

## Prof. SİBEL YILDIZ

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### International Researcher IDs

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Yoksis Researcher ID: 11835

### Biography

14. 07. 1970 yılında Ordu'da doğdu. İlk, orta ve lise tahsilini Ordu'da tamamladıktan sonra, 1988 yılında Karadeniz Teknik Üniversitesi, Orman Fakültesi, Orman Endüstri Mühendisliği Bölümü'ne kaydoldu. 1992 yılında lisans, 1995 yılında yüksek lisans ve 2002 yılında doktora eğitimini tamamladı. Halen aynı bölümde, 2013 yılından bu yana Profesör unvanıyla akademik çalışmalarına devam etmektedir. Evli ve bir erkek çocuk annesi olup, iyi derecede İngilizce bilmektedir. Uzmanlık alanında çok sayıda ulusal ve uluslararası makaleye sahiptir.

### Education Information

Doctorate, Karadeniz Technical University, Orman Fakültesi / Fen Bilimleri Enstitüsü, Orman Endüstri Mühendisliği Bölümü / Orman Biyolojisi Ve Odun Koruma Teknolojisi Anabilim Dalı, Turkey 1995 - 2002

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Foreign Language, General English Intermediate Level Course, Link School of English, 2009

### Dissertations

Doctorate, Isıl İşlem Uygulanan Doğu Kayını ve Doğu Ladini Odunlarının Fiziksel, Mekanik, Teknolojik ve Kimyasal Özellikleri, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği Bölümü, 2002

### Research Areas

Agricultural Sciences, Forestry, Forest Industry Engineering, Forest Biology and Wood Protection Technology

## Academic Titles / Tasks

Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2013 - Continues  
Associate Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2007 - 2012  
Assistant Professor, Karadeniz Technical University, Orman Fakültesi, Orman Endüstri Mühendisliği, 2004 - 2007

## Jury Memberships

Doctorate, Doktora Yeterlik Sınavı, KTÜ Orman Fakültesi Orman Endüstri Mühendisliği Bölümü, September, 2009

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Total phenolics, tannin contents, antioxidant properties, protein and sensory analysis of *Pleurotus ostreatus*, *Pleurotus citrinopileatus* and *Pleurotus djamor* cultivated on different sawdusts**  
Kılıç C., Gürgen A., Yıldız S., Can Z., Değirmenci A.  
MADERAS: CIENCIA Y TECNOLOGIA, vol.26, no.1, pp.1-22, 2024 (SCI-Expanded)
- II. **EFFECTS OF DIFFERENT CLIMATE TYPES ON COLOR CHANGE OF WOOD MATERIAL USED OUTDOOR**  
Kilic C., YILDIZ S., GURGEN A., USTAÖMER D.  
WOOD RESEARCH, vol.68, no.4, pp.650-665, 2023 (SCI-Expanded)
- III. **COMBINING ARTIFICIAL NEURAL NETWORK AND MOTH-FLAME OPTIMIZATION ALGORITHM FOR OPTIMIZATION OF ULTRASOUND-ASSISTED AND MICROWAVE-ASSISTED EXTRACTION PARAMETERS: BARK OF *Pinus brutia***  
GÜRGEN A., Atilgan B., YILDIZ S., Gonultas O., Imamoglu S.  
MADERAS-CIENCIA Y TECNOLOGIA, vol.24, 2022 (SCI-Expanded)
- IV. **OPTIMIZATION OF CNC OPERATING PARAMETERS TO MINIMIZE SURFACE ROUGHNESS OF *Pinus sylvestris* USING INTEGRATED ARTIFICIAL NEURAL NETWORK AND GENETIC ALGORITHM**  
GÜRGEN A., Cakmak A., YILDIZ S., Malkocoglu A.  
MADERAS-CIENCIA Y TECNOLOGIA, vol.24, pp.1-12, 2022 (SCI-Expanded)
- V. **Optimization of Extraction Parameters of Ethanol Extracts of Propolis Samples Using Artificial Neural Network and Moth-Flame Optimization Algorithm**  
GÜRGEN A., Serencam H., KARA Y., Can Z., YILDIZ S.  
JOURNAL OF APICULTURAL SCIENCE, vol.65, no.2, pp.229-241, 2021 (SCI-Expanded)
- VI. **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 (SCI-Expanded)
- VII. **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 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Elemental Composition of A Cultivated Mushroom (*Agaricus bisporus*) and Some Wild Mushroom Species**  
YILDIZ S., DOĞAN H. H., GÜRGEN A., ÇEVİK U.  
Bartın Orman Fakültesi Dergisi, vol.26, no.1, pp.55-63, 2024 (Peer-Reviewed Journal)
- II. **Modelling some physical and mechanical properties of heat-treated Scotch pine using artificial**

## neural network

Yıldız S., Gürgen A.

Turkish Journal of Forestry, vol.22, no.2, pp.135-142, 2021 (Peer-Reviewed Journal)

- III. **METAL AND RADIONUCLIDE ACCUMULATION OF SOME CULTIVATED MUSHROOMS**  
YILDIZ S., GÜRGEN A., ÇEVİK U., ÇELİK A., DOĞAN H. H.  
Sigma Journal of Engineering and Natural Sciences, vol.11, no.2, pp.167-176, 2020 (ESCI)
- IV. **MODELLING WATER INTAKE PROPERTIES OF HEAT-TREATED BEECH AND SPRUCE WOOD TREATED AT DIFFERENT TEMPERATURES USING BY ARTIFICIAL NEURAL NETWORKS**  
Gürgen A., Yıldız S.  
Wood Industry and Engineering, vol.2, no.1, pp.6-12, 2020 (Peer-Reviewed Journal)
- V. **Bazı Meyve Ağaçlarının Diri ve Öz Odunlarının Çürüklük Mantarlarına Karşı Anti-fungal Dayanımlarının Belirlenmesi**  
TOPALOĞLU E., USTAÖMER D., YILDIZ S.  
İğdir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2020 (Peer-Reviewed Journal)
- VI. **Evaluation of essential properties of impregnating agents for preserving wood by AHP method in fuzzy environment**  
GÜRGEN A., YILDIZ S., YILDIZ Ü. C., Palanti S.  
TURKISH JOURNAL OF FORESTRY, vol.21, no.1, pp.70-76, 2020 (Peer-Reviewed Journal)
- VII. **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 DOĞA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.23, pp.586-591, 2020 (ESCI)
- VIII. **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 (ESCI)
- IX. **Antioxidant, Antimicrobial and Anti-Quorum Sensing Activities of Usnea filipendula and Viscum album**  
YILDIZ S., GÜRGEN A., Kılıç C., Sana T., KILIÇ A. O., CAN Z.  
Journal of Anatolian Environmental and Animal Sciences, 2019 (Peer-Reviewed Journal)
- X. **Asetillendirilmiş Ladin Yongalevhalarının Esmer Çürüklük Mantarına Coniophora puteana Karşı Dayanıklılığı**  
DİZMAN TOMAK E., YILDIZ Ü. C., YILDIZ S., ASLAN M., TEMİZ A., GEZER E. D.  
Kafkas Üniversitesi Artvin Orman Fakültesi Dergisi, vol.7, no.2, pp.106-115, 2006 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Orman Endüstri Mühendisliği Eğitiminde Hikayenin Gücü**  
YILDIZ S.  
in: Eğitimde Hikayenin Gücü, Cengiz Yakıncı, Ahmet Kızılay, Editor, İnönü Üniversitesi Yayınevi, Malatya, pp.124-128, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **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, Adıyaman, Turkey, 21 - 23 June 2019, pp.111-118

- II. **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
- III. **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, 27 - 29 July 2018, vol.1887
- IV. **SURFACE FINISHING PROBLEMS OF HISTORICAL WOODEN HOUSES LOCATED IN WESTERN BLACK SEA REGION OF TURKEY**  
Kaygın B., Kaygın A., Onat S. M., YILDIZ Y., Özkazanç K., Çelikyay S., YILDIZ Ü. C., YILDIZ S.  
International Forest Products Congress, Trabzon, Turkey, 26 - 29 September 2018, pp.50-56
- V. **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
- VI. **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
- VII. **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
- VIII. **USAGE POSSIBILITIES OF FLAXSEED (Linum usitatissimum) AS GROWTH MEDIUM FOR CONIOPHORA PUTEANA FUNGI**  
YILDIZ Ü. C., GÜRGEN A., YILDIZ S.  
International Forest Products Congress, Trabzon, Turkey, 26 - 29 September 2018, pp.25-30
- IX. **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
- X. **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., SANA T., GÖNÜL S., SÖKMEN M., KILIÇ A. O.  
1. INTERNATIONAL TECHNOLOGICAL SCIENCES AND DESIGN SYMPOSIUM, 27 - 29 June 2018, pp.610
- XI. **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
- XII. **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
- XIII. **Determination of Radioactivity Levels In Some Wild Mushrooms Collected From Black Sea Region**  
GÜRGEN A., YILDIZ S., ÇELİK A., ÇEVİK U.  
International Multidisciplinary Congress of Eurasian, 22 - 24 August 2017
- XIV. **Water Uptake and Wettability Properties of Composite Panels Produced from Heat-Treated Wood Wastes**  
Çidem H., YILDIZ S., Demir A., Aydın İ., Yıldız Ü. C.

13. International IUFRO Wood Drying Conference, İstanbul, Turkey, 13 - 16 September 2017, pp.1-8
- XV. **Heat treatment of wood in Turkey-state of the art**  
Yıldız Ü. C., YILDIZ S.  
13th IUFRO International Wood Drying Conference, İstanbul, Turkey, 13 - 16 September 2017, pp.1-6
- XVI. **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, 22 - 24 August 2017
- XVII. **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
- XVIII. **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
- XIX. **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
- XX. **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
- XXI. **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
- XXII. **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
- XXIII. **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.1
- XXIV. **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
- XXV. **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
- XXVI. **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
- XXVII. **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
- XXVIII. **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
- XXIX. **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
- XXX. **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
- XXXI. **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.61
- XXXII. **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
- XXXIII. **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
- XXXIV. **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
- XXXV. **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
- XXXVI. **FUNGICIDAL EFFECT OF TOBACCO STALKS Nicotiana tabacum L AGAINST BROWN ROT FUNGI Coniophora puteana**  
YILDIZ Ü. C., YILDIZ S., YILMAZ A., DURMAZ S.  
IRG/WP ANNUAL MEETING, 15 - 19 May 2016
- XXXVII. **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
- XXXVIII. **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
- XXXIX. **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
- XL. **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
- XLI. **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
- XLII. **Kahramanmaraş ve Erzurum'den toplanan Agaricus campestris Mantarının Toplam Polifenol,**

**Antioksidan ve Antimikrobiyal Özelliklerinin Belirlenmesi**

YILDIZ S., YILMAZ A., TABBOUCHE S., KILIÇ A. O., KOLAYLI S.

Ekoloji 2015 VI Ulusal Ekoloji Sempozyumu, Sinop, Turkey, 6 - 09 May 2015, pp.444

- XLIII. **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
- XLIV. **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 Ekoloji Sempozyumu, Turkey, 6 - 09 May 2015, pp.142
- XLV. **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
- XLVI. **Resistance to Decay Fungi of Scots Pine Impregnated with Natural and Chemical Preservatives**  
YILDIZ S., Şimşek U. B.  
45. IRG (International Research Group on Wood Protection) Annual Meeting, Utah, United States Of America, 11 - 15 May 2014, pp.1-7
- XLVII. **Wild Edible Mushrooms Having an Important Potential in East Black Sea Region**  
OKAN O. T., DENİZ İ., YILDIZ S., YILMAZ A., BARUTÇIYAN J.  
Uluslararası Kafkas Ormançılık Sempozyumu, Kahramanmaraş, Turkey, 24 - 26 October 2013, pp.673-680
- XLVIII. **The Effects of Industrial-Scale Heat Treatment and Impregnation with Boron Compounds on Water Uptake and Tangential Swelling of Some Wood Species**  
Can A., YILDIZ S., YILDIZ Ü. C.  
International Research Group on Wood Preservation 43. IRG Annual Conference, Kuala Lumpur, Malaysia, 6 - 10 May 2012, pp.12-19
- XLIX. **Isıl İşlem Uygulanmış Ladin, Karaçam, Kayın ve Kavak Odunlarının Korozyon Özellikleri**  
YILDIZ S., Can A.  
I. Ulusal Akdeniz Orman ve Çevre Sempozyumu, Kahramanmaraş, Turkey, 26 - 28 October 2011, pp.25-28
- L. **Effect of Boron Impregnation and Heat Treatment on Some Physical and Mechanical Properties of Spruce and Pine Wood**  
Can A., YILDIZ S., Yıldız Ü. C., Dizman Tomak E.  
The 1st International Symposium on Environment and Forestry, Trabzon, Turkey, 4 - 06 November 2010, pp.753-766
- LI. **Determination of Use Category for the Some Defective/Decayed Wood.**  
YILDIZ S., Dizman Tomak E., YILDIZ Ü. C.  
The 1st International Symposium on Environment and Forestry, Trabzon, Turkey, 4 - 06 November 2010, vol.2, pp.678-694
- LII. **Yeni Nesil Su Bazlı Mikro-Emülsiyon Sistem Formülasyonlarla Muamele Edilen Doğu Kayınının Bazı Fiziksel Özellikleri**  
YILDIZ S., YILDIZ Ü. C., Dizman Tomak E.  
AÇÜ III. Ulusal Karadeniz Ormançılık Kongresi, Artvin, Turkey, 20 - 22 May 2010, pp.45-51
- LIII. **The Effects of Natural Weathering on Heat Treated Alder Wood**  
YILDIZ S., Yıldız U. C., Dizman Tomak E.  
41. IRG (International Research Group on Wood Protection) Annual Meeting, Biarritz, France, 9 - 13 May 2010, pp.60-70
- LIV. **The Effects of Some Fire Retardant Chemicals on the Decay Resistance of Medium Density Fiberboard (MDF)**  
USTAÖMER D., USTA M., YILDIZ Ü. C., YILDIZ S., Tomak E. D.  
International Research Group on Wood Preservation 41. IRG Annual Conference, Biarritz, France, 9 - 13 May 2010, pp.53-59

- LV. The Effects of Natural Weathering on the Properties of Heat Treated Alder Wood**  
YILDIZ S., YILDIZ Ü. C., Dizman Tomak E.  
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- LXXI. **Asetillendirilmiş Ladin Yongalevhalarının Bazı Fiziksel Özellikleri,**  
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- LXXXI. **Effects of Different Substrate Combinations on Mycelial Growth Period of *Pleurotus ostreatus***  
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- LXXXII. **The Efficiency of Wood Preservative Treatments in Laboratory Soil - Bed Test**  
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- LXXXIII. **Cu, Cr and As in Soils Adjacent to CCA Treated Utility Poles in Eastern Black Sea Region of Turkey**  
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- CIII. Utilization of Some Lignocellulosic Wastes as Raw Material for Pleurotus ostreatus Cultivation in Northern Karadeniz Region**  
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- CIV. Doğu Karadeniz Bölgesinde Bitkisel Artık ve Atıkların Yemelik Mantar Üretiminde Hammadde Olarak Değerlendirilmesi**  
Mustafa Kemal Y., YILDIZ S., Zafer D.  
I. Giresun Sempozyumu, Giresun, Turkey, 18 - 19 June 1994, pp.1-7

## **Other Publications**

- I. Mantarlarda Olası Radroaktivite Birikimive Etkileri**  
Yılmaz A., Yıldız S.  
Other, pp.12-15, 2015

## Supported Projects

Yıldız S., TÜBİTAK - AB COST Project, Yüksek Miktarda Biyofilm Oluşturan Bazı Mantarlardan Ekolojik, Ekonomik ve Sürdürülebilir Ahşap Yüzey Kaplama Malzemesinin Geliştirilmesi, 2024 - 2027

Yıldız S., Kandemir G., TUBITAK Project, TEKSTİL ATIKLARININ MDF (Orta Yoğunlukta Lif Levha) ÜRETİMİNDE HAMMADDE OLARAK DEĞERLENDİRİLMESİ VE ÜRETİLEN LEVHALARIN BAZI FİZİKSEL, MEKANİK VE BİYOLOJİK ÖZELLİKLERİ, 2023 - 2024

YILDIZ S., GÜRGEN A., Project Supported by Higher Education Institutions, MULTİ-FONKSİYONEL BAZI BİLEŞİKLERİN ODUN KORUMADA SİNERJİK ETKİLERİNİN BELİRLENMESİ VE ÇOK AMAÇLI OPTİMİZASYONU, 2019 - 2022

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

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

GÜRGEN A., YILDIZ S., Project Supported by Other Official Institutions, Bazı Pleurotus spp. Türlerinin Farklı Ortamlarda Üretilmesi, Kimyasal ve Duyusal Analizi, 2017 - 2018

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 OLANAKLARI, 2017 - 2017

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

TEMİZ A., GEZER E. D., YILDIZ S., TUBITAK Project, Artvin Yöresinde CCA ile Emprenyeli Tel Direklerinden Yıkanan Bakır, Krom ve Arseniğin Toprak ve Su Kaynakları Üzerindeki Etkisinin Belirlenmesi ve Kullanım Süresini Tamamlamış CCA ile Emprenyeli Ağaç Malzemelerden Bakır, Krom ve Arseniğin Uzaklaştırılması., 2008 - 2012

Kolaylı S., Yıldız S., Ünver S., EU Supported Other Project, Kültür Mantarı ve Ev Yemekliliği Kursu, 2010 - 2011

YILDIZ S., TUBITAK Project, Batı Karadeniz'deki Tarihi Evlerde Ağaç Malzeme Zarar Yapan Etmenlerin Belirlenerek, Bu Evlerin Korunma ve Süreklilik Olanaklarının Araştırılması, 2007 - 2010

Gezer E. D., Kalaycıoğlu H., Yıldız Ü. C., Yıldız S., Dönmez Çavdar A., TUBITAK Project, Borlu Bileşiklerle Emprenye Edilmiş Masif ve Kompozit Odun Ürünlerinde Fiziksel, Kimyasal, Mekanik ve Biyolojik Dayanım Özellikleri ve Endüstriyel Uygulama Olanakları, 2007 - 2009

YILDIZ Ü. C., YILDIZ S., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, CCA ile Emprenye Edilmiş Tel Direklerde Çürütücü Etmenlerin Belirlenmesi ve Atık Emprenyeli Odunların Yeniden Değerlendirilmesi, 2002 - 2005

## Activities in Scientific Journals

ISRN (International Scholarly Research Network) Forestry journal, Evaluation Committee Member, 2011 - Continues

## Memberships / Tasks in Scientific Organizations

KTÜ Türk Sanat Müziği Akademisyenler Topluluğu Üyesi, Member, 2012 - Continues

TMMOB Orman Mühendisleri Odası, Member, 2011 - Continues

## Scientific Refereeing

Journal of Applied Life Sciences International / PROXIMATE NUTRIENT COMPOSITION AND ANTIOXIDANT PROPERTIES OF PLEUROTUS SAPIDUS 969 CULTIVATED ON AGAVE SISALANA SALINE SOLID WASTE, Other Indexed Journal, November 2017

Agricultural and Forest Meteorology / Thermal infrared imaging of conifer leaf temperatures: comparison to thermocouple measurements and assessment of environmental influences, SCI Journal, August 2017  
Project Supported by Higher Education Institutions, June 2017  
Turkish Journal of Forestry / Investigation of the Effect of Some Boron Compounds on the Thermal and Combustion Properties in Wood-Plastic Composites, Other Indexed Journal, April 2017  
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, December 2016  
Project Supported by Higher Education Institutions, May 2016  
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Project Supported by Higher Education Institutions, October 2015  
Yardımcı Doçent Kadrosu Atama Jürisi, Other Journals, July 2014

## Metrics

Publication: 189  
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H-Index (Scopus): 17

## Congress and Symposium Activities

İntermob Mobilya Yan Sanayii, Aksesuarları,Orman Ürünleri ve Ahşap Teknolojisi Fuarı, Attendee, İstanbul, Turkey, 2018  
TOKAT AR-GE PROJE PAZARI, Attendee, Tokat, Turkey, 2018  
THE INTERNATIONAL FOREST PRODUCTS CONGRESS, Attendee, Trabzon, Turkey, 2018  
IV. Ulusal Ormançılık Kongresi, Attendee, Antalya, Turkey, 2017  
İntermob Mobilya Yan Sanayii, Aksesuarları,Orman Ürünleri ve Ahşap Teknolojisi Fuarı, Attendee, İstanbul, Turkey, 2017  
48th International Research Group on Wood Protection Annual Meeting, Attendee, Gent, Belgium, 2017  
KTÜ Orman Endüstri Müh. Böl. II. Eğitim Çalıştayı, Attendee, Trabzon, Turkey, 2016  
2nd International Furniture Congress (IFC), Attendee, Muğla, Turkey, 2016  
19. Uluslararası Mobilya Yan Sanayi, Aksesuarları, Orman Ürünleri ve Ahşap Teknolojisi Fuarı, Attendee, İstanbul, Turkey, 2016  
Türkiye İnovasyon Haftası Etkinlikleri, Attendee, İstanbul, Turkey, 2014  
II. Mobilya Ar-Ge Proje pazarı, Attendee, Mersin, Turkey, 2014  
Erasmus Mobility Programme, Attendee, Wien, Austria, 2013  
I. Ulusal Akdeniz Orman ve Çevre Sempozyumu, Attendee, Kahramanmaraş, Turkey, 2011  
1st International Symposium on Environment and Forestry, Attendee, Trabzon, Turkey, 2010  
13.Uluslararası Mobilya Yan Sanayi, Aksesuarları, Orman Ürünleri ve Ahşap Teknolojileri Fuarı, Attendee, İstanbul, Turkey, 2010  
Cost Action Annual Conference, Attendee, İzmir, Turkey, 2010  
41st International Research Group on Wood Protection Annual Meeting, Attendee, Biarritz, France, 2010  
AÇÜ III. Ulusal Karadeniz Ormançılık Kongresi, Attendee, Artvin, Turkey, 2010

## Scholarships

Erasmus Mobility Programme, University, 2016 - Continues  
Erasmus Mobility Program, University of Bodenkultur, Vienna / Austria, University, 2013 - Continues  
Malta Dil okulunda (Link School of English) İngilizce dil eğitimi kursu, University, 2009 - Continues

## **Awards**

YILDIZ S., Certificate of Excellence in Reviewing, Journal of Applied Life Sciences International, December 2017

YILDIZ S., II. Mobilya Ar-Ge Proje pazarında finalistlik ödülü, - Türkiye İhracatçılar Meclisi (TİM) Akdeniz İhracatçı Birlikleri, December 2014

YILDIZ S., Çok sayıda bilimsel eserleri teşvik ödülü, Tübitak, December 2013

YILDIZ S., Most Cited Articles Award, Building and Environment, Elsevier, Oxford, United Kingdom, December 2009

## **Non Academic Experience**

KTÜ ORMAN FAKÜLTESİ