

## Prof. İLKER USTA

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: G-6134-2013

Yoksis Researcher ID: 16427

### Education Information

Doctorate, University of Wales-Bangor University, School Of Agriculture And Forestry, Department Of Wood Science, United Kingdom 1994 - 1997

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Ağaçışleri Endüstri Mühendisliği, Turkey 1991 - 1993

Undergraduate, Hacettepe University, Mesleki Teknoloji Yüksekokulu, Ağaçışleri Endüstri Mühendisliği, Turkey 1986 - 1990

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

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

### Academic Titles / Tasks

Professor, Hacettepe University, Mesleki Teknoloji Yüksekokulu, Ağaç işleri Endüstri Mühendisliği Bölümü, 2013 - Continues

Associate Professor, Hacettepe University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2011 - 2013

Associate Professor, Hacettepe University, Mesleki Teknoloji Yüksekokulu, Ağaç işleri Endüstri Mühendisliği Bölümü, 2005 - 2011

Assistant Professor, Hacettepe University, Mesleki Teknoloji Yüksekokulu, Ağaç işleri Endüstri Mühendisliği Bölümü, 1998 - 2005

Lecturer PhD, Hacettepe University, Mesleki Teknoloji Yüksekokulu, Ağaç işleri Endüstri Mühendisliği Bölümü, 1998 - 1998

Research Assistant, Hacettepe University, Mesleki Teknoloji Yüksekokulu, Ağaç işleri Endüstri Mühendisliği Bölümü, 1990 - 1998

## Academic and Administrative Experience

Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Ağaç İşleri Endüstri Mühendisliği (YI) (Tezli), 2012 - Continues  
Hacettepe Üniversitesi, Mesleki Teknoloji Yüksekokulu, 2012 - Continues  
Hacettepe Üniversitesi, Mesleki Teknoloji Yüksekokulu, 2007 - 2012

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

- I. **Comparison of surface roughness of Locust acacia (*Robinia pseudoacacia* L.) and European oak (*Quercus petraea* (Mattu.) Lieble.) in terms of the preparative process by planing**  
Usta I., DEMIRCI S., Kilic Y.  
BUILDING AND ENVIRONMENT, vol.42, no.8, pp.2988-2992, 2007 (SCI-Expanded)
- II. **The effect on shear strength of different surfacing techniques in Oriental beech (*Fagus orientalis* Lipsky) and Scotch pine (*Pinus sylvestris* L.) bonded joints**  
BURDURLU E., Usta I., Kilic Y., ULUPINAR M.  
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.21, pp.319-330, 2007 (SCI-Expanded)
- III. **Comparison of the bordered pits of two species of spruce (*Pinaceae*) in a green and kiln-dried condition and their effects on fluid flow in the stem wood in relation to wood preservation**  
USTA İ., Hale M. D.  
FORESTRY, vol.79, no.4, pp.467-475, 2006 (SCI-Expanded)
- IV. **Amenability of European silver fir (*Abies alba* Mill.) to preservative treatment by the full-cell process in longitudinal, tangential, radial and triplex flow pathways on the base of wood drying**  
Usta I.  
BUILDING AND ENVIRONMENT, vol.41, no.8, pp.1027-1033, 2006 (SCI-Expanded)
- V. **The influence of different ramp times on CCA uptake of fir (*Abies bornmulleriana* Mattf.) at constant vacuum and pressure condition**  
USTA İ., Despot R., Hasan M.  
WOOD RESEARCH, vol.50, no.3, pp.59-72, 2005 (SCI-Expanded)
- VI. **Effects of seed origin and site on the amenability of Sitka spruce (*Picea sitchensis* (Bong.) Carr.) grown in Britain to preservative treatment in longitudinal and radial directions**  
USTA İ., Hale M.  
FORESTRY, vol.77, no.1, pp.45-59, 2004 (SCI-Expanded)
- VII. **Radial permeability of sitka spruce as affected by wood structure - Permeability of cross-field pits in uniseriate rays**  
USTA İ., Hale M.  
IAWA JOURNAL, vol.24, no.2, pp.197-204, 2003 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Statistical Evaluation of Sample Preparation Procedures and Methodical Arrangements in Experimental Wood Protection Application**  
USTA İ.  
Muş Alparslan Üniversitesi Fen Bilimler Dergisi, vol.11, no.1, pp.7-14, 2023 (Peer-Reviewed Journal)
- II. **Mobilya Endüstrisinde Herkes İçin Tasarım Kavramının Ürün Geliştirme Sürecine Yönelik Rekabet Üstünlüğü Katkısının Araştırılması / Investigation on Contribution of Competitiveness for Product Development Process of the Concept of Design for Everyone in the Furniture Industry**  
ALTINÖZ M., AKKUŞ B., YILMAZ K., USTA İ.  
İleri Teknoloji Bilimleri Dergisi, vol.6, no.3, pp.721-734, 2017 (Peer-Reviewed Journal)
- III. **Rekabet Üstünlüğü Bakımından Ürün Tasarımındaki Farklaşmanın Mobilya Endüstrisi Açısından**

**İncelenmesi: Ankara İli Örneği / An Investigation About Competitive Advantage in Terms of Differentiation in Product Design for Furniture Industry: Ankara Sample**

YILMAZ K., ALTINÖZ M., AKKUŞ B., USTA İ.

Muğla Journal of Science and Technology, vol.2, no.2, pp.171, 2016 (Peer-Reviewed Journal)

**IV. Determination of Classical Chair Style and Colour Preferences of Consumers with Different Demographic Dimensions**

Burdurlu E., USTA İ., Berker U. O., Altun S., Manargali F. A., Erdogan G.

JOURNAL OF POLYTECHNIC-POLITEKNİK DERGİSİ, vol.8, no.4, pp.359-367, 2005 (ESCI)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Investigation on Contribution of Competitiveness for Product Development Process of the Concept of Design for Everyone in the Furniture Industry**  
ALTINÖZ M., AKKUŞ B., YILMAZ K., USTA İ.  
4th International Furniture and Decoration Congress, Düzce, Turkey, 19 - 21 October 2017, pp.122-136
- II. **An Investigation About Competitive Advantage in Terms of Differentiation in Product Design for Furniture Industry: Ankara Sample**  
ALTINÖZ M., YILMAZ K., AKKUŞ B., USTA İ.  
II. INTERNATIONAL FURNITURE CONGRESS (IFC), Muğla, Turkey, 13 - 15 October 2016, pp.467-476
- III. **The Effect of Reconstituted Veneer on Chip Board Bending Strength**  
KILIÇ Y., GÖKHAN K., ULUPINAR ÖZ M., USTA İ., AKKUŞ B., YILMAZ K.  
The XXVIIIth International Conference Research for Furniture Industry / 27. ULUSLARARASI MOBİLYA ENDÜSTRİSİ KONFERANSI, Ankara, Turkey, 17 - 18 September 2015, pp.295-303
- IV. **Office Furniture Manufacturers Connection System Preferences**  
KILIÇ Y., ELİBOL G. C., USTA İ.  
The XXVII. International Conference-Research for Furniture Industry, 17 - 18 September 2015
- V. **A review of preservative treatment of wood**  
USTA İ.  
16th International Conference on Furniture and Equipping of Interiors, Zagreb, Croatia, 14 October 2005, pp.9-12
- VI. **The interaction of wood density and moisture content of european silver fir (Abies alba Mill.) on the effectiveness of full-cell preservative treatment**  
USTA İ., Despot R., Hasan M.  
7th International Conference on Wood in the Construction Industry, Zagreb, Croatia, 22 April 2005, pp.111-117
- VII. **Recent trends in the wood preservation industry of Turkey**  
USTA İ.  
6th International Conference on Wood in the Construction - Rational Utilisation of Wood, Zagreb, Croatia, 23 April 2004, pp.35-42
- VIII. **The influence of site on longitudinal fluid uptake by Sitka spruce (Picea sitchensis (Bong.) Carr.) in relation to within tree trends in wood density**  
USTA İ., Hale M.  
International Conference on Wood in Construction Industry-Current Trends, Zagreb, Croatia, 11 April 2003, pp.13-18

## **Supported Projects**

USTA İ., Project Supported by Higher Education Institutions, Ahşap Üzerine Betimlemeler Kültürlerarası etkileşim aracı olan ahşabın Değerli bir Nesne olarak kabul edilip özümsemesi (Ahşap Güzel ve Çok Yönlü Bir Malzemedir), 2015 - 2017

## **Metrics**

Publication: 19

Citation (WoS): 49

Citation (Scopus): 22

H-Index (WoS): 4

H-Index (Scopus): 3