INTERNATIONAL GRADUATE RESEARCH SYMPOSIUM - IGRS'22
ACCEPTED ABSTRACTS

ABSTRACT TITLE	CONTACT AUTHOR FULL NAME
UNMANNED AERIAL VEHICLES BASED 3D CITY MODELING. DATA COLLECTION, PROCESSING AND ANALYSIS. THE CASE OF YAVUZ SINAN NEIGHBORHOOD	Abdalrahman T. Y. Alashi
Dynamic Response of RC Chimney Under Seismic Excitations	Abdul Hayır
The effect of SH waves on the structure that is located edge of the steep slope	Abdul Hayır
Fractal-Based Dual-Band Microstrip Patch Antenna for 5G Applications	ABDULAZEEZ ALTALEB
Comparison of Analysis and Aerodynamic Designs of Backward Curved and Straight Radial Compressors	Abdulkadir Çelik
Shock Tube Optimization for Blast Experiments	Abdulkadir Uğurlu
Expansive Immersive Environments: A Comparative Study between Architecture and Digital Games	Abdullah Yasin DÜNDAR
Swift-Docking: Accelerating Molecular Docking Using Different Machine Learning Models	ABDULSALAM YAZID BANDE
Improvement of Public Buildings with Energy Efficient Design: Family Health Centers	Ahmed Bilal Güleşen
Drought Analysis of Küçük Menderes Water Basin	Ahmet Faruk İpek
Nose Profile Optimization of High Speed Rockets by CFD Method	Ahmet Semih Şimsek
Image Classification with Convolutional Neural Network Algorithm: Cats vs Dogs	AIMEN ALSHIREEDAH
Unpaid Domestic Care Work for the Family in Kazakhstan	Aizhan Salimzhanova
Numerical Investigation of Hub Ratio Effects on the Performance of Hubless Rim-Driven Propeller	Ali Burak AŞÇI
Specialized Injection Mold with Pneumatic Configurations for Experimental Investigation of Adhesive Bond Strength Between Polymers	Ali Özel
Analysis of the Art Songs of Ferit Hilmi Atrek in Terms of Prosody and Vocal Technique	Alin Yağcıoğlu
Incrementally Launched Bridge Design	Alper Naycı
Assessment of cold ironing as mitigation tool of emissions in port: A Container port case study	Alper Seyhan
General Characteristics Of The Central Anatolian Fault Zone Between Kayseri and Sivas (Türkiye)	Alper Süleyman Can
Waveguide Bandpass Filter Design with Cross-Coupled Resonators	Alperen Bakır
Out-of-plane shake table tests on solid and double-leaf masonry walls	Alvand Moshfeghi
Design And Fabrication of Micromixers for Efficient Antigen-Antibody Binding	Amenah Al-Barudi
Cancerous Lesion Segmentation for Early Detection of Breast Cancer by using CNN	Amine Gonca Toprak
Synthesis and Characterization of High Entropy (HfTiZrMnTa)B2 Ceramics	Amir Akbari
Effects of Mechanical Alloying on WMoNbVCr Alloy Produced by Vacuum Arc Melting	Ammar Alkraidi
Artificial Neural Network Approach to Predict the Vibration Responses of Composite Sandwich Plate with a Honeycomb Core	Anıl Karalar

Capital Inflows to Emerging Economies	Anıl Tuğral
A Fully Convolutional Encoder-Decoder Network for Moving Object Segmentation	Anıl Türker
Female Politicians and Role-model Effects: Evidence from India	Apoorva Orsu
Behavior of Hexagonal Shaped Arglass Composite Specimens Under Compressive and Tensile Loads	ARAS ARSLAN
RPL Authenticated Mode Evaluation with Authenticated Key Exchange Scheme and Network Behavioral	Arif Burak ORDU
Development of Microfluidic Organ-on-a-Chip Platform for Three Dimensional Cell Culture	Atakan Ege Savaş
Design And Analysis of Circuit Board Prototyping Devices with Step, Servo and Hub Motor Based 3-Axis Numerical Controlled Central Processing Unit (CNC)	Atakan YERLİ
Characteristics of Energy Efficiency Networks (EEN) in Turkey; A Comparative Analysis	Atilla Kılınç
Ethics in Energy Efficiency Networks; A Case from Turkey	Atilla Kılınç
Application of reverse osmosis for industrial water reuse	Aya Hassoun
Failure and Fracture Behaviour of 3D printed Short Carbon Fiber Reinforced/PET Polymeric Composites	Ayberk Baykal
Controlled release of tetracycline hydrochloride from silica based polycaprolactone nanohybrides	Aybüke CENGİZ
Preserving Seyfi Arkan's Modern-Industrial Architecture: Seyrantepe Automobile Industry Complex	Aybüke Safi
Biochemical Characterization of Truncated Amylopullulanase from Thermoanaerobacter brockii brockii	Aycan Kayrav
ESSAYISTIC READING OF PLACE: ARCHITECTURAL ESSAY FILM	Aygen Erol
Synthesis of graphene encapsulated iron oxide nanoparticles using solvothermal method and cytotoxicity test	Aysa Azmoudeh
Determination of the Average Neutron Energy and Neutron Flux by Multi-foil Activation Analysis of the Deuterium-Tritium (D-T) Neutron Generator	Ayse Karakaya
Synthesis and Characterization of Copper Nanowire for Lithium-Sulphur Battery Application	Ayşe Aleyna Aşçıoğlu
Analog Modulation Detection with AI Algorithms	Ayşe Buğse İNCE
Urban Agriculture Site Selection for Food Security: Case of Beylikdüzü, İstanbul	Ayşe Burcu Kısacık
Cooling Effect of Green Parks- Istanbul Example	Ayşe Cansu TURAN
Neural Language Modelling Approaches for Post-OCR Text Processing	Ayşe İrem Topçu
Effects of Packaging Materials with Different Gas Permeabilities on The Quality and Shelf Life of Commercial Powdered Soup Mixes.	Ayşe Merve Cellat
The Spaces of Samsun Nation Schools (1928-1935)	Ayşenaz Sönmez
Light-Activated Heterogeneous Catalyst: As an Alternative and Effective Tool for CuAAC Click Chemistry	Azra Kocaarslan
Numerical Simulation of Wave Run-up Over a Sloping Bottom	Baran Öz
CREDIT CARD FRAUD DETECTION USING ENSEMBLE LEARNING: A COMPARATIVE ANALYSIS	Barış Akyüz
Modeling the Effect of Control Functions on Ti-6Al-4V Melt Pool Dimensions for Electron Beam Powder Bed Fusion Process	Barış Kırım
Phthalocyanine and heteroatom-doped carbon quantum dots conjugate: Synthesis and electrochemical investigation	Başak Gizem Şentürk

Boriding of Ti20Nb alloy produced by powder metallurgy for tribological applications	Batuhan Soruşbay
DECISION MAKING PROCESS IN DISASTER MANAGEMENT CYCLE PHASES	Begüm İskender
Bibliometric Analysis of Zero Energy and Building Retrofit Research: A Review Through Co-Authorship and Co-occurrence Analysis	Begüm Diker
Optimum Energy Management Strategy of a Hybrid Electrical Vehicle Based on Efficient Power Distribution and Battery Discharge Capacity	BEHNAM GHADIMI
Numerical Modeling of Wave Induced Scour Around A Monopile	Bekir Sürücü
Assessment of Suitability for Settlement of the Area Between Kumköy and Çiftalan (North of Istanbul) In Terms of Engineering Geology	Bener Parla Saçbağlı
EVALUATING HISTORICAL URBAN SQUARES IN TERMS OF VISITOR'S PREFERENCES	BENGÜSU TURAN
SDN Based Routing Protocol Design for Flying Ad-Hoc Networks	Berat ERDEMKILIÇ
Examination of Phosphorus (V) Oxychloride Solutions as Alternative Phase Change Materials in Cold Storage for Tropical Fruits	Bercem Kıran-Yıldırım
Floor Plan Recognition Considering Visual and Topologic Spatial Relations Through Machine Learning	Berfin Yıldız
Elimination of Sea-bottom Multiples in the Multichannel Seismic Reflection Data Collected in the Çınarcık Basin of the Sea of Marmara	Beril Karadöller
Discrete Wavelet Transform Based Data Augmentation for Remote Sensing Images	Berk ARICAN
Fluid Structure Interaction Simulation of AGARD 445.6 Wing	Berk Küçük
Simulation and Analysis of a Grid Connected Photovoltaic System using PVsyst Software	Berk TUNÇER
Architect Perpignani and his Apartment Block in Pera: Transformation of a Family House in Early 20th Century	Bersu Çelik
Low Power Quantized YOLO for Face Detection on FPGA	Bestami Günay
VERTICAL LOAD EFFECT ON SEISMIC BASE ISOLATION SYSTEMS	BETÜL BOZKURT
Leaf Disease Detection with PSO Algorithm using CNN Model	Betül Karaoğlan
Performance Change in Relation to the Shading State and Thermoelectric Effect of the Photovoltaic Panel	Beyza Nur Özmen
Effects of Fine Content on Mechanical Behavior of a Rock Quarry Residue	Beyza Özulu
Protein-phenolic interaction as a protein modification method for chickpea protein	Beyza Vahapoğlu
Migration as a Passage to Future: Traces of Bruno Taut and Margarete Schütte-Lihotzky in Turkey as Visionary Architects	Bilge CAN
Characterization of copper-based coatings developed for functional textiles	Bilge Koyuncu
A Study on Minimum Drag of an AUV Using Integrated Optimization Platform by Open Source Libraries	Buğra Uğur Yazıcı
Energy and Exergy Analysis of Thermal Oil System on Ships	Burak Başaran
Rationing for Islamic inheritance disputes	Burak Doğan
Small Area Mobility Forecasting Around Groceries and Pharmacy Locations in Turkey using Google Mobility Data	Burak Kilercik

THE EFFECT OF ‘ THE INTELLIGENT CHOIR’ PHILOSOPHY AND VOCAL PAINTING ON CHORAL COMMUNICATION	BURCU BAYSAL
Predictability Analysis of Classification Performance with respect to Hyperparameter Variation in DNNs	Burcu Kartal
Reduction of the Sail Root Vortex of the DARPA Suboff Submarine	Burcu Kayacan
Characterization Studies of W-1 wt.% Ni Matrix Composites Reinforced with CeB6 Particulates by Powder Metallurgy Methods	Burçak BOZTEMUR
A study on mobile applications Telephone usage habits at home during Covid-19 in Turkey	Burçin Tutu
“A New Form of Architectural Media”: The Discourse of ANY, 1993-2000	Buse Ezgi Sökülmez
Impact of co-treatment of food waste and municipal wastewater in the performance of aerobic granular sludge system	Busra Çiçekalan
STRUCTURAL MODELLING OF ROTATING FUNCTIONALLY GRADED TAPERED BLADES UNDER THERMAL LOADING	Büşra Durmaz
“Reception Days" as a Domestic Practices in the 1980s: Objects, Stages, Signs	Büşra Kara
Crypto Cities	Büşra Kök
SULFONATED POLYSULFONE MEMBRANES	Büşra Köroğlu
AMPS-Based H-Bonded Superabsorbent Hydrogels	Büşra Sekizkardeş
Modal Analysis of Air Tube Bracket through Experimental and Numerical Approaches	Can Berk Hotamış
Investigation of the Effect of the Covid-19 Epidemic on Air Pollution from Aircraft Emissions; Istanbul Airport Example	Caner Alabay
Synthesis and Characterization Studies of Refractory High Entropy (WNbMoVAlx (x= 0 - 1,0)) Alloys	Cem Çiçek
Economic and Environmental Assessment of the Use of Coal and Improved Coal and Mixture of Various Biomass Types	Cemil koyunoğlu
Examining the Scientific Background of Mental Health Problems Faced Among Seafarers	Cenk Ay
Computation of thermal conductivity in nanofluids	Ceren Ece Yüce
A Literature Review: Links Between the Digitalization and the Labor Productivity in the Construction Industry	Ceren Sahin
Determination of the order parameter for 5CB based liquid crystalline materials from high resolution dielectric anisotropy and optical birefringence data	Çağatay İleten
Derivation of Carbon Adsorbents from UiO-67 Metal Organic Framework to Removal of Indole from Liquid Fuels	Çağla Bulut
Conservation Approaches for Urban and Heritage Values in Kurtuluş (Tatavla)	Çağlasu Artuç
Examining The Factors Affecting Free Zone Performance in Turkey between 2008 - 2018	Çiğdem Üstün
The relationship between device diversity and disparities in online	Deniz Ece Dalgıç Tetikol
The Effect of COVID-19 Outbreak, Energy Prices, and Policy Uncertainty on Financial Development in Turkey: Evidence From QARDL Approach	Derese Kebede Teklie
History of Science and Technology Studies at Istanbul Technical University	Dila Çetinkaya
The Position of Free Zones in the New Economic Order of the Age of Globalization: An Evaluation of Practices in the World and Turkey	Dilan Makal
Examining the Sense of Place and Belonging Among Students in Weimar	Dilara Hadroviç
Sustainable Adaptive Reuse of Complex Buildings	Dilay Özcan

Investigation the Catalytic Effects of Natural Minerals for Sewage Sludge under Diffrerent Gasification Atmospheres	Dilek Alper
Cosmogony of the 15th Century Ottoman Music Theory as a Multi-Cultural Heritage	Doğuş Çiçek
Compression of Image Super-Resolution Networks via Self-Distillation	Dursun Ali Ekinci
Fe(III)-Cross-linked Alginate-Carboxymethyl cellulose Beads for Photodegradation of Dye in Aqueous Solution	Duygu KARADENİZ
Translated Architecture Books: The Positioning of Turkish Architecture Realm Towards International Paradigm Shifts on Architecture	Duygu Yarımbaş
A Broadband and High Gain 28GHz Microstrip Antenna Design for above 6GHz 5G Communication Systems	Duygu Yaşar Gündoğdu
Potential Implication of Sea-Level Rise in Turkey and Its Vicinity	Ebru Alabay
Advocating Music as a Way of Social Connectivity: Experiences of Music Teachers in Global Epidemic Conditions	EBRU AVCI
Performance Comparison of Delayed Resonator Feedbacks for Non-Collocated Vibration Suppression in Flexible Structures	Ebubekir Buğra Özarslan
Building Product Selection in the Context of Life Cycle Assessment (LCA) with Digital Design Tools: The Case of One Click LCA	Ecem Köşürgeli
Texture and Microstructural Evolution of AISI 4140 Steel During Tube Spinning Process	Ecem Özden
A Topology on S-Spectrum of a Module	Eda Yıldız
Questioning Digital Media Interactions of Architectural Practices in the context of Architectural Competitions	Egehan Savgı
Miniature Electrical Propulsion System Design for Cube Satellites	Egemen Çatal
Employment and Unemployment Experiences of Sports Faculty Graduate Women	Ekin Büyükakten
Examining Eco-Gamification as a Method for The Development of Smart Urban Settlements	Ekin Şeker Kaya
Erecting The Captivity of Own	Ekrem Kaynar
Thinking of The Concept of Spatiality as A Metaphor to Render Order by	Ekrem Kaynar
Eisenman's Late Concept Based on Contradiction: Lateness	Elif Adıgüzel
High-temperature pyrolysis of sewage sludge and polypropylene mixtures: Investigation of its synergistic effect on the pyrolysis yield and product distribution	Elif Babayiğit
THE EFFECTS OF DIFFERENT SURFACE TREATMENTS APPLIED ON POLYPROPYLENE ON PAINT TEST PERFORMANCES	Elif Burcu Çetin
Review of Conservation Project for Chana Khan and Synagogue	Elif Özkazanç
The Poetics of Techne	Elif Öztürk Aksoy
An Investigation on Spatial Quality and User Satisfaction of Bakirkoy Bazaar	ELİFSU ŞAHİN
OPTIMIZATION OF THE HYBRID RENEWABLE ENERGY SYSTEM: CASE STUDY AL-FALLUJAH/IRAQ	Eman Mohammad Sami
Recombinant Production and Characterization of Chitinase from Pseudomonas mandelii KGI_MA19	Emine Tuğçe Saraç Cebeci
Narrative-City: Reading Post-modern Urban Character through Metaphors and Analogies	Emirhan Kurtuluş
Nusret Hızır, One of the Leading Representatives of Scientific Philosophy in Turkey, and His Influence upon the Turkish Academy	Emrah Yücesan

Chlorodimethylsilane-Mediated Reductive Etherification Reaction for Postpolymerization Modification of Aldehyde Functional Polymers	Emre Akar
Production and Characterization of Ti-Al Alloys by Powder Bed Electron Beam Melting	Emre KOCAKUSAKLI
Model-Based Design of a Satellite Attitude Control System Using 2 DoF Reaction Wheel Testbed	Emre Sayın
Calibration of a distributed hydrologic model for Konya Closed Basin using multi gauge discharge data	Enes Ergün
Genetic Stability Analysis of Boron Stress-Resistant Saccharomyces cerevisiae	Enes Fahri TEZCAN
An Approach Proposal in the Teaching of Central Anatolian “Türkü”s	Erhan Uslu
Statistical Feature Learning and Signal Generation for Sensor Signals	Erkan Karakuş
PARAMETRIC ANALYSIS FOR THE DETERMINATION OF SOLAR COLLECTOR AND HOT WATER TANK CAPACITY IN SOLAR ASSISTED HEATING SYSTEMS	Ersin HAYDARASLAN
INVESTIGATION OF THE EFFECT OF STRUCTURE-PILE-SOIL INTERACTION ON THE EARTHQUAKE PERFORMANCE OF A MULTI-STOREY REINFORCED CONCRETE BUILDING TO BE DESIGNED ACCORDING TO THE TURKISH BUILDING EARTHQUAKE CODE	Esma Girer
Synthesis and Characterization of Novel Aza-BODIPY Derivatives	Esra Bayrak
Analysis of Assembly Code Similarities of Different C++ Compilers	Esra ÇELİK
Application of Analytical and Semi-Numeric Analytical Solution Methods for Non-Linear Oscillating Mechanical Systems	Esra Demir
A Meta-Analysis on The Role of Biomimetic Architecture on Obtaining Performance Requirements of Building Envelope	Esra Nur Erşahin
Building Detection from Very High Resolution Satellite Images With Deep Learning Techniques	Esra Özaydin
The Effect of Lecture Time on Student Outcome, Cross-Country Study with TIMSS Data	Eylül Berke Özgen
Investigation of Land Use Change and Urban Sprawl around Mersin City Hospital	Ezgi Şahin
PREDICTION OF FLOOD RUNOFF BY COUPLING WRF-ARW AND HEC-HMS MODELS, ERGENE BASIN	Fatma Betül Demir
Compositional Strategies to Create Experiences of Imaginary Spaces through Headphone Listening	Fatma Neval TARIM
Cognitive Process of Design Students in terms of Decision-Making about Usage Scenarios	Ferda Özdülger
Path Following of Autonomous surface vehicle using Model predictive Control and PID Controller.	Ferhan Büyükçolak
Effects of Packaging Materials with Different Barrier Properties On The Quality and Shelf Life of Powdered Foods	Feride Sonverdi
Dynamic and Structural Analysis of Rocket Launch Systems	Feyza Ergün
AN INVESTIGATION OF DESIGN STRATEGIES IN COLLABORATION OF ARCHITECT AND COMPUTATIONAL ENVIRONMENT IN THE CONTEXT OF CREATIVITy	Fikriye Aslı Yalçın Çorapçıoğlu
Aircraft Trajectory Optimization Under Wind Effect By Using Optimal Control: Environmental Impact Assessment	Fulin Sezenoğlu
EFFECT OF TORSIONAL AXLE ELASTICITY ON HUNTING INSTABILITY OF A RAILWAY WHEELSET	Furkan Büber
A review study on EEXI	Furkan Çıtakoğlu
Spatial and Temporal Assessment of Geological Risks in Agriculture Basins Using Earth Science Data	Füsun G. ULUGERGERLİ
Effect of Cryogenic Conditions on the Properties of Synthetic and Biological Cryogels	Gamze Döşer

Fabrication of Caffeic Acid Grafted Poly(lactide)-b-Poly(hydroxyethylmetacrylate) Films	Gamze Düz
Improvement of micro-arc oxidation coating formed on 7075 Al Alloy for reducing the coefficient of friction	Gizem Küllü
Gunn Oscillations in n-type InGaAs Epilayer Structures	Goksenin KALYON
Bioactive Filament Formulation and 3D Printing for Bacterial Cellulose-based Composites	Gozde Damla Turhan
Investigation of the Performance of Seismic Base-Insulated Buildings Built on Weak Soil	Gökay Deniz
PURSUIT OF INCOMPLETENESS IN ARCHITECTURE: EVENTS	Gökçen Erkoyuncu
Private Health Insurance as an Economic Measurement of Accessibility to Healthcare Service: The Case of Bursa	Gökçen Gürsoy
The Function and Influence of the Phenomenon of Music as a Meaning of Social Interaction	Gökhan Kırmızıgül
Pair Redundancy Approach for Train Control and Management Software	Görkem Dayı
Critique of Henri Rousseau's "The Sleeping Gypsy" (La Bohémienne Endormie)	Gulcin Kubat
Probing the cultural probes: A study on introducing user research to design students	Gülce Apak
MgO/ZnO/rGO Nanocomposite Based Electrochemical Enzymatic Glucose Biosensors	Güllü Gültuğ Yün
Fog Analysis at Kars Harakani Airport Last Decade: In 8-9-10 February 2013 Case Study	Gülneşe Uğurluel
Proposal for the Adaptive Reuse of the Gelidonya Lighthouse, Antalya, Turkey	Güneş Ünal
In the Period of the Republic of Türkiye, Urban Change and Transformation of Üsküdar	Hacer Turan
A CRISPR/cas9 Vector Construction for Engineering of Bacilysin Biosynthetic Operon in B. subtilis PY79	Hadeel Abdulmalek
Effectiveness Analysis of QC-LDPC Encoder with Model Based Design Approach	Hakan Taş
A Case Study for Calculation of Total Construction Duration in TOKI Housing Projects	HAKAN TIRATACI
A Proposed Model for Estimation of Ideal Duration in TOKI Housing Projects	HAKAN TIRATACI
Numerical Investigation of Heat Transfer by Natural Convection from Perforated Rectangular Fin Heat Sinks for Various Inclination Angles	Halil Kaya
Synthesis of Phthalocyanine-Bodipy Hybrid Molecule	Hande TELSEREN
Rethinking the Design of a Hybrid Extraction-Distillation Process for Purification of Biobutanol from ABE Fermentation Broth	Haniyeh Kardan
Hydrological Model Structure and Calibration Algorithm Effect on Discharge Simulation Performance	Harun Alp
Assessment of Electrical and Photometric Measurements of Driver on Board LED Floodlights under Different Grid Conditions	Hasan Cansun Akın
An Experimental Investigation on Unconfined Compressive Strength of Clayey soils Treated with Recycled Fine Aggregate (RCFA)	Hashem Kishko
High Performance Thermoplastic Composites with Advanced Manufacturing Technique	Hatice AKCAKAYA
The Taxonomy of Computational Precedent Analysis Tools	Hatice Melike Özbek
Visible Light Induced Radical Coupling Polymerizations of □□□-Dibromo-p-xylene and 1,4-dibromo-2,3-butanedione to Obtain Polyphenyleneethylene and Polyketone	Huseyin Cem Kiliclar

Rescaling the (Lost) Bodies in Architectural Space: Alice in Wonderland Syndrome	Hülya Yavaş
Prioritization of Factors Affecting Sustainability of Distance Education in Higher Education Institutions	Hülya Yılmaz
Development of imprinted fluorescent hydrogels containing quantum dots for phthalate analysis	Hüma Filiz Yıldırım
Honestly Visible, Visibly Honest: Problematizing Pugin's Technologies of Architectural Authenticity	Hüseyin Furkan Balcı
Microstrip BPF Design with Coupling Matrix Method	Hüseyin Nuri Gülmez
A Computer Application for Calculating Rock Mass Rating	Hüseyin Onur Dönmez
Identification of dry periods from Standardized Precipitation Index time series in Gediz River Basin	Işılsu Yıldırım
The Effect of Virtual and Augmented Reality Technology on Investment and Operating Cost Application Example on Machining Investment	İbrahim MURAD
FLIGHT SAFETY RISK AWARENESS at FLIGHT TEST ACTIVITIES with ANALYTICAL HIERARCHY PROCESS METHOD	İbrahim Özkol
Preparation pyrene bearing asymmetric block copolymer for sensing applications as a fluorescent chemosensor	İlayda Koramaz
Designing Running: An Activity Theory Approach to Running Experience of Amateur Runners in Turkey	İrem Genç
An Overview of Urban Transformation of Fikirtepe: Spatial Analyses on Land Values.	İrem Üstün Güngör
Evaluating the Thermal Performance and Carbon Emission of an Aluminum Curtain Wall of a Residential Building	İsmail Kamiş
AI Cinema: A Brief History and Future Perspectives	İsmail Yiğit
Comparing Different Hybrid Strategies for a Vehicle	Kaan Utku Yıldırım
TFEEC: Turkish Financial Event Extraction Corpus	Kadir Şinas Kaynak
POLYDIMETHYLSILOXANE BASED POLYMERS and THEIR APPLICATIONS in TEXTLE FINISHING and IMPROVING ANTIBACTERIAl PROPERTIES of COTTON FABRICS	Kadriye Eda Kamertay Kurttay
Genetic Algorithm Based Aerodynamic Design Optimization of an Airfoil for Fixed Wing Reconnaissance UAV with XFOIL and MATLAB for Maximum Aerodynamic Efficiency	Kağan Ün
Prediction of Credit Card Default with Different Machine Learning Techniques	Kaya Tokmakçıoğlu
Developing data driven models for the estimation of grate inlet hydraulic efficiency	Kayhan Bayhan
Numerical Modeling of Waves Acting on a Pile	Kemal Bal
EVALUATION OF KINETIC MODELS VIA COMPUTATIONAL OPTIMIZATION TECHNIQUES FOR DIRECT SYNGAS-TO-OLEFINS PROCESS	Kerem Bülbül
Characterization of Biodegradable Zn-Cu-Mn alloys	Kerem Tiryaki
Lightning Analysis With WRF Regional Model : Istanbul Case Study	Kerim Atilla Korkmaz
Induced Crystalline Fiber-Like Structure as Reinforcement in PLA Products Through Applied Shear in Injection Molding	Kerim Eraslan
Examining the Change in Building Construction Technologies with Examples	Kübra SÜMER HAYDARASLAN
3D Sound Recording Practices in Turkey 2021-2022	Laçin Şahin
A Comparative Study to Forecast Vehicle Prices in Automotive Industry using Machine Learning Techniques	Laden Akgök
Graphene Oxide Synthesise for Polyamide Thin Film Composite	Levent Trabzon

Computational Ballistic Impact Analysis for Different Types of Weave Fabric	Lütfullah Taha Halıcı
Redesigning Port- City Interface with Opportunities of Public Uses: Critical Examination of Galataport Case	M. Melis Cihan Yavuzcan
Fragility Curves for Buildings Retrofitted with Different Methods	Mahmoud Shanaah
Detection and Restoration of Intensity Variation in Microscopy Time Series Images	Mahmut UÇAR
Compressive Strength Estimation of Nano-Silica Modified High Strength Concrete Using Machine Learning	Mahsa Farshbaf Maherian
A Study on The Use of Color in Luxury Product Design and Consumer Preferences	Mariam Kovziridze
EMPTY SPACE: HOW NOT TO FILL?	Mehmet Ali GASSELOĞLU
Implementation RPL Authenticated Mode in WSN	Mehmet BAYAR
An Empirical Study on Generating Musical Materials from Images	Mehmet Can Ayyılmaz
Air Travel Demand in Covid-19 Pandemic	MEHMET MELİH DEĞİRMENCİ
Why is David Bloor's Sociological Conception of Knowledge not Defendable?	Mehmet Onur Canpolat
Finding the Relationship Between Social Media Ratings and Traditional TV Ratings Using Data Mining Methods	Mehmet ÖZKAR
Fatigue behaviour of micro-arc oxidation coatings	Mehmet Ragıp Muhaffel
Engineer Competencies in the Industry 4.0 Environment	MEHVES NUR ISLAM
Tuberculosis and Space in Turkish Literature: Sanatorium as a Healthcare and Social Environment in Mahmut Yesari's Yakacık Mektupları	Melike Karali
(Re)-Thinking of Architectural Form with the New Materialism	Melike Sena Erden
The Genome-wide Investigation of lncRNA-chromatin Interaction in HeLa cells	Melis Atbinek
Indoor Air Quality in Residential Kitchens	Meltem Eren
Effects of Silicon Fertilization on Plants	Mert Çakır
Designing an Early Detection of Postpartum Hemorrage by Artificial Intelligence Methods	Merve Afacan
Generative Design as a Decision Support Tool: Land use Decisions in Göktürk, İstanbul	Merve Deniz Tak
Preparation and characterization of chitosan based ZnFe2O4 nanocomposite material for imatinib release.	MERVE ECE TEMELKURAN
Development and characterization of ZnCdSSe and CdSSeTe quaternary alloyed quantum dots	Merve Erkan
Genome wide identification of stable intronic sequence RNAs under apoptotic conditions in HeLa cells	Merve Kara
Synthesis, Characterization and Supercapacitor Application of Polyaniline Doped with Different Acids	Merve Metin Çelenk
TAHSIN OZ AND THE YEARS OF WORLD WAR II: EXHIBITION SPACES AND DOORS OF TOPKAPI PALACE	Merve Yücetürk
Biopolymer production via enzymatic polymerization method for medical use	Mete Dervişcemaloğlu
Subsea pipeline accident analysis and design against falling objects	Mikail Rıza Onat
Optimization of Aquafaba Production by Response Surface Methodology and Application In Plant-Based Mayonnaise	Mine Büker
THE INFLUENCE OF ARABIC MUSIC CONFERENCE 1932 ON ARABIC MAKAMS & RHYTHMS “ANALYTICAL STUDY”	Mohamed Mostafa Ahmed Mohamed
Benefits and Limitations of Machine Learning Approaches in Seismic Fragility Analysis of Structures	Mohamed Tareq M. SOLIMAN

Optimization of microwave assisted extraction of phenolic compounds from Turkish purple plum (Prunus domestica) peels using response surface methodology	MONDHER MZOUGHI
Non-Linear Time Domain System Identification of F-16 Aircraft	Muhammad Asif Saeed
Gemi Sökümünün Farklı Perspektiflerle İncelenmesi	Muhammed Ersü
A Dutch Disease Approach into the Premature Deindustrialization	Muhammet Sait Çakır
The Use of Digital Twin Technology for Facility Management in an Infrastructure Project: a case study of Istanbul Airport	Muhittin Egemen Yıldırım
Rapid Damage Detection from Post-Earthquake City Surveillance Camera Images Using Machine Learning Algorithms (Case Study: 1999 Marmara Earthquake)	MURAT KOCAKAPLAN
On the Comparison of Khayyam and Descartes: Solutions of Cubic Equations	Mustafa Deniz Türkoğlu
A New Convolutional Neural Network Model for Skin Cancer Detection in Dermoscopy Images	Mustafa Furkan Keskenler
A Web-Based International Archive And Media Platform Proposal, Specific to Maqam Music, Regarding The Future of Academic Studies	Mustafa Gökhan Taş
The Effective Use of Daylight in Double Skin Facade Buildings	Mustafa Serhan Ünlütürk
Development and Analysis of Prediction Models for an AI-Based Energy Management System for Microgrids	Necati Aksoy
Using Moving Average Filtering as a Boundary Analysis Method	Nedim Gökhan Aydın
Soil Loss by Urbanization and its Transformation Potentials	Nehir Özdemir
Industrial Scale Sustainable Nanocomposite Production by Melt Mixing Technique	Nesrin Avcıoğlu
Exploring athletes' experiences of health, injury and recovery: A case study of American Football Players in Turkey	Nesrin Türer
Comparing UK and Turkish Perspectives on Office Leasing Criteria with AHP Method	Neziha Yılmaz
Phenolic Content and Antioxidant Capacity of Lamas Lemon Peel by Ultrasound-Assisted Extraction	Nihal Durmuş
Dewatering of Goksu River Dredging Sludge with Geotextiles	Nihan Keskin
Toward a Definition of the Blues - Restricted Generativity and Inconclusiveness as Defining Elements of a Musical Style	Nikolaus Grill
Temporary Structures and Daily Practices in Public Spaces After Modernity: Case of Ephemerality in Üsküdar Pier Square	NİL DÖĞERLİOĞLU
Proposal to renovate existing university campuses with planning and architecture according to 21st century learning spaces: Example of Gebze Technical University	Nilay Özeler Kanan
On the Shape Operator of Hypersurfaces in Minkowski 4-Space	Nilgün Ünsal
Financial Time Series Forecasting: A Machine Learning Approach	Nima Niyazpour
Shaping the physical world's Digital twin based on place identity theory	Nima Sharafi Rohani
Proposal of an Interactive Virtual Education Environment that Increases the Knowledge of Structure in Architectural Design Education	Nisanur Ozdemir
BORAGE OIL AND HYPERICUM PERFORATUM OIL CONTAINING NANOFIBERS FOR ATOPIC DERMATITIS TREATMENT	Nursema PALA

Sign Language to Transcript in Real-time and a Novel NLP Model to Interpret and Use Context for Improved Translations	Octavio Ernesto Romo Rodriguez
Determination of Flow Characteristics and Optimal Geometric Parameters of Microchannels for Electronic Chip Cooling Applications	Oğuz Altunkaş
A temperature and time dependent corrosion wastage model for seawater ballast tank structures of ships	Oğuz Kağan Bozali
Biological Invasions under Climate Change: A Hybrid Modeling Approach	Oğuzhan Kanmaz
Performance Prediction of a Generic Submarine Undergoing Accelerating and Stopping Manoeuvers by Closed-Form Solutions and CFD	Oğuzhan KIRIKBAŞ
Development of Sustainable Rigid Polyurethane Foams Using Environmentally Friendly Blowing Agent Systems	Oğuzhan Özenç
Analysis and Enhancement of Distribution Network by Sharing Renewable Energy	Omar Al-NUAIMI
Emission Reduction Potential of Hybrid Propulsion: A Case Ferry from Istanbul	Ömer Berkehan İnal
Performance Verification of Transparent and Flexible Material for Manufacturing an Enhanced Transparent Impermeable Laminar Soil Container	Omid Bagheri
Design of an Embedded Fault Diagnostic System	Onur BEKAR
Monitoring Natural Rubber Fatigue Properties due to Degree of Dispersion of Carbon Black Variation	Onur Haydari
Experiments on Modelling the Gravity Effect of Topography in Auvergne Test Area	Onur Karaca
Surface Modified Cellulose Nanocrystal Incorporated Nanocomposite	Onur Nuri Arslan
Robust Maneuver for F-16 Aircraft Model: Comparison Matlab/Simulink Results	Orhan Kara
The Effect of Coarse Aggregate Concentration on The Bond Stress vs. Slip Relation Between Low-Strength Concrete and Reinforcing Steel	Osama Abo Kaf
Numerical Investigation of Boundary Layer Bleed Effects on Supersonic Air Intake Performance	Osman Kerem KOÇ
Effects of Osmosonication Pre-treatment on the Drying Kinetics of Beetroot (Beta vulgaris)	Osman Yağız Turan
A Critique of Conventional 'Basic Design' Paradigms: Rethinking Beginning Design Education in the 21st Century	Ozan Gürsoy
The effects of different potential evapotranspiration data on the performance of two hydrologic models for the Konya Closed Basin in Turkey	Ozgur YILMAZ
Evaluation of Factors Affecting the Performance of Large-Scale Private Banks in Turkey	Ömer Faruk KARA
Queering Space through Body-Space-Time Relationship	Öykü Şimşek
Linguistic Representation and Architectural Terminology: A study based on the examination of the Arkitekt Journal	Özge Üstündağ Ganiç
Function of Illusions in Architecture: The Case Of Design's Ability To Predict	Özgür Gültekin
Network Neutrality Regulation on the Two-Sided Internet Market Constituted by Congestion Sensitive End Users and Content Providers	Özgür Kaplanlıoğlu
Exploring the New Materiality at the Intersection of the Vernacular Tectonics - Contemporary Architecture - Examples from the Aegean Region	Öznur Aktaş

Exploring the New Materiality at the Intersection of the Vernacular Tectonics - Contemporary Architecture - Examples from the Aegean Region	Öznur Aktaş
An Assessment on The Corridor in Unit Housing Planning	Pınar Kılıç Ataselim
Investigation of the Activation Routes and Nitrogen Doping on Carbon Residues from High Temperature Pyrolysis of Lignocellulosic Wastes	Pınar Kurtuluş
First report of the open reading frame (ORF) and Indel polymorphisms of the prion protein gene (PRNP) in Eswatini indigenous cattle breed Bos indicus and Bos taurus africanus	Pumla Bhekiwe Manyatsi
Linerless Hybrid Structured Composite Pressure Vessel Development	Recep Ufuk
Mode II Delamination Behaviour of CFRP under Cryogenic Conditions	Recep Ufuk
THE MULTIPLE PLASTIC HINGE PRACTISE FOR COLUMNS IN THE NONLINEAR PERFORMANCE EVALUATION OF RC BUILDINGS	Recep Varan
Exploring Metaphorical and Literal Contents Through Cultural Probes	Rengin Gurel
Using Morphological Chart for Analysing Existing Designs	Renk Hülagü
A Review on Bezier Curves Applications in Computer Aided Geometric Design (CAGD)	Rumeysa AKALIN
"Meşk Tune", A Multi-Functional Tuner App, Prelude to Eastern Music Education Technologies	Ruşen Can Acet
Stress Resistance Analysis of Yeast Strains with Mitotic Exit-Related Gene Deletions	Rüveyda Gargı
The Production of H.P.Oil Incorporated Thermoplastic Polyurethane(TPU) Nanofibers for the Wound Dressing Applications by Emulsion Electrospinning Technique	Rüya Keskinkaya
ANALYSIS OF TURKISH PARTICIPANTS' SPEECHES AT INTERNATIONAL CONGRESSES OF AESTHETICS (ICA)	Saadet Kök
Investigation of Microstructure Movement Under Flow by Using Image Processing and Deep Learning	Saeed Sarbazzadeh Khosroshahi
Effects of Nano Tio2 application for cementitious materials: A review	Sahar Manafvand Ardi
Development of Bio-based Wood Adhesive	Salise Oktay
Voltage Dips Analysis in a Doubly-fed Induction Generator based Wind Turbine using Active Crowbar Protection	Samatar Abdi Yonis
Effects of operational conditions on phosphorus recovery as vivianite	Seda Karabacakoğulları
Effect of Model Detail Level on Reverberation Time Prediction: Example of ODEON Software	Seda Kulak Dalkılıç
Synthesis of EMT Zeolite and Its Coatings in Different Ionic Forms	Sedat Delen
Transonic Aeroelastic Instability for Aircraft Wings	Sefa Öksüz
Retrieving and Classifying Emergency Cases for Smart Home Applications	Seher Mavi Uçar
Spatial Analysis of the Renewable Energy Potential in Antarctica Research Stations	Sehriban Yigit
Effect of Polylactide Molecular Weight on Chain Branching with Multifunctional Epoxides	Selen Kader
Hydrogen Evolution Reaction Performance of Novel 1,3-bis(2 pyridylimino)isoindolines	Selin Gümrükçü
Reading the Ottoman Perception of Archeological Finds Through the Archive: The Case of Khorsabad Excavation (1842-1843)	SELMA SALTOĞLU

Side-Channel Analysis to Neural Processing Unit Architectures	Semih Aslan Sağlamol
Designing Microstrip Patch Antenna at 3.6 GHz by Using Redfox Optimization for the Parameters	Semih PAK
A Struggle for Legitimacy: Kemal İlerici and His Harmonic System	Semih Pelen
Design of a Movable Hotplate System for the Measurement of Forced Heat Convection	Sena Cimilli Duru
Multi-Layered Settlements and Conservation Problems in the Cappadocia Region: The Case of Ürgüp -Akköy Village	Sena Kurçenli Koyunlu
Development of Nanostructured Functional Interlayer for High-Performance Li-S Batteries	Sena Savaş
Iron oxide@rGO nanocomposites: solvothermal synthesis, characterization and performance tests for electrochemical energy storage	Sencer Moral
Monte Carlo Estimation of Spent Fuel Gamma Spectrum and Dose from Measurement System	Senem Şentürk Lüle
Technological Innovation Policies and Structural Economic Transformation in Turkey	Sercan Pişkin
An FPGA Based Sine Function Computer Design Using Controller and Datapath Architecture	Sezer Memiş
Changes in the marine primary productivity in the Marmara Sea (Turkey) during the pastmillennia inferred from the marine sediment biogeochemistry	Sıla Bedir
Synthesis of Porous Boron Carbon Nitride (BxCyNz) and Usage in Wastewater Treatment	Sibel Şentürk
Examination of the Relationship between Spatial Attributes and Age-Friendliness of an Urban Space - Dunya Baris Park Case	Simge Gül Kökçü
Design and Simulation of Micromixers for Efficient Antigen-Antibody Binding	Simge Naz Ertemür
Comparative evaluations between a traditional and a passive house in terms of energy efficiency and global warming potential	Simge Var
Publicness Evaluation of Public Spaces: Aydın City Square	Sinem Becerik Altındiş
A Study on the Development of Multifunctional Solar Panels for Nano and Micro Satellite	Süleyman Soyer
A Study Using Multi-Criteria Decision-Making Method To Increase Capacity and Develop Strategies for the Turkish Clothing Industry	Sümeyye Görkem
Investigation of Building Fire Safety Measures in BIM Environment	Şafak Beşiroğlu
Detection and Diagnosis of DC Faults at Module Level in Photovoltaic Systems	Şakir Kuzey
Use of Computer and Mobile Application Supported Maintenance and Repair Management Systems in the Data Center	Şenol Elik
Near Field Range Profile of Digital Phase Code Radar with Pseudo-Random Noise Sequence	Şevval Karabağ
5G Wideband Slot-Loaded Microstrip Patch Antenna for Brain Tumor Detection	Şevval YILMAZ
Fluxus Movement in Architecture: George Maciunas' Fluxus Cooperatives	Şeyda Aslandoğan Temel
The Impact of Tourism In Historical Sites Of Turkey	Şeyda Şen
Lie Symmetries and Exact Solutions of the Benney–Roskes/Zakharov–Rubenchik System	Şeyma Gönül
INTERNATIONAL GRADUATE RESEARCH SYMPOSIUM - Abstract Submission - Şirin Say	Şirin Say
Architecture for Nobody	Şule Otçu

An Extreme Value Analysis of Significant Wave Heights for the Turkish Coastline	Tahsin Görmüş
Encapsulation of Drug into Biopolymeric Matrices Based on Modified Xanthan Gum and Chitosan Microparticles.	Taylan Baran Yeşil
Root Cause Evaluation of Pilot Embarkation Accidents: The Case Analysis of M/V Saluzi Accident	TUBA KEÇECİ
Analysis of Dynamic Positioning Incidents' Types per Year	Tuğfan Şahin
Community-making: Pop imagination and transformative ballroom	Tuna Öğüt
NET NEUTRALITY IN OLIGOPOLISTIC MODELS OF CONTENT PROVISION AND INTERNET SERVICE PROVISION MARKETS	Turgut Erkul
Potential Effects of Climate Change on Black Sea Water Temperatures	Ufuk Özkan
Impact of Differential Support Settlement on Seismic Capacity of a Substandard RC Frame with Plan Irregularity	Ufuk Yazgan
Chaotic Vibrations in Rotating Elastic Beams	Uğur Tatlıer
Investigation of the Effects of Wing Parameters on Aerodynamic Performance and Stability of a Glider using Response Surface Method	Ukte Aksen
Early Stage Architectural Design and Local Data Relationship in BIM	Ümit Arar
Novel design of transducer for bone conduction use	Utku Ayvaz
Optical and electrical properties of MBE grown CuNiO and MgNiO alloys	Ümit Doğan
Effect of Calcium Lignosulfonate in Urea Formaldehyde Resins for Particleboards	Ümran Burcu Alkan
Importance of Trend Topics for Graduate Students in Construction Management	Vedat Nalioğlu
Effect of Semi-Supervised Self-Data Annotation on Video Object Detection Performance	Vefak Murat Akman
Improvement Insulation Aspects of Glass Reinforced Concrete (GRC) Panels by Using Phase Change Materials.	Yalda Safaralipour
Review of Viscoelastic Coupling Dampers (VCDs) for Seismic Performance of Reinforced Concrete High-Rise Buildings	Yaren Birşen
Artificial Neural Network Tool Development for Flue Gas Sequestration in Depleted Shale Oil Reservoirs	Yasin Burak Bilim
Prediction of Blast–Induced Ground Vibrations by Scaled Distance Equation and Gaussian Process Regression	Yaşar Ağan
Effect of Chain Branching with Multifunctional Epoxides on Rheological and Thermal Behaviors of Polylactide	Yavuz Akdevelioğlu
REDUCTION OF ENGINE TORSIONAL VIBRATIONS VIA HYDRODYNAMIC DAMPERS	Yavuz Aslan
Fabrication of Enhanced Core-Shell Co-ZIF-67@MOx (M = Zn, Mn and K) Nanocomposites via Intermediate Pyrolysis and Plasma Treatment for Fischer Tropsch Synthesis	Yavuz Aydemir
Analysis of Reasons Behind Road Traffic Injuries in Turkey	Yazmin Dasgar
Impact of Socio-Demographic Characteristics on Perceptions towards AVs	Yazmin Dasgar
Radiation damage of plastic scintillators with silicon photomultipliers measured with collision data in the CMS hadronic calorimeter	Yıldıray Kömürcü
Influence of the Design Parameters of High Voltage Underground Cable Systems to Electrical Performances by Finite Element Method	Yunus Berat Demirol
EXTENDING THE INSTRUCTION SET OF RISC-V PROCESSOR FOR ASCON ALGORITHM	Yunus Emre ERYILMAZ
Liquid Crystalline Mesophase Gel Electrolytes for High-Performance Supercapacitor Design	YURDANUR TURKER

A U-Net Based Structure for Segmentation of High-Resolution Wound Healing Assay Time-Series Images	Yusuf Sait ERDEM
Mechanically Behaviour of the Composite Sandwich Plates Under Blast Loading	Yusuf Serdar Odman
Photochemical Methods for Macromolecular Syntheses	Yusuf Yagci
Rethinking Stardom in Popular Music: The Case of Yıldız Tilbe	Yüksel Lamia Özdemir
NONLINEAR TIME SERIES ANALYSIS OF THE EFFECTS OF ENERGY PRICE SHOCKS ON AGRICULTURAL COMMODITIES	ZEHRA ATİK
Photoinitiated Cationic Ring-Opening Polymerization of Octamethylcyclotetrasiloxane	Zehra Gül Çoban
Chatter Suppression by Sinusoidal Spindle Speed Variation in Simultaneous Turning Process of Flexible Workpiece	Zeki Can Oyman
Physical and Mechanical Properties and Abrasivity of Dykes and Surrounding Rocks in İstanbul	Zeyad Torsson
Internet Development in Turkey in Comparison with USA, Netherlands and South Korea	Zeyd Yaşar
A Novel Visible Light Induced Approach for Depolymerization of Poly(Methyl Methacrylate)	Zeynep Arslan
Mechanochemical Synthesis and Characterization of an Equimolar HfMoNbVW Refractory High Entropy Alloy	Zeynep Beyza Doğan
Highly Sensitivite QCM Humidity Sensors with Calcium titanate (CaTiO3)/ Graphene Oxide (GO) Composite-based Film	Zeynep Demirtaş
Agricultural Land Use Change within Growth Context: Evidence from Turkey	Zeynep Erdoğan
Avant-garde readings in everyday life	Zeynep Nur Demireli
Design of decentralized Microgrid based on renewable energy and electric vehicle charging station. A case study of Karabuk university.	Ziyodulla Yusupov
THE EFFECT OF VIRTUAL IMPEDANCE ON INVERTER'S CONTROL TOPOLOGIES IN ISLANDED MICROGRID	Ziyodulla Yusupov
Photocatalytic Activity of Hydroxyapatite/Graphene Oxide Composite for Degradation of Ciprofloxacin in Aqueous Solution	Zozan GÜL