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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABB-4739-2020

ScopusID: 55325818600

Yoksis Researcher ID: 152950

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Yapı Bilimleri (Dr), Turkey 1997 - 2006

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Yapı Bilgisi (Yl) (Tezli), Turkey 1995 - 1997

Undergraduate, Istanbul Technical University, Mimarlık Fakültesi, Mimarlık Bölümü, Turkey 1991 - 1995

Foreign Languages

English

Research Areas

Architecture

Academic Titles / Tasks

Associate Professor, Istanbul Technical University, Mimarlık, Mimarlık, 2015 - Continues

Research Assistant PhD, Istanbul Technical University, Mimarlık, Mimarlık, 2006 - 2015

Research Assistant, Istanbul Technical University, Mimarlık, Mimarlık, 1998 - 2006

Academic and Administrative Experience

Deputy Head of Department, Istanbul Technical University, Mimarlık, Mimarlık, 2022 - 2023

Courses

Building and Construction in Architecture, Undergraduate, 2023 - 2024, 2018 - 2019

Users' Requirements and Built Environment Standards, Postgraduate, 2017 - 2018, 2016 - 2017

Mimarlıkta Teknoloji - İleri Teknolojik Çalışmalar, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

Jury Memberships

Competition, ICBEST 2017 Istanbul - Student Design Competition - Ten Facades for the future, Int. Conf. on Building Envelope Systems and Technologies 2017 İstanbul kapsamında, May, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A database approach to examine the relation between function and interventions in the adaptive reuse of industrial heritage**
Cakir H. Y., Edis E.
JOURNAL OF CULTURAL HERITAGE, vol.58, pp.74-90, 2022 (SCI-Expanded)
- II. **Product innovation types: a discussion considering building facade products**
Sezegen A., Edis F. E.
ENGINEERING CONSTRUCTION AND ARCHITECTURAL MANAGEMENT, vol.27, no.9, pp.2379-2408, 2020 (SCI-Expanded)
- III. **Quasi-quantitative infrared thermographic detection of moisture variation in facades with adhered ceramic cladding using principal component analysis**
Edis E., Flores-Colen I., de Brito J.
BUILDING AND ENVIRONMENT, vol.94, pp.97-108, 2015 (SCI-Expanded)
- IV. **Time-Dependent Passive Building Thermography for Detecting Delamination of Adhered Ceramic Cladding**
Edis E., Flores-Colen I., De Brito J.
JOURNAL OF NONDESTRUCTIVE EVALUATION, vol.34, no.3, 2015 (SCI-Expanded)
- V. **Building Thermography: Detection of Delamination of Adhered Ceramic Claddings Using the Passive Approach**
Edis E., Flores-Colen I., De Brito J.
JOURNAL OF NONDESTRUCTIVE EVALUATION, vol.34, no.1, 2015 (SCI-Expanded)
- VI. **An environmental and economic sustainability assessment method for the retrofitting of residential buildings**
Çetiner İ., Edis E.
ENERGY AND BUILDINGS, vol.74, pp.132-140, 2014 (SCI-Expanded)
- VII. **Passive thermographic detection of moisture problems in facades with adhered ceramic cladding**
Edis E., Flores-Colen I., de Brito J.
CONSTRUCTION AND BUILDING MATERIALS, vol.51, pp.187-197, 2014 (SCI-Expanded)
- VIII. **Determination of hygrothermal performance of building envelope by computer simulation Bina kabugunun nemsiz-isil performansinin bilgisayar benzetimi ile belirlenmesi**
Edis E., Kus H.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.29, no.2, pp.311-320, 2014 (SCI-Expanded)
- IX. **Passive Thermographic Inspection of Adhered Ceramic Claddings: Limitation and Conditioning Factors**
Edis E., Flores-Colen I., de Brito J.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.27, no.6, pp.737-747, 2013 (SCI-Expanded)
- X. **Assessing the effect of facade variations on post-construction period environmental sustainability of residential buildings**
Çetiner İ., EDIS E.
SUSTAINABLE CITIES AND SOCIETY, vol.6, pp.68-76, 2013 (SCI-Expanded)
- XI. **Hot box measurements of pumice aggregate concrete hollow block walls**
Kuş H., Ozkan E., Gocer O., Edis E.
CONSTRUCTION AND BUILDING MATERIALS, vol.38, pp.837-845, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **ASSESSMENT OF SYNCHRONOUS ONLINE ARCHITECTURE EDUCATION FROM STUDENTS' PERSPECTIVE**
Altıntaş Kaptan M., Edis F. E., Ünlü G. A.
TURKISH ONLINE JOURNAL OF DISTANCE EDUCATION, vol.24, no.4, pp.50-76, 2023 (ESCI)
- II. **Sustaining modern heritage buildings: visual defect categorisation guides for the general condition survey of rendered-painted facades**
Ertemir D. Y., Edis E.
INTERNATIONAL JOURNAL OF BUILDING PATHOLOGY AND ADAPTATION, vol.41, no.3, pp.606-624, 2023 (ESCI)
- III. **Durability of external thermal insulation composite systems in Istanbul Turkey İstanbul'da uygulanan dış cephe ısı yalıtım sisteminin dayanıklılığının değerlendirilmesi**
Edis E., Türkeri N.
A/Z ITU Journal of the Faculty of Architecture, vol.9, no.1, pp.134-138, 2012 (Scopus)
- IV. **Örme Duvar Ürünlerinin Yaşan dönemi Değerlendirmesi – Hafif Beton Bloklar**
Edis F. E., Kuş H., Özkan E.
Mimarlıkta Malzeme, no.11, pp.76-82, 2009 (Peer-Reviewed Journal)
- V. **Mimari Yapısal Öğelerin Tasarımında 'Teknoloji – Tasarım' Etkileşimi**
Edis F. E., Özkan E.
itüdergisi/a – mimarlık, planlama, tasarım, vol.6, no.1, pp.31-42, 2007 (Peer-Reviewed Journal)
- VI. **Dossier Editorial – Technological Innovations and Design**
Tanaçan L., Ünlü G. A., Edis F. E.
A-Z ITU Journal of Faculty of Architecture, vol.3, pp.1-4, 2006 (Scopus)

Supported Projects

Edis F. E., Project Supported by Higher Education Institutions, Hareketli Gölgeleme Bileşenlerinde Eyleyici Olarak Şekil Hafızalı Alaşım Kullanım Olanaklarının İncelenmesi, 2022 - 2023

Ünlü A., Edis F. E., Uz F., Çelik O. C., Salman S. Y., Kaya Ç., Altıntaş Kaptan M., Erasmus Project, Reuse of Modernist Buildings (RMB) - Design Tools for Sustainable Transformations, 2016 - 2019

Edis F. E., Çetiner İ., TUBITAK Project, İSTANBUL DAKİ MEVCUT KONUT STOĞUNUN BİNA ELEMANLARI ÖLÇEĞİNDE KULLANIM SÜRECİ ÇEVRESEL VE EKONOMİK SÜRDÜRÜLEBİLİRLİĞİNİN DEĞERLENDİRİLMESİ VE İYİLEŞTİRME ÖNERİLERİ GELİŞTİRİLMESİ, 2009 - 2011

Kuş H., Edis F. E., TUBITAK Project, Pomza Taşı Agregalı Beton Bloklarla Yapılan Dış Duvarların Isıl ve Nemsal Performansı, Yaşam Dönemi Enerji Ekonomik Etkinliği, 2008 - 2010

Memberships / Tasks in Scientific Organizations

CIB World - W086 Building Pathology Working Group, Member, 2014 - Continues

Scientific Refereeing

Building and Environment, SCI Journal, October 2018

Construction and Building Materials, SCI Journal, January 2018

Journal of Building Engineering , Other Indexed Journal, December 2017

Journal of Building Engineering, Other Indexed Journal, September 2017

Construction and Building Materials, SCI Journal, August 2017

Journal of Nondestructive Evaluation, SCI Journal, April 2017

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, March 2017
Construction and Building Materials, SCI Journal, February 2017
Natural Resources Forum, SCI Journal, September 2016
Journal of Building Engineering, Other Indexed Journal, February 2016
Indoor and Built Environment , SCI Journal, September 2015
Journal of Civil Engineering and Construction Technology , Other journals, June 2015

Metrics

Publication: 55
Citation (WoS): 150
Citation (Scopus): 272
H-Index (WoS): 7
H-Index (Scopus): 8

Congress and Symposium Activities

Integrated Design Conference ID@50 (Bath University), Session Moderator, Bristol, United Kingdom, 2016

Scholarships

Time dependant thermographic inspection of adhered ceramic claddings, TUBITAK, 2013 - 2013
Diagnosis of building exterior wall failures by in situ inspection techniques – Inspection of facades with adhered ceramic cladding”, TUBITAK, 2009 - 2010