKNİK ÜNİVERSİTESİ, 2017

Other, AHŞAP YAKMA SANATI KURSU, Gençlik ve Spor Bakanlığı, 2016

Other, KAYIN MANTARI YETİŞTİRİCİLİĞİ, DOKA DESTEKLİ PROJE, 2014

Other, YARATICI DRAMA KURSU, KREDİ YURTLAR KURUMU, 2014

Other, HAT KURSU, KREDİ YURTLAR KURUMU, 2014

IT, FİLM KURGU PROGRAMLAMA, YEŞİL DÜŞÜNCE DERNEĞİ, 2013

Other, AHŞAP OYUNCAK KURSU, TRABZON, 2012

Education Management and Planning, 3DMAX, SOMEL KURS, 2012

Education Management and Planning, AUTOCAD, SOMEL KURS, 2012

Education Management and Planning, TAEKWANDO, TRABZON, 2012

Other, EBRU SANATI KURSU, ADIYAMAN, 2000

## Dissertations

Post Graduate, Bazı doğa ve kültür mantarı türlerinin biyoaktif özelliklerinin ve radyoaktif element miktarlarının belirlenmesi, Karadeniz Technical University, Orman Endüstrisi Mühendisliği, Orman Biyolojisi Ve Odun Koruma Ana Bilim Dalı, 2015

## Academic Titles / Tasks

Research Assistant  
2015 - Continues

Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği

## Supported Projects

1. YILDIZ Ü. C. , YILDIZ S., GÜRGEN A., Project Supported by Higher Education Institutions, Emprenye Maddesi Konsantrasyonu ve Emprenye Yöntemi Koşullarının Odunun Bazı Fiziksel/Mekaniksel Özelliklerine Etkisinin Belirlenmesi ve Bu Etkinin Modellenmesi, 2019 - 2021
2. YILDIZ S., ÇEVİK U., YILMAZ A., DOĞAN H. H. , ÇELİK A., Project Supported by Higher Education Institutions, TRABZONDA SAPROFİT VEVEYA PARAZİT OLARAK GELİŞEN BAZI MAKROMANTARLARDA RADYOAKTİVİTE RİSK ANALİZİ VE EFEKTİF DOZ DEĞERLERİNİN ARAŞTIRILMASI, 2017 - 2019
3. GÜRGEN A., YILDIZ S., Project Supported by Other Official Institutions, Bazı Pleurotus spp. Türlerinin Farklı Ortamlarda Üretilmesi, Kimyasal ve Duyusal Analizi, 2017 - 2018
4. YILDIZ S., CAN Z., YILMAZ A., KILIÇ A. O. , KILIÇ C., TABBOUCHE S., Project Supported by Higher Education Institutions, DOĞAL BAZI BİTKİ EKSTRAKTLARININ BİYOAKTİF ÖZELLİKLERİ VE ODUN KORUMA MADDESİ OLARAK DEĞERLENDİRİLMELERİ, 2017 - 2017
5. YILDIZ S., YILMAZ A., KILIÇ A. O. , SÖKMEN M., TABBOUCHE S., Project Supported by Higher Education Institutions, Trabzonda Doğal Olarak Yetişen Makrofungusların Biyoaktif Madde Yönünden Araştırılması, 2015 - 2016
6. GÜRGEN A., EU Supported Other Project, WE ARE THE WORLD FOR NEXT GENERATION, 2012 - 2012

## Awards

1. GÜRGEN A., Çayır Mantarı Ekstraktının Ahşap Koruyucu Olarak Değerlendirilmesi, Tokat Ar-Ge Proje Pazarı, October 2018
2. GÜRGEN A., Şifalı otlarla odun koruma, Tokat Ar-Ge Proje Pazarı, October 2018
3. GÜRGEN A., ARABA SİMÜLASYONLU AKILLI BEŞİK, 3. Mobilya Ar-Ge Proje Pazarı, November 2015
4. GÜRGEN A., Antibakteriyel ve Antioksidan Aktiviteye Sahip Bazı Mantarların Farklı Endüstrilerde Değerlendirilme Olanakları, 3. Gıda Ar-Ge Proje Pazarı, May 2015
5. GÜRGEN A., II. Mobilya Ar-Ge Proje pazarında finalistlik ödülü,, Türkiye İhracatçılar Meclisi (TİM) Akdeniz İhracatçı Birlikleri, December 2014
6. GÜRGEN A., Modaya Tasarruflu Uyum Sağla, 2. Mobilya Ar-Ge Proje Pazarı, December 2014

## Scholarships

2214-A Doktora Sırası Araştırma Bursu, TUBITAK, 2019 - Continues

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

1. **POSSIBILITY OF USING LICHEN AND MISTLETOE EXTRACTS AS POTENTIAL NATURAL WOOD PRESERVATIVE**  
Yıldız Ü. C. , Kilic C., Gürgen A., Yıldız S.  
MADERAS-CIENCIA Y TECNOLOGIA, vol.22, pp.179-188, 2020 (Journal Indexed in SCI)
2. **Artificial neural network approach for protection of the color of dried golden and pink oyster mushrooms with pretreatments**  
GÜRGEN A., YILDIZ S.  
COLOR RESEARCH AND APPLICATION, vol.44, no.6, pp.1006-1016, 2019 (Journal Indexed in SCI)
3. **Prediction of the colorimetric parameters and mass loss of heat-treated bamboo: Comparison of multiple linear regression and artificial neural network method**  
Gürgen A., Topaloglu E., Ustaömer D., Yıldız S., Ay N.  
COLOR RESEARCH AND APPLICATION, vol.44, no.5, pp.824-833, 2019 (Journal Indexed in SCI)
4. **Application of Artificial Neural Network to Predict the Effect of Paraffin Addition on Water Absorption and Thickness Swelling of MDF**  
GÜRGEN A., USTAÖMER D., YILDIZ S.  
DRVNA INDUSTRIJA, vol.70, no.3, pp.247-255, 2019 (Journal Indexed in SCI)
5. **DECAY RESISTANCE OF SCOTCH PINE WOOD IMPREGNATED AGARICUS CAMPESTRIS BIO-PROTECTIVE EXTRACT**  
YILDIZ S., YILDIZ Ü. C. , GÜRGEN A.  
MADERAS-CIENCIA Y TECNOLOGIA, no.21, pp.405-412, 2019 (Journal Indexed in SCI Expanded)
6. **MODELING THE WATER ABSORPTION RATE OF WOOD IMPREGNATED WITH SILICONE-BASED CHEMICALS USING AN ARTIFICIAL NEURAL NETWORK**  
GÜRGEN A., Kilic C., YILDIZ Ü. C. , YILDIZ S.  
DREWNO, vol.62, no.204, pp.55-69, 2019 (Journal Indexed in SCI)
7. **SOME BIOACTIVE PROPERTIES OF ACACIA DEALBATA EXTRACTS AND THEIR POTENTIAL UTILIZATION IN WOOD PROTECTION**  
YILDIZ S., GÜRGEN A., CAN Z., Tabbouche S. A. , KILIÇ A. O.  
DREWNO, vol.61, no.202, pp.81-97, 2018 (Journal Indexed in SCI)
8. **ANTIOXIDANT, ANTIMICROBIAL AND ANTI-QUORUM SENSING ACTIVITIES OF SOME WILD AND CULTIVATED MUSHROOM SPECIES COLLECTED FROM TRABZON, TURKEY**  
GÜRGEN A., YILDIZ S., CAN Z., Tabbouche S., KILIÇ A. O.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.6, pp.4120-4131, 2018 (Journal Indexed in SCI)

## Articles Published in Other Journals

1. **Evaluation of essential properties of impregnating agents for preserving wood by AHP method in fuzzy environment**  
Gürgen A., Yıldız S., Yıldız Ü. C. , Palantı S.  
TURKISH JOURNAL OF FORESTRY, vol.21, no.1, pp.70-76, 2020 (International Refereed University Journal)
2. **Determination of Antioxidant and Oxidant Potentials of Pleurotus citrinopileatus Mushroom Cultivated on Various Substrates**  
Gürgen A., Sevindik M., Yıldız S., Akgül H.  
KSU TARIM VE DOGA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.23, pp.586-591, 2020 (Journal Indexed in ESCI)
3. **Antioxidant, Antimicrobial and Anti-Quorum Sensing Activities of Usnea filipendula and Viscum album**  
YILDIZ S., GÜRGEN A., KILIÇ C., SANA T., KILIÇ A. O. , CAN Z.  
Journal of Anatolian Environmental and Animal Sciences, 2019 (Refereed Journals of Other Institutions)
4. **Antioxidant, Antimicrobial and Anti-Quorum Sensing Activities of Usnea filipendula and Viscum album**  
YILDIZ S., GÜRGEN A., KILIÇ C., TABBOUCHE S., KILIÇ A. O. , CAN Z.  
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.4, no.4, pp.613-620, 2019 (International Refereed University Journal)
5. **ACCUMULATION OF METALS IN SOME WILD AND CULTIVATED MUSHROOM SPECIES**  
YILDIZ S., GÜRGEN A., ÇEVİK U.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGISI, vol.37, no.4, pp.1371-1380, 2019 (Journal Indexed in ESCI)
6. **Comparison of Quorum Sensing Inhibition and Antimicrobial Properties of Some Commercial and Wild Mushrooms Extracted with Supercritical CO<sub>2</sub>**  
YILDIZ S., GÜRGEN A., TABBOUCHE S., SERDAR G., SÖKMEN M., KILIÇ A. O.  
Celal Bayar University Journal of Science, vol.15, no.2, pp.193-198, 2019 (International Refereed University Journal)
7. **Comparison of Quorum Sensing Inhibition and Antimicrobial Properties of Some Commercial and Wild Mushrooms Extracted with Supercritical CO<sub>2</sub>**  
YILDIZ S., GÜRGEN A., TABBOUCHE S., SERDAR G., SÖKMEN M., KILIÇ A. O.  
Celal Bayar University Journal of Science, vol.15, no.2, pp.193-198, 2019 (Refereed Journals of Other Institutions)
8. **Odunun Emprenye Edilebilirliğini Etkileyen Faktörlerin Bulanık Analitik Hiyerarşi Prosesi ile Değerlendirilmesi**  
GÜRGEN A., YILDIZ S., YILDIZ Ü. C.  
BARTIN ORMAN FAKÜLTESİ DERGİSİ, vol.21, no.2, pp.1-11, 2019 (International Refereed University Journal)
9. **Radionuclide Activity Concentrations of Agaricus bisporus and Pleurotus ostreatus Mushrooms Cultivated in Different Commercial Companies**  
GÜRGEN A., YILDIZ S., ÇEVİK U., ÇELİK A.  
Journal of International Environmental Application and Science, vol.19, no.2, pp.13-20, 2019 (Refereed Journals of Other Institutions)
10. **Bazı Yabani ve Kültür Mantarı Turşularının Duyusal Analizleri**  
Gürgen A., DEĞİRMENCİ A., YILDIZ S.  
IĞDIR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.9, no.1, pp.302-309, 2019 (International Refereed University Journal)
11. **Assessment of Metal Contents in Hydnum rufescens, Macrolepiota procera Mushrooms Collected from Turkey**  
GÜRGEN A., YILDIZ S., ÇEVİK U., YILDIZ Ü. C.  
Kastamonu University Journal of Engineering and Science, vol.4, no.2, pp.15-21, 2018 (International Refereed University Journal)

12. **Evaluation of Olive and Date-plum Tree Heartwoods' Essentials Oils' in Cologne Production and Determination of Consumer Attitudes**  
GÜRGEN A., YILMAZ B., USTAÖMER D., TOPALOĞLU E., YILDIZ S., DENİZ İ.  
Turkish Journal of Life Sciences, vol.3, no.2, pp.267-271, 2018 (Refereed Journals of Other Institutions)
13. **Determination of mushroom consumption preferences by using fuzzy analytic hierarchy process**  
GÜRGEN A., YILDIZ S., YILDIZ Ü. C.  
EURASIAN JOURNAL OF FOREST SCIENCE, vol.6, no.3, pp.25-34, 2018 (Refereed Journals of Other Institutions)
14. **Protein Contents and Antioxidant Properties of Pleurotus ostreatus cultivated on tea and espresso wastes**  
GÜRGEN A., YILDIZ S., KILIÇ C., CAN Z.  
International Journal of Secondary Metabolite, vol.4, no.3, pp.177-186, 2017 (Refereed Journals of Other Institutions)
15. **Antioxidant Properties of Some Herbal Teas (Green tea, Senna, Corn Silk, Rosemary) Brewed at Different Temperatures**  
KILIÇ C., CAN Z., GÜRGEN A., YILDIZ S., TURNA H.  
International Journal of Secondary Metabolite, no.4, pp.142-148, 2017 (Refereed Journals of Other Institutions)
16. **Antimicrobial and Anti-Quorum Sensing Activity of Some Wild Mushrooms Collected from Turkey**  
TABBOUCHE S., GÜRGEN A., YILDIZ S., KILIÇ A. O. , SÖKMEN M.  
MSU Journal of Science, no.5, pp.453-457, 2017 (International Refereed University Journal)
17. **In vitro bioactive properties of some wild mushrooms collected from Kastamonu province**  
YILDIZ S., GÜRGEN A., CAN Z.  
Kastamonu Univ., Journal of Forestry Faculty, no.17, pp.523-530, 2017 (Journal Indexed in ESCI)
18. **Utilization of Pasteurization Liquid Obtained from Chestnut (Castanea sativa) Sawdust as Wood Preservative**  
YILDIZ S., GÜRGEN A., KILIÇ C.  
Mugla Journal of Science and Technology, vol.3, no.1, pp.16-19, 2017 (Refereed Journals of Other Institutions)
19. **Utilization of Pasteurisation Liquid Obtained from Chestnut (Castanea sativa) Sawdust as Wood Preservative**  
YILDIZ S., GÜRGEN A., KILIÇ C.  
Mugla Journal of Science and Technology, no.3, pp.16-19, 2017 (International Refereed University Journal)
20. **Total Phenolic, Flavonoid, Tannin Contents and Antioxidant Properties of Pleurotus ostreatus and Pleurotus citrinopileatus cultivated on various sawdust**  
YILDIZ S., YILMAZ A., CAN Z., KILIÇ C., YILDIZ Ü. C.  
The Journal of Food, vol.42, no.3, pp.315-323, 2017 (Refereed Journals of Other Institutions)
21. **Total Phenolics, Flavonoids, Tannin Contents and Antioxidant Properties of Pleurotus ostreatus Cultivated on Different Wastes and Sawdust**  
YILMAZ A., YILDIZ S., KILIÇ C., CAN Z.  
International Journal of Secondary Metabolite, vol.4, pp.1-9, 2017 (Refereed Journals of Other Institutions)
22. **Trabzon'da Mantar Tüketim ve Tüketim Alışkanlıklarının Belirlenmesi**  
YILMAZ A., YILDIZ S., YILDIRIM İ., AYDIN A.  
MANTAR DERGİSİ, vol.7, no.2, pp.135-142, 2016 (National Refreed University Journal)
23. **Trabzon da Mantar Tüketimi ve Mantar Tüketim Alışkanlıklarının Belirlenmesi**  
YILMAZ A., YILDIZ S., YILDIRIM İ., AYDIN A.  
Mantar Dergisi, vol.7, no.2, pp.135-142, 2016 (Refereed Journals of Other Institutions)
24. **Determination of Heavy Metal and Radioactivity in Agaricus campestris Mushroom Collected from Kahramanmaraş and Erzurum Provinces**  
YILMAZ A., YILDIZ S., ÇELİK A., ÇEVİK U.  
Turkish Journal of Agriculture - Food Science and Technology, vol.4, no.3, pp.208-215, 2016 (Refereed Journals of Other Institutions)
25. **Total Phenolic Content Antioxidant and Antimicrobial Properties of Pleurotus ostreatus Grown on Lime Tilia Tomentosa Leaves**

YILMAZ A., YILDIZ S., Tabbouche S., KILIÇ A. O. , CAN Z.

Hacettepe Journal of Biology and Chemistry, vol.2, no.44, pp.119, 2016 (Refereed Journals of Other Institutions)

26. **Total Phenolic Content, Antioxidant and Antimicrobial Properties of Pleurotus ostreatus Grown on Lime (Tilia Tomentosa) Leaves**

YILMAZ A., YILDIZ S., TABBOUCHE S., KILIÇ A. O. , CAN Z.

HACETTEPE JOURNAL OF BIOLOGY AND CHEMISTRY, no.44, pp.119-124, 2016 (International Refereed University Journal)

## Refereed Congress / Symposium Publications in Proceedings

- 1. Antioxidant and Antimicrobial Activities of Pleurotus djamor Cultivated in Various Composts**  
YILDIZ S., GÜRGEN A., SEVİNDİK M.  
2. International GAP Conference On Mathematics- Engineering- Science and Medical Studies, Adiyaman, Turkey, 21 - 23 June 2019, pp.279-286
- 2. Modeling Water Intake Properties of Heat-Treated Beech and Spruce Wood Treated at Different Temperatures Using by Artificial Neural Networks**  
GÜRGEN A., YILDIZ S.  
2. International GAP Conference On Mathematics- Engineering- Science and Medical Studies, Adiyaman, Turkey, 21 - 23 June 2019, pp.111-118
- 3. Antioxidant, Antimicrobial and Anti-Quorum Sensing Activities of Usnea Filipendula and Viscum Album**  
YILDIZ S., GÜRGEN A., KILIÇ C., TABBOUCHE S., KILIÇ A. O. , CAN Z.  
International Forest Products Congress - ORENKO 2018, Trabzon, Turkey, 26 - 29 September 2018, pp.19
- 4. Usage Possibilities of Flaxseed (Linum usitatissimum) As Growth Medium for Coniophora puteana Fungi**  
YILDIZ Ü. C. , GÜRGEN A., YILDIZ S.  
International Forest Products Congress - ORENKO 2018, Trabzon, Turkey, 26 - 29 September 2018, pp.118
- 5. Antioxidant, Antimicrobial and Anti-Quorum Sensing Activities of Usnea filipendula and Viscum album**  
YILDIZ S., GÜRGEN A., KILIÇ C., SANA T., KILIÇ A. O. , CAN Z.  
THE INTERNATIONAL FOREST PRODUCTS CONGRESS, 26 - 29 September 2018
- 6. Usage Possibilities of Flaxseed (Linum usitatissimum) As Growth Medium for Coniophora puteana Fungi”, International Forest Products Congress**  
YILDIZ Ü. C. , GÜRGEN A., YILDIZ S.  
International Forest Products Congress - ORENKO 2018, 26 - 29 September 2018, pp.118
- 7. Assessment of Metal Contents in Hydum rufescens, Macrolepiota procera Mushrooms Collected from Turkey**  
GÜRGEN A., YILDIZ S., ÇEVİK U., YILDIZ Ü. C.  
1. INTERNATIONAL TECHNOLOGICAL SCIENCES AND DESIGN SYMPOSIUM, Giresun, Turkey, 27 - 29 June 2018, pp.1887-1895
- 8. Comparison of Quorum Sensing Inhibition and Antimicrobial Properties of Some Commercial and Wild Mushrooms Extracted with Supercritical CO<sub>2</sub>**  
YILDIZ S., GÜRGEN A., TABBOUCHE S., SERDAR G., Sökmen M., KILIÇ A. O.  
1. INTERNATIONAL TECHNOLOGICAL SCIENCES AND DESIGN SYMPOSIUM, Giresun, Turkey, 27 - 29 June 2018, pp.610
- 9. Trabzon'dan Toplanan Bazı Mantarların Anti-Mikrobiyal Özellikleri ve Mikroorganizmalar Arası Çoğunluğu Algılama (Quorum Sensing) Mekanizmasını Engelleme Kapasitelerinin Belirlenmesi**  
YILDIZ S., GÜRGEN A., TABBOUCHE S., KILIÇ A. O. , SÖKMEN M.  
IV. ULUSAL ORMANCILIK KONGRESİ, Turkey, 15 - 17 November 2017, pp.85-94
- 10. Determination of Radioactivity Levels In Some Wild Mushrooms Collected From Black Sea Region**

GÜRGEN A., YILDIZ S., Çelik A., ÇEVİK U.

International Multidisciplinary Congress of Eurasian, Roma, Italy, 23 - 25 August 2017, pp.45-51

11. **Antimicrobial and Anti-Quorum Sensing Activity of Some Wild Mushrooms Collected from Turkey**  
TABBOUCHE S., GÜRGEN A., YILDIZ S., KILIÇ A. O. , SÖKMEN M.  
International Multidisciplinary Congress of Eurasian, Roma, Italy, 22 - 24 August 2017, pp.1
12. **Determination of radioactivity levels in some wild edible mushrooms collected from Black Sea region**  
GÜRGEN A., YILDIZ S., Çelik A., ÇEVİK U.  
International Multidisciplinary Congress of Eurasian, Roma, Italy, 22 - 24 August 2017, pp.1
13. **Potential utilization of Acacia dealbata extract as bio-productive agent**  
KILIÇ C., GÜRGEN A., YILDIZ S., YILDIZ Ü. C.  
IUFRO INAFOR Joint International Conference 2017, Yogyakarta, Indonesia, 24 - 27 July 2017, pp.133
14. **Decay Resistance of Scotch pine Wood Impregnated with Agaricus campestris Bio-Protective Extract**  
YILDIZ S., YILDIZ Ü. C. , GÜRGEN A.  
48th IRG Annual Meeting, Ghent, Belgium, 4 - 08 June 2017, pp.1-11
15. **Possibility of using lichen (Usnea filipendula) and mistletoe (Viscum album L.) extracts as potential natural wood preservative**  
YILDIZ Ü. C. , GÜRGEN A., YILDIZ S., KILIÇ C.  
48. IRG (International Research Group on Wood Protection) Annual Meeting, Ghent, Belgium, 4 - 08 June 2017, pp.1-7
16. **Antioxidant Properties of Some Non-Wood Forest Products at Different Temperatures**  
KILIÇ C., CAN Z., YILMAZ A., YILDIZ S., TURNA H.  
1st International Congress on Medical and Aromatic Plants, Konya, Turkey, 10 - 13 May 2017, pp.1
17. **Protein Contents and Antioxidant Properties of Pleurotus ostreatus cultivated on tea and espresso wastes**  
YILMAZ A., YILDIZ S., KILIÇ C., CAN Z.  
1st International Congress on Medical and Aromatic Plants, Konya, Turkey, 10 - 12 May 2017, pp.329
18. **Some Bioactive Properties of Five Wild mushroom Species Collected from Trabzon**  
YILMAZ A., YILDIZ S., KILIÇ C., CAN Z., SESLİ E.  
The International Symposium on Biodiversity and Edible Wild Species (BEWS2017), Antalya, Turkey, 3 - 05 April 2017, pp.107
19. **In Vitro Bioactive Properties of Some Wild Mushrooms Collected from Kastamonu Province**  
**International Forestry Symposium**  
YILDIZ S., YILMAZ A., CAN Z.  
International Forestry Symposium, 7 - 10 December 2016
20. **In Vitro Bioactive Properties of Some Wild Mushrooms Collected from Kastamonu Province**  
YILDIZ S., YILMAZ A., CAN Z.  
International Forestry Symposium (IFS 2016), Kastamonu, Turkey, 7 - 10 December 2016, pp.44
21. **Total phenolic flavonoid tannin contents and antioxidant properties of Pleurotus ostreatus and Pleurotus citrinopileatus cultivated on various sawdusts**  
YILDIZ S., YILMAZ A., CAN Z., KILIÇ C., YILDIZ Ü. C.  
Process Technologies for the Forest and Biobased Products Industries, 25 - 26 October 2016
22. **Total Phenolic, Flavonoid, Tannin Contents and Antioxidant Properties of Pleurotus ostreatus and Pleurotus citrinopileatus cultivated on Various Sawdust**  
YILDIZ S., YILMAZ A., CAN Z., KILIÇ C., YILDIZ Ü. C.  
h International Conference on Processing Technologies for the Forest and Biobased Industries, Georgia, United States Of America, 25 - 26 October 2016, pp.1
23. **Utilization of Pasteurisation Liquid Obtained from Chestnut (Castanea sativa) Sawdust as Wood Preservative**  
YILDIZ S., YILMAZ A., KILIÇ C.  
II. International Furniture Congress, Muğla, Turkey, 13 - 15 October 2016, pp.493-496

24. **Utilization of Pasteurization Liquid Obtained from Chestnut *Castanea sativa* Sawdust as Wood Preservative**  
YILDIZ S., YILMAZ A., KILIÇ C.  
II. INTERNATIONAL FURNITURE CONGRESS, Turkey, 13 - 15 October 2016
25. **Total Phenolic, Flavonoids, Tannin Contents and Antioxidant Properties of *Pleurotus ostreatus* Cultivated on Different Wastes and Sawdust**  
YILMAZ A., YILDIZ S., CAN Z., KILIÇ C.  
Symposium on EuroAsian Biodiversity, Antalya, Turkey, 23 - 27 May 2016, pp.185
26. **FUNGICIDAL EFFECT OF TOBACCO STALKS *Nicotiana tabacum* L AGAINST BROWN ROT FUNGI *Coniophora puetana***  
YILDIZ Ü. C. , YILDIZ S., YILMAZ A., DURMAZ S.  
IRG/WP ANNUAL MEETING, 15 - 19 May 2016
27. **Fungicidal Effect of Tobacco Stalks *Nicotiana tabacum* L Against Brown Rot Fungi**  
YILDIZ Ü. C. , YILDIZ S., YILMAZ A., DURMAZ S.  
47th IRG Annual Meeting, 15 - 19 May 2016
28. **Fungicidal Effect of Tobacco Stalks (*Nicotiana tabacum* L.) Against Brown Rot Fungi “*Coniophora puteana*”**  
YILDIZ Ü. C. , YILDIZ S., YILMAZ A., DURMAZ S.  
47th IRG Annual Meeting, Lizbon, Portugal, 15 - 19 May 2016, pp.1-8
29. **Kahramanmaraş ve Erzurum'dan toplanan *Agaricus campestris* mantarlarının radyoaktivite tayini ve ağır metal miktarlarının belirlenmesi**  
YILMAZ A., YILDIZ S., Çelik A., ÇEVİK U.  
X. Yemeklik Mantar Kongresi, Adana, Turkey, 20 - 23 October 2015, pp.13
30. **Kahramanmaraş ve Erzurum'xdan toplanan *Agaricus campestris* mantarlarının radyoaktivite tayini ve ağır metal miktarlarının belirlenmesi**  
YILMAZ A., YILDIZ S., ÇELİK A., ÇEVİK U.  
X. Yemeklik Mantar Kongresi, Turkey, 20 - 23 October 2015
31. **Investigation of Re-Use Possibilities of Over-Utilized Wooden Window Frames**  
YILDIZ S., YILDIZ Ü. C. , YILMAZ A.  
XXVIIth International Conference Research for Furniture Industry, Ankara, Turkey, 17 - 18 September 2015, pp.1
32. **Ihlamur (*Tilia tomentosa*) Yapraklarında Yetiştirilen *Pleurotus ostreatus* Mantarının Toplam Polifenol, Antioksidan ve Antimikrobiyal Özelliklerinin Belirlenme**  
YILMAZ A., YILDIZ S., TABBOUCHE S., KILIÇ A. O. , CAN Z.  
Ekoloji 2015 VI Ulusal Ekoloji Sempozyumu, Sinop, Turkey, 6 - 09 May 2015, pp.142
33. **Ihlamur (*Tilia tomentosa*) Yapraklarında Yetiştirilen *Pleurotusostreatus* Mantarının Toplam Polifenol Antioksidan ve Antimikrobiyal Özelliklerinin Belirlenmesi**  
YILMAZ A., YILDIZ S., SANA T., KILIÇ A. O. , CAN Z.  
VI Ulusal Ekoloji Sempozyumu, Turkey, 6 - 09 May 2015, pp.142
34. **Kahramanmaraş ve Erzurum'xdan toplanan *Agaricus campestris*Mantarının Toplam Polifenol Antioksidan ve Antimikrobiyal Özelliklerinin Belirlenmesi**  
YILDIZ S., YILMAZ A., SANA T., KILIÇ A. O. , KOLAYLI S.  
VI Ulusal EkolojiSempozyumu, Turkey, 6 - 09 May 2015, pp.142
35. **Doğal Olarak Yetişen ve Yenebilen Bazı Mantar Türlerinde Radyoaktif Kirliliğinin İncelenmesi**  
YILMAZ A., OKAN O. T. , YILDIZ S., DENİZ İ.  
Ulusal Mikoloji günleri, Erzurum, Turkey, 1 - 04 September 2014, pp.17
36. **Wild Edible Mushrooms Having an Important Potential in East Black Sea Region**  
OKAN O. T. , DENİZ İ., YILDIZ S., YILMAZ A., BARUTÇİYAN J.  
Uluslararası Kafkas Ormançılık Sempozyumu, Kahramanmaraş, Turkey, 24 - 26 October 2013, pp.673-680



## Other Publications

1. **MANTAR EKSTRAKTI İLE BAKTERİLERİN ÇEVREYİ ALGILAMA (QUORUM SENSİNG) AKTİVİTELERİNİ DURDURMA**  
GÜRGEN A., TABBOUCHE S.  
Other, pp.44, 2017
2. **Mantarlarda Olası Radroaktivite Birikimi ve Etkileri**  
YILMAZ A., YILDIZ S.  
Other, pp.12-15, 2015
3. **Farklı Yönleriyle Makrofunguslar**  
YILMAZ A.  
Other, pp.3-7, 2015

## Memberships / Tasks in Scientific Organizations

Orman Mühendisleri Odası, Member, 2012 - Continues

## Scientific Refereeing

DRVNA INDUSTRIJA, Journal Indexed in SCI-E, July 2020  
wood Material Science & engineering, Journal Indexed in ESCI, July 2020  
Middle East Journal of Science, Other Indexed Journal, May 2020  
Computers and Electronics in Agriculture, SCI Journal, April 2020  
Postharvest Biology and Technology, SCI Journal, February 2020  
International Journal of Environmental Analytical Chemistry, SCI Journal, January 2020  
NET Journals- Advancement in Medicinal Plant Research, Other Indexed Journal, October 2019  
Net Journal of Agricultural Science, Other Indexed Journal, June 2019  
BioResources, SCI Journal, February 2019  
Advancement in Medicinal Plant Research, Other Indexed Journal, February 2019  
Indian Journal of Natural Products and Resources, Other journals, December 2018  
Turkish Journal of Life Sciences, Other Indexed Journal, October 2018  
Journal of Bartın Faculty of Forestry, Other Indexed Journal, April 2018  
International Journal of Secondary Metabolites, Other Indexed Journal, April 2018

## Edit Congress and Symposium Activities

2. International GAP Conference On Mathematics- Engineering- Science and Medical Studies, Attendee, Adıyaman, Turkey, 2019  
International Forest Products Congress - ORENKO 2018, Attendee, Trabzon, Turkey, 2018
1. International Technological Sciences and Design Symposium, Attendee, Giresun, Turkey, 2018
- IV. International Multidisciplinary Congress of Eurasia, Attendee, Roma, Italy, 2017
- 1st International Congress on Medical and Aromatic Plants, Attendee, Konya, Turkey, 2017
- International Forestry Symposium (IFS 2016), Attendee, Kastamonu, Turkey, 2016
- X. Yemeklik Mantar Kongresi, Attendee, Adana, Turkey, 2015
- XXVIIth International Conference Research for Furniture Industry,, Attendee, Ankara, Turkey, 2015
- Ekoloji 2015 VI Ulusal Ekoloji Sempozyumu, Attendee, Sinop, Turkey, 2015
- Ulusal Mikoloji günleri, Attendee, Erzurum, Turkey, 2014
- International Caucasian Forestry Symposium, Attendee, Artvin, Turkey, 2013

## Research Areas

algorithms, Heuristic Methods, Restoration, Cellulosic Materials