

Prof. HÜSEYİN GÜÇLÜ YAVUZCAN



Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAA-1416-2021

ScopusID: 6507536188

Yoksis Researcher ID: 1244



Education Information

Post Doctorate, Technische Universitaet München, Institut für Landtechnik, Landtechnik, Germany 1998 - 2000

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Tarım Makineleri Ve Teknolojileri Mühendisliği (Dr), Turkey 1994 - 1998

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Tarım Makineleri Ve Teknolojileri Mühendisliği (YI) (Tezli), Turkey 1992 - 1994

Undergraduate, Ankara University, Ziraat Fakültesi, Tarım Makineleri Ve Teknolojileri Mühendisliği Bölümü, Turkey 1988 - 1992

Biography

Full Professor, Department of Industrial Design, Faculty of Architecture, Gazi University.

Earned his M.Sc. and Ph.D. degrees at Ankara University. Conducted the part of his Ph.D. at SGGW Warsaw University within NATO Science Fellowship. Has been awarded Alexander von Humboldt Fellowship and conducted post-doctoral studies in Technical University of Munich (TUM) from 1998-2000 in the field of Biosystems Engineering. Between 2000 and 2002, has been nominated as regional developments projects coordinator and resident representative in Kazakhstan for Turkish International Cooperation Agency.

In July 2002, appointed as associate professor to the Department of Industrial Technology, Gazi University. In 2005, was promoted to full professorship and appointed to the chair of the Industrial Technology Department between 2005 and 2013. In 2007 nominated as Bologna Expert by the Turkish Higher Education Council and the European Commission with a main responsibility quality assurance in higher education.

He has been involved in several European Projects (LLP, ESF-COST, Erasmus+) as the promoter and coordinator. From 2005 to 2008 nominated as advisor to the rector for internalisation, quality assurance, international projects and industrial property. In 2009, entitled as "patent attorney" by the Turkish Patent Institute.

Between 2013 and 2019, nominated as the head of department of Industrial Product Design Department, Faculty of Architecture, Gazi University. He was also selected as the member of Gazi University Senate between 2006 and 2009 and the member of the faculty administrative board between 2007 and 2019. He has given lectures at the University of

Duisburg-Essen, University of Potsdam, University of Flenburg and University of Sevilla at different terms within Erasmus and Humboldt programs.

Since 2007, he partially works for European Commission as European Projects Evaluator in EACEA. As well as that, he works for Turkish Higher Education Quality Council (YÖKAK) as academic evaluator and team leader in Institutional Accreditation and Institutional Evaluation Programs. He is the member of Technical University of Munich and Humboldt Stiftung Alumni.

Foreign Languages

English, C2 Mastery

Certificates, Courses and Trainings

Education Management and Planning, European Interactive Industrial Design Studio: Instructor Training Programme, Avrupa Komisyonu, 2023

Quality Management, 2021 Yılı Değerlendirmede Mükemmelleşme Eğitimi, Yükseköğretim Kalite Kurulu, 2021

Quality Management, 2021 yılı Kurumsal Dış Değerlendirme, Kurumsal Akreditasyon ve Kurumsal İzleme Saha Hazırlık Eğitimi Programı, Yükseköğretim Kalite Kurulu, 2021

Quality Management, 2020 Yılı Kurumsal Akreditasyon Programı (KAP) Değerlendirici Eğitimi, Yükseköğretim Kalite Kurulu, 2020

Quality Management, 2019 Kurumsal Dış Değerlendirme Programı Değerlendirici Eğitimi, Yükseköğretim Kalite Kurulu, 2019

Quality Management, 2018 Yılı Kurumsal Dış Değerlendirme Programı Değerlendirici Eğitimi, Yükseköğretim Kalite Kurulu, 2018

Industrial Rights, Intellectual Property Rights, Patent, Licensing, WIPO ACADEMY General Course on Intellectual Property, WIPO, 2010

Industrial Rights, Intellectual Property Rights, Patent, Licensing, Patent Vekilliği (Patent Attorney), Turkish Patent and Trademark Office (Türk Patent), 2009

Dissertations

Doctorate, Farklı toprak işleme sistemlerinin tarla trafiği ve toprak sıkışması yönünden karşılaştırılması, Ankara University, Fen Bilimleri Enstitüsü, Tarım Makineleri Ve Teknolojileri Mühendisliği (Dr), 1998

Postgraduate, Asma Tip Kulaklı Pullukların Teknik Parametrelerinin Belirlenmesi, Ankara University, Fen Bilimleri Enstitüsü, Tarım Makineleri Ve Teknolojileri Mühendisliği (YI) (Tezli), 1994

Research Areas

Engineering and Technology, Industrial Design

Academic Titles / Tasks

Professor, Gazi University, Mimarlık Fakültesi, Endüstriyel Tasarım, 2013 - Continues

Professor, Gazi University, Endüstriyel Sanatlar Eğitim Fakültesi, Endüstriyel Teknoloji Eğitimi, 2005 - 2013

Associate Professor, Gazi University, Endüstriyel Sanatlar Eğitim Fakültesi, Endüstriyel Teknoloji Eğitimi, 2002 - 2005

Expert, Technische Universitaet München, Institut Für Landtechnik, Lehrstuhl Für Agrarsystemtechnik, 1998 - 2000

Academic and Administrative Experience

YÖKAK Akademik Değerlendiricisi ve Takım Başkanı, Gazi University, Mimarlık Fakültesi, Endüstriyel Tasarım, 2017 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Gazi University, Mimarlık Fakültesi, Endüstriyel Tasarım, 2016 - 2019

Gazi University, Mimarlık Fakültesi, Endüstriyel Tasarım Bölümü, 2013 - 2019

Fakülte Yönetim Kurulu Üyesi, Gazi University, Mimarlık Fakültesi, 2013 - 2019

Fakülte Kurulu Üyesi, Gazi University, Mimarlık Fakültesi, 2013 - 2019

Gazi University, Fen Bilimleri Enstitüsü, Endüstri Ürünleri Tasarımı (YI) (Tezli), 2013 - 2019

Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Gazi University, 2016 - 2017

Ethics Committee Member, Gazi University, 2013 - 2016

Fakülte Yönetim Kurulu Üyesi, Gazi University, Endüstriyel Sanatlar Eğitim Fakültesi, 2007 - 2013

Gazi University, Fen Bilimleri Enstitüsü, Endüstriyel Teknoloji Eğitimi (YI) (Tezli), 2005 - 2013

Fakülte Kurulu Üyesi, Gazi University, Endüstriyel Sanatlar Eğitim Fakültesi, 2005 - 2013

Gazi University, Endüstriyel Sanatlar Eğitim Fakültesi, Endüstriyel Teknoloji Eğitimi Bölümü, 2005 - 2013

Gazi University, Endüstriyel Sanatlar Eğitim Fakültesi, Endüstriyel Teknoloji Eğitimi Bölümü, 2002 - 2013

Rektörlük Kalite Komisyonu Üyesi, Gazi University, Rektörlük, 2005 - 2010

Member of the Senate, Gazi University, Mimarlık Fakültesi, Endüstriyel Tasarım, 2006 - 2009

Bologna Uzmanları Ulusal Takımı Üyesi, 2007 - 2008

Gazi University, Rektörlük, 2006 - 2008

Gazi University, Endüstriyel Sanatlar Eğitim Fakültesi, Endüstriyel Teknoloji Eğitimi Bölümü, 2002 - 2005

Courses

Patent Mühendisliği, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Bilimsel Araştırma Yöntemleri ve Etik, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Ergonomi, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Product Design II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Tasarım Pratiği ve Fikri Sınai Haklar, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Engelliler için Tasarım, Undergraduate, 2020 - 2021, 2019 - 2020

Staj II, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Product Design I, Undergraduate, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Staj I, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Advising Theses

Yavuzcan H. G., Investigation of visual perception parameters in the interface interactions of low vision users on home electronics products, Doctorate, M.Ferit(Student), 2023

Yavuzcan H. G., Electronics knowledge in industrial design education and a method for learning, Doctorate, B.GÜR(Student), 2023

Yavuzcan H. G., Design of formative evaluation tool for design studio, Doctorate, Ö.SEVGÜL(Student), 2023

Yavuzcan H. G., Aktaş S., Analysis of biocomposite materials developed with mycelium and evaluation of usage areas, Doctorate, N.Hande(Student), 2022

Yavuzcan H. G., The correlation between planned obsolescence and industrial product design according to the brands: Vacuum cleaner sample, Postgraduate, M.SEHAN(Student), 2022

Yavuzcan H. G., Evaluation of sustainable product design practices in SMES in Turkey, Postgraduate, K.YETİM(Student), 2022

Yavuzcan H. G., Design Methodology Through Action Research and Haat Model: An Assistive Device Suggestion for Hard of Hearing People, Postgraduate, A.URUÇ(Student), 2020

YAVUZCAN H. G., Comparative evaluation of the development processes of the design market products and conventional product development processes, Postgraduate, S.YÜCEKULE(Student), 2019

Yavuzcan H. G., The Roles of Industrial Products Designers Working in Technology Based Sectors: Solution Proposals For Academic and Sectoral Problems, Postgraduate, G.BODUR(Student), 2019

YAVUZCAN H. G., A case study of outsourced industrial design processes and managing approaches for increasing the performance of the process, Postgraduate, B.GÜR(Student), 2017

Yavuzcan H. G., Digital Forensics Management System: A model proposal, Doctorate, M.ÖZEL(Student), 2015

Yavuzcan H. G., Co-Design Practice In Undergraduate Industrial Design Education, Postgraduate, Z.YALMAN(Student), 2015

Demirci R., Yavuzcan H. G., Analysis of medical images with adaptive region growing algorithm, Doctorate, M.OZAN(Student), 2014

Sözen A., Yavuzcan H. G., Numerical analysis of the effects of francis turbine design and blade angle on the constructional turbine parameters, Doctorate, S.KEÇEL(Student), 2013

Yavuzcan H. G., Toğay A., A web based project management model and application for industrial design projects, Doctorate, M.YORULMAZ(Student), 2013

Yavuzcan H. G., Yücesu H. S., Desing of stirling engine engine with tube heat exchanger and cfd analysis, Doctorate, M.ÖNDER(Student), 2012

YAVUZCAN H. G., Small and medium-sized enterprises integrated intelligent system for software development of solar panel design alternatives, Postgraduate, H.ÇÖVEN(Student), 2011

Yavuzcan H. G., HEMT (high electron mobility transistor) distortion analysis, Doctorate, L.GÖKREM(Student), 2009

Yavuzcan H. G., Developing model of electric poverty with solar cell at home in different areas of Turkey, Postgraduate, S.KEÇEL(Student), 2007

Yavuzcan H. G., Computer-aided design of horizontal axis wind turbine blade, Postgraduate, M.ÖNDER(Student), 2006

Yavuzcan H. G., The impacts of the energy politics on the sector and evaluation of the future targets, Postgraduate, H.ERDİ(Student), 2005

Yavuzcan H. G., Evaluation of strategies which are oriented towards the disposal and recycling of domestic and jobsite wastes into the energy in the province of Ankara, Postgraduate, M.ALİ(Student), 2005

Yavuzcan H. G., Application possibilities of energy agriculture in Turkey, Postgraduate, T.AŞÇI(Student), 2005

Yavuzcan H. G., Hydroelectric power plants and applications in Turkey, Postgraduate, M.ELÇİ(Student), 2004

Yavuzcan H. G., Factor energy distribution and observing automation application design, Postgraduate, A.AÇIKGÖZ(Student), 2004

Yavuzcan H. G., Nuclear energy technologies and its future in Turkey, Postgraduate, S.KANTEMİR(Student), 2003

Designed Programs

Yavuzcan H. G., Kutbay N. H., Undergraduate, Birbirinden Bağımsız Çoklu Diploma, European Interactive Industrial Design Studio, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Study Focused on Design Outsourcing in the Turkish Economy: Factors Affecting the Success of Design Projects**
YAVUZCAN H. G., Gur B.
DESIGN JOURNAL, vol.22, no.1, pp.29-49, 2019 (AHCI)
- II. **Automatic halva production band and prototype development**

Akkurt A., Celep G. S., Kurt A., Başak H., Şahin İ., Yavuzcan H. G.

JOURNAL OF FOOD PROCESS ENGINEERING, no.6, 2018 (SCI-Expanded)

- III. **An analytical analysis of Turkish digital forensics**
Ozel M., Bülbül H. İ., Yavuzcan H. G., Bay Ö. F.
DIGITAL INVESTIGATION, vol.25, pp.55-69, 2018 (SCI-Expanded)
- IV. **Francis Türbinlerinde Yönlendirme Kanat Açısının Çark Mukavemetine ve Türbin Verimine Etkisi**
SÖZEN A., KEÇEL S., YAVUZCAN H. G.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.29, no.2, pp.243-252, 2014 (SCI-Expanded)
- V. **Automatic segmentation of color images with transitive closure**
Incetas M. O., DEMİRCİ R., YAVUZCAN H. G.
AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol.68, no.3, pp.260-269, 2014 (SCI-Expanded)
- VI. **THE EFFECT OF THE ANGLE OF THE WICKET GATE ON TURBINE EFFICIENCY AND STRENGTH IN FRANCIS TYPE TURBINES**
SÖZEN A., KEÇEL S., YAVUZCAN H. G.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.29, no.2, pp.243-252, 2014 (SCI-Expanded)
- VII. **Digital forensics: An Analytical Crime Scene Procedure Model (ACSPM)**
Bülbül H. İ., Yavuzcan H. G., Ozel M.
FORENSIC SCIENCE INTERNATIONAL, vol.233, pp.244-256, 2013 (SCI-Expanded)
- VIII. **Temperature dependent Rolletti stability analysis of GaN HEMT**
Yildirim R., Yavuzcan H. G., Celebi F. V., Gokrem L.
Optoelectronics and Advanced Materials, Rapid Communications, vol.3, no.8, pp.781-786, 2009 (SCI-Expanded)
- IX. **Impacts of impregnation with imersol-aqua on the modulus of elasticity in bending**
Ors Y., Atar M., Keskin H., Yavuzcan H. G.
Journal of Applied Polymer Science, vol.99, no.6, pp.3210-3217, 2006 (SCI-Expanded)
- X. **Vulnerability of Bavarian silt loam soil to compaction under heavy wheel traffic: impacts of tillage method and soil water content**
Yavuzcan H. G., Matthies D., Auernhammer H.
SOIL & TILLAGE RESEARCH, vol.84, no.2, pp.200-215, 2005 (SCI-Expanded)
- XI. **Impact of impregnation and bleaching on the surface hardness of oak (Quercus petraea L.) wood**
Keskin H., Atar M., Yavuzcan H. G.
Journal of Applied Polymer Science, vol.93, no.2, pp.498-504, 2004 (SCI-Expanded)
- XII. **Varnish Layer Hardness of Oriental Beech Fagus orientalis Lipsky Wood As Affected by Impregnation and Color Bleaching**
Atar M., Keskin H., Yavuzcan H. G.
Journal of Coatings Technology (JCT), vol.1, no.3, pp.219-225, 2004 (SSCI)
- XIII. **Varnish layer hardness of oriental beech (Fagus orientalist L.) wood as affected by impregnation and bleaching**
Atar M., Keskin H., Yavuzcan H. G.
Journal of Coatings Technology and Research, vol.1, no.3, pp.219-224, 2004 (SCI-Expanded)
- XIV. **Soil strength as affected by tillage system and wheel traffic in wheat-corn rotation in central Anatolia**
Yavuzcan H. G., Vatandas M., Gurhan R.
JOURNAL OF TERRAMECHANICS, vol.39, no.1, pp.23-34, 2002 (SCI-Expanded)
- XV. **Effects of tillage system and traffic on soil properties**
Yavuzcan H. G.
AMA, Agricultural Mechanization in Asia, Africa and Latin America, vol.31, no.3, pp.24-30, 2000 (SCI-Expanded)
- XVI. **Wheel traffic impact on soil conditions as influenced by tillage system in Central Anatolia**
Yavuzcan H. G.

SOIL & TILLAGE RESEARCH, vol.54, pp.129-138, 2000 (SCI-Expanded)

XVII. Determination of considerable parameters affecting specific ploughing resistance

Güçlü Yavuzcan H. G.

Turkish Journal of Agriculture and Forestry, vol.21, no.4, pp.379-385, 1997 (SCI-Expanded)

Articles Published in Other Journals

- I. **How Electronics Knowledge Relates to Industrial Design Education**
Gür B., Yavuzcan H. G.
JOURNAL OF DESIGN & TECHNOLOGY EDUCATION, vol.28, no.1, pp.8-33, 2023 (Peer-Reviewed Journal)
- II. **A Conceptual Process Model Proposal for Visual Perception (VP) and Cognition in User-Product Interaction**
Aydın M. F., Yavuzcan H. G.
Gazi University Journal of Science Part B: Art Humanities Design and Planning, vol.11, no.1, pp.105-119, 2023 (Peer-Reviewed Journal)
- III. **The Effects of Planned Obsolescence Strategies on Dust Bagless Vacuum Cleaner Designs in the Local Market of Turkey**
Seyhan M., Yavuzcan H. G.
GU Journal of Science Part B, vol.10, no.4, pp.375-386, 2022 (Peer-Reviewed Journal)
- IV. **Producing a Composite Material Using Mushroom as Binder, Determining Its Ignition Time and Water Absorption**
Kutbay N. H., Yavuzcan H. G., Aktaş S.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, no.4, pp.1701-1711, 2022 (ESCI)
- V. **A RESEARCH ON SMEs IN TURKEY: SUSTAINABLE PRODUCT DESIGN PRACTICES AND ITS EFFECTS ON SMEs**
Yetim K., Yavuzcan H. G.
GU Journal Of Science Part B, vol.10, no.4, pp.361-373, 2022 (Peer-Reviewed Journal)
- VI. **Mantarın Bağlayıcı Olarak Kullanıldığı Bir Kompozit Malzemenin Üretilmesi ve Tutuşma Süresi ile Su Alma Özelliklerinin Tespiti**
Kutbay N. H., Yavuzcan H. G., Aktaş S.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.25, no.4, pp.1701-1711, 2022 (ESCI)
- VII. **Learning and Evaluation in the Design Studio**
Sevgül Ö., Yavuzcan H. G.
Gazi University Journal of Science Part B: Art Humanities Design and Planning, vol.10, no.1, pp.43-53, 2022 (Peer-Reviewed Journal)
- VIII. **Inquiry-based learning approach for a systematically structured conceptual design process: Design project for disabled people**
Yavuzcan H. G., Sevgül Ö., Beyhan F.
JOURNAL OF DESIGN & TECHNOLOGY EDUCATION, vol.26, no.3, pp.68-101, 2021 (Peer-Reviewed Journal)
- IX. **A Toolkit for Practice-Based Learning of Mechanisms in Industrial Design Education: An Application of a Method Combining Deductive and Inductive Learning**
YAVUZCAN H. G., GÜR B.
Design and Technology Education. An International Journal, vol.25, no.3, pp.47-68, 2020 (Peer-Reviewed Journal)
- X. **An Instructional Method for Social Design Education: A Design Project for Stray Animals Including Production Based Learning Approach**
Yavuzcan H. G., Şahin D., Yavuz C.
Design and Technology Education: An International Journal, vol.24, no.1, pp.33-63, 2019 (Peer-Reviewed Journal)
- XI. **Automatic Color Edge Detection with Similarity Transformation**
İncetas M. O., DEMİRCİ R., YAVUZCAN H. G.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.32, no.2, pp.458-469, 2019 (ESCI)

- XII. **DESIGN AWARDS AS A DESIGN PROMOTION ACTIVITY: INTERNATIONAL DESIGN AWARDS**
Şahin D., Çalgüner A., Yavuzcan H. G.
GAZI UNIVERSITY JOURNAL OF SCIENCE Part B: ART, HUMANITIES, DESIGN AND PLANNING, vol.6, no.1, pp.45-55, 2018 (Peer-Reviewed Journal)
- XIII. **Action Reflected and Project Based Combined Methodology for the Appropriate Comprehension of Mechanisms in Industrial Design Education**
Yavuzcan H. G., Şahin D.
Design and Technology Education: an International Journal, vol.22, no.3, pp.76-104, 2017 (Peer-Reviewed Journal)
- XIV. **Examination of Flow Effects in Francis Turbine Models with Different Numbers of Rotor Blades**
KEÇEL S., YAVUZCAN H. G., SÖZEN A.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.20, no.1, pp.241-249, 2017 (ESCI)
- XV. **Determination of the Effect of the Angle of the Wicket Gate on Turbine Efficiency in Francis Type Turbines by CFD Analysis**
SÖZEN A., KEÇEL S., YAVUZCAN H. G.
INTERNATIONAL JOURNAL OF FLUID MECHANICS RESEARCH, vol.42, no.1, pp.1-12, 2015 (ESCI)
- XVI. **Sanayi Tipi Güneş Takip Sistemli Fotovoltaik Panel Sistem Performansının Sayısal Olarak İncelemesi Ve Güneşlenme Faktör Hesabı**
Keçel S., Önder M., Yavuzcan H. G.
Gazi Mühendislik Bilimleri Dergisi, vol.1, no.3, pp.337-358, 2014 (Peer-Reviewed Journal)
- XVII. **Yatık Ağız Açma ve Kalibre Etme Makinasının Yapısal Analizi ve Ağırlık Optimizasyonu**
Yavuzcan H. G., Önder M., Keçel S., Akkurt A., Korkmaz S.
Gazi Üniversitesi Fen Bilimleri Dergisi, vol.3, no.3, pp.555-564, 2014 (Peer-Reviewed Journal)
- XVIII. **A Web Based Management System And Its Application For Student Design Projects**
MUHAMMED Y., YAVUZCAN H. G., TOĞAY A.
JOURNAL OF EDUCATIONAL AND INSTRUCTIONAL STUDIES IN THE WORLD, vol.2, no.26, pp.203-215, 2012 (Peer-Reviewed Journal)
- XIX. **TÜRKİYEDEKİ BÖLGESEL SICAKLIK DEĞİŞİMLERİNİN GÜNEŞ PANELLERİNİN VERİMLİLİĞİNE ETKİSİ**
KEÇEL S., YAVUZCAN H. G.
Gazi Üniversitesi Endüstriyel Sanatlar Eğitim Fakültesi, no.22, pp.12, 2008 (Peer-Reviewed Journal)
- XX. **Impact of impregnation with boron compounds on the bonding strength of some wood materials**
ATAR M., KESKİN H., YAVUZCAN H. G.
Cost Action E34 International, vol.1, pp.61-70, 2007 (Peer-Reviewed Journal)
- XXI. **Investigations on Working Resistance of Model Plough Bodies in The Soil Bin**
Yavuzcan H. G.
Annals of Warsaw University of Life Sciences, no.33, pp.3-8, 1998 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **EINSTUDIO: Design Achievements (European Interactive Industrial Design Studio-2nd Phase Book)**
Yavuzcan H. G. (Editor)
European Union : Europa , Lisbon, 2024
- II. **Design and Deveopment**
Yavuzcan H. G., Kutbay N. H.
in: EINSTUDIO: Design Achievements (European Interactive Industrial Design Studio-2nd Phase book), Prof. Dr. H. Güçlü YAVUZCAN, Editor, European Union : Europa , Lisbon, pp.51-298, 2024
- III. **Final Designs and Feedback**
Yavuzcan H. G., Kutbay N. H.
in: EINSTUDIO: Design Achievements (European Interactive Industrial Design Studio-2nd Phase Book), Prof. Dr. H. Güçlü YAVUZCAN, Editor, European Union : Europa , Lisbon, pp.299-328, 2024
- IV. **EINSTUDIO: A DESIGN JOURNEY ACROSS COUNTRIES EUROPEAN INTERACTIVE INDUSTRIAL DESIGN**

STUDIO – 1ST PHASE BOOK

Yavuzcan H. G. (Editor)

European Union : Europa , Lisbon, 2023

- V. **FIRST PHASE OF THE JOINT COURSE**
Londrim J., Yavuzcan H. G., Kutbay N. H.
in: EINSTUDIO: A DESIGN JOURNEY ACROSS COUNTRIES EUROPEAN INTERACTIVE INDUSTRIAL DESIGN STUDIO – 1ST PHASE BOOK, YAVUZCAN, HÜSEYİN GÜÇLÜ, Editor, European Commission, Lisbon, pp.22-30, 2023
- VI. **Design and Development**
GÜR B., YAVUZCAN H. G.
in: EINSTUDIO: A DESIGN JOURNEY ACROSS COUNTRIES EUROPEAN INTERACTIVE INDUSTRIAL DESIGN STUDIO – 1ST PHASE BOOK, YAVUZCAN, HÜSEYİN GÜÇLÜ, Editor, European Commission, Lisbon, pp.30-173, 2023
- VII. **Innovative Approaches for Evaluation in Design Studio Education**
SEVGÜL AYTAR Ö., YAVUZCAN H. G.
in: INNOVATIVE APPROACHES IN PLANNING and DESIGN, Arzu ALTUNTAŞ, Editor, İksad International Publishing Houze, İstanbul, pp.247-264, 2023
- VIII. **ABOUT EINSTUDIO**
YAVUZCAN H. G.
in: EINSTUDIO: A DESIGN JOURNEY ACROSS COUNTRIES EUROPEAN INTERACTIVE INDUSTRIAL DESIGN STUDIO – 1ST PHASE BOOK, YAVUZCAN, HÜSEYİN GÜÇLÜ, Editor, European Commission, Lisbon, pp.4-14, 2023
- IX. **KOBİ Dijital Eğitim Koçları Rehberi**
Yavuzcan H. G., Kutbay N. H., Krauss A., Valente T.
European Union : Europa , Birmingham, 2022
- X. **DIGIVET Dijital Öğrenmede Yetkinlik Matrisi ve Politika Önerileri**
Yavuzcan H. G., Kutbay N. H., Krauss A., Valente T.
European Union : Europa , Birmingham, 2022
- XI. **Design Research for Social İnnovation**
Yavuzcan H. G. (Editor), Öztürk N. N. (Editor)
Artikel Akademi, İstanbul, 2021
- XII. **DESIGN FOR THE CIRCULAR ECONOMY: A CASE STUDY WITH INDUSTRIAL DESIGN STUDENTS**
SEVGÜL Ö., YAVUZCAN H. G., EREN G. H.
in: Design Research for Social Innovation, H. GÜÇLÜ YAVUZCAN, NAZMİYE NAZ ÖZTÜRK, Editor, Artikel Akademi, pp.59-82, 2021
- XIII. **DESIGN METHODOLOGY THROUGH ACTION RESEARCH AND HAAT MODEL: AN ASSISTIVE DEVICE DESIGN**
URUÇ A., YAVUZCAN H. G.
in: Design Research for Social Innovation, H. GÜÇLÜ YAVUZCAN, NAZMİYE NAZ ÖZTÜRK, Editor, Artikel Akademi, pp.83-98, 2021
- XIV. **Training Handbook for Multipliers Facilitating Self Learning of Language Competencies in Tourism**
Yavuzcan H. G. (Editor)
European Union : Europa , Lisbon, 2020
- XV. **Ankara Engel Tanımaz Projesi Sonuç Kitabı**
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- XVI. **Departmental self-evaluation and quality improvement process**
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- I. **Low Vision Users in Product-User Interaction: Examining the Effects of Visual Perception Patterns on Quality of Experience (QoX)**
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- II. **Examination of Current Practices of Mycelium Based Materials in Design And Architecture**
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- III. **Classification and Definitions of Sustainability Terms**
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- IV. **Endüstriyel Tasarımda Elektronik Yaklaşım**
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- XL. **Çağdaş Teknoloji Eğitimi Modeli Ve Bu Modele Uygun Bilgisayar Destekli Öğretim Materyalleri Geliştirilmesi**
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Supported Projects

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YAVUZCAN H. G., YÜCEKULE S., KUTBAY N. H., Project Supported by Higher Education Institutions, Avrupa Tasarım
Stüdyosu EINSTUDIO bünyesinde Sanal Gerçeklik Ortamında Yürütülen Tasarım Süreçlerinin Geleneksel Tasarım
Süreçleriyle Karşılaştırılması ve Değerlendirilmesi, 2024 - Continues
Yavuzcan H. G., Kutbay N. H., Şık A., Önder M., Yücekule S., Erasmus Project, Sustainable rural regions through women
social agripreneurship and social farming (SOFAR) , 2023 - 2025
Yavuzcan H. G., Kutbay N. H., Beyhan F., Şık A., Önder M., Yücekule S., Akdaş D., Erasmus Project, EUROPEAN
INTERACTIVE INDUSTRIAL DESIGN STUDIO (EINSTUDIO), 2022 - 2024
YAVUZCAN H. G., AKTAŞ S., KUTBAY N. H., Project Supported by Higher Education Institutions, Miselyum Bağlayıcı
Kompozit Malzeme Geliştirme ve Geliştirilen Malzemenin Analizi, 2021 - 2022
Yavuzcan H. G., Kutbay N. H., Şık A., Çıbık A. B., İçöz G., Erasmus Project, "Digital Media for VET in SMEs: Online learning of
digital media competences for SMEs to empower workplace learning (DigiVET), 2019 - 2022
Yavuzcan H. G., Çıbık A. B., Kutbay N. H., Akdaş D., İçöz G., Erasmus Project, "Data Skills for International Development
Careers (DataSkills), 2019 - 2022
Yavuzcan H. G., Güçer E., Kutbay N. H., Kızanlıklı M. M., Toğay A., Akdaş D., Erasmus Project, Interactive and Mobile
Adapted Learning Tool to Improve the Level of Technical English for Employees in Tourism. AB Erasmus Stratejik
Ortaklık Projesi (2017-1-TR01-KA202-045781), 2018 - 2020
Yavuzcan H. G., Güçer E., Kızanlıklı M. M., Erasmus Project, Self Responsible Learning of Key Competences in Tourism
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YAVUZCAN H. G., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Öncü Ankara Entegre Engelli Sporcu
Destek Birimi Projesi (Ankara Kalkınma Ajansı Sosyal Kalkınma Programı TR51 14 SOSKA 0061), 2014 - 2016
Yavuzcan H. G., Kutbay N. H., Toğay A., Erasmus Project, Interactive Learning Tool for Improving the Level of Technical
Language of English for Sports Coaches Referees and Managers, 2013 - 2016
Yavuzcan H. G., Akkurt A., TUBITAK Project, Akıllı Kurumsal Kokulandırma Parfümlene Makinası Tasarım ve Prototip
İmalatı TÜBİTAK 1505 Projesi No 5145034, 2015 - 2015
Yavuzcan H. G., Akkurt A., Önder M., Keçel S., TUBITAK Project, Jant Kasnağının Teknolojik Yatık Ağız Açma ve Kalibre
Edilme Makinasının Tasarlanması ve Prototipinin Üretimi, 2012 - 2015
YAVUZCAN H. G., Project Supported by Higher Education Institutions, Gölbaşı Bölgesi için Düşük Rüzgâr Hızlarında
Çalışabilecek Rüzgâr Türbinine Uygun Kanat Tasarımı ve Performans Testleri, 2011 - 2015
YAVUZCAN H. G., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Ankara Engel Tanımaz Ankara Kalkınma
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YAVUZCAN H. G., Project Supported by Higher Education Institutions, Isı değiştiricisi içerisindeki periyodik kütle akışının
deneysel ve sayısal incelenmesi, 2010 - 2014
Yavuzcan H. G., Akkurt A., Önder M., Keçel S., TUBITAK Project, Helva Yoğurma ve Soğutma Bandı Tasarım ve Geliştirme
Projesi, 2010 - 2013
Yavuzcan H. G., Keçel S., Önder M., TUBITAK Project, Küçük ve Orta Ölçekli İşletmelerde Güneş Paneli Tasarım
Alternatiflerine Yönelik Bütünleşik Akıllı Sistem Yazılımı Geliştirilmesi SAN TEZ Projesi, 2009 - 2012
Yavuzcan H. G., EU Supported Other Project, Quality Assurance for the Higher Education Change Agenda QAHECA, 2009 -
2010
Yavuzcan H. G., TÜBİTAK - AB COST Project, Bonding of Timber ESF COSTE34 Aksiyonu, 2007 - 2008
Yavuzcan H. G., Toğay A., Demirci A., Erasmus Project, New Approaches in Technology Training Development and
Integration of European Modules in Technology Education AB Leonardo da Vinci Pilot Projesi, 2005 - 2007
Yavuzcan H. G., Erasmus Project, Improving Achievement and Quality in Technology Education Training Through New
Methods and ICT, 2004 - 2005
Yavuzcan H. G., Erasmus Project, Continuing Technology Education as Work Based learning Through New Methods and
ICT, 2004 - 2005
Yavuzcan H. G., Universities of Other Countries Supported Project, Development of a Potential Soil Compaction Index
with respect to Various Efficient Parameters in Sugarbeet Production, 1999 - 2000
Yavuzcan H. G., NATO Supported Research Project, Impacts of Different Soil and Plough Body Parameters on the
Ploughing Resistance, 1996 - 1996

Patent

Yavuzcan H. G., AFET SONRASI YERLEŞİM ALANLARI İÇİN ÇOK FONKSİYONLU YATAK, Utility Model, CHAPTER A Human Needs, The Invention Registration Number: 2021 006038 , Standard Registration, 2022
Yavuzcan H. G., AFET SONRASI ÇADIRKENTLER İÇİN MUTFAK SETİ, Utility Model, CHAPTER A Human Needs, The Invention Registration Number: 2021 006037 , Standard Registration, 2022
Yavuzcan H. G., Pratik hasat makası, Utility Model, CHAPTER A Human Needs, The Invention Registration Number: 2020 09088 , Standard Registration, 2022
Yavuzcan H. G., Akkurt A., Helva karıştırma, yoğurma, şekillendirme ve soğutma bandı, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2014/04829 , Standard Registration, 2020
Yavuzcan H. G., Akkurt A., Yatay Sivama/şekil verme presi, Utility Model, CHAPTER B Implementation of Operations; Transport, The Invention Registration Number: 2013 10205 , Standard Registration, 2014

Metrics

Publication: 117
Citation (WoS): 151
Citation (Scopus): 156
H-Index (WoS): 7
H-Index (Scopus): 8

Congress and Symposium Activities

Training and Cooperation Activity (TCA) European Commission, Invited Speaker, Praha, Czech Republic, 2023
9. Uluslararası Eğitim Denetimi Kongresi, Invited Speaker, Antalya, Turkey, 2017
3rd International Conference on New Trends in Education and Their Implications, Invited Speaker, Antalya, Turkey, 2012
Quality Assurance for the Higher Education Change Agenda (EUA), Invited Speaker, Dublin, Ireland, 2009

Scholarships

Misafir Öğretim Üyesi Programı, YOK, 2011 - 2011
AvH Fellowship, Humboldt Program, 2008 - 2008
AvH Fellowship, Humboldt Program, 2004 - 2004
AvH Fellowship, Humboldt Program, 1998 - 2000
NATO-A2, TUBITAK, 1996 - 1996

Awards

Yavuzcan H. G., Utility Model Award, Gazi Üniversitesi, December 2023
Yavuzcan H. G., Akkurt A., Patent Award, Gazi Üniversitesi, July 2021
Yavuzcan H. G., Project Award, Gazi Üniversitesi, July 2020
Yavuzcan H. G., Scientific Publication Award, Tübitak, July 2019
Yavuzcan H. G., Şahin D., Yavuz C., Science Award, Inglobe Kongre Platformu, April 2017
Yavuzcan H. G., Anadolu Buluşçular Derneği Özel Ödülü, İstanbul Uluslararası Buluş Fuarı, February 2016
Yavuzcan H. G., Intellectual Property Award, Inventarium Science, February 2016
Yavuzcan H. G., Pfizer - HÜ - IPTS Intellectual Property Research Award, Pfizer, October 2008
Yavuzcan H. G., Bilimsel Yayınları Teşvik Ödülü, Tübitak, April 2007
Yavuzcan H. G., Helsinki Awards (50 Successful Stories), European Commission, December 2006

Yavuzcan H. G., Bilimsel Yayınları Teşvik Ödülü, Tübitak, April 2006
Yavuzcan H. G., Bilimsel Yayınları Teşvik Ödülü, Tübitak, April 2005
Yavuzcan H. G., Bilimsel Yayınları Teşvik Ödülü, Tübitak, April 2004
Yavuzcan H. G., Bilimsel Yayınları Yayın Teşvik Ödülü, Tübitak, October 2002

Representation and Promotion Activities

Institutional Representation, Selçuk Üniversitesi, Turkey, Konya, 2021 - 2021
Institutional Representation, İstanbul Ticaret Üniversitesi, Turkey, İstanbul, 2021 - 2021
Institutional Representation, Karamanoğlu Mehmet Bey Üniversitesi, Turkey, Karaman, 2019 - 2019
Institutional Representation, İstanbul Ticaret Üniversitesi, Turkey, İstanbul, 2018 - 2018
Institutional Representation, Gebze Teknik Üniversitesi, Turkey, İstanbul, 2017 - 2017

Non Academic Experience

Professional Organization, ZİDEK, Ziraat Fakülteleri Eğitim Programları Değerlendirme ve Akreditasyon Derneği
YÜKSEKÖĞRETİM KURULU BAŞKANLIĞI
European Commission, EACEA, EACEA
AB Komisyonu Yürütme Ajansı (EACEA, Brüksel)
Mississippi State University, Bagley College of Engineering
TÜRK İŞBİRLİĞİ VE KOORDİNASYON AJANSI BAŞKANLIĞI
TÜRK İŞBİRLİĞİ VE KALKINMA İDARESİ
Technische Universität München