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Yoksis Araştırmacı ID: 190679

Eğitim Bilgileri

- I. Doktora, Technische Universiteit Delft, Architecture, Building Technology , Hollanda 2006 - 2010
- II. Yüksek Lisans, Carnegie Mellon University, Mimarlık, School of Architecture, Amerika Birleşik Devletleri 2002 - 2005
- III. Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Mimarlık Fakültesi, Mimarlık Bölümü, Türkiye 2000 - 2002
- IV. Lisans, Gazi Üniversitesi, Mimarlık Fakültesi, Mimarlık Bölümü, Türkiye 1996 - 2000

Yabancı Diller

- I. Flemenkçe, A1 Başlangıç
- II. İngilizce, C1 İleri

Yaptığı Tezler

- I. Doktora, CLIP. Computational Support for Lifecycle Integral. Building Performance Assessment., Delft University Of Technology, Building Technology Department, 2010
- II. Yüksek Lisans, The Limits of virtuality in space: The transformative relations between immateriality and architecture, Orta Doğu Teknik Üniversitesi, Mimarlık Fakültesi, Mimarlık Bölümü, 2002

Araştırma Alanları

Yapıların Performansı, Mimarlık, Bina Tasarımı, Fiziksel Çevre Kontrolü, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

- I. Prof. Dr., Orta Doğu Teknik Üniversitesi, Mimarlık Fakültesi, Mimarlık Bölümü, 2024 - Devam Ediyor
- II. Doç. Dr., Orta Doğu Teknik Üniversitesi, Mimarlık Fakültesi, Mimarlık Bölümü, 2019 - 2024
- III. Yrd. Doç. Dr., Orta Doğu Teknik Üniversitesi, Mimarlık Fakültesi, Mimarlık Bölümü, 2011 - 2018

Akademik İdari Deneyim

- I. Enstitü Yönetim Kurulu Üyesi, Orta Doğu Teknik Üniversitesi, Rektörlük, Rektörlük, 2020 - Devam Ediyor

Verdiği Dersler

- I. Climate change and the Built Environment, Yüksek Lisans, 2021 - 2022
- II. Performative Architectural Lab, Lisans, 2020 - 2021
- III. DIRECTED STUDIES IN ENVIRON. DESIGN I, Yüksek Lisans, 2018 - 2019, 2017 - 2018
- IV. BASIC DESIGN, Lisans, 2018 - 2019
- V. M.ARCH THESIS IN ARCHITECTURE, Yüksek Lisans, 2018 - 2019
- VI. DIGITAL MEDIA IN ARCHITECTURE I, Lisans, 2018 - 2019
- VII. INTRODUCTION TO ARCHITECTURAL DESIGN, Lisans, 2017 - 2018

Yönetilen Tezler

- I. Gürsel Dino I., Analyzing thermal comfort of transitional spaces through climate-responsive design solutions, Yüksek Lisans, Ü.NUR(Öğrenci), 2023
- II. Gürsel Dino I., Akgül Ç., Climate change impact on a 3D printed concrete building, Yüksek Lisans, F.SİNAN(Öğrenci), 2023
- III. Gürsel Dino I., Kalkan S., Urban scale prediction of indoor daylighting illumination for sustainable buildings, Yüksek Lisans, İ.CANLI(Öğrenci), 2022
- IV. Gürsel Dino I., Akgül Ç., Global Sensitivity Analysis for Urban Heat Island Effect: A Case Study in a Residential Neighbourhood in Ankara, Turkey, Yüksek Lisans, B.ÇAKIR(Öğrenci), 2022
- V. Gürsel Dino I., Baş Bütüner F., Nature-based design for water-sensitive cities: A street-scale computational approach, Yüksek Lisans, A.CAN(Öğrenci), 2022
- VI. Gürsel Dino I., DECODING CITY SQUARES WITH BIG DATA: A METHOD FOR URBAN ANALYTICS, Yüksek Lisans, A.ÖZEN(Öğrenci), 2022
- VII. Gürsel Dino I., Akgül Ç., A data-driven approach for predicting solar energy potential of buildings in urban fabric, Yüksek Lisans, A.DURAN(Öğrenci), 2022
- VIII. Gürsel Dino İ., THE EFFECTS OF PERFORMANCE-BASED DESIGN TOOLS ON DESIGN THINKING PROCESS, Yüksek Lisans, G.GÖRGÜN(Öğrenci), 2022
- IX. Gürsel Dino İ., AN INVESTIGATION INTO BUILDING OCCUPANT BEHAVIOR OF DIFFERENT HOUSEHOLD TYPOLOGIES IN ARCHITECTURE, Yüksek Lisans, M.İPEK(Öğrenci), 2022
- X. Gürsel Dino İ., Computational urban analytics for walkability: Çankaya, Ankara case, Yüksek Lisans, S.İREM(Öğrenci), 2021
- XI. Gürsel Dino İ., An integrated computational framework for natural ventilation and airborne contaminant dispersion analysis in architectural design, Doktora, G.MERİN(Öğrenci), 2021
- XII. Gürsel Dino İ., Sürer E., Immersive Design Environments for Performative Architectural Design: A BIM-Based Approach, Yüksek Lisans, Ş.AKIN(Öğrenci), 2020
- XIII. Gürsel Dino İ., Sürer E., The Influence of Emergent Mixed-Reality Technologies on Design Thinking, Yüksek Lisans, H.CEREN(Öğrenci), 2019
- XIV. Sürer E., Gürsel Dino İ., Developing Building Information Modelling Based Virtual Reality and Mixed Reality Environments for Architectural Design and Improving User Interactions with Serious Games, Yüksek Lisans, O.Ergün(Öğrenci), 2019
- XV. Gürsel Dino I., ÇAKMAKLI A. B., SUSTAINABILITY IN ARCHITECTURAL EDUCATION: THE IMPACT OF EDUCATION ON PERCEPTIONS OF SUSTAINABILITY, Yüksek Lisans, A.NİLÜFER(Öğrenci), 2019
- XVI. Gürsel Dino I., FREE FORM ARCHITECTURE AND INTERIOR SPACE: A CRITICAL ANALYTICAL APPROACH, Yüksek Lisans, S.YILMAZ(Öğrenci), 2019
- XVII. Gürsel Dino I., COMPUTATIONAL DESIGN LEARNING: THE SMARTGEOMETRY CASE, Yüksek Lisans,

- Ö.NUR(Öğrenci), 2019
- XXVIII. GÜRSEL DİNO İ., Mimari arařtırmalar gündemi üzerine keřifsel veri analizi çalışması., Yüksek Lisans, B.Ekinci(Öğrenci), 2019
- XIX. Gürsel Dino I., MAP-MAKING AS A WALKING-BASED SPATIAL PRACTICE IN ARCHITECTURE, Yüksek Lisans, S.ÖZCİVANOĞLU(Öğrenci), 2019
- XX. GÜRSEL DİNO İ., Uzak mimarlığı üzerine bir araştırma: tasarım kriterleri ve tasarım süreci, Yüksek Lisans, E.Yeğen(Öğrenci), 2019
- XXI. Gürsel Dino I., Yoncaci Arslan P., Bunker-scape: Defense Architecture in Gallipoli Peninsula, Yüksek Lisans, C.ARIKBOĞA(Öğrenci), 2019
- XXII. Gürsel Dino İ., An exploratory data analysis on architectural research agenda, Yüksek Lisans, B.EKİNCİ(Öğrenci), 2019
- XXIII. Gürsel Dino I., Akgül Ç., Architectural Design for Climate Change Mitigation and Adaptation Strategies in Existing Buildings, Yüksek Lisans, G.AKKÖSE(Öğrenci), 2019
- XXIV. Gürsel Dino I., Çakmaklı A. B., COLLABORATIVE WORKING SPACES: PROJECT ECOLOGIES AND MEANS OF INTERACTION AND COLLABORATION, Yüksek Lisans, S.ERTAN(Öğrenci), 2019
- XXV. GÜRSEL DİNO İ., Performance-based facades: Retrofit strategies for energy efficiency and comfort in existing office buildings, Yüksek Lisans, N.JAHED(Öğrenci), 2018
- XXVI. GÜRSEL DİNO İ., Performative Design Thinking in Architectural Practice, Yüksek Lisans, C.ATAMAN(Öğrenci), 2018
- XXVII. GÜRSEL DİNO İ., An interactive computational approach to 3D layout design of single-family houses by evolutionary algorithms, Yüksek Lisans, A.SAKARYALI(Öğrenci), 2017
- XXVIII. GÜRSEL DİNO İ., A computational method for the design exploration and optimization of daylighting performance of museum buildings, Yüksek Lisans, M.FOOLADY(Öğrenci), 2017
- XXIX. GÜRSEL DİNO İ., BAYKAN A. C., Visual structures for generative design search spaces, Yüksek Lisans, G.MERİN(Öğrenci), 2014

Tasarladığı Dersler

- I. Gürsel Dino I., Performative Architecture Lab, Yüksek Lisans, 2017 - 2018
- II. Gürsel Dino I., Generative Design in Architecture, Lisans, 2013 - 2014
- III. Sorguç A., Gürsel Dino İ., DIGITAL MEDIA IN ARCHITECTURE I, Lisans, 2012 - 2013

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **Spatial variation of physical, mechanical, and thermophysical properties of 3D printed concrete across a full-scale wall**
Bayrak A. T., Shaban N., Seyedian Choubi S., Tuncer E., Yang S., Yılmaz H. D., Alkilani A. Z., Dal H., Unluer C., Gürsel Dino I., et al.
Construction and Building Materials, cilt.431, 2024 (SCI-Expanded)
- II. **Perspectives of Machine Learning and Natural Language Processing on Characterizing Positive Energy Districts**
Han M., Canlı I., Shah J., Zhang X., GÜRSEL DİNO İ., KALKAN S.
Buildings, cilt.14, sa.2, 2024 (SCI-Expanded)
- III. **The diagonal axis from VERB to VOID: interdisciplinarity in basic design studio education**
Çakmaklı A. B., Dino I. G., Daglıoğlu E. K., Pinar E., Arslan P. Y.
ARCHNET-IJAR INTERNATIONAL JOURNAL OF ARCHITECTURAL RESEARCH, cilt.17, sa.4, ss.774-792, 2023 (AHCI)
- IV. **Coupling PCM wallboard utilization with night Ventilation: Energy efficiency and overheating risk in office buildings under climate change impact**
Tamer T., Gürsel Dino İ., Baker D. K., Meral Akgül Ç.

ENERGY AND BUILDINGS, cilt.298, 2023 (SCI-Expanded)

- V. **An integrated pipeline for building performance analysis: Daylighting, energy, natural ventilation, and airborne contaminant dispersion**
Abbas G. M., Gürsel Dino I., Perçin M.
JOURNAL OF BUILDING ENGINEERING, cilt.75, ss.1-30, 2023 (SCI-Expanded)
- VI. **The impact of architectural design studio education on perceptions of sustainability**
Çalikuşu A. N., Çakmaklı A. B., Gürsel Dino I.
International Journal of Architectural Research: Archnet-IJAR, cilt.17, sa.2, ss.375-392, 2023 (AHCI)
- VII. **Proposing a novel mixed-reality framework for basic design and its hybrid evaluation using linkography and interviews**
Cindioğlu H. C., GÜRSEL DİNO İ., SÜRER E.
INTERNATIONAL JOURNAL OF TECHNOLOGY AND DESIGN EDUCATION, cilt.32, sa.5, ss.2775-2800, 2022 (SCI-Expanded)
- VIII. **Performative design processes in architectural practices in Turkey: architects' perception**
Ataman C., Gürsel Dino I.
Architectural Engineering and Design Management, cilt.18, sa.5, ss.690-704, 2022 (SCI-Expanded)
- IX. **Vision-based estimation of the number of occupants using video cameras**
Dino İ., Kalfaoglu E., Iseri O. K., Erdogan B., Kalkan S., Alatan A. A.
Advanced Engineering Informatics, cilt.53, 2022 (SCI-Expanded)
- X. **Data-driven, long-term prediction of building performance under climate change: Building energy demand and BIPV energy generation analysis across Turkey**
Tamer T., Gürsel Dino I., Meral Akgül Ç.
Renewable and Sustainable Energy Reviews, cilt.162, 2022 (SCI-Expanded)
- XI. **The impact of natural ventilation on airborne biocontaminants: a study on COVID-19 dispersion in an open office**
Abbas G. M., Gürsel Dino İ.
ENGINEERING CONSTRUCTION AND ARCHITECTURAL MANAGEMENT, cilt.29, sa.4, ss.1609-1641, 2022 (SCI-Expanded)
- XII. **Heritage Building Information Modelling for the Conservation of 20th Century Modernist Architecture**
Akin S., Gürsel Dino İ., Savas Sargin A.
METU JOURNAL OF THE FACULTY OF ARCHITECTURE = ODTÜ MİMARLIK FAKULTESİ DERGIS, cilt.1, ss.1-11, 2022 (AHCI)
- XIII. **COVID-19 dispersion in naturally-ventilated classrooms: a study on inlet-outlet characteristics**
Abbas G. M., Gürsel Dino I.
Journal of Building Performance Simulation, cilt.15, sa.5, ss.656-677, 2022 (SCI-Expanded)
- XIV. **Involving end users in retrofit of higher education buildings**
Gooding L., Erdogan B., Gürsel Dino I.
Journal of Building Engineering, cilt.44, 2021 (SCI-Expanded)
- XV. **Educational building retrofit under climate change and urban heat island effect**
Akkose G., Akgül Ç., Gürsel Dino I.
Journal of Building Engineering, cilt.40, 2021 (SCI-Expanded)
- XVI. **An immersive performative architectural design tool with daylighting simulations: a building information modeling-based approach**
Akin S., Ergun O., Sürer E., Gürsel Dino İ.
ENGINEERING CONSTRUCTION AND ARCHITECTURAL MANAGEMENT, cilt.28, sa.4, ss.1319-1344, 2021 (SCI-Expanded)
- XVII. **Image-based construction of building energy models using computer vision**
GÜRSEL DİNO İ., Sari A. E., Iseri O. K., Akin S., Kalfaoglu E., Erdogan B., KALKAN S., ALATAN A. A.
AUTOMATION IN CONSTRUCTION, cilt.116, 2020 (SCI-Expanded)
- XVIII. **Climate change impact assessment in residential buildings utilizing RCP4.5 and RCP8.5 scenarios**

Akgül Ç., Dino I.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.35, sa.3, ss.1665-1683, 2020 (SCI-Expanded)

- XIX. **Impact of climate change on the existing residential building stock in Turkey: An analysis on energy use, greenhouse gas emissions and occupant comfort**
Gürsel Dino I., Akgül Ç.
RENEWABLE ENERGY, cilt.141, ss.828-846, 2019 (SCI-Expanded)
- XX. **Multiobjective Design Optimization of Building Space Layout, Energy, and Daylighting Performance**
Dino I. G., Üçoluk G.
Journal of Computing in Civil Engineering, cilt.31, 2017 (SCI-Expanded)
- XXI. **An evolutionary approach for 3D architectural space layout design exploration**
Dino I. G.
AUTOMATION IN CONSTRUCTION, cilt.69, ss.131-150, 2016 (SCI-Expanded)
- XXII. **Evaluation of reference modeling for building performance assessment**
Dino I. G., Stouffs R.
AUTOMATION IN CONSTRUCTION, cilt.40, ss.44-59, 2014 (SCI-Expanded)
- XXIII. **Method for energy performance integration in corporate public real estate management**
Dino I. G., Leeuw R., SARIYILDIZ S., Stouffs R.
Journal of Performance of Constructed Facilities, cilt.28, sa.2, ss.286-302, 2014 (SCI-Expanded)
- XXIV. **CREATIVE DESIGN EXPLORATION BY PARAMETRIC GENERATIVE SYSTEMS IN ARCHITECTURE**
GÜRSEL DİNO İ.
METU JOURNAL OF THE FACULTY OF ARCHITECTURE, cilt.29, sa.1, ss.207-224, 2012 (AHCI)
- XXV. **Modeling and visualization of lifecycle building performance assessment**
Gursel I., Sariyildiz S., Akin O., STOUFFS R.
ADVANCED ENGINEERING INFORMATICS, cilt.23, sa.4, ss.396-417, 2009 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Shading Effect of Transparent Photovoltaic Panels on Crops Underneath Agrivoltaic Systems**
Seyedpour Esmailzad S., Gürsel Dino İ., Güney D., Yıldırım Y. E., Turan R., Özden T.
AgriVoltaics Conference Proceedings, cilt.1, ss.1-9, 2024 (Düzenli olarak gerçekleştirilen hakemli kongrenin bildiri kitabı)
- II. **Teaching Architectural Design Studio Remotely: The Introduction to Architectural Design Course at METU**
Daglioglu E. K., Pinar E., Dino I. G., Arslan P. Y., Butuner F. B.
JOURNAL OF DESIGN STUDIO, cilt.2, sa.2, ss.153-157, 2020 (Hakemli Dergi)
- III. **Binalarda Güneş Kontrol Yöntemlerinin Optimizasyon Temelli Performans Değerlendirilmesi**
Gürsel Dino I.
Gazi Üniversitesi Fen Bilimleri Dergisi Part: C Tasarım ve Teknoloji, cilt.5, sa.3, ss.71-87, 2017 (Hakemli Dergi)
- IV. **Tasarım ve Hesaplamanın Doğası**
GÜRSEL DİNO İ.
Dosya, 2015 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **GELECEK, TEKNOLOJİ VE MİMARLIK**
Gürsel Dino I., Abbas G. M.
GELECEK, TEKNOLOJİ VE MİMARLIK, İpek Gürsel Dino, Günsu Merin Abbas, Editör, TMMOB Mimarlar Odası Ankara

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **A Novel Graph Neural Network for Zone-Level Urban-Scale Building Energy Use Estimation**
Halaçlı E. G., Canlı I., İşeri O. K., YAVUZ F., Akgül Ç. M., KALKAN S., GÜRSEL DİNO İ.
10th ACM International Conference on Systems for Energy-Efficient Buildings, Cities, and Transportation, BuildSys 2023, İstanbul, Türkiye, 15 - 16 Kasım 2023, ss.169-176
- II. **From crisis to recovery: An examination of sheltering response in Türkiye after the February 6, 2023, earthquakes**
Akdede N., Özaydin Ö., Ay B. Ö., Gürsel Dino I.
The NEEDS Conference, Enschede, Hollanda, 31 Ekim - 03 Kasım 2023
- III. **Integrating Nature-Based Water Management At Street-Scale: A Design Approach For Sustainable Urban Development**
Karakadılar A. C., Gürsel Dino İ., Baş Bütüner F.
ICSULA 2023 2. ULUSLARARASI SÜRDÜRÜLEBİLİR KENTLER KONGRESİ, Konya, Türkiye, 26 - 27 Ekim 2023
- IV. **A Study on Planned and Unplanned Playgrounds of Post-Disaster Transitional Settlements after February 6, 2023, Kahramanmaraş earthquakes**
Akdede N., Özaydin Ö., Ay B. Ö., Gürsel Dino I.
5th International Disaster and Resilience Congress, Kocaeli, Türkiye, 11 - 13 Ekim 2023
- V. **Useful Daylight Illuminance Prediction Under Data Imbalance in an Urban Context**
Canlı I., KALKAN S., GÜRSEL DİNO İ.
41st Conference on Education and Research in Computer Aided Architectural Design in Europe, eCAADe 2023, Graz, Avusturya, 20 - 22 Eylül 2023, cilt.2, ss.599-608
- VI. **Impact of Urban Street Network on BIPV Generation Capacity of Buildings**
Duran A., Akgül Ç., Gürsel Dino I.
IOP Conference Series: Earth and Environmental Science, Volume 1085, SBE22Delft - Innovations for the Urban Energy Transition: Preparing for the European Renovation Wave , Zuid-Holland, Hollanda, 11 - 13 Ekim 2022, ss.1-8
- VII. **Future performance evaluation of PCM integrated buildings under changing climate**
Tamer T., Baker D. K., Gürsel Dino I., Akgül Ç.
IOP Conference Series: Earth and Environmental Science, Volume 1085, SBE22Delft - Innovations for the Urban Energy Transition: Preparing for the European Renovation Wave , Zuid-Holland, Hollanda, 11 - 13 Ekim 2022, ss.1-8
- VIII. **Compiling Open Datasets to Improve Urban Building Energy Models with Occupancy and Layout Data**
Duran A., İşeri O. K., Akgül Ç., Kalkan S., Gürsel Dino I.
Conference of the Association for ComputerAided Architectural Design Research in Asia (CAADRIA) 2022, Sydney, Avustralya, 12 Nisan - 14 Mayıs 2022, cilt.2, ss.669-678
- IX. **Building Archetype Characterization Using K-Means Clustering in Urban Building Energy Models**
İşeri O. K., Gürsel Dino İ.
19th International Conference on Computer-Aided Architectural Design Futures, CAAD Futures 2021, Virtual, Online, 16 - 18 Temmuz 2021, cilt.1465 CCIS, ss.222-236
- X. **Afet Sonrası ve Kriz Sonrası Geçici Barınma Yerleşimleri için Sayısal Tasarım Araçlarının Kullanımı**
Akdede N., Ay B. Ö., Gürsel Dino I.
3rd International Disaster and Resilience Congress, Ankara, Türkiye, 05 Ekim 2021
- XI. **Data-driven Analysis of the Impact of Occupants' Preference on Building Performance in Classroom Spaces**
Duran A., Gürsel Dino I.
Joint CIB W099 & W123 Annual International Conference 2021, Glasgow, İskoçya, 9 - 10 Eylül 2021, ss.245-255

- XII. **Future Use Framework for Post-Disaster and Post-Conflict Temporary Accommodation Settlements and Units in Turkey**
Akdede N., Ay B. Ö., Gürsel Dino İ.
European Network for Housing Research Conference - 2021, Lefkosia, Kıbrıs (Gkry), 30 Ağustos - 02 Eylül 2021, ss.1-8
- XIII. **Yapay Sinir Ağları ile Sınıf Mekanlarında Performans Tahmini**
Duran A., Gürsel Dino I.
Mimarlıkta Sayısal Tasarım Sempozyumu, 28 Haziran 2021, ss.224-233
- XIV. **A multidisciplinary approach to address climate-resilience, conservation and comfort in traditional architecture: The PROT3CT example**
JAHED N., ERSOY S. N., GRIFFITHS N., GÜRSEL DİNO İ., MARINCIONI V., ÖZÇAKIR Ö., RICKABY P., SIRT ÇIPLAK E., WANG K., YILDIRIM ESEN S., et al.
1st International Conference on Moisture in Buildings 2021 (ICMB21), İngiltere, 28 - 29 Haziran 2021
- XV. **From Streetscape to Data Semantic segmentation for the prediction of outdoor thermal comfort**
Yazıcıoğlu G., GÜRSEL DİNO İ.
39th International Conference on Education and Research in Computer Aided Architectural Design in Europe, eCAADe 2021, Novi-Sad, Sırbistan, 8 - 10 Eylül 2021, cilt.1, ss.555-562
- XVI. **Minimizing cooling energy demand of an office building with respect to green roof types and the angle of sun shading elements: A case study in Izmir, Turkey**
Yazıcıoğlu G., Deniz E., GÜRSEL DİNO İ.
6th International Project and Construction Management Conference (e-IPCMC2020), 12 - 14 Ekim 2020
- XVII. **ENERGY DEMAND PREDICTION FOR RESIDENTIAL BUILDINGS AT DIFFERENT CLIMATE CONDITIONS BASED ON DIFFERENT DATA-DRIVEN TECHNIQUES**
İşeri O. K., GÜRSEL DİNO İ.
BAUSIM 2020, 23 - 25 Eylül 2020
- XVIII. **An exploratory multi-objective retrofit decision-making process**
Akin Ş., İşeri O. K., Erdogan B., Gürsel Dino I.
International Symposium of Architecture, Technology and Innovation (ATI), İzmir, Türkiye, 26 - 28 Ağustos 2020, ss.1-10
- XIX. **Vision-Based Lighting State Detection and Curtain Openness Ratio Prediction**
Kalfaoğlu E., Gürsel Dino I., İşeri O. K., Akin Ş., Sarı A. E., Erdoğan B., Kalkan S., Alatan A. A.
The Symposium on Simulation for Architecture and Urban Design (SimAUD), Vienna, Avusturya, 23 - 25 Mayıs 2020
- XX. **An Algorithm for Efficient Urban Building Energy Modeling and Simulation**
İşeri O. K., Gürsel Dino I.
The Symposium on Simulation for Architecture and Urban Design (SimAUD), Vienna, Avusturya, 23 - 25 Mayıs 2020
- XXI. **Climate Change Impact on Multi-Objective Optimization: A Case Study on Educational Buildings**
Akin Ş., İşeri O. K., Akgül Ç., Erdoğan B., Gürsel Dino I.
The Symposium on Simulation for Architecture and Urban Design (SimAUD), Vienna, Avusturya, 23 - 25 Mayıs 2020
- XXII. **Early Stage Retrofit Stakeholder Engagement: Enhancing Higher Education Project Success**
Gooding L., Erdogan B., Gürsel Dino I.
SBE19 Malta International Conference | Sustainability and Resilience, Attard, Malta, 21 - 22 Kasım 2019, ss.1-10
- XXIII. **Automated building energy modeling for existing buildings using computer vision**
Gürsel Dino I., Sarı A. E., Kalfaoğlu E., Akin Ş., İşeri O. K., Kalkan S., Alatan A. A., Erdoğan B.
CIB W78: Conference: Advances in ICT in Design, Construction and Management in Architecture, Engineering, Construction and Operations (AECO), Newcastle-Upon-Tyne, Birleşik Krallık, 18 - 20 Eylül 2019
- XXIV. **Video Content Analysis-Based Detection of Occupant Presence for Building Energy Modelling**
Gürsel Dino I., Kalfaoğlu E., Sarı A. E., Akin Ş., İşeri O. K., Alatan A. A., Kalkan S., Erdoğan B.
CIB W78: Conference: Advances in ICT in Design, Construction and Management in Architecture, Engineering,

- Construction and Operations (AECO), Newcastle-Upon-Tyne, Birleşik Krallık, 18 - 20 Eylül 2019
- XXV. **A parametric design method for CFD-supported wind-driven ventilation**
ABBAS G. M., GÜRSEL DİNO İ.
IAQVEC 2019, Bari, İtalya, 5 - 07 Eylül 2019
- XXVI. **Collective Residential Spaces in Sustainability Development: Turkish Housing Units within Co-Living Understanding**
Ataman C., Gürsel Dino I.
Sustainable Built Environment (SBE) Resilient Built Environment for Sustainable Mediterranean Countries Conference, Milan, İtalya, 4 - 05 Eylül 2019
- XXVII. **Computational Design Tools and Education: The Smartgeometry Case**
Acıcan Ö., GÜRSEL DİNO İ.
DRS Learn X Design - Fifth International Conference for Design Education Researchers, 9 - 12 Temmuz 2019
- XXVIII. **Improving Visual Design Perception by an Integrated Mixed Reality Environment for Performative Architecture**
Akın Ş., Ergün O., Gürsel Dino I., Sürer E.
Virtually Real - 7th eCAADe Regional International Symposium, Aalborg, Danimarka, 2 - 03 Mayıs 2019, ss.1-10
- XXIX. **Improving Building Performance of Higher Education Buildings, Involvement of End Users**
Gooding L., Erdogan B., Gürsel Dino I.
INTERNATIONAL CIVIL ENGINEERING AND ARCHITECTURE CONFERENCE 2019, Trabzon, Türkiye, 17 - 20 Nisan 2019, ss.178-188
- XXX. **Representations of Performative Architecture in Design Synthesis**
ATAMAN C., GÜRSEL DİNO İ.
Materiart, 11 - 12 Nisan 2019
- XXXI. **Constituting an Archive: Documentation as a Tool for the Preservation of the METU Faculty of Architecture**
SAVAŞ SARGIN A., GÜRSEL DİNO İ.
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- XXXIV. **Paylaşımlı Çalışma Mekanları (Coworking Spaces)**
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XXXIX. **Energy consumption of a day-occupied building utilizing phase changing material incorporating gypsum boards**

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XLIV. **Perception Based Design Space Structures for Evolutionary Design Systems**

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XLV. **Computational Design Emergence by Complexity and Morphogenesis**

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XLVI. **Enerji Etkin ve Sürdürülebilir Binaların Fotovoltaik ve Yeşil Çatı Entegrasyonunda Çok Objektifli Karar Desteği**

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- III. Pekerli M. K., Savaş Sargin A., Erdoğan S. T., Tavukçuoğlu A., Gürsel Dino İ., Ay B. Ö., Erasmus Projesi, REcube: REthink, REvive, REuse - Transmitting the knowledge for the green regeneration of the European Concrete Heritage, 2021 - 2024
- IV. Gürsel Dino I, Kalkan S., Akgül Ç., Gerçek Kurt D., TÜBİTAK Projesi, MAKİNE ÖĞRENMESİ VE SİMÜLASYON TABANLI, İKLİM DEĞİŞİKLİĞİNE YÖNELİK KENTSEL BİNA ENERJİ MODELLEMESİ (KBEM) İÇİN ARAÇ GELİŞTİRİLMESİ , 2021 - 2023
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- X. GÜRSEL DİNO İ., MERAL Ç., Yükseköğretim Kurumları Destekli Proje, İklim Değişikliği Bağlamında Bina Tasarım

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- XI. GÜRSEL DİNO İ., Yükseköğretim Kurumları Destekli Proje, Performans temelli bina tasarımında bütünleşik performans analiz araç ve yöntemlerinin araştırılması, 2013 - 2015

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- II. Metu Journal Of The Faculty Of Architecture, Editörler Kurulu Üyesi, 2016 - Devam Ediyor
- III. Mimarlar Odası Dosya, Editörler Kurulu Üyesi, 2018 - 2022

Bilimsel Kuruluşlardaki Üyelikler / Görevler

- I. MÜHENDİSLİK ARAŞTIRMA DESTEK GRUBU (MAG), Danışma Kurulu Üyesi, 2023 - Devam Ediyor , Türkiye

Bilimsel Hakemlikler

- I. ENGINEERING, CONSTRUCTION AND ARCHITECTURAL MANAGEMENT, SCI Kapsamındaki Dergi, Temmuz 2021
- II. COGNITIVE NEURODYNAMICS, SCI-E Kapsamındaki Dergi, Kasım 2019
- III. SUSTAINABLE CITIES AND SOCIETY, SCI-E Kapsamındaki Dergi, Eylül 2019
- IV. AUTOMATION IN CONSTRUCTION, SCI Kapsamındaki Dergi, Eylül 2019
- V. APPLIED THERMAL ENGINEERING, SCI-E Kapsamındaki Dergi, Haziran 2019
- VI. ENGINEERING CONSTRUCTION AND ARCHITECTURAL MANAGEMENT, SCI-E Kapsamındaki Dergi, Ekim 2018

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Metrikler

Yayın: 90

Atıf (WoS): 359

Atıf (Scopus): 466

H-İndeks (WoS): 10

H-İndeks (Scopus): 11

Kongre ve Sempozyum Katılımı Faaliyetleri

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Davetli Konuşmalar

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- II. Design Computing in Architecture, Seminer, Gazi University, Türkiye, Ekim 2019

Antrenörlük Görevleri

Hakemlik Görevleri
