

# SCIENTIFIC PROGRAMME OF ICCESEN-2017

## 04 October 2017-Wednesday

08.00-12.30	<b>REGISTRATION-CHECK IN</b>					
12.30-14.00	<b>LUNCH</b>					
15.00-15.15	<b>Room 1: Opening Ceremony</b>					
15.15-16.00	<b>Chair:</b> Prof.Dr. Kenneth W.D. LEDINGHAM-- Strathclyde University, Glasgow, Scotland (UK)					
	<b>Invited Speaker 1:</b> Prof.Dr Madjid FATHI ---Department of EECS University of Siegen-Germany “ Conceptualization, Implementation and Experimentation of Bi-directional Job Matching through Deep Learning”					
16.00-17.00	<b>Group Photo—Welcome Coctail</b>					
Session 1 16.45-18.15	<b>Room 1 (Theme 1)</b>	<b>Room 2 ( Theme 2)</b>	<b>Room 3 ( Theme 3)</b>	<b>Room 4 ( Theme 4)</b>	<b>Room 5 ( Theme 5)</b>	<b>Room 6 ( Theme 6)</b>
	<b>Sessionchair:</b>	<b>Session chair:</b>	<b>Session chair:</b>	<b>Session chair:</b>	<b>Session chair:</b> Dr. Abdelmadjid Reciouï	<b>Session chair:</b>
	<b>Abstract #</b> 718-893-920- 928-1010	<b>Abstract #</b> 45-46-85-86- 630-846-847- 848	<b>Abstract #</b> 63-114-119- 122-153-160- 174	<b>Abstract #</b> 5-180-196-197- 267-351-352	<b>Abstract #</b> 2-3-30-31-32- 200-225-244	<b>Abstract #</b> 6-44-48-49-164- 173
19.30	<b>DINNER</b>					

# 05 October 2017-Thursday

	<b>Room 1:</b>					
09.30-10.30	<b>Chair:</b> Prof.Dr Madjid FATHI ---Department of EECS University of Siegen-Germany					
	<b>Invited Speaker 2:</b> Prof. Dr. A. Beril TUGRUL ---- Istanbul Technical University,-Turkey "Radiotracer Applications for Determination of Flow Parameters" <b>Invited Speaker 3:</b> Dr. Alexandre A. BACHKIROV---- Sultan Qaboos University –OMAN "Creation of Global Management Knowledge: Challenges for non-Western Scholars"					
10.30-10.45	<b>COFFE BREAK (Poster Session)</b>					
Session 2 10.45-12.30	<b>Room 1 (Theme 1)</b>	<b>Room 2 (Theme 2)</b>	<b>Room 3 (Theme 3)</b>	<b>Room 4 (Theme 4)</b>	<b>Room 5 (Theme 5)</b>	<b>Room 6 (Theme 6)</b>
	<b>Session chair:</b> Dr. Fatima Benrachi	<b>Session chair:</b> Dr. Mimica Milošević	<b>Session chair:</b>	<b>Session chair:</b> Dr. Mouloud Challal	<b>Session chair:</b> Dr. Imad Merzouk	<b>Session chair:</b> Dr. Fatma Gode
	<b>Abstract #</b> 452-490-518-519-524-798-832-	<b>Abstract #</b> 288-295-296-297-343-344-408	<b>Abstract #</b> 195-211-308-313-328-334-361-	<b>Abstract #</b> 58- 260-262-602-691-753-888-	<b>Abstract #</b> 4-53-54-754-700-782-463-482	<b>Abstract #</b> 210-212-217-218-235-317-321
12.30-14.00	<b>LUNCH (Poster Session)</b>					
Session 3 14.00-15.45	<b>Room 1 (Theme 1)</b>	<b>Room 2 (Theme 2)</b>	<b>Room 3 (Theme 3)</b>	<b>Room 4 (Theme 4)</b>	<b>Room 5 (Theme 5)</b>	<b>Room 6 (Theme 6)</b>
	<b>Session chair:</b> Prof.Dr. A. Beril Tuğrul	<b>Session chair:</b> Dr. Nezam Mahdavi-Amiri	<b>Session chair:</b> Dr. Rabi Karaali	<b>Session chair:</b> Dr. Fatma Zohra Dekhandji	<b>Session chair:</b> Dr.Serkan Üncü	<b>Session chair:</b> Dr. Nor Farid Mohd
	<b>Abstract #</b> 557-591-606-677-678-781-833-372-373	<b>Abstract #</b> 175-241-242-243-282-283-287-131	<b>Abstract #</b> 368-388-389-421-443-444-462-475-527	<b>Abstract #</b> 896-899-931-967-968-999-1011	<b>Abstract #</b> 37-39-41-50-51-228-274-667-123	<b>Abstract #</b> 236-255-298-299-306-307-325-923-939
15.45-16.00	<b>COFFE BREAK (Poster Session)</b>					
Session 4 16.00-18.15	<b>Room 1 (Theme 1)</b>	<b>Room 2 (Theme 2)</b>	<b>Room 3 (Theme 3)</b>	<b>Room 4 (Theme 4)</b>	<b>Room 5 (Theme 5)</b>	<b>Room 6 (Theme 6)</b>
	<b>Session chair:</b> Dr. Mansour H. Almatarneh	<b>Session chair:</b> Dr. Necla Gunduz	<b>Session chair:</b> Dr. Zuhair ER	<b>Session chair:</b> Dr. Ali Tolga BOZDANA	<b>Session chair:</b> Dr. Mouloud Challal	<b>Session chair:</b> Dr. Naim Sylla
	<b>Abstract #</b> 892-35-855-869-876-18-19-67--185	<b>Abstract #</b> 743-763-786-791-836-837-839-840	<b>Abstract #</b> 593-598-610-679-681-682-683-902-905-924	<b>Abstract #</b> 481-488-489-500-556-507-528-541-542	<b>Abstract #</b> 69-79-80-90-99-109-116-117-667-669--734	<b>Abstract #</b> 327-336-354-355-365-376-377-379
19.30	<b>DINNER</b>					

## POSTERS LIST #

**Theme 1:** 28-36-65-74-75-78-149-208-219-229-261-360-387-447-453-471-480-486-635

**Theme 2:** 29-568-572-724-755-918-990

**Theme 3:** 68-82-100-125-171-183-266-268-311-323-520-521-534-535-539-641-644-664-665-673-747-810-1019

**Theme 4:** 309-310-514-515-594-640-666-702-1016-1017-1018

**Theme 5:** 17-21-35-38-42-92-101-107-108-115-126-147-706-707-714-719-721

**Theme 6:** 34-76-77-103-324-739-956-975-988-1002

# 06 October 2017-Friday

<b>Room 1:</b>						
<b>Chair:</b> Prof. Dr. A. Beril TUGRUL ---- Istanbul Technical University,-Turkey						
09.30-09.45	<b>Invited Speaker 4:</b> Prof.Dr. H. Şükür KILIÇ---- Selçuk University, Konya-TURKEY <i>“Laser Technologies for the Manking”</i>  <b>Invited Speaker 5:</b> Dr. Hamid Reza Irani --- Univ. of Tehran, Fac.of Managment and Accunting, Qom-Iran <i>“What is the best place for publishing our article?”</i>					
10.30-10.45	<b>COFFE BREAK (Poster Session)</b>					
Session 5 10.45-12.30	<b>Room 1 (Theme 1)</b>	<b>Room 2 (Theme 2)</b>	<b>Room 3 (Theme 3)</b>	<b>Room 4 (Theme 5)</b>	<b>Room 5 (Theme 5)</b>	<b>Room 6 (Theme 6)</b>
	<b>Session chair:</b> Dr. Fatima Benrachi	<b>Session chair:</b> Dr. Mimica Milošević	<b>Session chair:</b> Dr. Zuhail ER	<b>Session chair:</b> Dr. Mouloud Challal	<b>Session chair:</b> Dr. Imad Merzouk	<b>Session chair:</b> Dr. Fatma Gode
	<b>Abstract #</b> 91-130-152-184-188-240-259-264	<b>Abstract #</b> 425-562-573	<b>Abstract #</b> 650-925-938-979-1009-688-689-	<b>Abstract #</b> 966-976-977-982-986-987-1005-1007	<b>Abstract #</b> 127-128-141-151-157-162-300-692	<b>Abstract #</b> 386-394-395-396-398-407-578
12.30-13.45	<b>LUNCH (Poster Session)</b>					
Session 6 13.45-15.45	<b>Room 1 (Theme 1)</b>	<b>Room 2 (Theme 2)</b>	<b>Room 3 (Theme 3)</b>	<b>Room 4 (Theme 5)</b>	<b>Room 5 (Theme 5)</b>	<b>Room 6 (Theme 6)</b>
	<b>Session chair:</b> Prof.Dr. A. Beril Tuğrul	<b>Session chair:</b> Dr. Nezam Mahdavi-Amiri	<b>Session chair:</b> Dr. Rabi Karaali	<b>Session chair:</b> Dr. Fatma Zohra Dekhandji	<b>Session chair:</b> Dr.Serkan Üncü	<b>Session chair:</b> Dr. Nor Farid Mohd
	<b>Abstract #</b> 301-320-331-426-438-445-1008-1020	<b>Abstract #</b> 626-685-696-737-738-740	<b>Abstract #</b> 690-697-752-765-768-819-828-838-857-900	<b>Abstract #</b> 917-927-932-934-936-937-943-947-959-960	<b>Abstract #</b> 163-179-186-192-198-203-206—571-479-538-	<b>Abstract #</b> 419-420-432-433-436-437-439-448-451
15.45-16.00	<b>COFFE BREAK (Poster Session)</b>					
Session 7 16.00-18.15	<b>Room 1 (Theme 7)</b>	<b>Room 2 (Theme 8)</b>	<b>Room 3 (Theme 5)</b>	<b>Room 4 (Theme 5)</b>	<b>Room 5 (Theme 5)</b>	<b>Room 6 (Theme 6)</b>
	<b>Session chair:</b> Dr. Mansour H. Almatarnah	<b>Session chair:</b> Dr. Rzig Ramzi	<b>Session chair:</b> Dr. Zuhail ER	<b>Session chair:</b>	<b>Session chair:</b> Dr. Mouloud Challal	<b>Session chair:</b> Dr. Naim Syla
	<b>Abstract #</b> 617-619-633-725-745-794-883-911-912	<b>Abstract #</b> 132-191-332-566-576-785-877-941-1004	<b>Abstract #</b> 695-698-699-713-715-723-726-547-552-553-554	<b>Abstract #</b> 873-879-882-884-885-887-889-903-904-913-914-	<b>Abstract #</b> 216-223-247-258-276-278-279-280-65-957-1006	<b>Abstract #</b> 457-460-465-467-470-485-494-509-513-841-843
19.30	<b>DINNER</b>					

## POSTERS LIST #

**Theme 1:** 687-720-795-796-799-800-820-825-831-834-856-870-894-929-950-991-1012

**Theme 5:** 168-170-207-291-304-338-359-403-440-497-537-555-559-565-575-580-586-589-618-636-643-671-672

**Theme 6:** 15-16-56-57-93-112-121-134-135-136-137-138-140-169-172-181-182-187-199-205-234-289-326-340-345-356-357-362-364-370-371-381-382-383-385-391-392-401-409—769-771-772-801-861

**Theme 8:** 7

# 07 October 2017-Saturday

	<b>Room 1:</b>					
	<b>Chair:</b> Dr. Alexandre A. BACHKIROV---- Sultan Qaboos University –OMAN					
09.30-10.30	<b>Invited Speaker 6:</b> Dr. Kalim SIDDIQUI --- University of Huddersfield, England-UK <i>“Global Convergence and the Issue Catching Up: Changing Economies of the Developing Countries”</i>					
	<b>Invited Speaker 7:</b> Prof. Dr. El-Sayed EL-ASWAD--- United Arab Emirates University –UAE <i>“Well-Being in the Arab World: An Anthropological Perspective”</i>					
10.30-10.45	<b>COFFE BREAK (Poster Session)</b>					
Session 8 10.45-12.30	<b>Room 1 (Theme 7)</b>	<b>Room 2 (Theme 2)</b>		<b>Room 4 (Theme 5)</b>	<b>Room 5 (Theme 5)</b>	<b>Room 6 (Theme 6)</b>
	<b>Session chair:</b> Dr. Berin Belma Sirvanli	<b>Session chair:</b> Dr. Damla Yilmazoglu		<b>Session chair:</b> Dr. Marcin Kowalczyk	<b>Session chair:</b> Dr. Nabi Ibadov	<b>Session chair:</b> Dr. Özge Tüzün Özmen
	<b>Abstract #</b> 95-98-104-105-133-971-989-1013-613-614	<b>Abstract #</b> 874-895-508-940-949-958-994-996-154-413-495		<b>Abstract #</b> 851-853-862-864-865-871-872-10-20-830	<b>Abstract #</b> 281-292-302-305-315-337-660-662--760	<b>Abstract #</b> 516-517-545-546-214-232
12.30-13.45	<b>LUNCH (Poster Session)</b>					
Session 9 13.45-15.45	<b>Room 1 (Theme 7)</b>	<b>Room 2 (Theme 9)</b>		<b>Room 4 (Theme 5)</b>	<b>Room 5 (Theme 5)</b>	<b>Room 6 (Theme 6)</b>
	<b>Session chair:</b> Dr. Melek Gökmen Karakaya	<b>Session chair:</b> Dr. Braikia Mohamed		<b>Session chair:</b> Dr. Kaddour Mouattah	<b>Session chair:</b> Dr. Nabi Ibadov	<b>Session chair:</b>
	<b>Abstract #</b> 145-176-193-202-213-230-231-954-970	<b>Abstract #</b> 248-415-384-536-915		<b>Abstract #</b> 812-817-818-822-842-850-625-627	<b>Abstract #</b> 339-341-342-347-353-367-369-374--574-600	<b>Abstract #</b> 567-570-577-592-609-632-634-637-951-952
15.45-16.00	<b>COFFE BREAK (Poster Session)</b>					
Session 10 16.00-18.15	<b>Room 1 (Theme 7)</b>	<b>Room 2 (Theme 6)</b>		<b>Room 4 (Theme 5)</b>	<b>Room 5 (Theme 5)</b>	<b>Room 6 (Theme 6)</b>
	<b>Session chair:</b> Dr. Hanane Maadid	<b>Session chair:</b> Prof.Dr. Filiz Kabapinar		<b>Session chair:</b> Dr. Özge Özmen	<b>Session chair:</b> Dr. Khelil Ali	<b>Session chair:</b> Dr. Nor Farid Mohd
	<b>Abstract #</b> 253-365-314-316-318-319-322-333-897-961--615-616-	<b>Abstract #</b> 748-766-789-807-808-852-866-963-969-		<b>Abstract #</b> 764-777-783-784-790-792-802-809	<b>Abstract #</b> 378-404-405-411-416-422-423-430-442-446	<b>Abstract #</b> 645-646-649-654-655-710-711-733-741
19.30	<b>DINNER</b>					

## POSTERS LIST #

**Theme 5:** 749-788-803-806-829-890-962-972-973-978-995-997-1003-1014-1015

**Theme 6:** 215-256-434-628--458-459-468-476-481-491-492-496-501-503-510-511-558-564-579-582-583-596-597-605-608-647-648-659-661-705-730-732-898

**Theme 7:** 143-194-226-249-250-251-270-335-543-588-590-601-612-658-670-722-776-793-886-930-942-944-953-983-985-1000

**Theme 8:** 11

**Theme 9:** 142-363

**Theme 10:** 209-271-329-484-531-563

# 08 October 2017-Sunday

09.30-10.30	<b>Room 1:</b>					
	<b>Chair:</b> Prof.Dr. H. Şükür KILIÇ---- Selçuk University, Konya-TURKEY					
	<b>Invited Speaker 8:</b> Prof.Dr. Oleg BURDAKOV--- Linköping University Department of Mathematics Linköping-Sweden <i>“A Reduction of Cardinality to Complementarity in Sparse Optimization”</i> <b>Invited Speaker 9:</b> Dr. Ali Poyraz GÜRSON Kocaeli University Kocaeli-TURKEY <i>“Marka”</i>					
10.30-10.45	<b>COFFE BREAK (Poster Session)</b>					
Session 11 10.45-12.30	<b>Room 1 (Theme 7)</b>	<b>Room 2 (Theme 10)</b>		<b>Room 4 (Theme 5)</b>	<b>Room 5 (Theme 5)</b>	<b>Room 6 (Theme 6)</b>
	<b>Session chair:</b>	<b>Session chair:</b> Dr. Fadila Djouadi Belkada		<b>Session chair:</b> Dr. Elvedin Kljuno	<b>Session chair:</b> Dr. Khelil Ali	<b>Session chair:</b> Dr. Nazım Ucar
	<b>Abstract #</b> 348-375-926-945-265	<b>Abstract #</b> 83-139-358-506-526-530-599-684-750-854		<b>Abstract #</b> 729-735-742-744-746-727-728	<b>Abstract #</b> 449-450-461-471-472-473-474-204	<b>Abstract #</b> 867-868-880-901-919-921-981-1001-96-97-522-525-
12.30	<b>CLOSE</b>					

# ORAL PRESENTATIONS IN ICCESEN-2017

## Theme -1: Physical Science and Technology

Abstract #	Authors	Title
18	Betül Çetin, Nurdan Karpuz and Melek Gül	Determination of Heavy Metals and Natural Radioactivity Concentration Level in Sediment samples of the Boraboy Lake (Amasya), Turkey
19	İbrahim Yiğitoğlu, Erhan Eser, Betül Çetin, Sinem Kılıçaslan, Feda Öner, Sümeyra Yamcicier, Guney Gursoy and Hüseyin Koç	Determination of Natural Radioactivity Levels in Soil and Travertine of the Region of Tokat-Sivas, Turkey
67	K. Bouakaz and A.Abada	Real Time UtrasoftFermion Dispersion Relations in hot QED
91	Hüseyin Ali Yalim and Ayla Gümüş	Comparison of Radon Concentrations in Soil Gas and Indoor Environment of Afyonkarahisar Province
130	Qays Rwashdy, Sahib Neamah Abdulwahid Alkulaibi and Muayd Abdul- Hussein	Measuring the concentrations of radioactive isotopes in the secondary Aden in Shaab area and estimate the external and internal risks resulting system using GR -460
152	Sameer Al-Obaidi and Taiman Bin Kadni	Calibration of Geiger Muller (GM) Survey Meter Model Inspector
184	Yllka Kabashi and Skender Kabashi	Spin Dependent Level Density change on Dinamical and Residual Interaction of the Nucleus with the Even Number of the Nucleons in Interacting Boson-Fermion-Fermion Model(IBFFM)
185	Canel Eke	Self-attenuation Correction Factor of Salt Samples
188	Gülçin Işık	The effects of boric acid on the seed germination, seedling growth, vigour index, biomass production and boric acid tolerance index of Solanum lycopersicum (Solanaceae) H2274 variet
240	Adel JAWAD, Nermin DEMİRKOL, Kadir GUNOĞLU, Iskender AKKURT	Linear Attenuation Coefficients of some Ceramic Samples
259	Yalçın Kalkan and Arif Kösemen	Electrical characterizations of some metal oxides for GEM foils
264	Abdlhamed ABDLHAMED, Kadir GUNOGLU, Zeynep PARLAR, İskender AKKURT	Gamma-Ray Shielding Properties of Some Composite Material
301	Gülçin Işık, Onur Can Türker, Anıl Yakar, Çağdaş Saz and Cengiz Türe	Boron (B) removal with microcosm constructed wetlands (MCWs) for treating polluted river water in Western Anatolia
320	Bahadır Saygi and Sefa Erturk	B(E2) Systematics for Pseudo Mirror Nuclei in the mass region ~ 100 and ~ 130
331	Nilufer Demirci Saygi, Filiz Ertugral, Huseynqulu Quliyev, Ali Akbar Kuliev and Ekber Guliyev	Dipole Responses in Double-Even $^{232}\text{Th}$ Nucleus
372	Gülây GÜnday Konan and Leyla Özdemir	E2, M1 and M2 Transitions in Na-like Tungsten and Gold
373	Gülây GÜnday Konan and Leyla Özdemir	Forbidden Transitions (E2, M1 and M2) in Mg-like Gold
426	Gülçin Işık and Suat Sezen	Ehtnobotanical Features of Ayaş/Ankara District (Turkey)
438	Hulya Ozturk, Gozde Gul Arslan and Cihan Kurkcü	Structural Phase Transformation of PbTe Under High Pressure
<a href="#">445</a>	<a href="#">Sadik Bekteshi and Doruntina Hoxha</a>	Neutrino masses and matter – antimatter asymmetry of the universe
452	Miljko Sataric, Dalibor Sekulic and Bogdan Sataric	Post-Translational Detyrosination of C-Termini of Microtubule does Impact Kinesin Traffic in Terms of Small Force
490	Nilgun Demir and Zuhul Er	A Prototype Resistivity Measuring System for the RPC Electrode by Arduino Microcontroller

<a href="#">518</a>	<a href="#">Sadik Bekteshi</a>	Charge independence and charge symmetry breaking of the nucleon-nucleon interaction
519	Ayşegül Kahraman, Ercan Yilmaz, Dinçer Yeğen and Aleksandar Jaksic	Influence of 18 MV X-Ray on the Electrical Characteristics of RadFET Radiation Sensors
524	Zeynal Tumsavas, Urkiye Akar Tarim and Orhan Gurler	Gamma-ray shielding parameters of soils of Bursa, Turkey in the energy range 59.5-1332.5 keV
557	Urkiye Akar Tarim, Sezai Yalcin and Orhan Gurler	Monte Carlo Simulations Using Two Different Approaches for Sampling of Emitting Point of gamma radiations to Calculate the Efficiency of Cylindrical NaI(Tl) Detector for Disk Sources
<a href="#">591</a>	<a href="#">Hüseyin Ozan Tekin, Viswanath P. Singh and Iskender Akkurt</a>	A COMPARATIVE STUDY ON SHIELDING PROPERTIES OF SOME COMPOSITE MATERIALS BY MCNPX CODE
606	Canel Eke and Christian Segebade	Statistical Evaluation between Contents of Several Components and Natural Radioactivity Levels in Sand Samples from Antalya, Turkey
677	Begüm Kütük and İbrahim Halil Güzelbey	Computational Fluid Dynamics Analysis of Hot and Cold Legs Region of VVER-1200 Reactor Pressure Vessel (RPV)
678	Begüm Kütük and İbrahim Halil Güzelbey	Coupled Axisymmetric Thermoelastic and Two-Dimensional Thermodynamic Potentials Analyses of VVER-1200 Nuclear Reactor Pressure Vessel (RPV)
718	Mokrane Dehmas, Arab Azrar, Mouloud Challal, Faiza Mouhouche and Kahina Djafri	A Novel Tri-band Microstrip Antenna for GSM and WLAN Applications
781	F. Bouaziz, K. Bouakaz and A.Abada	The Next-to-Leading Order for Dispersion Relations in high-temperature scalar
798	Nourredine Moussaoui	Some characteristics of the E-ELT sodium LGSs
832	Nurdan Karpuz Demir and Betül Çetin	Theoretical Analysis of Deuteron Induced Nuclear Reaction Cross Sections for Production of 191,192,193,194,195,196,198,199Au Radioisotopes
833	Nurdan Karpuz Demir	Cross Section Calculations for Production 123I and 124I Radioisotope with Different Reactions
835	Nurdan Karpuz Demir and Betül Çetin	Production Cross Section of 48V Element with Titanium Isotopes
855	Susan Shukur Noori, İskender Akkurt and Nurdan Karpuz Demir	Production of Copper-64 for Medical Application Induced of Proton, Neutron and Deuteron
<a href="#">869</a>	<a href="#">Değer Sofuoğlu</a>	GÖDEL UNIVERSE IN F(R,T)-GRAVITY
876	Semra Boran and Hatice Seda Gökler	Developing an integrated model for classification of failures based on FMEA and ANFIS
892	Muhammed Fatih Kuluöztürk, Aydın Büyüksaraç, Fahrettin Özbey, Sezai Yalçın and Mahmut Dogru	Determination of indoor radon gas levels in some buildings which constructed with Ahlat stone in Ahlat/Bitlis
893	Osman Günay	Correlation Between Radon Concentrations And Distance From Fault Line And Meteorological Parameters
<a href="#">920</a>	<a href="#">Ahmad Alsaad, Nabil Al-Aqtash and Renat Sabirianov</a>	Large elastic moduli of Alpha-Phase Diisopropylammonium Bromide Molecular Crystals
928	Yusuf Ceylan	One-photon Absorption Characterizations, Dipole Polarizabilities and Second Hyperpolarizabilities of Chlorophyll a and Crocin
1008	Yasemin Gündoğdu, Abdullah Kepceoğlu, Mehmet Taşer and Hamdi Şükür Kiliç	The Factor Analysis of Pentane Isomers with Femtosecond Laser Mass Spectroscopy at 800 nm wavelengths
1010	Faez Waheed, Hakan Akyildirim, Kadir Gunoglu and Iskender Akkurt	Variation of the Buildup factor as a function of atomic number for pure single layer materials
1020	Hamdi Sukur Kilic , Ken W.D.Ledingham	Analysis of Some Molecular Isomers by Different Statistical Methods

## Theme -2:Mathematical Science and Applications

Abstract #	Authors	Title
45	Süleyman Cengizci and Ekrem Kiroglu	On an asymptotic-numerical hybrid method for solving singularly perturbed nonlinear delay differential

		equations
46	Süleyman Cengizci, Ekrem Kiroglu and Furkan Dede	On an efficient hybrid method for solving singularly perturbed difference-differential equations exhibiting turning layer behavior
85	Mehmet Cevri and Dursun Ustundag	Clustering of Teucrium species regarding micromorphological characters
86	Mehmet Cevri and Oya Özulug	Application of principal component analysis on the distribution of Ostracoda regarding their habitat preferences
119	Nezam Mahdavi-Amiri and Negin Bagherpour	Solving Positive Definite Total Least Squares Problems by Orthogonal Decompositions
131	Billur Ecer, Ahmet Aktas, Mehmet Kabak and Metin Dağdeviren	A Hybrid Decision Making Model for Stroller Selection
153	Arzu Çilli and Kıvanç Ergen	Investigation of Various Infectious Diseases in Turkey by Mathematical Models SI and SIS
154	Mehmet Yavuz and Necati Ozdemir	Numerical Solutions of Fractional Partial Differential Equations by Using a New Fractional Derivative
174	Burak Kurt	A New Class of Modified Degenerate Bernoulli, Euler and Genocchi Polynomials
175	Burak Kurt	A Further Generalization of the Modified Degenerate Bernoulli Polynomials
241	Zehra Kamışlı Öztürk, Yeşim Çetin and Yeşim Işık	DEMAND FORECASTING WITH CLUSTERING AND ARTIFICIAL NEURAL NETWORKS METHODS: AN APPLICATION FOR STOCK KEEPING UNITS
242	Ayşe Anapalı, Gül Gözde Biçer, Dilara Altan Koç, Yalçın Öztürk and Mustafa Gülsu	Solving Abel's integral equations using generalized Taylor series
243	Ayşe Anapalı, Dilara Altan Koç, Gül Gözde Biçer, Yalçın Öztürk and Mustafa Gülsu	Numerical Method for Solving Time Fractional Partial Differential Equation
282	Fengrui Sun, Yuedong Yao, Ji Tian, Guojin Zhu, Xinguang Liu, Xianhong Tan, Yanjie Li, Xiangfang Li, Zheng Sun, Tao Zhang	A Numerical Approach for Predicting Distributions of Pressure and Temperature of Superheated Steam in Parallel Dual-tubing Wells Using an Equivalent algorithm
283	Fengrui Sun, Yuedong Yao, Ji Tian, Guojin Zhu, Xinguang Liu, Xianhong Tan, Yanjie Li, Xiangfang Li, Zheng Sun, Tao Zhang and Wenjuan Chen	A Numerical Study on the Flow and Heat Transfer Characteristics of Superheated Steam in Offshore Parallel Dual-tubing Wells
287	Jian Sun, Mingqiang Chen, Qi Li and Chen Wang	The Key Factor Analysis to the Reservoirs on the Basis of Bayesian Law
288	Burim Kamishi	Solution of Diffraction of a Gaussian Beam by a Set of Circular Sectors Using Incomplete Cylindrical Functions
<a href="#">295</a>	<a href="#">Vilda Purutçuoğlu and Başak Bahçivancı</a>	Mathematical Modeling of Gynecological Cancers via Quasi Target Proteins
296	Yalçın Öztürk, Ayşe Anapalı, Gül Gözde Biçer, Dilara Altan Koç and Mustafa Gülsu	Chebyshev series solution of system of multi-pantograph delay differential equations using collocation method
297	Yalçın Öztürk, Ayşe Anapalı, Gül Gözde Biçer, Dilara Altan Koç and Mustafa Gülsu	Numerical solution of nonlinear Volterra-Fredholm integro-differential equations via shifted Chebyshev collocation method
343	Burcu Gürbüz and Mehmet Sezer	A computational method for solving second order nonlinear ordinary differential equations by means of Laguerre series
344	Burcu Gürbüz and Mehmet Sezer	Hybrid Laguerre-Taylor matrix method for solving High-Order Integro-Differential Equations with Variable Delays
408	Ozgul Ilhan and Niyazi Sahin	Testing of Logarithmic-Law for the Slip with Friction Boundary Condition
<a href="#">413</a>	<a href="#">Merve Cengiz Toklu</a>	A Fuzzy Multi-Criteria Methodology for Selection among Renewable Energy Alternatives
425	Mehmet Akif Koç, Ismail Esen, Yusuf Cay, Mustafa Eroğlu, Muhammed Asim Kesercioğlu and Ömer Çerlek	A Numerical and Experimental Study for Dynamic Analysis of Flexible Structures under Moving Trains.
<a href="#">495</a>	<a href="#">Merve Cengiz Toklu</a>	Interval Type 2-Fuzzy TOPSIS Method for Calibration Supplier Selection Problem in an Automotive Company
508	Mehmet Yavuz and Necati Ozdemir	Comparing the Caputo-Fabrizio and Atangana-Baleanu fractional derivative with Laplace Homotopy Perturbation Method

562	Mai Mismar	A New Technique for Solving The Assignment Problems Depending on Vogel Method
573	Melis Zeybek and Onur Köksoy	The Effects of Noise Distribution in Robust Design
626	Moussa Anoune, Zeroual Aouachria and Yazid Delenda	Accelerating numerical computations in slow iterative loops using the secant method
630	Duygu Dönmez Demir, Tuğçe Çınardalı and Mehmet Sezer	The Legendre Matrix-Collocation Approach for Some Nonlinear Differential Equations Arising in Physics and Mechanics
685	Eşref Boğar and Zeynep Özsüt Boğar	Optimal Power Flow using Improved Grasshopper Optimization Algorithm
696	Deniz Elmaci and Nurşin Baş Çatak	Colored Image Encryptions with Chaotic Linear Transformations
<a href="#">737</a>	<a href="#">Aykan Akincilar and Ece Akincilar</a>	What Factors Should Be Considered in Location Planning of Ground Ambulance Centers?
<a href="#">738</a>	<a href="#">Aykan Akincilar and Ece Akincilar</a>	A Mathematical Model for Ambulance Location Problem: A case Study in Ankara
740	Zuhal Er, Tahar Chenaf and Celal Ege Demir	SHORT ANALYSIS FOR THE GROWTH OF SOLAR ELECTRICITY USE
743	Abide Tuna Aksoy and A. Ceylan Çöken	Null Quaternionic Bertrand Curves in Semi Euclidean 4-Space $\mathbb{R}$
763	Hassene Khellaf	On Some new Nonlinear Integral Inequalities with a time delay
786	Burak Erkayman	A Mixed Integer Programming Based Decision Support System for Pharmacy On Duty Assignment
791	Halil İbrahim Ayaz, Onur İnan, Sabri Koçer and Şaban Gülcü	Solution of the asymmetric travelling salesman problem using the migrating birds optimization algorithm
836	Mumtaz Karatas and Ertan Yakıcı	A Hybrid Goal Programming and Branch-and-Bound Methodology to Solve Multi-Objective Facility Location Problems
837	Mumtaz Karatas and Ertan Yakıcı	A Strategic Level Mathematical Model for Locating Preventive Health Care Facilities Under Congestion and Budget Constraints
839	Ertan Yakici and Mumtaz Karatas	A Complex University Course Timetabling and Student/Instructor Scheduling Problem
840	Ertan Yakici and Mumtaz Karatas	An Analysis of Multiple-Server Alternative for a Facility Location Problem
846	Necla Gunduz, Jale Ballıbeyoğlu, Emel Başar and Celal Aydın	Kernal Smoothing by Using Location-scale Family as a Kernel Density
847	Celal Aydın and Necla Gunduz	Determination of Optimal Bandwidth in the case of Density Functionals Estimation
848	Necla Gunduz and Ernest Fokoue	Statistical Discovery of Striking Patterns in the Evaluation of Professors by Students
874	Kübra Gül	On the Perrin and Van der Laan matrix sequences
895	Antonio Pascau, Muslum Arici and Victor J Llorente	Some progress on the use of the ENATE approach in 2D transport equations
940	Fuat Şimşir, Halil İbrahim Demir and Sena Azdemir	FMEA Analysis Using A Hybrid DEMATEL-ELECTRE Approach in Iron Steel Industry
949	Sevgi Abdalla	A combined approach of Quality Function Deployment (QFD) and Factor Analysis in order to identify the quality characteristics of undergraduate education program: An empirical study
958	Muharrem Ünver and İbrahim Çil	The Performance Evaluation Of The Air Transportation System In Turkey By Using Quantitative Methods
994	Melih Burak Koca, Muhammet Burak Kılıç and Yusuf Şahin	Genetic Algorithms on Weibull Parameter Estimation for Wind Speed Modeling
996	Muhammet Burak Kılıç	On Parameters Estimation for Bimodal Directional Distributions using Genetic Algorithms

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<a href="#">114</a>	<a href="#">Adnan Sözen, Ahmet Öztürk, Mehmet Özalp and Erdem Ciftçi</a>	Determination of Thermal Performance Improvement of an Air-Air Heat Exchanger Including Heat Pipe System Using a Nanofluidic Working Fluid
122	Gulsen Yaman and Ramazan Altay	Validation of the Finite Element Analysis of Natural Convection Conditions for a Resin Dry Type Transformer with a Cabin
160	Alper Buğra Arslan, Gizem Bakir, Gamze Genç and Hüseyin Yapici	Analyses of Short and Long-lived Fission Products Occurring in CANDU and PWR reactors for Using in Medical Therapy and Diagnosis
195	Gazmend Kabashi and Skender Kabashi	Assessment of climate change mitigation potential of the Kosovo energetik and transport sector
211	Mebarki Ghazali, Samir Rahal and Imene Merimeche	Numerical Investigation of Heat Transfer Improvement in Solar Concentrator Tube Receiver
308	Murat Çelik and Gülşah Elden	The effect of the relative humidity on the activation polarization in a PBI based PEM fuel cell
<a href="#">313</a>	<a href="#">Tamer Sener and Ahmet Cihat Baytas</a>	Experimental study Inside a Porous Burner with Three Porous Layers
328	Mert Taş and Gülşah Elden	Numerical Investigation of Anisotropic Electrical Conductivity Effects in Proton Exchange Membrane Fuel Cell
334	Saltuk Buğra Selçuklu	Generation Expansion Planning of Turkey Considering Cost, Emissions, and Uncertainty
361	Remzi Dağ, Yasin Ramazan Eker, Mücahit Yılmaz, Derya Arslan Dancıoğlu, Hidayet Oğuz and Oğuz Doğan	Influence of Natural Dye Structure on their Performance in Dye Sensitized Solar Cell
368	Onur Ayan and Belgin Turkay	Remote Controlled Load Shifting and Effects of ToU on End-Users
388	Inal Begum Turna and Zuhale Er	Solar Irradiance Evaluation by t-Statistical Analysis Method for South and North Region of Turkey
389	Inal Begum Turna and Zuhale Er	Solar Radiation Power Evaluation by RMS and MB Error Methods for South Region of Turkey
421	Natig Alameri, Veysel Ozceyhan, Toygun Dagdevir and Orhan Keklikcioglu	Numerical study of the effect of drilled nozzle inserted in a tube through water based TiO <sub>2</sub> - nanofluid on heat transfer performance
<a href="#">443</a>	<a href="#">Mustafa Özdemir and Ufuk Durmaz</a>	An Experimental Study on the Soil Based Natural Cooling
<a href="#">444</a>	<a href="#">Cemil Yiğit and Ufuk Durmaz</a>	Development of The Wind Turbine Blade Profile using Taguchi Method
462	Talat Ozden and Bulent G. Akinoglu	Preliminary Investigations on Two Different Procedures to Calculate the Efficiency and Performance Ratio of PV Modules
475	Talat Ozden, Selami Kesler and Halil I. Okumus	PV Power System Design with Fuzzy Logic Based Multi Agent Energy Management in Off Grid System
527	Ahmet Senpınar	Internet/Arduino controlled PV Automatic Irrigation System
593	Sezer Erdem, Beyhan Erdem and Ramis Mustafa Öksüzöğlü	Magnetic Nano-Sized Solid Acid Catalyst Bearing Sulfonic Acid Groups for Biodiesel Synthesis
598	Gulsen Yaman, Ramazan Altay and Ramazan Yaman	A Thermal Analysis and Its Validation For An Industrial Design
610	Jirui Zou, Xiangan Yue and Junbin Zhang	EXPERIMENTAL STUDY ON ENHANCED OIL RECOVERY OF HIGH-TEMPERATURE AND HIGH-SALT HETEROGENEOUS RESERVOIR AFTER WATER'S BREAKTHROUGH
650	Zeroual Aouachria and Djamel Haddad	Mathematical Modelling and Experimental Study of Aerodynamic Operation of the Savonius Rotor
679	Alperen Tozlu, Emrah Özahi and Ayşegül Abuşoğlu	A Thermodynamic Comparison of Gas Turbine, Kalina and Organic Rankine Cycles in frame of Waste Heat Recovery
681	Alperen Tozlu, Emrah Özahi and Ayşegül Abuşoğlu	Thermoeconomic Analyses and Assessment of Combined Systems: GT-ORC and GT-KAL cycle
682	Emrah Özahi and Alperen Tozlu	A General Overview on Anaerobic Digestion Process in the World
683	Emrah Özahi, Alperen Tozlu and Yekta Tolga Büyükmurat	Thermodynamic Assessment of a Typical Municipal Solid Waste Power Plant in Malatya, Turkey
688	Zuhale Er, Gokhan Kizilkan, Zahir Rouabah and Tolga Orken	STANDARDS AND TESTING EXPERIMENTS FOR A PHOTOVOLTAIC MODULE
689	Ahmet Yasin Karabay, Müslüm Arici and Tomasz Cholewa	A Conjugate CFD Analysis of Hydronic Radiant Floor Heating System
690	Shan Huang, Yuedong Yao, Shuang Zhang, Jinghao Ji and Ruoyu Ma	Pressure Transient Analysis of Multi-fractured Horizontal Wells in Tight Oil Reservoirs with Consideration of Stress Sensitivity
<a href="#">697</a>	<a href="#">Neslihan Iyit and Emre Koçak</a>	Modeling World Energy Security Data from Multinomial Distribution by Generalized Linear Model (GLM)

		Under Different Link Functions
752	Ben Khadda Ben Ammar, Mekki Mellas and Bouzidi Mezghiche	The technique of atmospheric curing of concrete by solar energy and its effect on the mechanical strength
765	Nermin Kutlu, Ceylan Zafer and Nuri Özek	The investigation of DSSCs fabricated from TiO <sub>2</sub> Nanomaterials Doped with Nb Transition Metal
768	Mustafa Sacid Endiz and Ramazan Akkaya	Comparative Study of P&O and IC MPPT Techniques for PV Systems
819	Sema Kayapinar	SUSTAINABLE ENERGY: ASSESSMENT OF THE ACTIVITIES OF WIND POWER PLANTS (WPP) BY MULTI-CRITERIA DATA ENVELOPMENT ANALYSIS
828	Mustafa Sacid Endiz, Enes Efe and Muciz Özcan	THE POTENTIAL OF SHALE GAS AS A FUTURE ENERGY SOURCE IN TURKEY
838	Tanju Ergen, Tamer Şener, Onur Tuncer and A Cihat Baytas	Numerical Investigation of Non-Premixed Combustion Inside a Three Layered Porous Burner With Flamelet Model
857	Mufit Yuce, Ahmet Serhan Hergul and Durmus Kaya	A SAMPLE COMBINE HEAT AND POWER SYSTEM FOR THE RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS
900	Assia Boukezzata, Aissa Keffous, Noureddine Gabouze, Amar Manseri, Brahim Mahmoudi, Lakhder Guerbous, Youcef Belkacem and Hamid Menari	Investigaation of porous thin hydrogenated amorphous silicon carbide films (a-Si <sub>0.72</sub> C <sub>0.28</sub> :H) and study of their spectral response
902	Murat Cihan Çalışkan, Fatih Üstel and Garip Erdoğan	Characterization and Investigation of Abrasion Resistance of HVOF Sprayed CoCrW Based Powder
905	Abdullateef Jadallah, Zuhail Er and Zaid Abdulqader	Opportunity of using a hybrid wind/PV power generation system for water pumping
924	Zeynep Yıldız and Selim Ceylan	A TG/DSC-FTIR study on catalytic co-pyrolysis of lignite coal-macroalgae blends
925	Ağah Yıldız, Abdirezzak A. Sahal and Selim Ceylan	Catalytic conversion of waste cooking oil into hydrocarbon fuels
938	Oğuzhan Bartuğ Kurukaya and Aysun Eğrisöğüt Tiryaki	The Use of Dielectric Plates in Composite Materials with Multifunctional Energy Storage and Its Effect on Mechanical Properties
979	Madjid Abbaspour, Dordaneh Aghajani, Reza Radfar and Ali Pouryousefi	Using Web-GIS Technology as a smart tool of Resiliency to Monitor Wind Farms Performances: Case study: Ganjeh site, Iran
1009	Zeynep Ceylan and Serol Bulkan	The Grey Prediction GM (1,1) Model for Forecasting of Transportation-Related Energy Demand of Turkey

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180	Liang Huang, Zhengfu Ning, Juntai Shi, Kamy Sepehrnoori and Qing Wang	Enhanced gas Recovery by CO <sub>2</sub> Sequestration in Marine Shale: A Molecular View Based on Realistic Kerogen Model
196	Ali Ateş and Mehmet Orhan	Investigation of Liquefaction Potential of Saruhanlı (Manisa) Soils Using Dynamic Triaxial Test in Turkey
197	Ali Ateş, Ermedin Totiç and Burak Yeşil	Assessment of liquefaction–resistance of soils using standard penetration test, cone penetration test, and shear wave velocity data for Kutahya Court building in Turkey
267	Hadi Al- Baidhani , Kadir Günoğlu and Iskender Akkurt	Natural Radiation Measurement in Some oil Samples
260	Jian Sun, Mingqiang Chen and Qi Li	The Identification Method about Fracture Type “Sweet Spot” in Tight Sandstone Reservoir while Drilling
262	Ye Meng, Xiangfang Li, Mingjie Jiang, Dong Feng, Tao Zhang and Zenghua Zhang	Investigation into Three Dimensional Flow Characteristics of Multi-fractured Vertical Oil Wells Utilizing a Novel Experiment Device
351	Zhiqiang Hu, Jin Yang, Shuzhan Li, Wenlong Li,	Prediction of Sealed Annular Pressure Between Multiple Packers in HPHT Deepwater Wells

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352	Zhiqiang Hu, Jin Yang and Shuzhan Li	Design of crushable foam applied in deepwater well to mitigate annular pressure build-up
602	Yu Song and Jin Yang	A Study on Mechanical Properties of Drilling Riser Under Hang-off Mode in South China Sea
691	Xiaolong Mao and Yuetian Liu	A New Effective Stress Constitutive Equation for Cemented Porous Media Based on Experiment and Derivation
753	Ammar Algburi and Enis Sagular	Petrographical and Sedimentological Study of Balambo Formation at Northeastern Iraq
<a href="#">888</a>	<a href="#">Abdelhamid Messameh, Abdelkader Benkhaled and Bachir Achour</a>	Water Quality Analysis in Semi-Arid Environment within East-South Algerian Catchment Area using multivariate statistical techniques
896	Alper Ozseven, Kadir Gunoglu and Iskender Akkurt	Uranium concentration in sediments from Isparta-Eğirdir Lake
899	Miraç Kemişlioğlu and Feride Kulalı	A New Study Area for Chaotic Time Series Analyses Applications: Lesvos island
931	Miraç Kemişlioğlu	Chaotic Correlation Dimension Analysis of <sup>222</sup> Rn Gas Measurements Received from Soil
<a href="#">967</a>	<a href="#">Alaaddin Vural</a>	The Effect of the Geological Environment in Element Accumulation Capacity of Helichrysum Arenarium
968	Alaaddin Vural	Investigation of the Relation of Rare Earth Element Contents with Major Oxides and Trace Elements
999	Feride Kulalı, Iskender Akkurt and Nevzat Özgür	The Correlation of the Seismic Activities and Radon Concentration in Soil Gas
1011	Ibrahim Yigitoglu and Erhan Eser	Determination of Natural Radioactivity Levels in Soil and Travertine of The Region of Tokat-Sivas, Turkey

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<a href="#">2</a>	<a href="#">Abdelmadjid Recioui</a>	Optimal power factor correction capacitors placement in power systems using ETAP
<a href="#">3</a>	<a href="#">Abdelmadjid Recioui</a>	Rectangular Antenna Array Optimization using Wind Driven Optimization
<a href="#">4</a>	<a href="#">Omer Deperlioglu</a>	Neuro-Fuzzy Control of DC-DC Buck Converter
10	Mehmet Avcar and Hıyam Alsaid Alwan	Free Vibration Analysis of Functionally Graded Beams Using Different Engineering Theories
20	Mehmet Avcar and Waleed Khalid Mohammed	Free Vibration of Functionally Graded Beams Resting On Winkler-Pasternak Foundation
30	Farida Kessal	State Feedback Linearization of a Class of Multivariable Systems Using Similarity Transformation
31	Razika Zamoum Boushaki, Mustapha Ammiche and Farida Kessal	Adaptive Control of the recycle compression systems
32	Razika Zamoum Boushaki, Achraf Djerida and Farida Kessal	Self-tuning regulation of the recycle compression system
37	Aydin Teymourifar and Gurkan Ozturk	Extracting New Dispatching Rules for Dynamic Flow Shop Scheduling Under Buffer Conditions
39	Gür Emre Güraksın and Harun Uğuz	Comparison of Different Training Data Reduction Approaches for Fast Support Vector Machines Based on Principal Component Analysis and Distance Based Measurements
41	Anarbay Kudaykulov, Azat Tashev, Ainur Zhumadillayeva and Assel Askarova	Investigation of the steady nonlinear-thermomechanical state of a rod of limited length and constant cross-section in the presence of symmetrical local thermal insulation, lateral heat exchanges and end heat fluxes
50	Aigul Myrzasheva, Valentina Makhatova, Anarbay Kudaykulov, Beket Kenzhegulov, Nurgul Shazhdekeyeva and Ainur Zhumadillayeva	Thermal-stress deformed state of locally-symmetrically insulated rod on the cross-sectional areas on the both ends of the rod
51	Aigul Myrzasheva, Anarbay Kudaykulov, Beket Kenzhegulov, Valentina Makhatova, Raigul Tuleuova and Ainur Zhumadillayeva	Numerical study of thermal-stress deformed state of the rod with limited length in the presence of asymmetric heat sources and insulation
53	Latif Onur Uğur, Umut Naci Baykan and Recep Kanit	Artificial Neural Network (ANN) Useable Building Defining Features and Cost Predictions
54	Umut Naci Baykan, Latif Onur Uğur and Recep Kanit	Estimating Resource Requirements of Construction Projects with Artificial Neural Networks (ANN) Approach

69	Lei Song and Zhengfu Ning	Research on Reservoir Characteristics of Chang7 Tight oil based on Nano-CT
79	Ahmed Bentajer, Faouzia Ennaama, Hedabou Mustapha and Sadi Elfezazi	Enhancing Trust in Cloud's SPI Stack
80	Mustafa Tekin, Fatih Kececioğlu, Hakan Acikgoz, İsrail Karadöl, Ceyhun Yıldız, Ahmet Gani and Mustafa Şekkeli	USE OF SOLAR PANELS FOR DIFFERENT PURPOSES
90	Noureddine Hadidi	Numerical Investigation Of Double Diffusive Natural Convection In A Cubic Porous Cavity
<a href="#">99</a>	<a href="#">Khalid Alabid and Mustafa GÜnal</a>	Predict and simulate local scour downstream of Single Step Broad Crested Weir
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116	Samah Riache, Madjid Kidouche and Amar Rezoug	Non Singular Terminal Sliding Mode Control for Aerial Manipulator
117	Ismail Hakki Kara, Hayrettin Ahlatci, Yavuz Sun and Yunus Türen	La Effect on Microstructure and Corrosion Properties of Rolled AZ31 and Modified AZ31 Mg Alloys
123	Mouloud Challal, Ferhat Hachour and Ayoub Badaoui	Ultra-wide Stopband Microstrip Lowpass Filter Design for Communication Systems
127	Kamaran Abdullah, Nildem TayŞİ and Abbas Mohammed	Nonlinear Finite Element Modeling of Post-Tensioned Two-Way Concrete Slabs
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141	Noubeil Guermat and Ouarda Daranf	Humidity sensing properties of a thin-film tetraethoxysilane prepared by PECVD method
151	Khabat S. Mohammed, Mustafa GÜnal and Ayşe Yeter GÜnal	Simulation of scour around a group of bridge pier using flow 3D software
157	Sara Laafar, Kamal Baraka, Najib Boumaaz and Abdallah Soulmani	DC and AC characteristics modelling of Si CoolMOS transistor under PSPICE
162	Tuğçen Hatipoğlu and Özlen Erkal SÖnmez	A Novel Index for the Model Based Performance Analysis of Domestic Service in Cargo Delivery Companies
163	Tuğçen Hatipoğlu and Alpaslan Fiğlali	The Application of 5S in a Healthcare Production Company
179	Kaywan Othman Ahmed, Mustafa GÜnal and Ayşe Yeter GÜnal	Simulation of Blockage Effects on Scouring Downstream of Box Culverts under Unsteady Flow Conditions
186	Faouzia Ennaama, Khalid Benhida, Ahmed Bentajer and Ahmed Boulahoual	Facial Recognition of faces with hidden parts using Gabor Wavelets and PCA
192	Muammer Albayrak and Ahmet Albayrak	Experimental Design for Performance Tests of IoT (Internet of Things) Layers Protocols
198	Asmaa Maali, Hayat Semlali, Najib Boumaaz and Abdallah Soulmani	Comparative Analysis between different Spectrum Sensing methods for Cognitive Radio systems
200	Mucahit Soyaslan, Ahmet Fenercioglu, Osman Eldogan and Yusuf Avşar	Optimal Design and Analysis of an Outer Rotor Brushless Permanent Magnet DC Motor
203	Asli Boz, Alper Sezer, Tuba Ozdemir, Gul Ece Hizal and Ozlem Azdeniz	Strength of lime stabilised fiber reinforced clay: a comparative study concerning the influences of basalt and polypropylene fiber
204	Rana Valizadeh-Kamran, Ahmad Heydariyan, Najmeh Damghani and Jalil Nourmohammadi Khiarak	Big data analysis in plant science and machine learning tool applications in genomics and proteomics
<a href="#">206</a>	<a href="#">Hubert Anysz and Bartłomiej Buczkowski</a>	The association analysis for risk evaluation of significant delay in the completion date of a construction contract
216	Mustafa Tekin, Ö. Fatih Kececioğlu, Ceyhun Yıldız, İsrail Karadöl, Ahmet Gani and Mustafa Şekkeli	MODELING THE SOLAR POWER PLANTS IN TERMS OF EFFECTS OVER THE ELECTRICITY NETWORK
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228	Nabi Ibadov	Construction project planning under fuzzy time constraint
244	Muhammed Enes Ük, Faris Bin Sajjad Ali Shah, Mücahit Soyaslan and Osman Eldoğan	Modelling, Control and Simulation of a SCARA PRR-Type Robot Manipulator

247	Ali İhsan Boyacı and Kasım Baynal	Optimization of Elastomeric Bearings' Vulcanization Process by Using Response Surface Methodology
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274	Artur Zbiciak and Rafal Michalczyk	Time-Temperature Superposition for Viscoelastic Materials with Application to Asphalt Aggregate Mixes
276	Yueli Feng and Yuetian Liu	The Effect of the Fracture Directions on Stress Sensitivity of Fractured Reservoir
278	Amer Zebari and Mehmet Tolga GÖĞÜŞ	Investigation of Design Parameters Effects Performance of Concrete Filled Steel Composite Rectangular Members According to Design Codes
279	Yunus Celik, Mahmut Altun and Mahit Gunes	A Novel Webcam Aided Mouse Design for Disabled
280	Yunus Celik, Mahmut Altun and Mahit Gunes	An Autonomous System That Shoots Moving Object with A Laser
281	Moshtak Abdulmaged and Mehmet Tolga GÖĞÜŞ	Parameteric Study for Performance of Concrete Filled Steel Composite Circular Members According to Design Codes
292	Yueli Feng and Yuetian Liu	Study on Factors Affecting CO2 Recovery of Fractured Pressure-sensitive Reservoirs
300	Ahmet Ünal, Emre Okur, Kemal Yaman and Mehmet Arif Adli	Dynamic Investigation of Thrust Vector Control (TVC) Performance Test System
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305	Ashraf Azmi, Suhairi Abdul Sata and Norashid Aziz	Simulation and Optimization of Industrial Tubular Reactors for High Pressure Low Density Polyethylene Production
315	Abdullah Yesil, Mustafa Konal and Firat Kacar	A Low-Voltage Low-Power Full-Wave Rectifier Based on Dynamic Threshold Voltage MOSFET
337	Tolga Palandiz, Ramazan Senol and Hilmi Cenk Bayrakci	Traffic Signalization By Fuzzy Logic According To Number Of Vehicles, Vehicle Type, Fuel And Time Parameters Of 5 Leg Roundabouts
339	Izzat Al-Darraji, Ali Kılıç and Sadettin Kapucu	Direct Stiffness Control of Variable Stiffness Actuators for Grasping Applications Using Fuzzy Inference Optimization
341	Cagri Yalcinkaya, Ramazan Senol, Tolga Palandiz and Kubilay Taşdelen	Cylindrical Parabolic Solar Collector Control With Fuzzy Logic Controller
342	Ali Kılıç, Ömer Yavuz Bozkurt and Özkan Özbek	Design and Construction of 2-Axis Filament Winding Machine
347	Abdullah Burak Keskekci, Ramazan Senol and Hilmi Cenk Bayrakçı	Developing Fuzzy Logic Solution for Wrapping Problem In 3D Printing
353	Marko Vasiljević, Dinu Dragan, Aleksandar Kupusinac and Dunja Vrbaški	Virtual Reality Innovation Hub
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369	Onur Ayan, Semih Ergin, Duygu Zeynep Demirez, Huseyin Kagan Kiziloz, Gizem Inci and Seckin Isleyen	The Detection of Spoiled Fruits on a Conveyor Belt Using Image Processing Techniques and OPC Server Software
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416	Murat Çolak and Ali İhsan Boyacı	Green Performance Evaluation of Manufacturers Using Fuzzy MCDM Techniques: A Case Study for Automotive Industry
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423	Hasbi Apaydın	Design And Implementation Of The 16F877 Microcontroller Training Kit To Test The 16f877 Microcontroller

		Circuit Drawings Designed In The ISIS Simulation program.
<a href="#">430</a>	<a href="#">Kemal Armagan, Gülay Malkoç, Serdal Terzi and Mehmet Saltan</a>	Mechanistic Empirical Design Method Analysis of HMA with Self Healing Material
442	Mustafa Konal, Abdullah Yesil and Firat Kacar	Realization of Grounded Active Inductor Circuit with Only MOSFETs
446	Ibrahim Kutay Yilmazcoban and Omer Adanur	Experimental Crash-Box Optimizations for The Frontal Impact Scenario of a Vehicle to Decrease The Shock Effects of Collisions
449	Emre Esener, Emre Sönmez and Mehmet Fırat	Optimization of Process Parameters to Eliminate Tearing in Sheet Metal Forming Processes
450	Mehmet Fırat, Emre Esener and Emre Sönmez	An Experimental and Numerical Investigation of Drawbead Restraint Forces
461	Kevser Ovaz and Rajendra Boppana	GPU Based Bitonic Sorting with CUDA
463	Paulina Krolo and Davor Grandić	Experimental testing of European Mild Structural Steel under Cyclic Loading
<a href="#">472</a>	<a href="#">Mustafa Akpınar</a>	Optimizing the Heat Transfer Parameters Using Genetic Algorithm
473	Remzi Tuntas	Voltage Controlled Oscillator Design with PID and Fuzzy Logic Control Methods
474	Remzi Tuntas	A Neural Network Based Controller Design for Temperature Control In Heat Exchanger
479	Zeynep Garip, Durmuş Karayel, Sinan Serdar Ozkan and Gökhan Atali	Path Planning for Multiple Mobile Robots in Static Environment using Hybrid Algorithm
482	Chaker Saleh and Mouloud Bouzoud	Microstrip antenna gain enhancement with metamaterial real grid
488	Marcin Kowalczyk	Experimental 2-channel MIMO-OCC communications system
489	Marcin Kowalczyk and Michał Ziółkowski	Scalable analytical platform based on the Raspberry Pi cluster
500	Sadık Olguner and Ali Tolga Bozdana	Design and Construction of an Experimental Setup for Implementation of Ultrasonic Vibrations on Deep Drawing Process
507	Cene Krasniqi, Naser Kabashi, Hysni Morina and Enes Krasniqi	COMPARE THE CONCRETE BEAMS BEHAVIOUR REINFORCED WITH GFRP AND CONVENCIONAL BARS
528	Serkan Ögüt, Hasan Kaya, Aykut Kentli, Kerim Özbeyaz and Mehmet Şahbaz	Numerically Investigation of Hardness Distribution in ECAE Processed Al 7075 Alloy
<a href="#">538</a>	<a href="#">Durmuş Karayel, Sinan Serdar Ozkan, Gökhan Atali and Abdurrahman Cetin</a>	Reduction of Burr Formation in Drilling Process of Sheet Metals / Tube Profiles Using Fuzzy Logic
541	Lei Zheng and Xiaodong Wu	Study on Performance of Progressing Cavity Pumps in Different Fit Modes
542	Wang Bo, Zhou Fujian, Yuan Lishan, Hu Jia and Wang Yue	Simulation Study on Temporarily Plugging Staged Fracturing Using XFEM-based CZM
547	Jian Chen, Yuetian Liu, Yueli Feng and Xiaoqing Zhang	Numerical Simulation and Field Application of Waterflood Well Pattern Design and Adjustment in Anisotropic Low Permeability Oil Reservoirs
552	Muzaffer Tatli, İbrahim Arda Çankaya and Arif Koyun	Development of Mobile Based Arduino Controlled Intelligent Home System Using Artificial Neural Networks
553	İbrahim Arda Çankaya, Muzaffer Tatlı and Arif Koyun	Development of Mobile Device Controlled Fire Extinguishing Robot with Determination of Location Using Genetic Algorithms
554	Dinie Muhammad, Zainal Ahmad and Norashid Aziz	Simulation and Nonlinearity Studies of Low Density Polyethylene (LDPE) Tubular Reactor
556	Sadık Olguner and İ. Hüseyin Filiz	Numerical Investigation of Flow Characteristic and Load Carrying Capacity of External Gear Pumps with Asymmetric Spur Gears
571	Onur Aykut Kapucu, Hasan Kasim, Yücel Can and Murat Yazici	Experimental Investigation on Fatigue Life of Cord-Rubber Composites
574	Alua Turginbayeva	Unreliability of accounts tied to public mail servers
600	Harun Güçlü, Yücel Can and Murat Yazici	Impact Response of Polymer Foam Core Aluminum Sandwich Panels for Pedestrian Friendly Car Hood
625	Musa Cibuk, Davut Ari and Fikri Aggun	A NEW JOINING ALGORITHM FOR MULTI-HOP NON-MOBILE WIRELESS SENSOR NETWORKS
627	Musa Cibuk, Hanefi Cinar and Fikri Aggun	3D-MAC: A New Multi-channel MAC Protocol Approach for Delay Constrained MWSNs

<a href="#">656</a>	<a href="#">Yiğit Anıl Yücesan and Erdem Acar</a>	Shape Optimization of Lightning Holes Used in Aircraft Fuselage Beams
660	Nusret Bozkurt, Vural Taşkın and Salih Yazıcıoğlu	The Investigation of the Mechanical and Durability Properties of Self-Compacting Lightweight Concrete Produced with Acidic Pumice
662	Nusret Bozkurt, Emre Keskiner and Salih Yazıcıoğlu	The Design of Fibre Reinforced Self Compacting Lightweight Concrete and the Investigation of Early-Age Mechanical Properties Produced with Acidic Pumice and Waste Powders
667	Sadok Benmebarek, Mohamed Djabri and Naima Benmebarek	Numerical analysis of dynamic behavior of back-to-back mechanically stabilized earth walls
669	Naima Benmebarek, Insaf Saifi and Sadok Benmebarek	Undrained vertical bearing capacity factors for circular shallow foundations
692	Mehmet Erkan Kütük, Memik Taylan Daş and Lale Canan Dülger	Adapting an Industrial Robot to Upper Extremity Rehabilitation
695	Mehmet Erkan Kütük, Memik Taylan Daş and Lale Canan Dülger	Motion Teaching for Upper Extremity Rehabilitation: Haptic Assisted Robot
698	Serdar Paçacı and Okan Bingöl	Virtual Laboratory for Fuzzy Logic, Neural Network and Neuro-Fuzzy Controllers: A Case Study on Speed Control of Induction Motor
699	Okan Bingöl, Burçin Özkaya, Yusuf Öner, Hamdin Bağçeci and İzzet Ayyıldız	Arduino Based Android Controlled Smart Home Automation System
700	Sadık Olguner and Ali Tolga Bozdana	Numerical Simulation of High Frequency Vibration Assisted Deep Drawing
713	Murat Çolak, Şeyma Kesik, Utkan Mutman and Gülşen Aydın Keskin	Investigation of a Construction Project Using a Project Planning Technique
715	Murat Ozsoy and Neslihan Ozsoy	Optimization of Stress Concentration Factor at B-Spline Notches
723	İsmail Serkan Üncü and Asude şahin	Design and Application of Computer Controlled Goniosoundmeter
726	İsmail Serkan Üncü and Hasan Eğin	Remotely Operated Underwater Vehicle And Analysis System (ROPUVAS)
727	İsmail Serkan Üncü and Cemal Işılak	The Analysis of Wind Turbine Performance depending on the wind speed and its height by using Aerostat System
<a href="#">728</a>	<a href="#">Tuba Yener, Suayb Çağrı Yener and Resat Mutlu</a>	Resistance Calculation of a Resistive Sintering System Container Using Finite Difference Method
729	Hüseyin Dal, İbrahim Esat and Mehmet Akif Koç	Vibration of Thin Rectangular Plates with Elastic and Damping Support
<a href="#">734</a>	<a href="#">Sadok Benmebarek</a>	Settlement evaluation of the Algiers harbour platform improved by stone columns
735	Lamine Belounar, Abderahim Belounar and Tarek Merzouki	A triangular Mindlin plate finite element based on the the strain approach for plate bending
<a href="#">742</a>	<a href="#">Suayb Çağrı Yener, Tuba Yener and Resat Mutlu</a>	Electrically-assisted Sintering System Container Temperature Versus Time During Cooling
744	Osman İyibilgin, İsmail Hakkı Serdar and Fehim Findik	Effect of Hive Materials to Rifle Service Life: Finite Element Analysis and Experimental Study
746	Osman İyibilgin and Hüseyin Dal	Experimental Modal Analysis Of Beams Produced With 3D Printer In Different Internal Pattern
754	Mouloud Challal, Ali Mermoul and Kenza Hocine	Design and Fabrication of a Novel Compact Dual-band BPF using Folded Non-Uniform Meander Resonators
760	Michal Juszczak and Agnieszka Leśniak	Prediction of Site Overhead Costs in Construction Projects Based on Neural Network Ensembles
<a href="#">764</a>	<a href="#">Mohammad Khasawneh and Tamara Bani-Ata</a>	Parametric Sensitivity Analysis of AASHTO Rigid Pavement Design Equation
777	Feim Ridvan Rasim and Sebastian M. Sattler	Structure-Preserving Modeling for Safety Critical Digital Circuits
782	Ali Tolga Bozdana and Abdullah Gazi Fırat	Prediction of Material Removal Rate in Electrical Discharge Drilling Process using Gene Expression Programming
783	Habibullah Bilge, Ömer Kadir Morgül, Murat Pakdil and Hüseyin Dal	EFFECT OF FATIGUE CRACK PROPAGATION ON NATURAL FREQUENCIES OF BEAM
784	Habibullah Bilge, Murat Pakdil, Ömer Kadir Morgül and Hüseyin Dal	EXPERIMENTAL ANALYSIS OF FATIGUE CRACK PROPAGATION EFFECTS ON NATURAL FREQUENCIES OF BEAM UNDER GRADUALLY DECREASING LOAD
790	Ömer K. Morgül, Hüseyin Dal and Habibullah Bilge	Determining The Modulus of Elasticity in Sandwich Beams by Experimental Modal Analysis
792	Ömer K. Morgül, Hüseyin Dal and Adem Duygu	Experimental and Numerical Vibration Analysis of Cracked Square Plates
802	Ouali Mohammed and Magraoui Rabah	EXPERIMENTAL AND THEORETICAL STUDY OF A MACHINE CRUSHER AND PROPOSED SOLUTIONS

809	Abdelhakim Idir, Madjid Kidouche and Aimad Ahriche	Tuning of pid controller using particle swarm optimization and Bacterial foraging algorithms : A comparative study
812	Jingchen Ding, Shenglai Yang, Yunqing Shi, Tongsheng Cao and Jianbiao Wu	Dynamic Threshold Pressure Gradient of Tight Gas Reservoir and Its Influence on Well Productivity
817	Nergiz Kasimbeyli, Tuğba Saraç and Refail Kasimbeyli	Mathematical Models and Solution Methods for Multiobjective One-dimensional Cutting and Assortment Problems
818	Refail Kasimbeyli, Behnam Soleimani and Gurkan Ozturk	Computing the Efficient Set of Nonconvex Multi-Objective Optimization Problems
822	Tuğçen Hatipoğlu, İbrahim Nakay, Erhan Köksal and Alpaslan Fıçlalı	Feasibility Analysis of a Water Ram Investment Project
830	Mesut Tigidemir, Mahyar Jafarzadyeganeh and Mehmet Avcar	Finite Element Modelling of Wheel On The Snow
842	Abderraouf Messai, Belounar Lamine, Merzouki Tarek and Fortas Lahcene	The implementation of three dimensional brick strain based finite elements in the ABAQUS code for plate bending analysis
850	Alper Kiraz, Onur Canpolat, Enes Furkan Erkan and Fatih Albayrak	Evaluating R&D Projects with Using Two Phases Fuzzy AHP and Fuzzy TOPSIS Methods
851	Alper Kiraz, Onur Canpolat, Enes Furkan Erkan and Fatih Albayrak	Determining Importance Degrees of Strategic Plan Goals with Integrated Fuzzy AHP and Fuzzy TOPSIS Methods
853	Alper Kiraz, Özer Uygun, Enes Furkan Erkan and Onur Canpolat	Fuzzy Cognitive Mapping Approach For Assessing Industry 4.0 Tendency
862	Alper Kiraz, Merve Cengiz Toklu and Mehmet Rıza Adalı	A Fuzzy-Rule-Based Approach to Westinghouse System of Rating for Operator Performance Evaluation
864	Hüseyin Eski, Ümit Kocabağcı and Ertuğrul Gelen	Kinematic Analysis of Squat Movement With Using Kalman Filters
865	Onur İnan, Abdullah Erdal TÜmer, Sabri Koçer and Saban Gülcü	Diagnosis of lung cancer disease using artificial neural networks
871	Murat Ayaz, Volkan Aygul, Ferhat Duzenli and Erkutay Tasdemirci	Comparative Study on Control Methods for Air Conditioning of Industrial Paint Booths
872	Murat Ayaz, Erkutay Tasdemirci, Hüseyin Yüksel and Volkan Aygul	COMPREHENSIVE STUDY ON AUTOMATION OF TOXIC GAS MEASUREMENT
873	Şekip Esat Hayber, Timuçin Emre Tabaru, Umut Aydemir and Ömer Galip Saraçoğlu	Using of 2D In2Se3 Single Crystal for Fabry-Perot Fiber Optic Acoustic Sensors as a Diaphragm Material
879	Nevra Akbilek	APPLIED HEALTHCARE SYSTEM OPTIMIZATION
882	İsa Sağlam, Fatih Albayrak, Özgür Çiftçi and Hüseyin Eski	Density Analysis of Metrobus Transportation Network Using A Synthetic Algorithm
884	Özgür Çiftçi and Ümit Kocabağcı	Role Management in Enterprise Architects
885	Hatice Vural	DFT Computational and Spectroscopic Investigations on 3-Hydroxypicolinamide
887	Nevra Akbilek	LEAN ORIENTED INDUSTRY 4.0 APPLICATIONS IN AUTOMOTIVE INDUSTRY
889	Hamza Zerrouki and Hacene Smadi	Risk management of a Liquefied Natural Gas process facility using Bow tie and Bayesian Networks
903	Ahmet Beycioglu, Bahar Tercan, Adil Gültekin and Nabi Ibadov	RBMFL Approach to Estimate Fresh Properties of SCCS Containing Basalt and Glass Fibers
904	Bahar Tercan, Ahmet Beycioglu, Nabi Ibadov, Eda Yılmaz and Yılmaz Koçak	The Use of Regression Trees Model in Estimating Compressive Strength of Clinker Mortars
913	<a href="#">Halil İbrahim Demir</a> , <a href="#">Abdullah Hulusi Kökçam</a> , <a href="#">İbrahim Cil</a> and <a href="#">Burak Erkayman</a>	Integrating Process Planning and WEDD Scheduling with Weighted Due-Date Assignment Using Evolutionary Strategies and Simulated Annealing Algorithms
914	<a href="#">Halil İbrahim Demir</a> , <a href="#">Caner Erden</a> , <a href="#">Özer Uygun</a> and <a href="#">Abdullah Hulusi Kökçam</a>	Solving Process Planning WATC Scheduling and WPPW Due Date Assignment Concurrently using Modified Discrete PSO and Simulated Annealing Algorithms
917	Hüseyin Demirci, Nilüfer Yurtay, Yüksel Yurtay and Tuba Karagül Yıldız	Chaotic Number Generator Based Crossover Operator on Breeding Swarms Algorithm
927	Tuba Karagül Yıldız, Birgül Öneç, Nilüfer Yurtay, Yüksel Yurtay and Hüseyin Demirci	Classifying anemia types by using artificial learning methods
932	Abdullah Hulusi Kokcam, Ozer Uygun, Mehmet Fatih Taskin, Halil İbrahim Demir and Zeynep Demir	Modelling Porosity Permeability of Ceramic Tiles using Fuzzy Taguchi Method
934	Sinan Maraş and Mustafa Yaman	Free Vibration Analysis of Fiber Metal Laminated Straight Beam

936	Ozer Uygun, Mehmet Fatih Taskin and Abdullah Hulusi Kokcam	Analyzing Factors of Green Supply Chain Management using Structural Equation Modelling
937	Muhammed Kotan and Cemil Öz	Using Reflectance Map Linearization Techniques for Quality Control in Production
943	Mustafa Ozdemir, Ufuk Durmaz and Korhan Okten	Experimental and CFD Study of a Heat Recovery Tank
947	İsmail Yüce	YARNS THAT EMIT FAR INFRARED RAYS (REVIEW)
957	Yasin Durgut	Metrological Characterization of Non-Rotating Low-Pressure Piston-Cylinder Unit System
959	Muharrem Ünver and İbrahim Çil	The Modified Fuzzy Group Decision Making Method For The Selection Of Railway Transportation Materials
960	Yüksel Yurtay, Nilüfer Yurtay, Özgür Çiftçi and Eyüp Akçetin	Improving Service Processes and the Library Quality Service with Data Mining Methods
966	Bulent Erkmen and Bilal Balcı	Effects of Sliding Foundation on Blast Performance of Modular Structures and Developing Simple Blast Analysis Tools
976	Şemsettin Kılınçarslan, İskender Akkurt, Serkan ÜncÜ and Feyza Akarslan	Investigation of the Effect of Coating Method on the Radiation Shielding Properties of Terry Cotton Fabric
977	Mokrane Dehmas, Arab Azrar, Mouloud Challal, Kahina Djafri and Faiza Mouhouche	Bow Shape Microstrip Antenna Analysis and Size Reduction Using Defects
982	Okan Bingöl, Serdal Terzi and Begench Yarmatov	Modeling the Pavement Serviceability Ratio of Flexible Highway Pavements by Hybrid Machine Learning
986	Tuba Karagul Yildiz, Nilüfer Yurtay and Birgül Öneç	Prediction of Anemia Types Using Deep Learning Methods
987	Xueli Guo, Jun Li and Gonghui Liu	Numerical Simulation of Well Integrity by High Pressure and Transient Temperature for Horizontal Shale Gas Wells
1005	Zeynep Ceylan, Serol Bulkan and Hakan Tozan	Comparison of Multi-Objective Decision-Making Methods for Bi-Objective Integrated Supply Chain Network in Automotive Industry
<a href="#">1006</a>	<a href="#">Ahmet Türk, Yasin Durgut and Savaş Berber</a>	Determination of Effective Area of A Piston-Cylinder Unit by Dimensional Measurements Method
1007	Sina Karimpour Reyhan, Mustafa Yaman, Mehmet Fatih Şansveren and Sinan Maraş	Low Velocity Impact Behavior of Sandwich Composite Structures with Different Core Materials

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44	Laslouni Ouarda and Azzaz Mohamed	Study And Influence Of The Size Of Crystallinities On The Magnetic Behavior Of Iron Alloys.
48	İsmail Hakkı Karahan	Effect of Current Density on the Corrosion Protection Performance of Polyaniline Coated AISI 4140 Steel
49	İsmail Hakkı Karahan	The effect of boric acid on the deposition properties of the polyaniline coatings obtained from oxalic acid and H2SO4 medium
96	Aydin Güneş, Abdullah Aslan, Emin Salur, Hayrettin Duzcukoglu and Omer Sinan Sahin	Effect of Radial Position on Mechanical Properties of Cyclindrical Composites
97	Handan Demirel, Aydın Güneş and Ömer Sinan Şahin	Recycling and Characterization of Metallic Chips Using Powder Metallurgy
164	Tennur G. Ünal and Ege A. Diler	Comparison of Microstructure and Mechanical Properties of AlSi9Cu3 Metal Matrix Composites Reinforced by Micro and Nano Sized Ceramic Reinforcement Particles Manufactured via Stir Casting Method
173	Aliye Arabacı	Oxide ionic conductivity and microstructures of Pr and Sm co-doped CeO2-based systems
210	Tennur G. Ünal and Ege A. Diler	Microstructure and Mechanical Properties of AlSi9Cu3 Metal Matrix Nanocomposites Reinforced Nano Sized Ceramic Particles Manufactured via Stir Casting Method
212	Alper Sezer, İrem Bozyiğit and Selim Altun	Mechanical behavior of clay stabilized using granulated recycled glass, silica fume and cement

214	Meral Coban, Seda Hazer and Ayse Aytac	Effects of Different Types Fiber Reinforcement on the Properties of PLA/PC Composites
217	Fatma Gode and Serdar Unlu	Nickel doping effect on the structural and electro-optical properties of indium sulfide thin films by successive ionic layer adsorption and reaction method
218	Ramazan Demir and Fatma Gode	Preparation and characterization of nanocrystalline CdS thin films deposited by chemical bath deposition
232	Seda Hazer, Meral Çoban and Ayse Aytac	A STUDY ON THERMAL, FLAME AND MECHANICAL BEHAVIORS OF CARBON FIBER REINFORCED POLY(LACTIC ACID)/POLYCARBONATE COMPOSITES
235	Okan Gul, Ecem Karatas, N. Gamze Karsli and Taner Yilmaz	Effects of Coupling Agent Addition on the Fracture Toughness, Mechanical, Thermal and Morphological Properties of Glass Fiber Reinforced Polyamide 6,6 Matrix Composites
236	Okan Gul, Ecem Karatas, N. Gamze Karsli and Taner Yilmaz	Mechanical, Thermal and Morphological Properties of Graphene Nanoplatelet and Carbon Fiber Reinforced Poly(Phenylene Sulphide) Composites In The Presence Of Glycidyl Methacrylate Terpolymer as Matrix Modifier
255	Ahmet Atasoy and Ertuğrul Can	Preparation and Characterization of Zinc-Bismuth Frit for Tempered Glass Surface Applications
298	Ali Bolattürk, Osman İpek, Karani Kurtuluş and Mehmet Kan	Steady Stead Numerical Simulation of Mold Conformal Cooling Channels and Investigation of Exergy Destruction
299	Osman İpek, Ali Bolattürk, Mehmet Kan and Karani Kurtuluş	Investigation of Numerical Simulation of Solidification and Thermal Behavior of Metal Molds with Original Cooling Channels
306	Mohammed Salih Ahmed Ahmed and G.Bahar Basim	THREE-PHASE FLOW SIMULATIONS OF ELECTROCHEMICAL CORROSION IN ELBOW CARBON STEEL PIPES
<a href="#">307</a>	<a href="#">Arber Zeqiraj and Fisnik Aliaj</a>	Experimental and finite element study of metallic beams simply supported and subjected to a concentrated static load
317	Assist. Prof. Dr. Duygu Anakli, Prof. Dr. Sevil Çetinkaya and Prof. Dr. Meral Karakişla Şahin	Synthesis of Conductive Polymer / Inorganic Material Composites and Characterization of Their Properties
321	Canser Aksoy and Assist. Prof. Dr. Duygu Anakli	Synthesis of Graphene Oxide Through Ultrasonic Assisted Electrochemical Exfoliation of Graphite
325	Utku Canci Matur and Nilgün Baydoğan	The Change of Optical and Structural Properties of CIGS Thin Films by Annealing Time
327	Gözde İnan Sezer and Gökhan Erineç	Effect of Rice Husk Ash on Concrete Properties
336	Mesut Özer, Hasan Kaya, Ramazan Samur, Mehmet Uçar and Halit Cebi	Current Effect of Resistance Spot Welded Unequal Thickness DP600 Dual-Phase Steel Joints
354	Ismail Hakkı Kara, Hayrettin Ahlatci, Yunus Türen and Yavuz Sun	Texture and Mechanical Properties of La added AZ31 Mg alloys
355	Nurşah Kütük and Sevil Çetinkaya	GREEN REDUCTION OF GRAPHENE OXIDE BY USING DIFFERENT NATURAL REDUCTANT
365	Ramazan Demir and Ismet Kaya	Humidity properties of Schiff base polymers
376	Uğur Özsaraç, Nuri Akkaş, Fatih Özen, Şafak Işık, Yusuf Sadi Aslanlar and Salim Aslanlar	Effect of Resistance Spot Welding Parameters on Tensile-Shear Strengths of Martensitic/TWIP Steels
377	Volkan Onar, Fatih Özen, Melih Kekik, Yusuf Sadi Aslanlar, Yüksel Özderin and Salim Aslanlar	Effect of Current and Welding Time on Tensile-Peel Strength in The Resistance Spot Welded TWIP 1000 and Martensitic steels
379	Azade Yelten and Suat Yilmaz	An Investigation on Ternary Biocomposite Powders: Synthesis and Characterization
386	Virginija Kepeniene, Raminta Stagniunaite, Vidas Pakstas, Loreta Tamašauskaitė-Tamašiūnaitė and Eugenijus Norkus	Oxygen Reduction Reaction catalyzed by Metal Oxide/Graphene-Supported Platinum-Cobalt Catalysts
394	Kadir Mert Döleker, Yasin Ozgurluk, Hayrettin Ahlatci and Abdullah Cahit Karaoglanli	Investigation of Oxidation Behavior at 1000 °C of Gadolinium Zirconate (Gd <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> ) Thermal Barrier Coatings (TBCs) produced by Electron Beam Physical Vapor Deposition (EB-PVD) technique
395	Yasin Ozgurluk, Kadir Mert Doleker, Hayrettin Ahlatci and Abdullah Cahit Karaoglanli	Investigation of Hot Corrosion Behavior of Thermal Barrier Coating (TBC) Systems with Rare Earth Content
396	Kadir Mert Döleker, Yasin Ozgurluk, Abdullah Selim Parlakyigit, Hayrettin Ahlatci and Abdullah Cahit Karaoglanli	Oxidation Behavior of NiCr Bond Coated Thermal Barrier Coatings (TBCs) Produced with Atmospheric Plasma Spray (APS) Technique

398	Yasin Ozgurluk, Kadir Mert Doleker, Hayrettin Ahlatci and Abdullah Cahit Karaoglanli	The Effect of Vermiculite on the Failure Mechanism of Electron Beam Physical Vapor Deposition (EB-PVD) Thermal Barrier Coatings (TBCs)
407	Uğur Öz Saraç, Volkan Onar, Fatih Özen, Yusuf Sadi Aslanlar, Nuri Akkaş and Salim Aslanlar	Effect of Welding Time on Tensile-Shear Strength in The Resistance Spot Welded TRIP 800 And Micro Alloyed Steels
419	Kerim Özbeyaz, Hasan Kaya, Aykut Kentli, Mehmet Şahbaz and Serkan Ögüt	Mechanical Properties and Electrical Conductivity Performance of ECAP Processed Al2024 Alloy
420	Neira Toric Malic, Natalija Bede and Ivica Kozar	Detection of cracks and casting defects in steel fiber concrete using resonant frequency response
432	Muhammet Emre Turan, Yavuz Sun and Fatih Aydin	Synthesis of Fullerene-reinforced AZ91 magnesium alloy composites by powder metallurgy
433	Muhammet Emre Turan, Yavuz Sun, Fatih Aydin, Yunus Turen and Hayrettin Ahlatci	Effect of Zn on mechanical and corrosion behaviors of Mg-Zn-GNP composites
436	Fatih Aydın, Yavuz Sun and Muhammet Emre Turan	The investigation of microstructure, mechanical and wear behavior of B4C particulate reinforced AZ91 matrix composites by powder metallurgy
437	Fatih Aydin, Yavuz Sun, Muhammet Emre Turan, Hayrettin Ahlatci and Yunus Turen	Production of ZrO2 reinforced AZ31 matrix composites via powder metallurgy
439	Mahmut Tandogan and Omer Eyercioglu	Experimental and Numerical Investigation of Rubber Pad Forming Process
448	Mehmet Şahbaz, Hasan Kaya, Aykut Kentli, Mehmet Uçar, Serkan Ögüt and Kerim Özbeyaz	An Experimental Comparison of Annealed & ECAPed Al5083 Alloy
451	Mehmet Şahbaz, Hasan Kaya, Aykut Kentli, Mehmet Ucar, Serkan Ögüt and Kerim Özbeyaz	Analytical and Numerical Analysis Comparison of ECAP for Al5083 Alloy
457	Serkan Ögüt, Hasan Kaya, Aykut Kentli, Kerim Özbeyaz and Mehmet Şahbaz	Investigation on Effects of ECAE on Microstructure, Hardness and Electrical Conductivity of Al 7075 Alloy
460	Özge Erdem, Murat Abdioglu, Sait Baris Guner, Sukru Celik and Tayfur Kucukomeroglu	Effect of Hot Pressing on the Coronene Added Bulk MgB2 Superconductors
465	Celal Kursun, Ahmet Muslim Aksoy, Mehmet Tarakci and Musa Gogebakan	Synthesis and mechanical properties of (Ni70Si30)100-xFex (x=0, 5, 10) alloys
467	Celal Kursun, Musa Gogebakan, Yucel Gencer, Mehmet Tarakci, Sezgin Cengiz, Yunus Azaklı and Hasan Eskalen	The effects of Nd additions on microstructure and properties of Mg-Ni-Y alloys
470	Ayşe Yeter Günel and Mustafa Günel	Usage of Pistachio Shells in Concrete
485	Mousa Al-Noaimi and Ayman Hammoudeh	Ruthenium(II) diamine complexes incorporating azoimine ancillary ligands. Synthesis, spectral, crystal structure and DFT calculations and catalytic activity in the hydrogenation of $\alpha,\beta$ -unsaturated aldehyde
494	M. Fatih Ergin	Performance Optimization of a Single-Screw Extruder with Transparent Barrel for Ethylene Vinyl Acetate Using Mixture Design of Experiments
509	Naser Kabashi, Cene Krasniqi, Ragip Hadri and Ali Muriqi	Reinforcement Concrete beams with Polypropylene Fibres and Effects in Flexural Behaviour
513	Celal Kursun	Mechanically alloyed nanocrystalline Al-B-Si Alloy
516	Gözde Çelebi Efe, İbrahim Altınsoy, Tuba Yener and Cuma Bindal	Kinetics of Borides formed on 40CrMnNiMo864 Steel
517	Gözde Çelebi Efe, İbrahim Altınsoy, Tuba Yener, Mediha İpek, Cuma Bindal and Sakin Zeytin	Characterization of Pack Siliconized 31CrMoV9 Steel
522	Abdullah Aslan, Emin Salur, Aydın Güneş, Ömer Sinan Şahin, Hakan Burak Karadağ and Ahmet Akdemir	An investigation of Bronze-cast iron composites produced by direct recycling of metallic chips at different pressures.
525	Abdullah Aslan, Mustafa Kuntoğlu, Emin Salur, Aydın Güneş and Ömer Sinan Şahin	Evaluation of Hardness of Metal matrix composite materials measured from different locations with fuzzy logic and statistical method
545	Tuba Yener, Gozde Celebi Efe, İbrahim Altınsoy, Mediha İpek, Cuma Bindal and Sakin Zeytin	Low Temperature Aluminising of Inconel 617 Alloy By Pack Cementation

546	Mediha İpek, Tuba Yener, Gozde Celebi Efe, Cuma Bindal and Sakin Zeytin	Peritectical Reaction of TiAl <sub>3</sub> -NbAl <sub>3</sub> phase in Ti-Al-Nb system
567	Hakan Candar and I. Huseyin Filiz	Experimental Study and Prediction Model Generation of Kerf Geometry in Abrasive Waterjet Cutting Process
570	Nazim UCAR , Cihan EKINCI , A. Faruk OZDEMİR, Kadir. GUNOGLU , Adnan. CALIK and Serdar KARAKAS	RADIATION SHIELDING PROPERTIES OF BORIDED Fe-Ni BINARY ALLOYS
577	Derya Kırsever and Hüseyin Özkan Toplan	Production and Characterization of Porous Ceramic Material from Na <sub>2</sub> CO <sub>3</sub> Doped Porcelain Polishing Waste
578	Adnan Calik, Nazim Ucar, Serdar Karakas and Soner Duran	Investigation of Structure and Some Mechanical Properties of ETIAL 160 Aluminum Produced by Injection Molding Method
592	Beyhan Erdem, Sezer Erdem and Ramis Mustafa Öksüzöğlü	Catalytic Applications of Large Pore Sulfonic Acid-Functionalized SBA-15 Mesoporous Silica for Esterification
609	Samet Çalışkan and Onur Saray	Investigation of the Spring-back Effects of the Galvanized Sheet Metal on Lighting Performance of the Device
<a href="#">632</a>	<a href="#">Serkan Biyik</a>	Effect of Cubic and Hexagonal Boron Nitride Additions on the Synthesis of Ag-SnO <sub>2</sub> Electrical Contact Material
<a href="#">634</a>	<a href="#">Serkan Biyik</a>	Effect of Reinforcement Ratio on Physical and Mechanical Properties of Cu-W Composites Synthesized by Ball Milling
637	Hasan Kasim and Murat Yazici	Electrical and Fatigue Properties of Graphene/ Natural Rubber Nanocomposites Coated Nylon 6.6 Fabric under Cyclic Loading
645	Yücel Can	Development of the Cotton Fibre Waste/Recycled Acrylonitrile Butadiene Styrene (ABS) Composite Materials for Sound Insulation
<a href="#">646</a>	<a href="#">Atilla Evcin and Baki Büyükleblebici</a>	Coating of B <sub>2</sub> O <sub>3</sub> Ve Al <sub>2</sub> O <sub>3</sub> containing Hydroxyapatite on Ti6Al4V by HVOF Technique
<a href="#">649</a>	<a href="#">Atilla Evcin, Süleyman Akpınar, Bahri Ersoy, Metin Özgül, Ziya Özgür Yazıcı and Mustafa Uçar</a>	Surface Modification of Marble Wastes in the Silicone Matrix Using Carboxylic Acids
654	İbrahim Kürşad Türkoğlu, Murat Yazıcı, Hasan Kasım and Yücel Can	High Strain Rate and Quasi-static Compression Responses of Glass Bubble/Acrylonitrile Butadiene Styrene (ABS) Syntactic Foam
655	Murat Yazıcı, İbrahim Kürşad Türkoğlu, Harun Güçlü and Yücel Can	Quasi-static and Dynamic Characterisation of Hotmelt Ethylene / Vinyl Acetate Copolymer (EVA) Adhesives
710	İbrahim Özbay, Burcu Colak, Şaziye Efendioğlu, Çiğdem Bilge, Levent Aksel and Harun Yeni	ALUMINIUM HIGH PRESSURE DIE CASTING APPLICATION ON REAR FRAME RAILS
711	Harun Yeni, Levent Aksel, Burcu Colak, Çiğdem Bilge, Şaziye Efendioğlu and İbrahim Özbay	A New Aluminium Front Crash Beam Development Phase
733	Kerim Özbeyaz, Hasan Kaya, Aykut Kentli, Mehmet Şahbaz and Serkan Ögüt	A Study on Twist Equal Channel Angular Process in Recent Years
<a href="#">741</a>	<a href="#">Kaci Samira</a>	Elaboration of characterization of nanocrystalline Zn <sub>3</sub> P <sub>2</sub> thin film
748	Huseyin Koymatcik and Hayrettin Ahlatci	PURE BENDING FATIGUE BEHAVIORS OF 70 C and 90 C STEEL CORD FILAMENTS
766	Nermin Kutlu	The Optical and Crystallite Characterization of Bilayer TiO <sub>2</sub> Films Coated on Different ITO layers
789	Semih Karabulut, Samet Erzincanlıoğlu, Evren Altınok, Tamer Aydiner, Fırat Aras, Çağrı Akdeniz, Tanya Başer and Hafize Çelik	Development of A and B pillars with Third Generation Advanced High Strength Steels
807	Kağan Yurdal and İsmail Hakkı Karahan	A Cyclic Voltammetry and Corrosion Study For CuZn Films Electrodeposited From Solutions with Different Cu/Zn Ratios.
808	Kağan Yurdal and İsmail Hakkı Karahan	Cyclic Voltammetry and Corrosion Properties of CuZn Films Electrodeposited at Different pH values.
841	Murat Ayaz, Erkutay Tasdemirci, Mufit Yuçe, Erkan Mese and Ahmet Serhan Hergul	COMPARATIVE STUDY ON WINDING MATERIALS FOR WIND TURBINE ALTERNATORS
<a href="#">843</a>	<a href="#">Ahmet Serhan Hergul, Mufit Yuçe, Murat Ayaz, Erkutay Tasdemirci and Erkan Mese</a>	Investigation on Winding Materials Selection for Synchronous Alternators Used in Wind Turbines

852	Memduh Kurtulmuş and Alper Kiraz	Artificial Neural Network Modelling for Polyethylene FSSW Parameters
866	Memduh Kurtulmuş	Activated Flux TIG Welding of Steels: Review
867	Memduh Kurtulmuş	Effect of Tool Geometry and Process Parameters on Microstructure and Mechanical Properties of Friction Stir Spot Welded 2024-T3 Aluminum Alloy Sheets
868	Memduh Kurtulmuş	Effects of Welding Parameters in A-TIG Welding of Mild Steels
880	Alper Kiraz, Murat Cihan Çalışkan, Onur Canpolat and Enes Furkan Erkan	Modelling Stress Concentration Factor with Using Artificial Neural Networks
901	Nermin Demirkol	Technological and Physical Properties of Dry Pressed Red Mud Bodies Containing Chamotte
919	Hamdi Mostapha and Benhorma Hadj Aïssa	RESIDUAL STRESSES MEASUREMENT IN A WELD SEAM OF A STEEL X70 BY XRD $\sin^2\psi$
921	Memduh Kurtulmuş and Alper Kiraz	Artificial Neural Network Modelling for Prediction of SNR Effected by Probe Properties on Ultrasonic Inspection of Austenitic Stainless Steel Weldments
923	Mohammed Salih Ahmed Ahmed, Riaid Alsaeedi and G.Bahar Basim	Investigation of Erosion Corrosion in Two-phase Flow of Restrictors via CFD Simulation and Experimental Evaluation
939	Fuat Şimşir, Ozer Uygun and Hande Vursan	Estimation Of Strength Properties In Concrete Steel Bars Using Artificial Neural Networks
951	Alimurtaza Rutci and Soner Karamert	Design of Control Arm Based on Finite Element Analysis and Topology Optimization
952	Alimurtaza Rutci and Serhat Acil	Improvement Study of Spinning Ring for Suspension Systems Ball Joints
963	Abdelouahab Bouttout, Alaoua Bouaicha and Mohamed Amara	Experimental study of the impact noise through concrete floor with resilient layers
969	Boutassouna Belkacem, Allaoui Omar and Hamdi Moustapha	nitriding BY ORGANIC WASTE
981	Murat Çelik, Cihan Çiftçi, Volkan Eskizeybek and Hatice S Sas	Numerical Characterization of Permeability Tensor of Fiber Preforms for Liquid Composite Molding Applications
1001	Kamal Chanane and Omar Bouras	Adsorption and co-adsorption of Copper and Pentachlorophenol onto Al-Pillared Montmorillonite

### Theme -7: Biological and Medical Science and Applicatons

Abstract #	Authors	Title
95	Katerina Horackova, Jana Wichsova and Zdeněk Hrstka	Pediatrics in the Terezin concentration camp
98	Jana Wichsova and Katerina Horackova	Hygiene and epidemiology nursing - Student's Grant Competition
104	Turker Tekin Erguzel, Cemal Onur Noyan, Gul Eryilmaz, Merve Cebi, Cumhur Tas, Nesrin Dilbaz and Nevzat Tarhan	Logistic Regression and Artificial Neural Network Approaches to Classify Opioid Dependent Patients and Control Group Using Quantitative EEG Power Measure
105	Billur Ecer and Ahmet Aktas	Clustering of European Countries in terms of Healthcare Indicators
133	Billur Ecer, Metin Dağdeviren, Mehmet Kabak and Ahmet Aktas	A Fuzzy Decision Making Model for Determining the Best Maternity Hospital
145	Aitkaki Samira, Kraim Khaiereddine, Neghra Abdelhak, Layachi Faical and Ferkous Foued	A search for new topoisomerase II alpha inhibitors by virtual screening, pyrazoline derivative
176	Duygu Altıparmak, Ibrahim Yigitoglu, Yasin Coban, Gulhan Guler Avcı and Adil Merih	Comparison of Three-Dimensional Conformal Radiotherapy and Intensity Modulated Radiotherapy Techniques in Terms of Target Volume and Critical organ Doses in Stomach Cancer
<a href="#">193</a>	<a href="#">Gulten Okmen and Mahabbat Mammadhkanli</a>	The Antibacterial Activities of Syzygium aromaticum Against Oral Bacteria and its Antioxidant and Antimutagenic Activities
202	Talia Serseg and Khedidja Benarous	Inhibitory effects of some drugs on Lipase for Obesity treatment
213	Arslan Say, Demet Çakır, Arif Ayar, Emine Sildir and Öner Nergiz	Drug Use Intensity and The Effects of Demographic Factors among Amasya University Students

230	Turker Tekin Erguzel and Huseyin Ozan Tekin	Principle Component Analysis for Dimensionality Reduction of Large Abdominal CT Scan Dataset
231	Arslan Say, Demet Çakır, Arif Ayar and Emine Sildir	Amasya University Health Services Vocational School Students' Opinions About Smart Phone Usage and The Relationship Between Internet Addiction
253	Armağan Günsel and Emre Güzel	Synthesis of Novel Type-Phthalocyanines for Photodynamic Therapy
265	Ökkeş Yılmaz, Alpaslan Dayangaç, S.Esma Tuğ, Belgin Erdem and Ersin Demir	The Determination of Pine Extract Efficacy on MDA, GSH, GSSG Values in Liver and Kidney Tissues of STZ-induced Diabetic Rats by Analysis of HPLC.
314	umit kara	Radiation Exposure and Patient Organ Dose Measurement with [18F]-FDG in PET/CT
316	Caner Kasimoglu, Handan Uysal and Arif Ayar	Inhibition via Rosa canina Extracts of Aging Damage Induced by the Profenofos in Drosophila Melanogaster Oregon R (Wild Type)
318	Arif Ayar, Arslan Say, Deniz Altun Çolak and Handan Uysal	Investigation of the Genotoxic Activity of Cyanobacterial Toxin Beta-N-Methyl-Amino-L-Alanine (BMAA) in Human Lymphocyte Cells by Micronucleus Assay
319	Dudu Duygu Kiliç, Arif Ayar, Ceren Yavuz and Tuba Yıldırım	Genotoxic and Antigenotoxic Effects of Some Plant Species of Lamiaceae Family Which Spread in Amasya
322	Dudu Duygu Kiliç, Ceren Yavuz, Arif Ayar and Tuba Yıldırım	Investigation of Genotoxic and Antigenotoxic Activities of Different Plant Extracts of Asteraceae Family
333	Umit Kara	Radiation Measurement with Monte Carlo(MC) Method Nuclear Medicine Staff and Environment Dose with from [18F]-FDG in PET/CT
348	Orhan Tosun, Ramazan Senol and Abdullah Burak Keskeki	Effects of LED Plant Growth Lamps on Aquariums
<a href="#">375</a>	<a href="#">Hüseyin Ozan Tekin, Tugba Manici, Elif Ebru Altunsoy, Turker Tekin Erguzel and Birnur Yılmaz</a>	SHIELDING PROPERTIES OF BORON CARBIDE IN RADIOLOGICAL ENERGY RANGE BY USING MONTE CARLO METHOD
613	İbrahim Örün, Şevket Kandemir, Hüseyin Polat, Mehmet İlker Doğru, Arzu Doğru, Belda Erkmén, Gülnihal Örün, Kenan Erdoğan, Nezahat Kandemir and Nuh Korkmaz	The Effect Of Different Doses and Periods Of Dicamba Exposure On Common Carp (Cyprinus carpio L. 1758) TSH and Thyroid Gland Activity
614	İbrahim Örün, Şevket Kandemir, Hüseyin Polat, Arzu Doğru, Mehmet İlker Doğru, Belda Erkmén, Savaş Yılmaz, Gülnihal Örün, Kenan Erdoğan, Nezahat Kandemir and Nuh Korkmaz	Therapeutic Effect of Grape (Vitis vinifera L.) Seed Extract on IL-1 $\beta$ , IL-6 and TNF- $\alpha$ Cadmium-Exposed Carp (Cyprinus carpio L. 1758)
615	İbrahim Örün and Nuh Korkmaz	The Effects Of Azadirachtin on Serum ACTH-Cortisol Levels Of Carp (Cyprinus carpio 1758 L.)
616	İbrahim Örün and Nuh Korkmaz	The Effects Of Pesticide Neemazal on IL-1 $\beta$ , IL-6 and TNF- $\alpha$ Of Carp (Cyprinus carpio L. 1758)
617	Seda Özyurt and Şevket Kandemir	The Effects Of Dimethoate (Insecticide) Exposure On The Growth Hormone (GH) and Insulin-Like Growth Factor (IGF) Of Carp Fish (Cyprinus carpio, 1758 L.)
619	Sevket Kandemir, İbrahim Örün, Hüseyin Polat, Mehmet İlker Doğru, Arzu Doğru, Belda Erkmén, Kenan Erdoğan, Nezahat Kandemir, Gülnihal Örün, Savaş Yılmaz and Nuh Korkmaz	The Therapeutic Effect Of Grape (Vitis vinifera L) Seed Extract On Serum ACTH And Cortisol Levels Of Cyprinus carpio L., 1758. Exposed To The Cadmium
633	Ahmed J.R. Almusawi, Lale Canan Dülger and Sadettin Kapucu	Simulations in Virtual Reality: Robotic Training and Surgical Applications
725	İsmail Serkan Üncü and Safinur Coşkunsu	Observing the Change and Development of the Facial Skin via Image Processing Techniques
745	Mehmet Erhan Şahin and Mehmet Recep Bozkurt	Comparison Retinal Nerve Fiber Layer Detection at Optical Coherence Tomography Image for the Diagnosis of Glaucoma
794	Şükriye Karadayı, Duygu Tunçman Genç, Aycan BaŞ and Beytullah Karadayı	The Use of Radiological Imaging Techniques in Estimation of Age at Forensic Sciences
883	Hüseyin Eski, Cemil Öz and Ümit Kocabiçak	An Online Physical Therapy Monitoring with Human Motion Sensor
897	Rabia Top, Seyfettin Sinan Gültekin and Dilek Uzer	A Elliptical Microstrip Antenna Design To Detect Electromagnetic Data of Cardiac Occlusion
911	Zafer Cömert and Adnan Fatih Kocamaz	Evaluation of Feature Selection Algorithms on Cardiocography Data
912	Zafer Cömert and Adnan Fatih Kocamaz	CTG-OAS: Open Access Software for Analysis of Fetal Heart Rate Signals
926	Belgin Erdem, Alpaslan Dayangaç and Esin Kiray	Biosynthesis of silver nanoparticles from Aeromonas sobria and antibacterial activity against fish

		pathogens
945	Melih Yildirim and Muhammed Fatih Kuluöztürk	Determination of Electromagnetic Pollution Density for Various Time Slices During the Day at GSM 900 and GSM 1800 MHz Frequency Bands in Bitlis Eren University, Rahva Campus
954	Otmani-Boucherit Zahia, Benhabib-Bekkal Briki Ouassila, Boucherit Kebir and Touil Hidaya Fatima Zohra	Mono and multi-species fungal biofilms: formation and detection by scanning electron microscopy
961	Rabia Top	An Elliptical Microstrip Antenna Structure for Determining The Level of Cardiac Occlusion
970	Hafida Hassaine, Meriem Lachachi, Wafae Didi, Sara Gaouar, Ibtissem Kara-Terki and Imene M'Hamedi	Infectious risks associated with dental unit waterlines - Study in vitro-University Hospital Center Tlemcen Algeria
971	Majda Dali-Sahi, Djamel Benmansour, Takwa Salmi, Youcef Kachkouch and Nouria Dennouni-Medjati	New molecular tumor markers, Hormonal, and anthropometric risk factors in breast cancer in Algerian population
989	Indrani Kalkan and Menekşe Kiliçarslan	Brown Adipose Tissue And Metabolic Winter Hypothesis: A Key To Solving Obesity?
1013	Vahdet Özkoçak and Fikri Özdemir	AGE RELATED CHANGES IN THE ANATOLIAN MEN OF THE EXTERNAL NOSE

### Theme-8: Education Technologies and Applications

Abstract #	Authora	Title
132	Billur Ecer, Ahmet Aktas, Metin Dagdeviren and Mehmet Kabak	Exam Scheduling via Linear Programming: A Case Study
191	Muammer Albayrak and Ahmet Albayrak	Restructuring of Information Technology Course with Agile Approach for Engineering Departments
332	Nilufer Demirci Saygi, Filiz Ertuğral and Nurgul Uludag	Determination of Awareness of Radiation and Radiation Safety of Sakarya University Students and Staff
566	Hafiz Gulfam Ahmad Umar and Zeeshan Ahmad	INTERACTION DESIGN COMPENSATE COGNITIVE OVERLOAD AND INCOMPREHENSIBLE DESCRIPTIONS FOR VISUAL IMPAIRED USER.
576	Abdurrahman Geymen	Animation-Based Learning Analyses Used in Geographical Information System
785	Muhammed Sefa GÖr and Burak Erkayman	An Ant Colony Optimization Model for Large-Scaled Exam Organization
877	Alper Kiraz, Hüseyin Eski, Özgür Çiftçi and Fatih Albayrak	An Accreditation Model Proposal for Virtual Laboratories and Role in Education
941	Okan Bingöl, Ecir Uğur Küçükşille and İbrahim Kuru	Platform Independent Turkish Programming Language: Chameleon
1004	Merve Şen Kurt, Mehmet Ekici and Ünal Kurt	LabVIEW Based PV Module Training Set Design

### Theme-9: Agricultural Science and Technology

Abstract #	Authors	Title
248	Ahmet Atasoy and Ertuğrul Can	New Generation Environmentally Friendly Non Stick Coating for Food Contact Surfaces of Aluminium Based Cookware
415	Cevdet Demirtaş and Merdin Danışmaz	Examination of the Effect of Drying Rate and Ambient Conditions on the Temperature of Hazelnut
536	Aslı Kara and Şerife Evrim Arici	Determination of gamma rays Efficiency against Rhizoctonia Solani in Potato
915	Taha Rababah and Mustafa Al-Obaidy	The effect of different flour extraction rates on baking and sensory evaluation of pita bread

## Theme -10: Forestry and Environmental Science and Engineering

Abstract #	Authora	Title
83	Şeydanur Şebcioğlu and Aytaç Güven	Impact of climate change on financial analysis of a small hydropower project
139	Hayet Belmeskin	Earthworm biomarkers applied in ecotoxicological study of soils from the vicinity of an hazardous waste incinerator
358	Duygu Gökdağ and Alev Akpınar Borazan	Pine Cone and Boron Compounds Effect as Reinforcement on Mechanical and Flammability Properties of Polyester Composites
384	Merdin Danışmaz, Cevdet Demirtaş and Celal Duran	Pilot Scale Box Filter Design for Gas Cleaning and Cooling Applications
506	Ayfer Ergin and M. Fatih Ergin	Reduction of Ship Based Emissions from Container Transportation
526	Emin Salur, Abdullah Aslan, Ali Ünüvar, Aydın Güneş and Ömer Sinan Şahin	Experimental Study of Surface Roughness and Cutting Force in Drilling Metal Matrix Composites (CuSn10/GGG-40)
530	Michal Šejnoha, Jan Vorel, Eliška Šmídová, Pavel Padevět, Vladimír Hrbek, Jakub Anotoš and Petr Kabele	Effective properties of wood from mixed experimental and numerical methods
599	Abdurrahman Geymen	Determination Potential Irrigable Agricultural Lands Using Remote Sensing and Geographical Information System: Case study of Yamula Basin
684	Zeynep Özsüt and Aşkın Güngör	A Neural Network Approach For Estimating E-waste Potential
750	Hüseyin Dal, Alaattin Osman Emiroglu, Habibullah Bilge and Mehmet Şen	The Effects of Diesel-Chicken-Turkey Biodiesel Blends on Diesel Engine Noise Emissions
854	Alper Kiraz, Onur Canpolat, Enes Furkan Erkan and Çiğdem Özer	Determining of Adsorption Rate of Lead-Pb(II) Ion Using with Artificial Neural Networks

## POSTER PRESENTATIONS IN ICCESEN-2017

### Theme -1: Physical Science and Technology

Abstract #	Authors	Title
28	Zaibak Kenza and Biskri Samira	Structure Identification of the Turbulent Flow using the Continuous Wavelet Transform
36	Embarka Boutalbi, Leila Ait-Gougam, Fawzia Mekideche-Chafa and Mouloud Tribeche	On the propagation of a KdV soliton in a quark gluon plasma (QGP)
65	Djamila Benlemdjaldi, Abdelatif Tahraoui, Samir Chekour and Naima Fouial	Theoretical study of a cylindrical sheath in multi-component plasma
74	Mehmet Bati and Mehmet Ertaş	Dynamic Hysteresis properties of mixed spin (1, 5/2) Ising ferrimagnetic Blume-Capel model: An Effective-Field Theory Analysis
75	Mehmet Bati	Electronic energy state and transmission properties study of triple barrier parabolic double quantum well using Non-Equilibrium Green function method
78	Boudhar Karima and Mahdi Debieche	Vibrational Raman spectra of N-phenyl-3-para nitro phenyl isoxazolidine-4-carbonitrile compound and DFT calculations
149	Hmida Latelli	The effect of arsenic in refining synthetic glasses at high temperature

<a href="#">208</a>	<a href="#">Ertuğrul Demir, Beril Tugrul and Bulent Buyuk</a>	Determination of Gamma Ray Attenuation of WC-6 wt %Co Materials Against Co-60 Gamma Radioisotope Source
219	Hüseyin Ali Yalim, Ayla Gümüş, Ahmet Yıldız, Merve ÖzÇelİK and Rıdvan Ünal	Determination of Indoor Radon Concentration and Effective Dose Rate at Workplaces of Afyonkarahisar Province
<a href="#">229</a>	<a href="#">Arber Zeqiraj, Fisnik Aliaj and Naim Syla</a>	Densities, refractive indices, and derived properties of binary mixtures of ethanol with benzene and pyridine at 298.15 K and atmospheric pressure
261	Yalçın Kalkan	Why the Langevin theory fails for some gas ions in gas based detectors
<a href="#">360</a>	<a href="#">Abdelatif Tahraoui, Bouzid Zaham, Djamila Benlemdjaldi, Samir Chekour and Naima Fouial</a>	Theoretical study of some Physical Properties of Plasma-Solid Wall Interaction
387	Nurçın Kayar, Zehra Nur Özer and Hüseyin Ali Yalım	Angular Distributions of Electrons from Autoionization States of Helium
447	Mohamed Maoudj, Djoudi Bouhafs and Nacer Eddine Bourouba	Investigation of surface passivation by double layer SiNx/SiO2 of CZ silicon wafer
453	Samir Chadli, Nazim Oudhahi, Nouredine Ababou and Amina Ababou	Damping characteristics of five samples of boxing headguards
471	Bouchra Imene Chibane, Fatima Benrachi and Mohamed Salah Bali	Adaptative Approach In VMAT Radiotherapy In Head And Neck Cancers
480	Fatima Benrachi, Nadjet Laouet and Meriem Khiter	Gamow-Teller decay of Indium Isotopes
686	Nadjet Laouet, Fatima Benrachi and Meriem Khiter	B+ Decay Properties of 102In Isotope
635	Fatima Benrachi, Ghania Bouhila and Asma Saadi	Assessments of natural radionuclides and radiological hazard indices in Rhumel River sediments, Algeria
687	Nour El Houda Benmansour, Mohammed Sahlaoui and Mammam Bouamoud	Influence of the exact target continuum state in Balmer -emission cross section for proton hydrogen collision
720	Moufida Benzekka, Rabia Amour and Mouloud Tribeche	Effect of polarization force on dust acoustic dressed solitons
795	Serpil Eryılmaz and Melek Gül	The Investigation of Global and Reactivity Descriptors of Some Perillaldehyde Derivatives in Different Solvents by DFT Method
796	Serpil Eryılmaz, Melek Gül and Ersin İnkaya	The Spectral and Theoretical Characterization of (Z)-2-((4-(prop-1-en-2-yl)cyclohex-1-en-1-yl)methylene)hydrazinecarboxamide
799	Nouredine Moussaoui	Sodium Laser Guide Stars (LGSs) modeling
800	Nouredine Moussaoui	The earth's magnetic field effect on the sodium Laser Guide Stars
820	Aysun Böke and Duygu Gencer	The photon interaction data of blood for medical imaging
825	Aysun Böke	The theoretical Coherent (Rayleigh) scattering cross section data for plastics
831	Nurdan Karpuz Demir and Ahmed Rufai Usman	Theoretical Investigation of Alpha Particles Induced Cross Sections on Isotopes of Titanium
834	Nurdan Karpuz Demir, Betül Çetin and İskender Akkurt	Alpha Particle Induced Reactions on Natural Cadmium for Production of Indium Isotopes
856	Susan Shukur Noori, İskender Akkurt and Nurdan Karpuz DemİR	Excitation Functions of proton induced reactions of some radioisotopes using in medicine
<a href="#">870</a>	<a href="#">Değer Sofuoğlu</a>	Bianchi Type I Solutions in Weyl Modified Theory of Gravitation
894	Osman Günay	Natural Radioactivity Analysis of Soil Samples from Ganos Fault
929	Yusuf Ceylan	Theoretical Diagnostics of First and Second Hyperpolarizabilities of Several Acid Derivatives
<a href="#">950</a>	<a href="#">Nilgün Demir, Zehra Nur Kuluöztürk and İskender Akkurt</a>	FLUKA Monte Carlo Code simulations for angular distribution of bremsstrahlung photons generated from thin targets with different Z numbers
991	Cheongyeol Gwak, Bosung Shin and Yongwon Ma	A Study on Fluid Analysis of Self-focusing Water-jet Nozzle with Inner Groove
1012	Zehra Nur Kuluöztürk	Determination of the mass attenuation coefficients for concrete containing barite at different rates using FLUKA Monte Carlo Code

## Theme -2:Mathematical Science and Applications

Abstract #	Authors	Title
29	Adel Belayadi, Ahmed Mougari and Fawzia Mekideche Chafa	Improving the recognition rate of geometric objects: using the connectionist model of wavelet neural network
568	Rukuan Chai, Yuetian Liu and Jing Xin	Application of BP neural network optimized by ABC in prediction of permeability
572	Alua Turginbayeva and Nurlan Tashatov	PROBABILISTIC METHOD OF PROOF FOR INFINITY OF PRIME TWIN-NUMBERS
724	Abide Tuna Aksoy and A. Ceylan Çöken	Serret-Frenet Formulae For Null Quaternionic Curves in Semi Euclidean 4-Space $R_2^4$
755	Aydın Seçer, Fatih Taşçı, Arzu Turan Dincel and Ramazan Tekercioğlu	Legendre-Wavelet Galerkin Method for the Solution of Fractional Order Differential Equations System
918	Assia Messaoudi, Chouireb Fatima and Hamdi Mostapha	The improvement of the Arabic speech synthesis by HMM: Application to the embedded systems and the systems of assistance to the communication
<a href="#">990</a>	<a href="#">Vilda Puruçuoğlu</a>	Detection of the Best Model Selection Criterion in Gaussian Graphical Model

## Theme -3: Energy and Applications

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68	Xiao Guo, Zhiming Wang, Zhenyu Zhao and Xiaolin Xin	Experimental research of gas transport in multi-layered CBM reservoir and interlayer interference analysis
82	Ausrine Zabielaite, Loreta Tamasauskaite-Tamasiunaite, Aldona Balciunaite, Ina Stankeviciene and Eugenijus Norkus	Non-Noble Metal Catalysts for Borohydride and Hydrazine Oxidation
100	Smail Toufik and Belmili Hocine	New model of low-voltage power MOSFET for Improved DC-DC converter switching Performance
125	Mohamed Assaad Hamida	Real time implementation of sensorless Kalman like observer applied for IPMS machine
171	Nai Cao, Pingchuan Dong, Gang Lei, Xiaoxiao Liu and Juan Wang	Quantitative Analysis on Stress Sensitivity of Heterogeneous Tight Sandstone
183	Samir Rahal, Housseem Chebah, Abla Hamada and Ghazali Mebarki	Heat transfer enhancement in a cavity filled with a liquid metal using a finned wall.
266	Yan Zeng, Qing Wang and Zhengfu Ning	Production prediction by pore scale modeling: Consideration of adsorption and slippage effects on shale gas transport
268	Yan Zeng, Zhengfu Ning and Qing Wang	Study of Shale Gas Flow Characteristics in Rough Nanochannels through Lattice Boltzmann Method
311	Öykü Parlar Karakoç, Murat Efgan Kibar, Ayşe Nilgün Akın and Meltem Yildiz	INVESTIGATION OF CATALYST AND REACTION CONDITIONS FOR HYDROGEN PRODUCTION BY STEAM REFORMING OF GLYCEROL
323	Derya Unlu, Nezahat Boz, Oguzhan Ilgen and Nilüfer Hilmioğlu	Improvement of fuel properties of biodiesel with bioadditive ethyl levulinate
520	Ozgun Cevher, Samet Usta, Sefer Cem Okumus, Mehmet Oguz Guler and Hatem Akbulut	Electrochemical behaviors of $\text{Na}_{0.67}[\text{Mn}_{0.65}\text{Co}_{0.2}\text{Ni}_{0.15}]\text{O}_2$ as a cathode material for sodium-ion batteries
521	Ozgun Cevher, Samet Usta, Sefer Cem Okumus, Mehmet Oguz Guler and Hatem Akbulut	$\text{Na}_3\text{V}_2(\text{PO}_4)_3/\text{C}$ Composite Cathode with High Cycling Stability for Sodium-Ion Batteries
534	Sefer Cem Okumus, Ozgur Cevher, Samet Usta, Mehmet Oguz Guler and Hatem Akbulut	Electrochemical Performance of Sol-Gel Synthesized $\text{Na}_3\text{V}_2(\text{PO}_4)_3$ for Sodium-Ion Batteries
535	Sefer Cem Okumus, Ozgur Cevher, Samet Usta, Mehmet Oguz Guler and Hatem Akbulut	Performance of $\text{Na}_{0.67}\text{Mn}_{0.65}\text{Fe}_{0.2}\text{Ni}_{0.15}\text{O}_2$ as a superior cathode material for sodium-ion batteries
539	Ali Bouzidi, Mohamed Lokmane Bendaas, Said Barkat and Mansour	Park Approach Diagnosis of Three-Level NPC Inverter Based Grid-Connected Photovoltaic System

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641	Jing Xin, Chunlan Li and Rukuan Chai	Pressure Distribution of Oil-water Two-phase Flow Based on Oil-water Two-phase Threshold Pressure Gradient
644	Jinchuan Hu, Hanqiao Jiang, Junjian Li, Shiyuan Qu and Yuanhao Chang	Equi-fluidity and Parallel Multi-slug Displacement After Polymer Flooding using Polymer Surfactants
664	Başar Uyar, Nurdan Mismil, Togayhan Kutluk, Ebru Uyar and Nurcan Kapucu	Growth and lipid production of two microalgae strains in pilot scale (35 L) panel photobioreactors
665	Togayhan Kutluk, Necla Altin, BaŞar Uyar and Nurcan Kapucu	Investigation of different light source on growth and lipid production mechanism for various microalgae species
673	Huang Shijun and Huang Qian	A New Model for Aquathermolysis of heavy oil
747	Kaci Samira and Rahmoune Rabea	Comparative study of the optical benefits of silicon solar cells obtained by different wet chemical texturization
810	Abdelhak Ferhat Hamida and Ibtißam Tebbal	Determination of Photovoltaic cells parameters by Evolutionary Algorithms in noisy environment
1019	Abdulmageed Mohamed and Ali Kemal Yakut	ENERGY FROM DOMESTIC WASTES AND THE EXAMPLE OF THAT ISPARTA

### Theme -4: Earth Science and Applications

Abstract #	Authors	Title
309	Zeyang Peng, Xiangfang Li and Zheng Sun	Improvements of Liquid Loading Models
310	Zeyang Peng, Xiangfang Li	Improvements of the permeability experiment in coalbed methane
514	Sabiha Anas Boussaa, Abdelkrim Kheloufi and Naima Zaourar Boutarek	Trace element composition of Algerian quartz
515	Sabiha Anas Boussaa, Abdelkrim Kheloufi and Naima Zaourar Boutarek	Algerian silica sand characterization for sustainable application
594	Shaoqing Zhang, Hanqiao Jiang, Baoman Li and Lin Zhao	A novel physics-based non-Darcy flow model and Discrete-Fracture-Matrix-Model-based numerical model in tight reservoir
640	Tianyi Zhao, Xiangfang Li, Zhengfu Ning and Huawei Zhao	Pore structure and adsorption behavior of shale gas reservoir with influence of maturity: A case study of Lower Silurian Longmaxi formation in China
666	Hanxu Yang, Hanqiao Jiang and Hui Li	Solutions to Formation Pressure Recovery in Ultra-low Permeability Reservoirs
702	Ahmet Yildiz, Metin Bađci, Can Bařaran, Ayla Gümüř, Feyzullah Ekrem Çonkar, Yusuf Ulutürk and Hüseyin Ali Yalim	The Measurement of Soil Gases and Shallow Temperature for Determination of Active Faults in Geothermal Area: Case Study from Ömer-Gecek, Afyonkarahisar (West Anatolia)
1016	İskender Akkurt, Feride Kulalı and Kadir Günođlu	Measurements of natural gamma radiation and evaluation of radiological hazards in soil samples in Some Region of Denizli
1017	Kadir Günođlu and İskender Akkurt	Assessment of lifetime cancer risk due to natural radioactivity in the stones of in the Central Anatolia Region, Turkey
1018	Sibel Seđkiner, Kadir GÜNOĐLU and Iskender Akkurt	Determination of Natural radioactivity and radiological hazards in gravel of Konyaaltı Beach, Antalya-TURKEY

### Theme -5: Engineering Science and Applications

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17	Touati Chahira and Benaissa Moussa	A Clustering-Based Approach for The Ontology Alignment Problem
21	Şemsettin Kılınçarslan and Rüya Kaya	INVESTIGATION OF THE USE OF CHROMIUM WASTE AS AGGREGATE IN FOAM CONCRETE
35	Samir Ikni and Abdelyazid Achour	Control and cooperation of mobiles manipulators
38	Aydin Teymourifar and Gurkan Ozturk	A Constraint-based hybrid Neural Network for the Dynamic Multi-objective Flexible Job Shop Scheduling Problems
42	Anarbay Kudaykulov, Azat Tashev, Ainur Zhumadillayeva and Makpal Nogaibayeva	Investigation of the non-stationary thermomechanical state of a rod of limited length under the sudden impact of local heat sources
92	Billel Bengherbia, Mohamed Ould Zmirli, Abdelmoughni Toubal, Samir Chadli and Mohamed Maazouz	High-performance Wireless Sensor Node FPGA-based for Vibration Monitoring System
101	Mohamed Maazouz, Nouredine Batel, Nejmeddine Bahri, Nouri Masmoudi and Billel Bengherbia	Frame-Level Parallel Approach For Kvazaar HEVC Encoder
107	Amira Otmani and Mohamed Bouabaz	Future Models of Budgeting Sustainable Projects Based Neural Network
108	Abdelmoughni Toubal, Mohamed Ouldzmirl, Billel Bengherbia, Mohamed Maazouz and Sidahmed Lachenani	FPGA implementation of AES-128 encryption and decryption Ip core for wireless sensor networks.
115	Qasim Y. Mohammed, Sardasht R. Taher and Hardy Qadir Hamad	Determination of Vanadium in crude oil and some petroleum products spectrophotometrically
126	Hamdi Mostapha, Souici Mohamed and Aouissi Mokhtar	Numerical study of the compressible flow with complex wall temperature in convergent-divergent nozzle
147	Zine El Abidine Rahmouni, Nadia Tebbal, Messaouda Belouadah, Khadidja Djenai and Wafa Saci	Effect of High Temperature on Mechanical Properties Of High Performance Concrete
168	Mohamed Bouabaz and Mourad Mordjaoui	The Application of Soft Computing Methods in Construction Management Engineering Based Artificial Intelligence techniques
170	Merzouk Imad, Bendaas Mohamed Lokmane and Bdirina Khansa	Dynamic Performances Enhancement Of Permanent Magnet Synchronous Generator Using Model Predictive Control
207	Toumi Mohamed, Fadli Ouahiba and Bendaas Mohamed Lokmane	Comparative Study of H-bridge Cascaded Converters and NPC Topologies By using the PLL.
291	Wenkuan Zheng, Yuetian Liu, Jianshu Huang, Yisheng Liu and Jian Chen	Study on the Optimal Development Method for Offshore Buried Hill Fractured Reservoirs
304	Ashraf Azmi, Suhairi Abdul Sata and Norashid Aziz	Molecular Characteristics of Commercial Low Density Polyethylene and the Relation with Melt Flow Index
338	Elif Guney, Mürsel Alper and Murside Hacıismailoglu	Optical Design of Planar Curved Light Bar Prisms for Automotive Tail Lights
358	Alev Akpınar Borazan, Duygu Gökdağ, Ecem Muge Andoğlu and Caglayan Acikgoz	Glazing Recipe Selection with AHP for Ceramic Floor Tiles
403	Arzu Turan Dincel and Surkay Akbarov	Calculation and 3D ERR Analyses in the Band Crack Front Contained in a Rectangular Plate Made of Multilayered Material
440	Ramazan Tekercioğlu and Surkay D. Akbarov	Self-balanced stresses in the system consisting of a covering layer + spatially locally curved layer + half-space
497	Seyfettin Bayraktar, Ramazan Tekercioğlu and Arzu Turan Dincel	Flow Field Analysis of Grooved Surfaces
537	Durmuş Karayel, Sinan Serdar Ozkan, Gökhan Atali and Recep Kiliç	Neuro-Fuzzy System Approach for Prediction and Control of Surface Roughness in Turning Process
555	Dinie Muhammad, Zainal Ahmad and Norashid Aziz	Control of Low Density Polyethylene (LDPE) Tubular Reactor using Model Predictive Control (MPC)
559	Wenbo Su, Yuetian Liu, Yisheng Liu, Rukuan Chai and Yunpeng Wang	Investigation of wettability alteration by low salinity water in different components carbonate rocks
565	Wei Zhao, Huiqing Liu, Jing Wang, Chuan Lu and Ruihong Zhong	Experimental Investigation of CSS Assisted by Gas-viscosity Reducer Co-Injection with Different Types of Wells and Heavy Oil
575	Xiaolong Mao and Yuetian Liu	Experimental and Numerical Simulation on the Influence of Anisotropic Fracture Network Deformation to Shale Gas Percolation
580	Huri Aybuke Kandira, Kismet Bozkurt and Meltem Yildiz	PREPARATION AND CHARACTERIZATION OF THERMAL AND ACID ACTIVATED BENTONITE FOR

		REMOVAL OF NICKEL
586	Jie Bai, Huiqing Liu and Jing Wang	Dynamic and quantitative Sensitivity analysis on the efficient development of tight oil
589	Rukuan Chai, Yuetian Liu, Lu Sun and Jing Xin	Study on analytical models of coal seam permeability
618	Yuanhao Chang, Hanqiao Jiang, Junjian Li, Kang Ma, Lin Zhao, Wenbin Chen and Jinchuan Hu	A new method of water drive assisted gas huff and puff to enhance oil recovery in small fault-block reservoirs at high water cut stage
636	Huang Jianshu, Liu Yuetian, Zheng Wenkuan, Li Jun and Liu Yisheng	Study on Pressure Sensitive Percolation Characteristics of Fractured Extra - low Permeability Reservoirs
643	Zine El Abidine Rahmouni, Mansour Rokbi, Brahim Baali and Hanane Latelli	Study of the mechanical behavior of polymer concrete reinforced with vegetable fibers and mineral wastes
671	Lahmadi Ouarda	Shunt Active Filter based on a Full Neuromimetic Strategy for Harmonics Identification and Control of a Three-Phase Voltage Inverter to Compensate Current Harmonics
672	Nazhan Mohammed S Ali, Aytac GÜven and Anas Mahmood Al-Juboori	Statistical Downscaling Of Precipitation And Temperature Using Gene Expression Programming
706	Murat Ozsoy, Mehmet Serhan Kilic, Taha Arda Keser and Onur Varlica	Experimental Study of the Effect of Calcification on the Performance of Heat Exchangers in combi boilers
707	Murat Ozsoy and Neslihan Ozsoy	Structural Strength Analysis of a Passenger Coach Body with Finite Element Method
714	Murat Ozsoy, Neslihan Ozsoy and Mehmet Firat	Computer Aided Crashworthiness Analysis of a Railway Vehicle Bogie
719	Nurgul Uzakkyzy, Samat Boranbayev and Kazizat Iskakov	Filtration of radargram traces by Butterworth bandpass filters
721	Nurgul Uzakkyzy, Kazizat Iskakov and Samat Boranbayev	Wavelet analysis of the radargram trace
749	Hongliang Sun, Zhengfu Ning, Yan Zeng and Qing Wang	Investigation of adsorption in shale matrix and permeability of gas flow by microscale simulation
788	Aimad Ahriche	Accuracy Enhancement in Current Estimation based sliding mode flux observer for Induction Motor Drives
803	Magraoui Rabah and Ouali Mohammed	DYNAMIC BEHAVIOR OF AN INDUSTRIAL FUME EXTRACTION FAN SUGGESTED SOLUTIONS
806	Ouali Mohammed and Osmani Elhadi	Simulation of parts assembly by aluminium rivets By a robot manipulator with four revolute articulations The effector equipped with a pneumatic hammer
829	Chouder Dalila and Belgherbi Wafia	Synthesis electrochemicals of polyaniline and doping by the cations Ni <sup>2+</sup>
890	Baouche Fatima Zohra and Benmarouf Arbia Ali	Modeling of an asynchronous machine using MATLAB
962	Alaoua Bouaicha and Abdelouahab Bouttout	Estimation on the Seismic Bearing Capacity Factors of Shallow Strip Footings using Numerical Method
972	Aimad Ahriche	Real-time Simulation of Uninterruptible Power Supply System by using RT-LAB Package
973	Rima Derradji and Rachida Hamzi	towards an approach for integration of process-risk mapping
978	Xueli Guo, Jun Li and Gonghui Liu	Numerical Simulation of Casing Integrity by Stimulated Reservoir Volume for Shale Gas Wells
995	<a href="#">Recep Kiliç, İbrahim Çayiroğlu and Emre BÖlen</a>	INVESTIGATION OF THE DYNAMIC AND VIBRATION EFFECTS OF THE WHEEL-FLAT IN HIGH SPEED TRAINS USING FINITE ELEMENT METHOD
997	Abdülkadir Akyol, Seda Ulu, Oğuzhan Bilaç, Muhammet Kartal, Mehmet Uysal, Harun Gül and Ahmet Alp	Anodic Oxidation Process of Küre Copper Ore by Using Hydrometallurgical Methods
1003	Idriss Rouaz, Rafa Sidali, Alaoua Bouaicha and Farah Kahlouch	Study of Length Effect on Cold Formed Steel Shear Wall Panel
1014	Morteza Pourhashemi	A Review of the Different Types of Concrete Slabs in Construction Emphasizing the Problems and Defects Associated with them
1015	Khalida Boutemak, Nassima Benali and Nadji Moulai Mostefa	Extraction of Artemisia campestris essential oil using a combination of solvent extraction and steam distillation

## Theme -6:Material Science and Applications

Abstract #	Authors	Title
15	Adriana de Souza Medeiros Batista, Esther Lorrayne Machado Pereira, Fabíola A. S. Ribeiro, Adelina P. Santos, Arno H. Oliveira and Luiz Oliveira de Faria	SEM Evaluation of the PVDF/MWCNT – Metal Oxides Nanocomposites
16	Adriana de Souza Medeiros Batista, Liliane Silva, Jefferson P. Nascimento, Clascidia A. Furtado and Luiz Oliveira de Faria	Characterization of PVDF/GO and PVDF/RGO nanocomposites
34	Madani Ghelamallah, Soufi Kacimi and Pascal Granger	Effects of alkaline-earth metals on the surface, structure and reactivity of $\alpha$ -alumina.
56	Nekkaa Sorya, Bouhank Salim and Guessoum Melia	Thermal, Thermomechanical, and Morphological Properties of Spartium junceum Fiber Reinforced Polypropylene Composites
57	Melia Guessoum, Nora Toumi and Sorya Nekkaa	Effects of TPS and PP-g-MA concentrations on structural, mechanical and morphological characteristics of compatibilized polypropylene/plasticized starch (PP/TPS) blends
76	Khaoula Benzaoui, Madani Ghelamallah, Karima Boudouara and Mostapha Zerrouki	Total Phosphorus Adsorption from Industrial Liquid Waste onto Pillared Clay Following a Full Factorial Design.
77	Karima Boudouara, Madani Ghelamallah and Khaoula Benzaoui	Kinetic and Equilibrium Studies of Methyl Violet Adsorption from Aqueous Solutions by Activated Algerian Bentonite Clay.
93	Şemsettin Kılınçarslan, Metin Davraz and Mehmet Akça	Determination of Thermal Conductivity Parameters of Lightweight Concrete with Pumice
103	Madani Ghelamallah, Soufi Kacimi and Pascal Granger	Textural-structural properties and reactivity under inert and reducing conditions of La <sub>2</sub> O <sub>3</sub> -modified $\alpha$ -Al <sub>2</sub> O <sub>3</sub>
112	Taoualit Nadjet, Keddour-Cherif Fatiha, Abass Fatiha and Damel-Eddine Hadj-Boussaad	Extraction and Transport of Phenol using Supported Liquid-Membrane Containing Trioctyl Phosphine Oxide (TOPO) as the Carrier
121	Eugenijus Norkus, Loreta Tamasauskaite-Tamasiunaite, Zita Sukackiene, Kamile Kriukaite and Jurate Vaiciuniene	Hydrogen Generation from Sodium Borohydride Solution Catalyzed by Cobalt-Molybdenum-Boron
<a href="#">134</a>	<a href="#">Ina Stankeviciene, Aldona Balciunaite, Aldona Jagminiene, Loreta Tamasauskaite-Tamasiunaite and Eugenijus Norkus</a>	Investigation of PtM (M = Ni, Cu) Nanoparticles Modified Titanium as the Anode Catalysts for Direct Borohydride Fuel Cell
135	Teofilus Kilmonis, Loreta Tamašauskaitė-Tamašiūnaitė and Eugenijus Norkus	Synthesis of Graphene Based Platinum-Tungsten Nanoparticles for Methanol and Ethanol Oxidation
136	Loreta Tamasauskaite-Tamasiunaite, Antanas Nacys, Irena Stalnioniene, Jurate Vaiciuniene and Eugenijus Norkus	Graphene Based PtCoRu and PtCoMo Nanoparticles as Catalysts for Hydrogen Generation via Sodium Borohydride Hydrolysis
<a href="#">137</a>	<a href="#">Virginija Kepeniene, Raminta Stagniunaite, Vidas Pakstas, Algirdas Selskis, Loreta Tamašauskaitė-Tamašiūnaitė, Rimantas Vaitkus and Eugenijus Norkus</a>	Electrocatalytic Activity of Carbon Supported Au-Co <sub>3</sub> O <sub>4</sub> Catalysts
<a href="#">138</a>	<a href="#">Aldona Jagminiene, Ina Stankeviciene, Irena Stalnioniene, Loreta Tamasauskaite-Tamasiunaite, Algirdas Selskis and Eugenijus Norkus</a>	adaptive Control of the recycle compression systems
140	Boulesbaa Mohammed	Characterization of Annealed Silicon Oxynitride Films using Infrared and Ellipsometry Spectroscopies
169	Khaled Boudjellal, Mohamed Bouabaz and Mohamed Barbachi	Characterization and Formulation of a Concrete Palm Vegetable Fibers
172	Nai Cao, Pingchuan Dong, Zisen Wu, Yudan Li and Juan Wang	Micro-characteristic Study of Carbonate Reservoir Based on Multi-scale Pore Network Model with Fracture Embedded
181	Boubekka Ouahida, Ouili. Zieneddine and Alliouche Hayat	Synthesis and Characterization of the Material Hybrid PANI / Nb <sub>3</sub> SN
182	Amel Messai	SYNTHESIS, CRYSTAL STRUCTURES AND HYDROGEN BONDS STUDIES OF NEW ORGANOMETALLIC COMPLEXES
187	Eray Abakay, Şaduman Şen and Uğur Şen	Friction and Wear Properties of Nb-Al-C-N Coatings on AISI D2 Steel

199	Boukhoubza Abdelyamine, Brioua Mourad and Fedaoui Kamel	Influence Percentage Of Cobalt On Tungsten Carbide Obtained By Sintering
205	Yasmina Roumila, Radia Bagtache, Djaafar Meziani, Mohamed Trari and Kaïssa Abdmeziem	Photodegradation of dye pollutants over metal phosphate materials. A comparative study
215	Bedriye Üçpınar and Ayse Aytac	IMPROVEMENT OF THE ADHESION BETWEEN CARBON FIBER AND POLY (PHENYLENE SULFIDE) BY USING DIFFERENT COMPATIBILIZERS
234	Heraiz Menad, Raghdi Amina, Sahnoune Foudil and Ouali Ameer	Mechanism and kinetics study of the thermal decomposition and spinel (Si3Al4O12) crystallization of halloysite by differential thermal analysis (DTA)
256	Seda Hazer and Ayse Aytac	INVESTIGATION OF THE THERMAL, MECHANICAL AND FLAME RETARDANCY PROPERTIES OF GLASS FIBER REINFORCED PLA/PC COMPOSITES
289	Abdelmadjid Boussendel, Nadjib Baadji and Khaled Fakani	Strain effect on the magnetic anisotropy in iron cobalt thin films
324	Filiz Ugur Nigiz, Nazlı Yenihan and Nilufer Hilmioglu	Fabrication and characterization of a water selective membrane to enhance the conversion of esterification
326	Soualhi Amel and Brioua Morad	The choice of biomaterials for oral implantology and modeling of a numerical model.
340	Duygu Anakli, Sevil Çetinkaya and Meral Karakişla	Preparation of Poly(2-Ethoxy Aniline)/Talc Conductive Composite and Investigation of Its Properties
345	Amer Lydia, Ouhenia Salim and Belabbas Imad	Effect of aspartic acid on the precipitation of CaCO3
356	Nurşah Kütük and Sevil Çetinkaya	GREEN SYNTHESIS OF IRON OXIDE NANOPARTICLES USING BLACK TEA EXTRACT AND INVESTIGATION OF ITS PROPERTIES
357	Tuğba Tunç Parlak, Volkan Murat Yılmaz and Kenan Yıldız	Effects of Ball-to-Mass Ratio During Mechanical Activation on the Structure of Diasporic Bauxite
362	Bulent Aktas, Serife Yalcin, Mehmet Albaskara, Ali Arslan and Gokhan Ceyhan	Investigation of the structural properties of Urfa Stone-doped with Erbium oxide
364	Serife Yalcin, Bulent Aktas, Mehmet Albaskara, Ali Arslan and Gokhan Ceyhan	Investigation of the photoluminescence properties of Urfa stone powder-doped with Chromium oxide
370	Filiz Boran and Sevil Çetinkaya	The Effect Of Starting Material Types On The Structure Of Graphene Oxide With The Aim Of Developing Graphene Synthesis
371	Sevil Çetinkaya and Hasan Kurt	Effect of Concentration of Alkaline and Curing Temperature on Pumice Geopolymer Compressive Strength
381	Melih Kekik, Yüksel Özderin, Yusuf Sadi Aslanlar, Şafak Işık, Zafer Barlas, Uğur Öz Saraç and Salim Aslanlar	Effect of Resistance Spot Welding Parameters on Tensile-Peel Strengths of DP800HF/Martensitic Steels Joints
382	Melih Kekik, Fatih Özen, Yüksel Özderin, Yusuf Sadi Aslanlar, Zafer Barlas, Uğur Öz Saraç and Salim Aslanlar	Influence of Current and Welding Time on Tensile-Shear Strength of DP800HF/Martensitic Steels in Resistance Spot Welding
383	Ouladsaad Sofiane, Allaoui Omar and Daas Ahmed	Boro-Aluminizing of XC 38 Steel
385	Daas Ahmed, Allaoui Omar, Keddou Mourad and Oulad Saad Sofiane	Boriding of steels using slurry coating technique
391	Barkat Abderahmane, Hammou Abdelkader Djilali and Allaoui Omar	Effect of a pre-carburizing treatment on fatigue of borided C20 steel
392	Yüksel Özderin, Zafer Barlas, Ugur Ozsarac, Volkan Onar, Melih Kekik and Salim Aslanlar	INVESTIGATION EFFECT OF FRICTION STIR WELDING PARAMETERS ON MECHANICAL PROPERTIES OF ALUMINUM CASTING ALLOYS WITH DISSIMILAR JOINTS WITH %2-%4,5Cu CONTENT
401	Yüksel Özderin, Zafer Barlas, Uğur Öz Saraç, Volkan Onar, Melih Kekik and Salim Aslanlar	INVESTIGATION EFFECT OF FRICTION STIR WELDING PARAMETERS ON MECHANICAL PROPERTIES OF ALUMINUM CASTING ALLOYS WITH %2 CU CONTENT
409	Volkan Onar, Şafak Işık, Nuri Akkaş, Fatih Özen, Uğur Öz Saraç and Salim Aslanlar	INVESTIGATION OF MECHANICAL PROPERTIES OF CMT ALUMINIUM 6XXX JOINTS USING DIFFERENT WORKING ANGLES
434	Baris Oner and Ayse Aytac	STUDIES ON COMPATIBILIZATION OF POLYETHYLENE/ THERMOPLASTIC STARCH BLENDS BY USING DIFFERENT COMPATIBILIZER
458	Özge Erdem, Murat Abdioglu, Sait Baris Guner, Sukru Celik and Tayfur Kucukomeroglu	Effect of Pyrene Addition on the Bulk MgB2 Superconductors
459	Selva Çavuş and Gözde Gül	Synthesis and Characterization of Ionic Liquid Based on 2-Acrylamido-2-methyl-1-propane sulfonic acid and Its Copolymer Gels with Methacrylamide

468	Ramazan Demir and Ismet Kaya	Electrical characteristics of ZnO and CdS films covered with 8-hydroxyquinoline
476	Tahar Chenaf, Boubakeur Zegnini and Ali Benghia	Analysis of adsorption processes between SWCNT and typical gases of SF6 decomposition products
<a href="#">481</a>	<a href="#">Soumia Zouambia and Dalila Hammoutene</a>	Theoretical investigation on hafnium monocarbide, mononitride and monoboride with rock salt-type structure: a class of hard and refractory materials
491	Yıldız Yaralı Özbek and şükran Demirkıran Yaralı Özbek	The Corrosion Behaviour Of AISI 4140 Steel Modified By Pulse Plasma Treatment
492	Yıldız Yaralı Özbek	SURFACE PROPERTIES OF HIGH-CARBON STEEL AFTER PULSE PLASMA TECHNIQUE
496	Meral Karakişla, Ümit Dağ and Mehmet Saçak	Synthesis and Characterization of Conductive and Soluble Polyaniline by Sodium Hypochloride as Oxidant
501	Tuğba Erkoç, Lutfullah M. Sevgili and Selva Çavuş	Liquid–Liquid Extraction of Linalool from Methyl Eugenol with [1-Ethyl-3-methylimidazolium Hydrogensulfate [EMIM][HSO4] Ionic Liquid
503	Ahmed Lounis, Abdesselam Hocini, Riad Moukhtari and Ahmed Kahlouche	Design of Magneto Photonic Cristal Circulator
510	Muhammet Kartal and Ahmet Alp	Anodic Oxidative Leaching Of Chalcopyrite Concentrate In Sulfuric Acid Solution
511	Muhammet Kartal and Ahmet Alp	Determination Of The Thermal Properties Of Chalcopyrite Concentrate
558	Nedjma Khelifa	The performance of hybrid material (diatomite-based) in adsorption anionic dye.
564	Taoualit Nadjet, Bouzidi Bouchera, Chemat Zoubida and Hadj-Boussaad Djamel-Eddine	Reduction of Metallic Species of Silver by Lamellar Double Hydroxides Fe-Al-HDL
579	Derya Kırsever, Rüzgar Aksoy and Hüseyin Özkan Toplan	The Influence of Mechanical Activation on the Dielectric Properties and Microstructure of (Ba0.7Sr0.3)TiO3 Ceramics
582	Zoubida Chemat-Djenni, Souhila Mahmoudi and Mohamed Oubelaid	Synthesis and characterization of Mg-Cr layer double hydroxides and modified and its application on adsorption of phenol from aqueous solution
583	Zoubida Chemat-Djenni, Mounira Elhachmi, Mohamed Chems Eddine Ouadah and Mohamed El-Fatah Bellazougui	Elimination of nitrates by adsorption on encapsulated Co-Al-layered_double_hydroxides
596	Mostafa Belhocine, Hichem Amrani and Hammoudi Mazouz	COMPARATIVE BIOMECHANICAL STUDY CONTRIBUTION BETWEEN METAL AND STENT POLYMER
<a href="#">597</a>	<a href="#">Djaida Redaoui, Foudil Sahnoune and Heraiz Menad</a>	Effect of CaO Addition on the Phase Transformations and Sintering of the Cordierite Prepared from Algerian Kaolin and MgO Mixtures
605	Karima Chouchane, Djamilia Athmani, Razika Mehdaoui and Nadir Mesrati	Characterization and study of chemical deposits of Nickel-phosphorus on ordinary steel A33
608	El Amrani Abdelkader, Labdelli Boutallab, Boucheham Abdelghani and Nasraoui Chahinaz	Effect of temperature pre-deposition of n+ BSF on n-type silicon solar cells passivation
628	Meral Çoban, Leylanur Sinbil, Yasemin Yetim and Ayse Aytac	EVALUATION OF THE NON ISOTHERMAL CRYSTALLIZATION BEHAVIOR OF PLA/PC BLENDS
<a href="#">647</a>	<a href="#">Atilla Evcin and Betül Bohur</a>	Coating of different silica sources containing hydroxyapatite for Ti6Al4V metal substrate using HVOF technique
<a href="#">648</a>	<a href="#">Atilla Evcin, Nalan Çiçek Bezir, Iskender Akkurt, Kadir Günoğlu and Mehmet Ünal</a>	Radiation Shielding of Boron Waste Containing Barite
659	Nalan Çiçek Bezir, Evcin Atilla, Ramazan Diker, Burcu Özcan, Esengül Kır, Gökhan Akarca and Refik Kayalı	Investigation of Antibacterial Properties of Ag DopedTiO2 Nanofibers Prepared by Electrospinning Process
661	Nalan Çiçek Bezir, Atilla Evcin, Emine Şenol, Burcu Özcan, Gökhan Akarca, Esengül Kır and Refik Kayalı	Investigation of Antibacterial Properties of Ce DopedTiO2 Nanofibers Prepared by Electrospinning Process
705	Eray Abakay, Şaduman Şen and Uğur Şen	Dry Friction and Wear Characteristics of Some Reactive Elements - doped Niobium Carbide Coatings
730	Hakan Ceylan	Estimating the Compressive Strength of Volcanic Tuff Added Concrete Using Artificial Neural Network
732	Metin Davraz and Hakan Ceylan	Investigation of the Effect of Magnesium Compounds on Shrinkage of Cement
<a href="#">739</a>	<a href="#">Kaci Samira</a>	Study of the Effect of Luminescence Down-Shifting on Silicon Solar Cells With SiC based composite as Optical

		Windows Layer
769	Ahmed Lounis, Abdesselam Hocini and Ahmed Kahlouche	Design of Two-Dimensional Magneto Photonic Cristal Isolator
771	Fatiha Benghanem	Protection of XC48 steel corrosion with new Schiff base in 0.5 M H2SO4 solution
772	Fatiha Benghanem and Saida Keraghel	Investigation on the inhibition behavior of a 2,3-bis(3-hydroxy benzylidène-amine) pyridine for steel in solution simulating water of pores in absence and presence of chloride ions.
801	Yasmina Si Ahmed, Toufik Hadjersi, Sihem Bouanik, Amar Manseri and Hamid Menari	Effect of Tapering of n-type silicon-nanowire on penetration of pedot:pss for core-shell junction in hybrid solar cells
861	Deniz Demircioğlu Diren, Semra Boran and İbrahim Çil	INTEGRATION OF DATA MINING TECHNIQUES AND CONTROL CHARTS FOR MULTIVARIATE PROCESSES
<a href="#">898</a>	<a href="#">Malika Berouaken, Lamia Talbi, Rezak Alkama, Hamid Menari, Sabrina Sam, Abdelghani Boucheham, Amar Manseri and Nouredine Gabouze</a>	Elaboration and characterization of vanadium oxide coated QCM for CO2 gas detection
956	Hamdi Moustapha, Benhorma Hadj Aïssa and Mohamed Souici	Prediction of Residual Stresses by Artificial Neural Network in X70 Steel Weldments
975	Şemsettin Kılınçarslan, Ebru Başpınar Tuncay, Ebru Yılmaz İnce and Fuzuli Yağmurlu	Clustering Analysis of Normal Strength Concretes Produced with Different Aggregate Types
988	Assia Boukezzata, Aïssa Keffous, Brahim Mahmoudi, Lamia Talbi, Lakhder Guerbous, Youcef Belkacem and Hamid Menari	Structural and optical properties of porous thin hydrogenated amorphous silicon carbide films for optoelectronic applications
1002	Hatice Evlen, Aydın Çalışkan and Nermin Demirkol	PRODUCTION AND CHARACTERIZATION OF CERAMIC MATERIALS IN THREE DIMENSIONAL PRINTER

## Theme -7: Biological and Medical Science and Applicatons

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143	Aitkaki Samira, Kraim Khaireddine, Neghra Abdelhak and Ferkous Foued	VIRTUAL SCREENING IN DISCOVERING NEW LEADS, INHIBITORS OF TOPOISOMERASE II ALPHA, PURINE DERIVATIVE
<a href="#">194</a>	<a href="#">Gulten Okmen and Ali Arslan</a>	The Effects of Environmental Conditions on Growths of Halophilic Archaea Isolated from Lake Tuz
226	Nuraniye Eruygur, Nazire Gulsah Kutuk Dincel and Nursah Kutuk	Modeling of Total Phenolic contents in Various Tea samples by Experimental Design Methods
249	Meryem Nilüfer Yaraşır, Armağan GÜnsel and Ahmet Turgut BİLGİÇLİ	Synthesis, Characterization of Alkyl Chain $\beta$ -Substitue Mono Phthalocyanines ; Fluorescence and Antioxidant Properties
250	Meryem Nilüfer Yaraşır, Armağan GÜnsel, Erkan KirbaÇ and Ahmet Turgut BİLGİÇLİ	Soluble Tetra Substituted Phthalocyanines As Photosensitisers; Synthesis, Characterization, Photophysical And Physicochemical Properties
251	Ahmet Turgut BİLGİÇLİ, Armağan Günsel and Meryem Nilüfer Yaraşır	The Synthesis of Novel Type Tetra Substituted Phthalocyanine and Their Promising Antioxidant Properties
270	Neslihan Balpınar, Gülten Ökmen and Ali Arslan	An In Vitro Study on Antimicrobial Activity of Arabis alpina L. subsp. brevifolia (DC.) Cullen Against Food Pathogens and Its Antioxidant Activity
335	Nuraniye Eruygur, Burak DİNÇel, Nazire Gülşah KÜTÜK and Esra UÇar	Comparative Study Of In Vitro Antioxidant, Acetylcholinesterase And Butyrylcholinesterase Activity Of Medicago Sativa Collected During Different Growth Stages
543	Vildan Enisoğlu Atalay, İbrahim Barış Ölüç and Mesut Karahan	Modeling of BSA-Metal Ion-Acrylic Acid Complex by Theoretical Methods: Semi-Emperical PM6 and Docking Study
588	Umit Kara, Derya Yıldırım, Kemal Çavdarlı and Onur Karaman	Measurement of Radiation dose and protection from cone-beam computed tomography in Oral Diagnosis Radiology
590	Kemal Çavdarlı, Umit Kara, Derya Yıldırım and Onur Karaman	Measurement of Radiation Dose and Different Cone Beam Computed Tomography (CBCT) Protocols in Dental Tissues in Dental Clinics

601	Fatima Zohra Chemingui and Fatima Benrachi	Monte Carlo simulation (Geant4) of hadrontherapy beam line
612	Elif Fatma Yilmaz, Pelin Pelit Arayıcı, Tayfun Acar, Kadriye Kızılbey, Mesut Karahan and Zeynep Mustafaeva	Synthesis and Characterization of Antigenic Peptide Epitope and Encapsulation into BSA Nanoparticles to Develop A New Generation Vaccine Models Against Sheeppox Disease
658	Leila Madani, Amina Bensouna and Sarah Boubaa	Extraction Kinetic of the leaf essential oil and in vitro antibacterial activity of Pelargonium graveolens.
670	Gözde Topgül, Ebru Cantürk, Orhan Gurler, Sema TunÇ, Candan Demiröz Abakay, Sibel Kahraman Çetintaş and Meral Kurt	An investigation of Homogeneity Index of Patients Treated with Volumetric Modulated Arc Radiotherapy (VMAT) for Endometrium, Larynx and Nasopharynx Tumors
722	Onur Karaman and A. Güneş Tanir	Detection of Neutron Contamination and Modeling from an 18 MV Medical LINAC
776	Eyüp Can Biçer, Atilla Evcin and Gür Emre Güraksın	Characterization of Hydroxyapatite Coating on Ti6Al4V by Sol-gel Method
793	Duygu Tunçman Genç and Aycan Baş	Radiation Dose and Hearing Loss: Hearing Loss Risks due to Radiation Dose in Radiotherapy Treatment
886	Hatice Gumushan Aktas	Antiproliferative activity of olive leaf on prostate cancer cells
930	Hafida Hassaine, Sarra Gaouar, Samia Bellifa and Wafae Didi	Inhibition of bacterial biofilm about catheter urinary
942	Dendani Nadjette	Use Case Base Reasoning(CBR) and Domain ontology to diagnose diabetes disease
944	Souad Guessoum, Nadjette Dendani, Djellali Hayet and Nabihia Azizi	OntoLung : a decision support system for the diagnosis of the Lung Cancer
953	Otmani-Boucherit Zahia, Touil Hidayat Fatima Zohra, Boucherit Kebir and Benmansour Feriel	In vitro activity of antifungal combination against planktonic cells of Candida albicans isolated from catheters at the University Hospital Center of Tlemcen UHC of Tlemcen (Algeria)
983	Nouria Dennouni, Majda Dali Sahi and Yahia Harek	Selenium Levels in Elderly Algerians
985	Majda Dali-Sahi and Nouria Dennouni-Medjati	Epidemiology of arterial hypertension during diabetes and ionic balance during treatment with thiazides
1000	Hassiba Benguergoura	Synthesis and Characterization of Crosslinked PVA Hydrogels: effect of chitosan and $\beta$ -cyclodextrin in drug release efficiency

### Theme-8: Education Technologies and Applications

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7	Zeynep Garip and Ali Fuat Boz	FIR Filter Design Using Genetic Algorithm Implemented MATLAB and Asp.Net Based Web Educational Interface
11	Naim Sylva, Fisnik Aliaj, Gëzim Hodolli and Arbër Zeqiraj	What is SEA
955	Abdelhakim Idir, Ahriche Aimad, Madjid Kidouche and Khatir Khettab	RT-LAB BASED ON REAL TIME SIMULATION OF SENSORLESS CONTROL OF PERMANENT MAGNET SYNCHRONOUS MOTOR

### Theme-9: Agricultural Science and Technology

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363	Benzohra Mohamed, Benachabane Messaoud and Ammad Faiza	Epidemiological study of wood disease and decline of the citrus in ALGERIA

### Theme -10: Forestry and Environmental Science and Engineering

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271	Neslihan Balpınar, Münevver Arslan, Nejat Çelik and M. Ümit Bingöl	The Relationship Between Some Endemic Taxons and The Site Factors in Alpu Environment (Eskişehir)
329	Esra Uçar, Nazire Gülşah Kütük, Burak Dinçel, Arif Özyazıcı, Filiz Öktüren Asri and Nuraniye Eruygur	DETERMINATION OF HEAVY METAL LEVELS OF SUGAR BEET PLANT and SOİL COLLECTED FROM DIFFERENT REGIONS
<a href="#">484</a>	<a href="#">Berna Ataksor and Beril Tugrul</a>	Gross Alpha And Gross Beta Radioactivity Determination For Golden Horn and Comparable Evaluation With Receptor Model
531	Yamina Zouambia	Removal of copper (II) from aqueous solution using new forms of pectin-based biosorbents
<a href="#">563</a>	<a href="#">Labioud Kotbia</a>	Removal of a medical residue by adsorption on Diatomite