

3rd International Conference on Advanced Engineering Technologies

Conference Program



ICADET



19-21
September

2019

Bayburt

Welcome to ICADET 2019

3rd International Conference on Advanced Engineering Technologies (ICADET) will be organized by Bayburt University on 19-21 September 2019. The main aim of ICADET 2019 is to bring together a wide range of engineering technologies and present the recent research outputs related to specific sub-disciplines of Engineering. ICADET 2019 will be a forum for scientists to discuss new developments and future services, applications and technologies. It is hoped that this conference contributes a significant knowledge to the engineering domain. All accepted and presented submissions will be published in the conference proceedings. The extended version of selected papers will be published in the various journals, subject to review process of the associated journals.

*Best Regards,
ICADET 2019 Organizing Committee*

19.09.2019 – <u>Perşembe/Thursday</u>		
08:30 – 09:30 Kayıt/Registration		
10:00 – 12:00	Opening Speeches	Saygı Duruşu ve İstiklal Marşı/Stand in Silence and Independence March Açılış Konuşmaları/Opening Speeches (Prof. Dr. Gökhan BUDAK Conference Hall)
12:00 – 13:30 Öğle Yemeği/Lunch		
Oturum/Session – 1 13:30 – 14:45	Oral Presentations	1A Session Engin ARIK Hall
		1B Session Banu ONARAL Hall
		1C Session Behram KURŞUNOĞLU Hall
		1D Session Aziz SANCAR Hall
		1E Session Fuat SEZGİN Hall
		1F Session Mustafa İNAN Hall
		1G Session Feza GÜRSEY Hall
		1H Session Oktay SİNANOĞLU Hall
14:45 – 15:00 Kahve Arası /Coffee Break		
Oturum/Session – 2 15:00 – 16:15	Oral Presentations	2A Session Engin ARIK Hall
		2B Session Banu ONARAL Hall
		2C Session Behram KURŞUNOĞLU Hall
		2D Session Aziz SANCAR Hall
		2E Session Fuat SEZGİN Hall
		2F Session Mustafa İNAN Hall
		2G Session Feza GÜRSEY Hall
		2H Session Oktay SİNANOĞLU Hall
16:15 – 16:30 Kahve Arası /Coffee Break		
Oturum/Session – 3 16:30 – 17:30	Oral Presentations	3A Session Engin ARIK Hall
		3B Session Banu ONARAL Hall
		3C Session Behram KURŞUNOĞLU Hall
		3D Session Aziz SANCAR Hall
		3E Session Fuat SEZGİN Hall
		3F Session Mustafa İNAN Hall
		3G Session Feza GÜRSEY Hall
		3H Session Oktay SİNANOĞLU Hall
18:00 – 19:30 Aydıntepe Yeraltı Şehri Gezisi/Aydintepe Underground City Tour		
19:30 – 21:00 Akşam Yemeği/Dinner		

* Registration will start from 08:30 on 19.09.2019 and will continue until 17:30 on 20.09.2019.

20.09.2019 – Cuma/Friday		
Oturum/Session – 4 09:00 – 10:15	Oral Presentations	4A Session Engin ARIK Hall
		4B Session Banu ONARAL Hall
		4C Session Behram KURŞUNOĞLU Hall
		4D Session Aziz SANCAR Hall
		4E Session Fuat SEZGİN Hall
		4F Session Mustafa İNAN Hall
		4G Session Feza GÜRSEY Hall
10:15 – 10:30 Coffee Break		
Oturum/Session – 5 10:30 – 12:00	Oral Presentations	5A Session Engin ARIK Hall
		5B Session Banu ONARAL Hall
		5C Session Behram KURŞUNOĞLU Hall
		5D Session Aziz SANCAR Hall
		5E Session Fuat SEZGİN Hall
		5F Session Mustafa İNAN Hall
		5G Session Feza GÜRSEY Hall
12:00 – 13:30 Lunch		
Oturum/Session – 6 13:30 – 14:45	Oral Presentations	6A Session Engin ARIK Hall
		6B Session Banu ONARAL Hall
		6C Session Behram KURŞUNOĞLU Hall
		6D Session Aziz SANCAR Hall
		6E Session Fuat SEZGİN Hall
		6F Session Mustafa İNAN Hall
		6G Session Feza GÜRSEY Hall
14:45 – 15:00 Coffee Break		
Oturum/Session – 7 15:00 – 16:15	Oral Presentations	7A Session Engin ARIK Hall
		7B Session Banu ONARAL Hall
		7C Session Behram KURŞUNOĞLU Hall
		7D Session Aziz SANCAR Hall
		7E Session Fuat SEZGİN Hall
		7F Session Mustafa İNAN Hall
		7G Session Feza GÜRSEY Hall
7H Session Oktay SİNANOĞLU Hall		
16:15 – 16:30 Coffee Break		
Oturum/Session – 8 16:30 – 17:30	Oral Presentations	8A Session Engin ARIK Hall
		8B Session Banu ONARAL Hall
		8C Session Behram KURŞUNOĞLU Hall
		8D Session Aziz SANCAR Hall
		8E Session Fuat SEZGİN Hall
		8F Session Mustafa İNAN Hall
		8G Session Feza GÜRSEY Hall
8H Session Oktay SİNANOĞLU Hall		
17:30 – 20:00 Bayburt Şehir Gezisi/Bayburt City Sightseeing Tour		
20:00 – 21:30 Dinner		

21.09.2019 Cumartesi/Saturday (*Sosyal Gezi/Social Event*)

10:00 – 15:00 Baksı Müzesi Gezisi/Baksı Museum Tour



Sözlü Sunumlar/Oral Presentations	
Oturum - 1/Session – 1 ⇒ 19.09.2019 / 13:30-14:45	
ID	<u>1A Oturumu/Session, “Engin ARIK Hall”</u>
Davetli Konuşmacı- Keynote Speaker Prof. Dr. Mükerrerem KAYA	
110	<i>The Effect of Dietary Fibers on Human Health</i> Arzu KAVAZ YÜKSEL*, Mehmet YÜKSEL
278	<i>Potential Health Promoting Functions of Exopolysaccharides (EPS) from Lactic Acid Bacteria (LAB)</i> Melike VURMAZ, Engin ŞAHİN, Enes DERTLİ*
263	<i>Emerging Laser-Based Techniques for the Food Quality and Safety Control</i> Erman Kadir ÖZTEKİN*, Sebahat ÖZTEKİN
ID	<u>1B Oturumu/ Session, “Banu ONARAL Hall”</u>
97	<i>Examination of the Effect of Module Change on Microstructure of Spherical Graphite Cast Iron Production</i> Murat ÇOLAK*, Oğuzhan ÇOLAK
218	<i>The Effect of Grain Refined and Modifier on Wear Properties in Casting of Eutectic Al-Si Alloys into Sand and Permanent Mold</i> Murat ÇOLAK, İbrahim ARSLAN*, Salih Hakan YETGİN
61	<i>Analysis and Compressor Analysis of Double Stage Turbocharger</i> Muhammed Taha TOPCU, Esra URMAMEN*, Kadir BİLEN
252	<i>Evaluations on Energy Identity Certificate and Energy Performance Calculation Method in Buildings (BEP-TR2)</i> Esra URMAMEN*, Kadir BİLEN, Muhammed Taha TOPCU
516	<i>Drying Performance of Green Apple in a Tray Dryer</i> Alperen TOZLU*
ID	<u>1C Oturumu/ Session, “Behram KURŞUNOĞLU Hall”</u>
52	<i>Future of Renewable Energy Production: OECD Study</i> Abdulkadir ATALAN*, Yasemin AYAZ ATALAN
80	<i>Another View of Factorial Experiments for Process Optimization</i> Akın ÖZDEMİR, Metin UÇURUM*, Hüseyin SERENCAM
94	<i>Evaluating and Selecting E-Learning Products Based on SWARA-WASPAS Methodology</i> Pelin ÇELİK*
217	<i>Efficiency Assessment of Geothermal Power Plants in Turkey</i> Şeyma EMEÇ*, Özlem ÇOMAKLI SÖKMEN, Gökay AKKAYA, Mustafa YILMAZ
219	<i>Efficiency Assessment of Wind Power Plants in Turkey</i> Şeyma EMEÇ*, Tuba ADAR, Gökay AKKAYA, Elif KILIÇ DELİCE
ID	<u>1D Oturumu/ Session, “Aziz SANCAR Hall”</u>
268	<i>Nitric Oxide Regulated Amino Acid and Organic Acid Content of Chickpea Seedling Under Salt Stress</i> Esin DADAŞOĞLU, Melek EKİNCİ, Ertan YILDIRIM*, Metin TURAN
269	<i>Effect of Nitric Oxide on Amino Acid and Organic Acid Content of Pea Seedling Under Salt Stress</i> Esin DADAŞOĞLU, Melek EKİNCİ*, Ertan YILDIRIM, Metin TURAN
293	<i>A Research on the Development of Rootworm-Resistant Sainfoin (Onobrychis sativa L.) Varieties</i> Zeynep DUMLU GÜL*, Mustafa TAN
247	<i>Importance and Cold Resistance of Perennial Ryegrass (Lolium perenne L.) and Bermudagrass (Cynodon dactylon L. (Pers.))</i> Zeynep DUMLU GÜL*
78	<i>Stochastic Investigation of a Crop Pest Management Model with Awareness</i> Zafer BEKİRYAZICI*

ID	<u>1E Oturumu/ Session, "Fuat SEZGİN Hall"</u>
29	Phase Change Materials (PCMs) used for Latent Heat Thermal Energy Storage (LHTES) Ahmet SARI*
251	Determination of the Structural Properties of NiCr2O4 and Ti Doped NiCr2O4 Thin Films Grown by Radio Frequency Sputtering Technique (RF) and Gas Sensor Application Erdal TURGUT, Sevda SARITAŞ*, Emre GÜR, Muhammet YILDIRIM
30	Eutectic Paraffin Mixture/Polymer Composite PCM for Thermal Energy Storage: Synthesis and Characterization Ahmet SARI*
245	Production of Natural Rubber from Tragopogon Aureus Boiss Ezgi GEREZ, Özlem KORKUT*, Yasemin KUŞLU
273	A Facile Synthesis of Graphene Hydrogel Encapsulated Cobalt Nanoparticles as Catalysts for Hydrogen Generation from Ammonia Borane Hydrolysis İbtiyel ZAİER*, Hasan CAN, Önder METİN
ID	<u>1F Oturumu/ Session, "Mustafa İNAN Hall"</u>
11	Statistical Modeling of Annual Maximum of Precipitation Data: A Case Study of Bayburt Province Gökçen ERYILMAZ TÜRKKAN, Tuğçe HIRCA*
15	Trend Analysis of Precipitation in Some Selected Stations in Turkey Tuğçe HIRCA*, Gökçen ERYILMAZ TÜRKKAN
22	Trend Assessment of Precipitation and Temperature Records in Yesilirmak Basin Uğur SERENCAM*, İsmail DABANLI
63	Evaluation of Hydrologic Droughts by Using Standardized Runoff Index (SRI) Okan Mert KATİPOĞLU*, Reşat ACAR
99	Analysis of Meteorological Droughts by using Standardized Precipitation Evapotranspiration Index (SPEI) Okan Mert KATİPOĞLU*, Reşat ACAR
ID	<u>1G Oturumu/ Session, "Feza GÜRSEY Hall"</u>
230	Temperature Dependent Electrical Characteristics of Au/In2S3/n-InP/In Diode Tuba ÇAKICI*, Mustafa SAĞLAM
16	A Practical Eyewear Solution for Visually Impaired People Erhan SESLİ*
90	The Classification of Alternative Energy Sources Technology Programs in Vocational Schools of Turkey Ahmet KARAKAŞ, Ahmet TEBER*
145	Magnetron Sputtered MoO3 Films for Electrochromic Devices Günay MERHAN MUĞLU*, Aylar FEİZOLLAHİ VAHİD, Emre GÜR
157	RF Power Effects on the Magnetron Sputtered WO3 Thin Films Günay MERHAN MUĞLU*, Emre GÜR
ID	<u>1H Oturumu/ Session, "Oktay SİNANOĞLU Hall"</u>
294	Stress Analysis in Contact Problem of a Functionally Graded Layer and Homogeneous Substrate Erdal ÖNER*, Ahmet BİRİNCİ
305	Cost Efficiency Related to Lead Rubber Bearing for Reinforcement Muhammet YURDAKUL*, Mehmet Burak YILDIZ
310	Effect of Variable-Repetitive Load Ratio on Fatigue Behaviour of Notched Beam Mustafa ERGÜN*, Şevket ATEŞ
246	Ilyasbey Mosque Minaret's Vibration Test and Model Calibration Temel TÜRKER*, Yusuf YANIK
264	Analysis on Prestressed Precast Girder Bridge with Different Span and Widths Bilal KUNT, Temel TÜRKER*, Yusuf YANIK

Oturum - 2/Session – 2 ⇒ 19.09.2019 / 15:00-16:15	
2A Oturumu/ Session, “Engin ARIK Hall” (Özel Oturum-Special Session)	
<i>Prof. Dr. Mehmet ERTUĞRUL</i>	
<i>Prof. Dr. Javier CAMPO</i>	
<i>Prof. Dr. Mohd Nizar HAMİDON</i>	
<i>Prof. Dr. Luis Alberto ANGUREL</i>	
ID	2B Oturumu/ Session, “Banu ONARAL Hall”
51	<i>Logistic Performance Index of OECD Members by Estimation Series Abdulkadir ATALAN*, Yasemin AYAZ ATALAN</i>
95	<i>Evaluating the Financial Performance with Fuzzy TOPSIS: Case of Paper Products, Printing and Publishing Companies Traded at BIST Pelin ÇELİK*</i>
195	<i>Estimation of Health Expenditure Per Capita: OECD Countries Zeliha ÇINAR, Mehmet ÇINAR*, Abdulkadir ATALAN</i>
255	<i>A Fuzzy Expert System for the Risk Level of Asthma Çağatay TEKE, Didem GÜLERYÜZ*, Dilşad GENÇ, Semanur ÖZEN</i>
220	<i>Investigation of the Effect of the Number of Criteria on the Threshold Value in Autocratic MAGDM Methodology Based on Interval Valued Intuitionistic Fuzzy Set (IVIF): An Application via MATLAB Software Ferhat YUNA*, Tuba ADAR, Şeyma EMEÇ, Burak ERKAYMAN, Elif KILIÇ DELİCE, Gökay AKKAYA</i>
ID	2C Oturumu/ Session, “Behram KURŞUNOĞLU Hall”
532	<i>Determination of Some Properties of Straw Added Silages Made from Different Apple Varieties M. Kerim GÜLLAP, Mustafa TAN, Sedat SEVEROĞLU*</i>
533	<i>Determination of Cool Season Grass Species and Varieties to be to Create Green Area in Erzurum Conditions Mustafa TAN*, Abdullah YAZICI, Zeynep GÜL</i>
534	<i>The Effects of Vermicompost and Nitrogen Applications in Different Doses on Yield and Some Traits of Silage Corn Yakup TOBAY, Mustafa TAN*</i>
151	<i>Nano Agriculture: Opportunities Semra ÇİÇEK*</i>
236	<i>Nano Agriculture: RISKS Semra ÇİÇEK*</i>
ID	2D Oturumu/ Session, “Aziz SANCAR Hall”
177	<i>Inhibitive and Adsorption Behaviour of Date Palm Hemicellulose on Mild Steel Corrosion in Sulphuric Acid Media Messaoud GOUAMID*, Lazhar BENMEBROUK, Khaled CHARRADI</i>
113	<i>Synthesis and Characterization of ZnO Nanostructures via a CTAB-Assisted Hydrothermal Process Elif ERÇARIKCI*, Murat ALANYALIOĞLU</i>
47	<i>NiCu/Graphene Oxide Paper for Removal of Safranin Dye from Aqueous Solutions by Adsorption: A Facile Green Approach Ezgi TOPÇU*</i>
250	<i>Comparison of the as Deposited NiCr2O4:Al and NiO:Al Thin Films Together with Devices Grown by Radio Frequency Sputtering Technique Sevda SARITAŞ*, Erdal TURGUT, Muhammet YILDIRIM, Emre GÜR</i>
213	<i>Inhibition Effects of 6-Aminopyridine-3-Sulfonamide and Naphthalene-2-Sulfonamide on Human Carbonic Anhydrase I and II Isoenzymes Zuhal ALIM*</i>

<u>ID</u>	<u>2E Oturumu/ Session, "Fuat SEZGİN Hall"</u>
184	<i>The Effect of Construction Errors on the Hydrodynamic Behaviour of the Oxidation Ditches</i> Rahim ŞİBİL*, Egemen ARAS
187	<i>Evaluation of Eastern Black Sea Floods in the Context of Artvin and Trabzon Floods</i> Ömer YÜKSEK*
188	<i>Strategic Environmental Assessment (SEA) Process in Hydroelectric Power Plants</i> Ömer YÜKSEK*, Büşra VELİOĞLU
510	<i>Stabilization of High Plasticity Clayey Soil with Silica Fume</i> Fatih YILMAZ, Ersin DEMİR*
511	<i>Stabilization of Clayey Soil under Freeze-Thaw Effect with Lime and Marble Powder</i> Fatih YILMAZ, Ersin DEMİR*
<u>ID</u>	<u>2F Oturumu/ Session, "Mustafa İNAN Hall"</u>
256	<i>Weibull Distribution of Electrical Conductivity of A356 Aluminium Alloys via Vibrational Casting</i> Çağlar YÜKSEL*
98	<i>Investigation of the Effect of Module Change on Mechanical Properties of Spherical Graphite Cast Iron Production</i> Oğuzhan ÇOLAK*, Murat ÇOLAK
125	<i>Effect of Friction-Stir Processing on the Microstructure, Mechanical and Corrosion Behavior of a Low Carbon Steel Used in Ship Panel Construction</i> Dursun Murat SEKBAN*, Genççağ PÜRÇEK
102	<i>Investigation of Mechanical and Tribological Properties of Glass Fiber Filled Polyoxymethylene Polymer</i> Salih Hakan YETGİN*, Murat ÇOLAK
127	<i>Impact Toughness of Single Pass Equal Channel Angular Pressed Low Carbon Shipbuilding Steel</i> Dursun Murat SEKBAN*
<u>ID</u>	<u>2G Oturumu/ Session, "Feza GÜRSEY Hall"</u>
136	<i>Microbiological Properties of Erzincan Tulum Cheeses Produced from Raw and Pasteurized Akkaraman Sheep's Milk During the Ripening</i> Yusuf ÇAKIR*, Songül ÇAKMAKÇI
123	<i>Production of Oligosaccharides by Glucanucrase Enzymes from Sucrose and Their Functional Role</i> Humeyra İSPIRLİ*, Osman SAGDIC, Enes DERTLİ
286	<i>Use of Nanoencapsulated Lactic Acid Bacteria (LAB) in Food Products</i> Zafer CEYLAN, Emin USLU, Enes DERTLİ*
530	<i>Antioxidant Properties of Lactic Acid Bacteria Isolated/Identified from Pastırma</i> Kübra CİNAR TOPCU*, Güzin KABAN
141	<i>Shelf Life of Probiotic Ice Cream Produced with Cinnamon</i> Hatice ERTEM*, Songül ÇAKMAKÇI
<u>ID</u>	<u>2H Oturumu/ Session, "Oktay SİNANOĞLU Hall"</u>
287	<i>Detection of Microbial Diversity in Kefir Grains by HRM Analysis</i> Burcu BAZU ÇIRPICI*, Hacer MERAL, Haktan AKTAŞ, Bülent ÇETİN
503	<i>Functional Ice Cream Technology and Nutraceutical Components Used in Production</i> Ayla ARSLANER*, Mehmet Ali SALIK
504	<i>Resveratrol</i> Ayla ARSLANER*, Zehra TÜRKOĞLU
508	<i>Furosine in Foods</i> Pınar ANLAR*, Mükerrerem KAYA, Güzin KABAN
529	<i>Occurrence of Nitrosamines in Sucuk and Heat-Treated Sucuk</i> Zerrin POLAT*, Güzin KABAN, Mükerrerem KAYA

Oturum - 3/Session – 3 ⇒ 19.09.2019 / 16:30-17:30	
ID	3A Oturumu/ Session, “Engin ARIK Hall”
249	The Effect of Mechanical Vibration on Casting Properties of Grain Refined A356 Alloy Abdulahdi KOŞATEPE*, Ahmet KABİL
35	Determination of Mechanical Properties of Single Lap Adhesive Joints Subjected to Uniaxial Tensile Load Elanur ÇELEBİ KAVDIR*, Murat Demir AYDIN
71	A Literature Review on Supersonic Shear Stress Imaging and its in-vivo Applications Abdullah Tahir ŞENSOY*, Can ÖZCAN
36	Determination of Mechanical Properties of Single Lap Adhesive Joints Subjected to Four Point Bending Load Elanur ÇELEBİ KAVDIR*, Murat Demir AYDIN
ID	3B Oturumu/ Session, “Banu ONARAL Hall”
240	An Overview of Chinese Postman Problem Özlem ÇOMAKLI SÖKMEN, Şeyma EMEÇ*, Mustafa YILMAZ, Gökay AKKAYA
285	Demand Forecasting with Artificial Neural Networks Model in Food Industry Çağatay TEKE, Didem GÜLERYÜZ*, Cansu ÇALIŞ, Elif GÜNEŞ, Kevser DOĞAN
216	An Intuitionistic Multiplicative TOPSIS Method for a Supplier Selection Problem Ali KÖSEOĞLU*, Rıdvan ŞAHİN
302	Determination of Weibull Distribution Parameters and an Application Çağatay TEKE*, Mümtaz İPEK, Emin GÜNDOĞAR, İmdat TAYMAZ
ID	3C Oturumu/ Session, “Behram KURŞUNOĞLU Hall”
229	A review: Biosensor Applications In Agriculture Yahya Yasin YILMAZ*
259	The Distribution of the World's Most Grown Geophytes in Bayburt Region Abdurrahman SEFALİ*, Betül GIDİK
258	Determination of Field Weed Species of Brassicaceae Family in Bayburt Province Abdurrahman SEFALİ*, Betül GIDİK
174	Ultrastructure of the Male Terminalia of Sarcophaga (Liosarcophaga) emdeni (Rohdendorf, 1969) (Diptera: Sarcophagidae) Gamze PEKBAY*
ID	3D Oturumu/ Session, “Aziz SANCAR Hall”
37	Efficient Biocatalytic Synthesis of (S)-1-(4-Methoxyphenyl) Ethanol by Saccharomyces Uvarum as a Whole-cell Biocatalyst Engin ŞAHİN*, Enes DERTLİ
292	Investigation of the Usability of Cobalt Ferrite Nanoparticles As Photo-Catalyst in Dyestuff Removal by Photocatalytic Oxidation from Wastewaters Zeynep KARCIOĞLU KARAKAŞ*, İbrahim Hakkı KARAKAŞ
38	Synthesis of Enantiopure (S)-1-(2-Chlorophenyl) Ethanol Using Whole-cell Lactobacillus Curvatus Biotransformation Engin ŞAHİN*, Enes DERTLİ
48	Fabrication of FeCo-Magnetic Composite/Graphene Oxide Paper as Adsorbent for Removal of Acriflavine Dye from Aqueous Solutions Kader DAĞCI KIRANŞAN*
ID	3E Oturumu/ Session, “Fuat SEZGİN Hall”
54	Contact Problem for Functionally Graded Layer Pressed by a Rigid Punch Merve ABANOZ, Murat YAYLACI*, Ahmet BİRİNCİ
129	Determination of Mechanical Properties for Welded Steel Joints Umut Yaşar UZUNALI, Hamdullah CUVALCI, Barbaros ATMACA*, Serhat DEMİR
160	Analytical Solution of Continuous Contact Problem in Functionally Graded Layer Resting on Rigid Plane Yusuf KAYA*, Alper POLAT, Talat Şükrü ÖZŞAHİN
284	A Finite Element Modelling for Interface Separation in Contact Problem of Functionally Graded Layer and Homogeneous Half Space Murat YAYLACI*, Erdal ÖNER, Gökhan ADIYAMAN, Ahmet BİRİNCİ

<u>ID</u>	<u>3F Oturumu/ Session, "Mustafa İNAN Hall"</u>
53	Mathematical Modelling of the Random Spread of Malware Under Mutation using Random Differential Equations Zafer BEKİRYAZICI*
186	Controlling of Absorption Threshold of Transparent SrF ₂ -Ge Ceramic Glass Film Mojtaba FARHANGMEHR*, Mehmet ERTUGRUL
536	Development of an Octagonal Microstrip Patch Antenna Array for WIMAX and WLAN Applications Abdullahi Auwal GABARI, Zainab YUNUSA, Mohd Nizar HAMIDON
535	Design and Simulation of a Ground Slotted Microstrip Antenna for X-Band Applications Aminu Atiku SHEHU, Zainab YUNUSA, Mohd Nizar HAMIDON
<u>ID</u>	<u>3G Oturumu/ Session, "Feza GÜRSEY Hall"</u>
275	The Investigation of Flow Rate Effect on Leachate Treatment by Electrooxidation Process Alper Erdem YILMAZ, Yeşim Dede SAĞSÖZ*, Merve SAKARYA, İbrahim CENGİZ
312	The Investigation of pH Value and Current Density Effects on Domestic Wastewater Treatment by Electrocoagulation Process in the Batch System Yeşim DEDE SAĞSÖZ*, Alper Erdem YILMAZ, İbrahim CENGİZ
307	COD Removal from Slaughterhouse Wastewater using Laboratory Scale Membrane Bioreactor Süleyman UZUNER, Burhanettin FARİZOĞLU, Baybars Ali FİL, Esmâ Sultan ORTAASYALI, Serpil MERT HEKİM, Sinan KUL*
176	Mercury Ions Removal from Aqueous Solution by Functionalized Nano-Cellulose Messaoud GOUAMID*, Abdelkader BENMENINE, Soufiane BENHAMIDA
<u>ID</u>	<u>3H Oturumu/ Session, "Oktay SİNANOĞLU Hall"</u>
291	"The Synthesis of Cobalt Ferrite Nanoparticles with Microwave-Assisted Combustion Method by Using Glycine as Fuel İbrahim Hakkı KARAKAŞ*, Zeynep KARCIOĞLU KARAKAŞ
513	Fineness Effect of Lime in Soil Stabilization on Strength Behaviour of Clayey Soil Fatih YILMAZ, Sefa KOCABEY
514	Seismic Performance Comparison of a Building Made with Old Masonry Bayburt Stone According to Old and New TDY. Ömer CAN*, Selçuk ÇİMEN, Elif YILMAZ, Baraka CIZA
515	Utilization of Unconfined Compressive Strength Tests and Computed Tomography Method in Soil Stabilization Fatih YILMAZ*, Hakan Alper KAMILOĞLU, Erol ŞADOĞLU
528	Relation Between Discharge and River Basin Morphometry: A Case Study of Sorgun River Basin (Mersin-Turkey) Ümit YILDIRIM*, Seifeddine JOMAA, Cüneyt GÜLER, Michael RODE

Oturum - 4/Session – 4 ⇒ 20.09.2019 / 09:00-10:15	
ID	4A Oturumu/ Session, “Engin ARIK Hall”
115	Determination of Vibration Behaviour of Adhesively Bonded Joint Mustafa YAMAN*, Mehmet Fatih ŞANSVEREN, Sinan MARAŞ
42	Investigation of the Influence of Weld Defects on the Mechanical Behaviour of Cold Metal Transfer (CMT) and Cold Metal Transfer Pulsed (CMT-Pulsed) Arc Welded AA7075-T6 Al-Alloy Butt Joints Hüseyin Tarık SERİNDAG, Gürel ÇAM*
124	Mechanical Properties of Resistance Spot Welded Three-Sheet Stack Joints of Dissimilar Steels in Different Welding Time Levent SELOVA, Hakan AYDIN, Oguz TUNCEL*, Oktay CAVUSOGLU
72	Oxidation Resistance of Silver Coated Copper Powders with Different Morphologies Onur GÜLER*, Temel VAROL, Ümit ALVER, Aykut ÇANAKÇI, M.Ali ÇABUK
185	Effect of Electrode Force on Mechanical Properties of Triple Joined Dissimilar Steel Sheets by Resistance Spot Welding Oguz TUNCEL*, Hakan AYDIN, Oktay CAVUSOGLU, Levent SELOVA
ID	4B Oturumu/ Session, “Banu ONARAL Hall”
196	Critique of Quality Tools in Healthcare: A Literature Survey Zeliha ÇINAR, Mehmet ÇINAR*, Abdulkadir ATALAN
282	Visual Software for Assembly Line Balancing Techniques Hamid YILMAZ*, Yunus DEMİR
295	Material Requirements Planning and an Application of Cable Duct Product Çağatay TEKE*, Didem GÜLERYÜZ, Aylin UÇAR
298	Demonstrating the use of Artificial Neural Networks for Demand Forecasting with a Case Study Çağatay TEKE*, Ozan SAĞLAM, Özgür ÖZTÜRK
ID	4C Oturumu/ Session, “Behram KURŞUNOĞLU Hall”
76	The Effects of Priming Treatments on Seed Germination of Kiwifruit (<i>Actinidia deliciosa</i>) cv. Hayward Özlem ÇAKIR*, Sezai ERCİŞLİ
261	Uses and Benefits of Quinoa (<i>Chenopodium quinoa</i> Willd.) Tuğçe KUTAY*, Betül GIDİK
262	Factors Affecting Seed Yield in Quinoa (<i>Chenopodium quinoa</i> Willd.) Tuğçe KUTAY*, Betül GIDİK
74	Fatty Acid Composition of Kalecik Karası Grape Seed that Belongs to <i>Vitis Vinifera</i> Betül GIDİK*
75	Fatty Acid Composition of Variety of Ürgüp Sivrisi Pumpkin Seeds Betül GIDİK*
ID	4D Oturumu/ Session, “Aziz SANCAR Hall”
33	Thermal Energy Storage Properties of Palygorskite/Capric Acid-Myristic Acid Composite PCM Ahmet SARI, Gökhan HEKİMOĞLU*
32	Fly Ash Based-Composite Phase Change Material for Thermal Energy Storage in Buildings Ahmet SARI, Gökhan HEKİMOĞLU*
56	CuxO (x=1 or 2)/ERGO Nanocomposite Electrodes for Amperometric Detection of Dopamine Emir ÇEPNİ, Hülya ÖZTÜRK DOĞAN, Bingül KURT URHAN, Mesut ERYİĞİT
65	Modular Carbon Capture Seçgin KARAGÖZ*
57	Amperometric Detection of H ₂ O ₂ on Prussian Blue Nanocubes Decorated Electrochemical Reduced Graphene Oxide Electrode Mesut ERYİĞİT, Emir ÇEPNİ*, Eftade Pınar GÜR, Elif TEMUR, Bingül KURT URHAN, Hülya ÖZTÜRK DOĞAN, Tuba ÖZNÜLÜER ÖZER

ID	4E Oturumu/ Session, "Fuat SEZGİN Hall"
253	Glass Fiber Reinforced Concrete Foundations Osman KARA*
231	An Evaluation on the Seismic Performance of the Wing Wall of Box Culvert Considering the Soil-Structure Interaction Kasif Furkan OZTURK*, Tufan ÇAKIR
232	An Overview to the Dynamic Behaviour of the T Type Cantilever Retaining Wall Taking Into Account the Soil-Structure Interaction Phenomenon Tufan ÇAKIR, Kasif Furkan OZTURK*
254	Effect of Natural Water Content on Shear Wave Velocity in Some Sakarya Soils Osman KARA*, Tufan ÇAKIR
137	Statistical Downscaling of Monthly Mean Air Temperature Using NCEP/NCAR Re-analysis Data: A Case Study for the Eastern Black Sea Basin Sinan NACAR*, Murat KANKAL, Umut OKKAN
ID	4F Oturumu/ Session, "Mustafa İNAN Hall"
44	Real-Time Digital Control of an Electric Furnace Ali GÜNEY*, Meltem TEMİZKAN, Doğançan SAMUK, Oğuzhan ÇAKIR
101	Design and Implementation of Single Phase AC Voltage Controller with Phase Triggering Control Muhammed Reşit ÇORAPSIZ*, Hakan KAHVECİ, Muhammed Fatih ÇORAPSIZ
146	Comparison Operation of SPWM and SVPWM Control for Three-Phase Two-Level Voltage Source Rectifier Halil İbrahim YÜKSEK*, Okan GÜNGÖR
148	Modeling DC-DC Converters and Comparison of Their Performance in Finding Mpp in Solar Panels Okan GÜNGÖR, Halil İbrahim YÜKSEK*
77	Minimization of Torque Ripples in Brushless DC Motors Muhammed Reşit ÇORAPSIZ*, Hakan KAHVECİ
ID	4G Oturumu/ Session, "Feza GÜRSEY Hall"
62	"White Gold" of the Desert: Camel Milk Seval Sevgi KIRDAR*
210	Natural Bioactive Components in Milk Composition and the Effects of These Components on Human Health Murat Emre TERZİOĞLU*, İhsan BAKIRCI
152	Some Physicochemical Properties of Honey Samples from Black Sea Region Nesrin ECEM BAYRAM*, Mustafa Onur YÜZER
83	Effect of Marinating with Vegetables on Sensorial and Thermal Properties of Beef Aybike KAMILOĞLU*, Tuğba ELBİR, Kübra ÇİNAR TOPÇU
527	Investigation of the Effects of Robotic Systems on Herd Health and Protection in Livestock Vecihi AKSAKAL*, Bülent BAYRAKTAR, Emre TEKCE

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109	Investigation of Maximum Work Potentials in a Vessel Diesel Engine Waste Heat According to Carnot Theory Betül SARAÇ, Erhan AKSU*, Cihan NACAK
271	A Solar Driven System for Trigeneration of Power, Cooling and Seawater Desalination Hamoda GNAİFAİD*, Hasan ÖZCAN
276	Thermodynamic Analyses of an Actual Power Plant Alperen TOZLU*, Yekta Tolga BÜYÜKMURAT, Emrah ÖZAHİ
168	Experimental Investigation of the Effects of n-Butanol/Gasoline Blends on Engine Performance and Exhaust Emissions in a Spark Ignition Engine Zehra ŞAHİN, Orhan Nazım AKSU*, Coşkun BAYRAM
204	Measurement and Prediction of Dynamic Viscosities of Vegetable Oil-Diesel Fuel Blends Mert GÜLÜM*, Atilla BİLGİN
205	The Effects of Transesterification Reaction Parameters on Viscosity of Waste Cooking Oil Biodiesels Produced by Using Potassium Methoxide and Ethanol Mert GÜLÜM*, Atilla BİLGİN
ID	5B Oturumu/ Session, “Banu ONARAL Hall”
277	Investigation of Temperature Changes in High Speed Milling of Carbide Tools Coated with Different Ceramic Films Y. Murat DURMAZ, Gürkan KAYA*, İlyas HACISALİHOĞLU, Fatih YILDIZ
267	Effect of Punch Radii on Deep Drawing Performance of 7449 Aluminum Sheets Muhammed Emin ERDİN*, Ali ÖZGEDİK
126	Fabrication and Investigation of Properties of Hydroxyapatite-CNT Bioceramics Serdar ÖZKAYA*, Aykut ÇANAKCI, A.Hasan KARABACAK, Müslim ÇELEBİ
150	Dynamic Analysis of Laminated Syntactic Foam Beams Sinan MARAŞ*, Mustafa YAMAN, Mehmet Fatih ŞANSVEREN
153	Dynamic Analysis of Hybrid Laminated Composite Curved Beam Sinan MARAŞ*, Mustafa YAMAN
193	Compression Properties of CNF/CNT Reinforced Syntactic Foam Mustafa YAMAN, Mehmet Fatih ŞANSVEREN*, Habib UYSAL
ID	5C Oturumu/ Session, “Behram KURŞUNOĞLU Hall”
23	Damage Effects on a Reduced-Scale Historical Masonry Arch Bridge Model by Using Operational Modal Analysis Emre ALPASLAN*, Zeki KARACA
26	Response Surface-Based Finite Element Model Calibration of a One-Span Historical Masonry Bridge Emre ALPASLAN*, Zeki KARACA
79	Discrete Optimization of Large-Scale Dome Structure Tayfun DEDE*, Maksym GRZYWIŃSKI
88	Cables Size Optimization of Cable-Stayed Bridge Barbaros ATMACA*, Tayfun DEDE, Maksym GRZYWIŃSKI, Jacek SELEJDAK
198	Barrel Vault Structure Optimization Using Rao-1 Algorithm Tayfun DEDE*, Maksym GRZYWIŃSKI, Ravipudi Venkata RAO
509	Investigation of Reliabilities of Rectangular Columns Retrofitted with Concrete Jacketing Meltem DURMUŞ, Ertekin ÖZTEKİN

ID	<u>5D Oturumu/ Session, "Aziz SANCAR Hall"</u>
64	Chemical Process Intensification by Modular Design Seçgin KARAGÖZ*
86	Production of Activated Carbon from Miswak by Using Chemical Activation Method Cemal MERCAN, Meltem KIZILCA ÇORUH, Serdar ARAL, Ayşe Vildan BEŞE*
8	Effect of Ultrasound on the Dissolution of Ulexite in H ₂ SO ₄ Solution Melike SINIRKAYA*
87	Optimization of Drying Rosmarinus Officinalis Plant With Response Surface Method Meltem KIZILCA ÇORUH, Serdar ARAL, A. Vildan BEŞE*
9	Effect of Ultrasound on the Dissolution of Phosphate Ore in Dilute H ₃ PO ₄ Solutions (Mardin-Mazıdağı-Turkey) Melike SINIRKAYA*
31	A Clay/Polymer Composite Phase Change Material for Thermoregulation of Buildings Ahmet SARI, Alper BİÇER, Gökhan HEKİMOĞLU*, Mohammed OUIKHALFAN
ID	<u>5E Oturumu/ Session, "Fuat SEZGİN Hall"</u>
140	Thermal Performance of Protected Composite Slab-Beam Systems Exposed to Fire Burak Kaan ÇIRPICI*, Suleyman Nazif ORHAN, Türkey KOTAN
164	Sensitivity Analysis of Vibration Response of Euler Beam to Moving Load and Various Depth of Elastic Foundation Amin GHANNADIASL, Fatemeh GHANNADIASL*, Hasan REZAEI DOLAGH
116	The Effect of Fly Ash on Short Term and Long Term ASR Mortar Bar Test Methods Burak SİVRİKAYA, İlhami DEMİR*, Özer SEVİM
156	The Effect Of Afşin Elbistan Fly Ash Additive On Short and Long Term Compression Strength In Concrete Demet DEMİR ŞAHİN*, Mustafa ÇULLU
158	The Effect Of Different Fineness Values Of Afşin Elbistan Fly Ash On Permeability In Concrete Demet DEMİR ŞAHİN*, Mustafa ÇULLU
512	Effect of Waste Cooking Oil Use in the Modification of Sbs Modified Asphalt Binder Erman ÇAVDAR*, Aytuğ KUMANDAŞ, Şeref ORUÇ
ID	<u>5F Oturumu/ Session, "Mustafa İNAN Hall"</u>
17	An IoT-based Restaurant Calling System with QR Code Özkan TAŞTAN, Nesimi AKPINAR, Selahattin KOŞUNALP*
89	Coverage of Energy Antenna Radiating in Different Frequencies for Randomly Distributed Sensor Nodes Ahmet ZORLU, Selahattin KOŞUNALP, Mehmet Barış TABAKÇIOĞLU*
183	Design of Smart Elevator using Internet of Things Architecture Ramazan KILIÇ, Engin ERBAYRAK, Selahattin KOŞUNALP*
128	Techno-Economic Analysis of Software-Defined Networking (SDN) and Various Control Plane Models Murat KARAKUŞ*, Arjan DURRESI
182	A First Look on QoS-enabled Inter-AS Routing in Software Defined Networks (SDN) using Smart Contracts of Blockchain Technology Murat KARAKUŞ*, Doruk AYBERKİN
521	Radiation Protection Features of Some Important Ternary Carbide Ceramics Bünyamin ALIM*
ID	<u>5G Oturumu/ Session, "Feza GÜRSEY Hall"</u>
200	Functional Foods as Milk and Dairy Products Songül ÇAKMAKÇI, Hatice ERTEM*
235	Bakteriophage Solutions Against Clostridium Tyrobutyricum in Dairy Industry Fatma Nur DEMİRBAŞ*, Muhammet ARICI, Enes DERTLİ
288	Detection of Microbial Diversity in Industrial Yoghurt Samples by HRM Analysis Haktan AKTAŞ*, Hacer MERAL, Burcu BAZU ÇIRPICI, Bülent ÇETİN
266	Physical, Chemical and Sensory Properties of Hazelnut Milk Enriched with Vitamin C Sakine Kübra ÇELİK, Emre TURAN, Atilla ŞİMŞEK*
142	Technological and Functional Properties of Yeast Isolated from Kashar Cheese Zühal ALKAY*, M. Zeki DURAK, Enes DERTLİ
531	Relationship between Colour and Some Quality Parameters of Butter Halil İbrahim AKGÜL, Mustafa ŞENGÜL

Oturum - 6/Session – 6 ⇒ 20.09.2019 / 13:30-14:45	
ID	6A Oturumu/ Session, “Engin ARIK Hall”
265	Determination of Damages of Historical Bayburt Grand Mosque Subjected to Different Earthquake Ground Motions Muhammet YURDAKUL*, Fatih YILMAZ, Musa ARTAR
270	Investigation of the Waste Zinc Slag on the Workability and Mechanical Properties of Cement Based Mortars İlhan ASLAN, Meral OLTULU*, Cenk KARAKURT
280	Effect of Loading Type and Distance between Load Impact Points on Fatigue Behaviour of Notched Beam Mustafa ERGÜN*, Şevket ATEŞ
192	The Effects of Reinforcing Guide Bars in RC Slabs Zeliha TONYALI*, Ali GÜRBÜZ, Muhammet ZEYİN
207	The Use of Mobile Technology in the Construction Industry Gonca KAMBER YILMAZ*, Hasan Basri BAŞAĞA, Bayram Ali TEMEL
ID	6B Oturumu/ Session, “Banu ONARAL Hall”
279	Experimental and Numerical Investigation of Single Pile Subjected to Vertical Load in Sand Bayram ATEŞ*, Erol ŞADOĞLU
289	Numerical Analysis of Active Earth Pressures on Inverted T Type and Semi-Gravity Walls Hakan Alper KAMILOĞLU*, Erol ŞADOĞLU, Fatih YILMAZ
296	Determination of Forest Fire Area by Using Satellite Images: Muğla Case Bahadır KURNAZ*, Çağlar BAYIK, Saygın ABDİKAN
34	Investigation of Geotechnical Properties of Bigadic Boron Plant Waste Clay Emrah TURAN*, Zeynep Neşe KURT ALBAYRAK
311	Effect of the Length and Content of Fibers on the Shear Strength of Randomly Distributed Fiber-Reinforced Soil Saeid ZARDARI*, Ahad OURIA
ID	6C Oturumu/ Session, “Behram KURŞUNOĞLU Hall”
316	Experimental and Numerical Analysis of Step Length in Adhesively Bonded Three-Step Lap Joints Melek DURMUŞ*, Salih AKPINAR
297	Static Analysis of Rim Using Finite Element Method Kerem ASMAZ*, Billur KANER, Engin ERBAYRAK
222	The Effect of Mechanical Milling on the Microstructure and Particle Morphology of ZnAl40Cu2/B4C/Graphene Hybrid Nanocomposites Müslim ÇELEBİ*, Serdar ÖZKAYA, Aykut ÇANAKÇI, Abdullah Hasan KARABACAK
221	The Effect of Mechanical Milling on the Microstructure and Particle Morphology of Al-based Alloy Nanocomposites Müslim ÇELEBİ*, Aykut ÇANAKÇI, Serdar ÖZKAYA, Abdullah KARABACAK
165	Fatigue Analysis of Modern Composite Materials in Ansys Software Filiz KARABUDAK*
ID	6D Oturumu/ Session, “Aziz SANCAR Hall”
139	Investigation of Numerical Analysis Velocity Contours k-ε Model of RNG, Standard and Realizable Turbulence for Different Geometries Mansour Nasiri KHALAJI*, Ali İhsan KOCA, İsak KOTÇİOĞLU
301	A General Overview on Current Status of ELT Management Osman GÜNGÖR*, Alperen TOZLU, Cihat ARSLANTÜRK
73	Fabrication of Cu-Ag-Ni Layered Bulk Samples by Electroless Plating and Powder Metallurgy Method Onur GÜLER*, Temel VAROL, Ümit ALVER, Aykut ÇANAKÇI, M.Ali ÇABUK
517	Exergoeconomic Assessment of a 1 MW Solar PTC Driven ORC Power Plant Betül GENCASLAN*, Hasan Özcan
518	Exergoeconomic Analysis of Solar Based Cogeneration System with Energy Storage Betül GENCASLAN*, Hasan OZCAN

<u>ID</u>	<u>6E Oturumu/ Session, "Fuat SEZGİN Hall"</u>
147	Bioactive Peptides: Formation and Impact Mechanisms Büşra TÜYSÜZ*, Enes DERTLİ, Özlem ÇAKIR, Engin ŞAHİN
10	The Egg Sector and Trends Affecting the Sector Merve YAŞKIR, Durmuş SERT, Emin MERCAN*
92	Characterization Potential γ -aminobutyric acid (GABA) Producing LAB (Lactic Acid Bacteria) Isolates from Baby Faeces Zühal ALKAY, Enes DERTLİ, M. Zeki DURAK*
149	Volatile compounds of honey samples from different sources Nesrin ECEM BAYRAM*, Mustafa Onur YÜZER, Sinan BAYRAM
500	The Methods of Cholesterol Remove From Dairy Product Cihat OZDEMİR*
<u>ID</u>	<u>6F Oturumu/ Session, "Mustafa İNAN Hall"</u>
522	Investigation of the Dependence on Photon Energy of the Effective Conductivity of YTZP Ceramic for Biomedical Applications Bünyamin ALIM*, Erdem ŞAKAR, İbrahim HAN
27	S-UTD Model in Determination of Optimum Base Station Location Mehmet Barış TABAKCIOĞLU*
18	Effect of Dipole and Bowtie Nanoantennas on the Performance of Photodetectors Çağlar DUMAN*, Fatih KABURCUK
55	The Model of the Effect of Soil Temperature and Humidity on Soil Resistivity Mehmet YILMAZ*, F. Mehmet NUROĞLU
<u>ID</u>	<u>6G Oturumu/ Session, "Feza GÜRSEY Hall"</u>
120	Glucanotransferases as Novel Enzymes of LAB for Cereal Technology and Food Applications Hümeysra İSPİRLİ*, Osman SAĞDIÇ, Enes DERTLİ
501	Bisphenol – A as Food Migration Agent Adem SAVAŞ, Elif EKİZ*, Fatih ÖZ
502	Effect of Sucrose and Sorbitol on Glass Transition Temperature of Turkey Meat Ahmet AKKÖSE*
505	Deep-Fat Frying Process Elif EKİZ*, Adem SAVAŞ, Fatih ÖZ
506	The Contamination of Smoked Meat Products by Polycyclic Aromatic Hydrocarbons Emel ÖZ
507	Lipid Production by <i>Yarrowia lipolytica</i> Strains Özlem YILMAZ*, Güzin KABAN, Mükerrerem KAYA

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189	Use of Trigonometric Series Functions in Free Vibration Analysis of Laminated Composite Beams Muhittin TURAN*, Volkan KAHYA
190	Buckling Analysis of Laminated Composite Beams by Navier Method Muhittin TURAN*, Volkan KAHYA
237	Non-Traditional Tuned Mass Dampers for Harmonically Excited Damped System Onur ARAZ*, Volkan KAHYA
238	Optimum Non-Traditional Tuned Mass Dampers for Harmonically Excited Undamped System Onur ARAZ*, Volkan KAHYA
28	Buckling Behavior of Laminated Composite Plates Subjected to Body Force and In-plane Loading Umut TOPAL*
ID	7B Oturumu/ Session, “Banu ONARAL Hall”
69	The Effect of Polypropylene Fibers, Used in Different Proportions, on Paste Filling Gökhan KÜLEKÇİ*, Mustafa ÇULLU
81	Monitoring Pumice Blocks in Dimensions of 100x390x190 mm with Fuzzy X-bar and R Control Charts Kader KAPLAN GÖZTOK, Metin UÇURUM*, Akın ÖZDEMİR
84	Experimental and Theoretical (XCOM) Calculation Techniques for Gamma-Ray Attenuation Characteristics of Concrete Shields H. Süleyman GÖKÇE*
103	Energy Absorption Measurement in Shotcrete by EFNARC Plaque Deflection Experiment Gökhan KÜLEKÇİ*
117	High Temperature Effect on Polypropylene Fiber Heavy Concrete Produced with Barite Aggregate İlhami DEMİR*, Merve GÜMÜŞ, Özer SEVİM
ID	7C Oturumu/ Session, “Behram KURŞUNOĞLU Hall”
59	Study on the Self Healing Efficiency of Araldite Av138M Adhesive Engin ERBAYRAK*, Halil ÖZER
208	Adhesive Bonding of 3D Printed Polymer Adherends Özkan ÖZ*, Fatih Huzeyfe ÖZTÜRK, Engin ERBAYRAK
519	Investigation of Cogeneration Systems By Using Some Evaluation Criteria Rabi KARAALİ*, Necmi ÖZDEMİR
166	Three Stage Gear Box Design Filiz KARABUDAK*, Hamid ZAMANLOU, Ruhi YEŞİLDAL
520	Local Optimization of a Cogeneration System Rabi KARAALİ*
ID	7D Oturumu/ Session, “Aziz SANCAR Hall”
134	Mechanical and Physical Properties of Al2024-B4C/SiC Hybrid Nanocomposite by Fabrication Powder Metallurgy Abdullah KARABACAK*, Aykut ÇANAKÇI, Serdar ÖZKAYA, Müslim ÇELEBİ
135	Production and Comparison of Properties of B4C and SiC Reinforced Nanocomposites Abdullah KARABACAK*, Aykut ÇANAKÇI, Serdar ÖZKAYA, Müslim ÇELEBİ
154	In-Vitro Properties of MAO Coated NiTi Implant Material Süleyman ŞÜKÜROĞLU*, Ebru Emine ŞÜKÜROĞLU, Yaşar TOTİK, Rıdvan KÜÇÜKOSMAN
70	A Literature Review on Magnetic Resonance Elastography and its in-vivo Applications Can ÖZCAN, Abdullah Tahir ŞENSOY*
85	The Effect of Graphite Particle Addition to Plasma Electrolytic Oxidation (PEO) Coatings on AZ91 Magnesium Alloy Rıdvan KÜÇÜKOSMAN*, Süleyman ŞÜKÜROĞLU, Ebru Emine ŞÜKÜROĞLU, Yaşar TOTİK

ID	7E Oturumu/ Session, "Fuat SEZGİN Hall"
21	A Functional Food: Black Garlic Elif Feyza TOPDAŞ, Arzu ODUNKIRAN*, Memnune ŞENGÜL
41	Determination of Antioxidant Activities of Edible Mushroom <i>Pleurotus eryngii</i> (Eringi) Alder and Walnut using Different Solvents Seher KILINÇ*, Hüseyin SERENCAM
107	The Ash Content of <i>Elaeagnus Angustifolia</i> Powder Supplied in Markets Fatemeh GHANNADIASL*, Hamed NOURANI
106	The Effect of Hydrocolloids on Texture of Fruit Pestils Rabia TALAY, Ümmügülsüm ERDOĞAN*
144	Implementation of Supercritical Fluid Extraction in Food Technology Büşra TÜYSÜZ*, Enes DERTLİ, Özlem ÇAKIR, Engin ŞAHİN
ID	7F Oturumu/ Session, "Mustafa İNAN Hall"
272	Evaluation of Chopped Melon Freshness by Using Electronic Nose Bilge Han TOZLU*
58	Modeling and Querying Moving Vehicles in SECONDO: A Sample of Erzurum Technical University Emre ÇINTAŞ*
82	Impact of Meta-Heuristic Methods on Feature Selection in Problem of Gender Estimation from Face Images Eman ABDULKARIM, Uğur TURHAL*
93	Particle Swarm Optimization Based Feature Selection on Diagnostic of Lung Cancer Disease Gökhan DİLEK, Uğur TURHAL
ID	7G Oturumu/ Session, "Feza GÜRSEY Hall"
209	Physicochemical Properties and Nutritional Quality of <i>Nigella Sativa</i> Oil Mehmet YÜKSEL*, Arzu KAVAZ YÜKSEL
138	The Characterization and Rheological Properties of Pectin Extracted from Turkish Quince Ayşe KARADAĞ*
108	Deep Eutectic Solvent-Based Extraction of Phenolic Compounds from Pomegranate (<i>Punica granatum</i> L.) Peel Naciye KUTLU KANTAR*, Melda OCAK, Mebrure Özge İSTEKLİ, Medine DOS, Muhammed DEMİRKOL, Aslı İŞÇİ, Özge ŞAKIYAN
49	Effect of Ozone Treatment on the Colour, Antioxidant Capacity, Phenolic Content and Microbial Population of Pomegranate Juice Gamze ÜÇÖK, Durmuş SERT, Emin MERCAN*
67	Catechin Contents of Probiotic Yogurts Produced with Green Tea Powder Songül ÇAKMAKÇI*, Atilla POLAT, Şaziye ILGAZ
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122	A Study on Determination of Weed Species, Density and Frequency on Peanut (<i>Arachis Hypogaea</i> L.) Fields in Osmaniye Province of Turkey Tamer ÜSTÜNER, Ümit GİRİGEL*
260	The Relationship Between Lactic Acid Bacteria and Phenolic Compounds Neva KARATAŞ, Hilal YILDIZ, Özlem ÇAKIR*
524	Evaluation of Lycopene Content in the <i>Elaeagnus umbellata</i> Thunb. Özlem ÇAKIR*, Hilal YILDIZ, Büşra TÜYSÜZ, Neva KARATAŞ
525	Relations Between Boron Fertilization and Soil Microbial Properties Serdar BİLEN*, Murat BİLEN
526	Usage Areas of Wild fruits Grown in Manisa Province Nihan ERDOĞ, Ümmügülsüm ERDOĞAN*

Oturum - 8/Session – 8⇒ 20.09.2019 / 16:30-17:30	
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170	Heavy Metal Pollution in Developed Soils on Mineralization Zone Alaaddin VURAL*, Bilal ÇİÇEK
181	Investigation of Major and Trace Element Contents of Aspen Trees (Populus Tremula) Alaaddin VURAL*
13	A Statistical Study on the Seismicity of the Central Anatolian Region of Turkey: Description of the Earthquake Behaviours Serkan ÖZTÜRK*
14	Precursory Changes and Return Periods of the Earthquakes in the Central Anatolian Region of Turkey at the beginning of 2019 Serkan ÖZTÜRK*
ID	8B Oturumu/ Session, “Banu ONARAL Hall”
119	Nanotechnology Applications in Agriculture Evren SAÇAK, Seval Sevgi KIRDAR*
121	The Effect of Field Dodder (Cuscuta campestris Yunck.) on the Agromorphological Features of Lentil (Lens culinaris L.) Tamer ÜSTÜNER, Ümit GİRİGEL*, Samet ÇAKIR
163	Medical and Aromatic Plants which are the Source of Honey Produced in Çoruh Valley Yaşar ERDOĞAN, Ramazan ÇAKMAKÇI, Ümmügülsüm ERDOĞAN*
178	Effect of Electromagnetic Field (EMF) and Electric Field (EF) on Some Behavior of Honey Bees (Apis mellifera L.) Yaşar ERDOĞAN*, M.Murat CENGİZ
ID	8C Oturumu/ Session, “Behram KURŞUNOĞLU Hall”
167	Integer Programming Model for the Turkish Mancala Game Yunus DEMİR*
191	A Literature Review on Dual/ Multi Resource Constrained Scheduling Yunus DEMİR*, Hamid YILMAZ
299	Arduino Based Car Cup Holder Design Çağatay TEKE, Özgür ÖZTÜRK, Ozan SAĞLAM*
313	A Review of Parallel Two-Sided Assembly Line Balancing Problem Hamid YILMAZ*
ID	8D Oturumu/ Session, “Aziz SANCAR Hall”
25	Comparison of IG and DFIG for Wind Power Generation Systems Mustafa Ergin ŞAHİN*
523	Electrical Characterization of In/p GaP/Pt Device Ali BALTAKESMEZ*
130	Asynchronous Motor Design with 600 kW Short Circuit Cage Rotor Yunus KAYA*, Aykut COŞKUN
131	Design of a Turbo Synchronous Generator with 10 MVA Round Rotor Yunus KAYA*, Aykut COŞKUN
ID	8E Oturumu/ Session, “Fuat SEZGİN Hall”
68	A New Method For Reinforcement of Masonry Structure: Outer Shear Wall Ömer CAN*, Recep KANIT
199	Effect of early-age temperature on the behavior of concrete containing silica fume İbrahim ALAMERİ, Meral OLTULU*, Metehan ARDAHANLI
243	Comparison of Construction Costs of Land and Offshore Wind Power Plants Ahmet ÜNAL*, Necati Erdem ÜNAL
155	Investigation of Annual Maximum Flow Trend Using Innovative Trend Analysis with Change Boxes in the Eastern Black Sea Basin, Turkey Murat ŞAN*, Murat KANKAL, Adem BAYRAM, Sinan NACAR

ID	8F Oturumu/ Session, "Mustafa İNAN Hall"
105	<i>Determinants of The Expenses of Households in Fuel and Public Transport in Turkey</i> Emine ÇORUH*, Abdulbaki BİLGİÇ, Steven T. YEN, Faruk URAK
132	<i>Recent Economic Developments in Turkey and the Dynamics Affecting Transportation</i> Emine ÇORUH*, Abdulbaki BİLGİÇ, Steven T. YEN, Faruk URAK
244	<i>Investigation of the Effect of Nanoclay and Hydrated Lime Modification on Low Temperature Cracking Properties of HMA and SMA Mixtures</i> Cansu İSKENDER*, Erol İSKENDER, Atakan AKSOY
248	<i>Examination of the Effect of Maritime Transport Between Bursa and Istanbul on Bursa Traffic</i> Ahmet ÜNAL*, Cengiz DUMAN
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197	<i>An Empirical Model for the Estimation of Fuel Consumption at Signalized Intersections</i> Ziya ÇAKICI*, Yetis Sazi MURAT, Metin Mutlu AYDIN
304	<i>Investigation of Seismic Movement of Adjacent Buildings Connected by Fluid Viscous Dampeners Under Earthquake Effect</i> Yavuz Selim HATİPOĞLU*, Oğuz Akın DÜZGÜN
303	<i>Dynamic Behaviour of Adjacent Buildings by Viscous Dampers with The Influence of Soil Structure Interaction</i> Yavuz Selim HATİPOĞLU*, Oğuz Akın DÜZGÜN
206	<i>Effective Parameters on Total Waiting Times of Intercity Buses at Bus Terminals</i> Metin Mutlu AYDIN, Ziya ÇAKICI*
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308	<i>Electrooxidation Method for the Treatment of Alive Brine Wastewater: Effect of Support Electrolyte Type and Concentration</i> Baybars Ali FİL, Eda Nur KARA, Burhanettin FARİZOĞLU, Süleyman UZUNER, Sermin GÜNASLAN, Sinan KUL*
314	<i>Atmospheric Polychlorinated Biphenyls</i> Cihan PALOLUOĞLU*, Hanefi BAYRAKTAR
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