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International Researcher IDs

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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. **Natural Durability of Some Wood Species in Ground Contact at Four Sites in Turkey. Part 1: Physical Properties**
Kılıç C., Yıldız S.
DREWNO, vol.67, no.214, pp.1-14, 2024 (SCI-Expanded)
- II. **TOTAL PHENOLICS, TANNIN CONTENTS, ANTIOXIDANT PROPERTIES, PROTEIN AND SENSORY ANALYSIS OF *Pleurotus ostreatus*, *Pleurotus citrinopileatus* AND *Pleurotus djamor* CULTIVATED ON DIFFERENT SAWDUSTS**
Kilic C., GURGEN A., YILDIZ S., CAN Z., DEĞİRMENCİ A.
MADERAS-CIENCIA Y TECNOLOGIA, vol.26, pp.8-10, 2024 (SCI-Expanded)
- III. **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)
- IV. **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., IMAMOĞLU S.
MADERAS-CIENCIA Y TECNOLOGIA, vol.24, 2022 (SCI-Expanded)
- V. **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., MALKOCOĞLU A.
MADERAS-CIENCIA Y TECNOLOGIA, vol.24, pp.1-12, 2022 (SCI-Expanded)
- VI. **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)
- VII. **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)
- VIII. **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. **Antifungal and Antioxidant Properties of Some Artificial Antioxidants, Generally Recognized as Safe Compounds and Nano-Oxides**
Gürgen A., Yıldız S.
TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.12, no.8, pp.1402-1407, 2024 (Peer-Reviewed Journal)
- II. **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)
- III. **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)
- IV. **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)
- V. **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)
- 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. **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)
- VIII. **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)
- IX. **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 BILIMLERI DERGISI, vol.37, no.4, pp.1371-1380, 2019 (ESCI)
- X. **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 (Peer-Reviewed Journal)
- XI. **Asetillendirilmiş Ladin Yongalevhalarının Esmir 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

- I. **50. Yıl Anı Kitabı**
Yıldız S. (Editor), Ondaral S. (Editor)
Karadeniz Teknik Üniversitesi Yayınları, Trabzon, 2024

II. KADINLARIN EDEBİYAT DÜNYASINDAKİ ROLÜ VE ETKİSİ

YILDIZ S.

in: ZAMANIN İZLERİ: KADIN, YALÇINKAYA MEHMET ALAADDİN, CAN EMİR BADEGÜL, DEMİREL SERKAN, Editor, Karadeniz Teknik Üniversitesi Yayınları, Trabzon, pp.58-71, 2024

III. 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

Papers Published in Refereed Scientific Meetings

- I. **Determination of Natural Resistance of Chestnut (*Castanea sativa* Mill.) Wood in Contact With Soil in Different Geographical Regions and Climate Types**
Kılıç C., Yıldız S.
11. Uluslararası Ekoloji Sempozyumu, Sinop, Turkey, 29 May - 01 June 2024, pp.16
- II. **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
- III. **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, Adıyaman, Turkey, 21 - 23 June 2019, pp.279-286
- IV. **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
- V. **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
- 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. **Comparison of Quorum Sensing Inhibition and Antimicrobial Properties of Some Commercial and Wild Mushrooms Extracted with Supercritical CO₂**
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
- 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 CO₂**

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

- XI. **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
- XII. **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
- XIII. **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
- XIV. **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
- XV. **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
- 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, Roma, Italy, 22 - 24 August 2017, pp.1
- 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. **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
- XX. **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
- XXI. **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
- XXII. **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
- 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.329
- XXIV. **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

- XXV. **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
- XXVI. **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
- XXVII. **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
- XXVIII. **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.
International Conference on Processing Technologies for the Forest and Biobased Industries, Georgia, United States Of America, 25 - 26 October 2016, pp.1
- XXIX. **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
- XXX. **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
- XXXI. **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
- XXXII. **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
- XXXIII. **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
- XXXIV. **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, Lisbon, Portugal, 15 - 19 May 2016, pp.1-8
- XXXV. **Kahramanmaraş ve Erzurum'dan toplanan Agaricus campestris mantarlarının radyoaktivite tayini ve ağır metal miktarlarının belirlenmesi**
YILMAZ A., YILDIZ S., ÇELİK A., ÇEVİK U.
X. Yemeklik Mantar Kongresi, Adana, Turkey, 20 - 23 October 2015, pp.13
- XXXVI. **Kahramanmaraş ve Erzurum'dan 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
- XXXVII. **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

- XXXVIII. **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
- XXXIX. **Ihlamur (Tilia tomentosa) Yapraklarında Yetiştirilen Pleurotus ostreatus Mantarının Toplam Polifenol, Antioksidan ve Antimikrobiyal Özelliklerinin Belirlenmesi**
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
- XL. **Kahramanmaraş ve Erzurum'xdan toplanan Agaricus campestrisMantarının 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
- XLI. **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
- XLII. **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
- XLIII. **Resistance to Decay Fungi of Scots Pine Impregnated with Natural and Chemical Preservatives**
YILDIZ S., ŞİMŞEK U. B.
45. IRG (International Research Group on Wood Protection) Annual Meeting, Utah, United States Of America, 11 - 15 May 2014, pp.1-7
- XLIV. **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
- XLV. **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
- XLVI. **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
- XLVII. **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
- XLVIII. **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
- XLIX. **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
- L. **The Effects of Natural Weathering on the Properties of Heat Treated Alder Wood**
YILDIZ S., YILDIZ Ü. C., Dizman Tomak E.
International Research Group on Wood Preservation 41. IRG Annual Conference, Biarritz, France, 9 - 13 May 2010, pp.48-53

- LI. **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
- LII. **The Effects of Natural Weathering on Heat Treated Alder Wood**
YILDIZ S., Yıldız U. C., Dizman Tomak E.
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- LIII. **The Effects of Some Fire Retardant Chemicals on the Decay Resistance of Medium Density Fiberboard(MDF), (IRG/WP10-30536)**
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Other Publications

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

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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

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

YILDIZ S., TUBİTAK Project, Batı Karadeniz'deki Tarihi Evlerde Ağaç Malzemede 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., TUBİTAK 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 Üyeliği, Member, 2012 - Continues

TMMOB Orman Mühendisleri Odası, Member, 2011 - Continues

Peer Reviews in Scientific Publications

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

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

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Scientific Project Refereeing

Project Supported by Higher Education Institutions, June 2017

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Metrics

Publication: 190

Citation (WoS): 1316

Citation (Scopus): 1431

H-Index (WoS): 17

H-Index (Scopus): 18

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 Ormanlık Kongresi, Attendee, Antalya, Turkey, 2017

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48th International Research Group on Wood Protection Annual Meeting, Attendee, Gent, Belgium, 2017

19. Uluslararası Mobilya Yan Sanayi, Aksesuarları, Orman Ürünleri ve Ahşap Teknolojisi Fuarı, Attendee, İstanbul, Turkey, 2016

KTÜ Orman Endüstri Müh. Böl. II. Eğitim Çalıştayı, Attendee, Trabzon, Turkey, 2016

2nd International Furniture Congress (IFC), Attendee, Muğla, Turkey, 2016

II. Mobilya Ar-Ge Proje pazarı, Attendee, Mersin, Turkey, 2014

Türkiye İnovasyon Haftası Etkinlikleri, Attendee, İstanbul, 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

Cost Action Annual Conference, Attendee, İzmir, Turkey, 2010

13.Uluslararası Mobilya Yan Sanayi, Aksesuarları, Orman Ürünleri ve Ahşap Teknolojileri Fuarı, Attendee, İstanbul, Turkey, 2010

41st International Research Group on Wood Protection Annual Meeting, Attendee, Biarritz, France, 2010
AÇÜ III. Ulusal Karadeniz Ormancılık 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, ÖĞRETİM ÜYESİ