THE RELATIONSHIP BETWEEN SEA SURFACE TEMPERATURES AND RAINFALL OVER TURKEY

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Abstract

Weather and climate strongly influence coastal water quality. Turkey's 2016-2017 average monthly temperature, rainfall, and sea temperature were investigated in this study.

The lowest average temperature was in January 2017 and the highest average temperature was in July and August 2017.

Rainfall between October 1, 2016 and September 30, 2017 in Turkey was below previous year (October 1, 2015 and September 30, 2016) and norm (October 1, 1981 and September 30, 2010).

Average annual precipitation in Water Year 2016-2017 and 2015-2016 in Marmara region were respectively 627 mm, and 620 mm. They were below norm (1 October 1981- 30 September 2010). Average annual precipitation in Water Year 2016-2017 was decreased compared to norm, while it was increased compared to previous Water Year 2015-2016.

While the highest precipitations were in both winter 2015 and 2016, the lowest precipitations were in both summer 2015 and 2016 in Turkey. 247mm rainfall in winter 2015 was below 208 mm for normal (1981-2010) and 184 mm in winter 2016.

Most monthly rainfall between 2015 and 2016 was in January 2016. Rainfall in January 2016 was increased compared to norm rainfall (1981-2010).

Pearson correlation constant (0.93) showed that rainfall was increased with increase of precipitation days in Turkey between 2015 and 2016.

The highest sea temperature is in the Mediterranean region. The second highest temperature is in the Aegean region. Temperatures in the Black sea region and in the Marmara region were very close to each other. While the highest sea average temperature (1970-2016) was in august, the lowest sea average temperature (1970-2016) was in february for whole regions. Average sea temperature was highly negative correlated with rainfall in Aegean, Marmara, and Mediterranean region. Therefore, precipitation decreases temperature.

Key Words: *Coast, Air quality, sea temperature, rainfall*

ACKNOWLEDGMENTS

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ABSTRACTS BOOK



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I am honoured to invite and send you this call for papers on behalf of Conference Organisation Board of "***4th International Conference on New Trends in Chemistry***", to be held at St. Petersburg dates between 11 – 13th of May 2018.

A limited number of Papers and Posters with the below mentioned topics will be accepted for our conference:

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SCIENTIFIC PROGRAM

10 MAY 2018 THURSDAY

18:00 – 21:00 : REGISTRATION

11 MAY 2018 FRIDAY

08:00 - 17:00 : REGISTRATION

MAIN HALL

09:00 – 09:30 : GRAND OPENING CEREMONY

09:30 – 09:40	B R E AK

HALL 1

09:40 – 09:50

Welcome Speech *by Conference Chair*

Assoc. Prof. Dr. Dolunay SAKAR DASDAN / Yıldız Technical University , Turkey

HALL 1 / KEYNOTE SPEAKER

09:50 - 10:40	DR.AGATA BARTYZEL, Department of General and Coordination Chemistry, Faculty of Chemistry, Maria Curie-Sklodowska University, Poland Lecture Title: "Multifunctional N,O-donor ligands and their complexation abilities toward d-block metal ions"

10:40 – 11:00	C O F F E E / T E A B R E AK

HALL 1 / SESSION A

SESSION CHAIR	Dr.Agata BARTYZEL Maria Curie-Sklodowska University, Poland	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
11:00 – 11:20	EFFECT OF CHEMICAL TREATMENT ON THE PROPERTIES OF CHITOSAN MULTIWALL CARBON NANOTUBES NANOCOMPOSITE.	A. GOMEZ SANCHEZ, Evgen PROKHOROV, G. LUNA BARCENAS, E. M. RIVERA MIÑOZ; M. GRAZIA RAUCCI, G. BUONOCORE. *Cinvestav, Unidad Querétaro, Querétaro, MÉXICO.*
11:20 – 11:40	INVESTIGATION OF *IN-VITRO* SALT STRESS ON PEROXIDASE ENZYME OF *AMSONIA ORIENTALIS* AND PURIFICATION OF PEROXIDASE FROM NON-STRESSED AND SALT-STRESSED PLANTS	Yonca Avcı DUMAN, Arda ACEMİ, Yonca YUZUGULLU, Mustafa YILMAZ Fazıl ÖZEN *Kocaeli University, Kocaeli, Turkey*

11:40 – 12:00	BIOSORPTION OF REACTIVE DYES BY KEFIR GRAINS	Ali Osman ERDOĞDULAR, Dilek KILIÇ APAR *Yıldız Technical University, Istanbul, Turkey*
12:00 – 12:20	ALGINATE AND CHITOSAN HYDROGELS AND THEIR COMPOSITES IN DRUG DELIVERY, WASTE WATER TREATMENT, FOOD COATING AGENTS AND WOUND DRESSINGS	F.Bedia ERİM *Istanbul Technical University, Istanbul, Turkey*
12:20 – 12:40	HOT-AIR DRYING OF KUMQUAT SLICES IN CONVECTIVE CABINET DRYER	İlknur KÜÇÜK, İbrahim DOYMAZ *Yıldız Technical University, Istanbul, Turkey*
12:40 – 13:00	SYNTHESIS AND FLUORESCENCE PROPERTIES OF SCHIFF-BASE FLUORINE-BORON COMPLEXES	Pınar ŞEN *Uskudar University, Istanbul, Turkey*

13:00 – 14:00	LUNCH

HALL 1 / SESSION B

SESSION CHAIR	PROF.DR. F.BEDIA ERIM Istanbul Technical University,Turkey	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
14:00 – 14:20	CONTROLLED RELEASE OF DONEPEZIL HYDROCHLORIDE FROM PEG-DA HYDROGELS UNDER UV IRRADITION	Şebnem ŞENOL, Emel AKYOL *Yıldız Technical University, Istanbul, Turkey*
14:20 – 14:40	AXIALLY CHIRAL QUINAZOLINE-4-ONES	Şule Erol GÜNAL, Ari HAKGÖR, Ilknur DOĞAN *Bogazici University, Istanbul, Turkey*
14:40 – 15:00	APPLICATIONS OF CORE-SHELL COMPOSITE HYDROGELS IN DRUG DELIVERY SYSTEMS	Büsra BODUR, Özlem DOGAN *Yıldız Technical University, Istanbul, Turkey*
15:00 – 15:20	SYNTHESIS AND CHACTERISATION OF NEW 2D OXALAMIDE FUNCTIONALIZED METAL ORGANIC FRAMEWORKS	Fatih SEMERCI, Yunus GÜÇLÜ, Seda KESKIN, Alper UZUN, Yunus ZORLU, Hakan ERER *Kırklareli University, Kırklareli, Turkey*
15:20 – 15:40	SYNTHESIS AND CHARACTERIZATION OF COBALT (II) COMPLEX AND ITS CATALYTIC ACTIVITY ON ALCOHOLS/ALKENES OXIDATION	Yalçın KILIÇ, İbrahim KANİ *University of Economics, İzmir, Turkey*

15:40 – 15:50	C O F F E E / T E A B R E AK

HALL 1 / SESSION C

SESSION CHAIR	Assit.Prof.Dr.Emel AKYOL, *Yıldız Technical University, İstanbul, Turkey*	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
15:50 – 16:10	A NOVEL SANDWICHED COMPOSITE ELECTRO-SPUN MEMBRANE FOR FAST OIL-WATER SEPARATION	Havva TUTAR KAHRAMAN, Şeyma DAĞDUR, Tuğçe DEDE, Ahmet AVCI, Erol PEHLİVAN *Selcuk University, Konya, Turkey*
16:10 – 16:30	STEREOISOMERIC ASSIGNMENTS TO HEMIAMINALS OF HETEROCYCLIC COMPOUNDS	İlknur DOĞAN, Sevgi SARIGÜL, Şenel TEKE TUNÇEL *Boğaziçi University, İstanbul, Turkey*

16:30 – 16:50	POSSIBLE REACTION PATHWAYS of THE OXYDIBENZENESULFONYL HYDRAZIDE (OBSH) MOLECULE ACCORDING TO THE DFT CALCULATION METHOD	Yelda YALÇIN GÜRKAN , Bahar EREN *Namık Kemal University,Tekirdag, Turkey*
16:50 – 17:10	pH EFFECT ON THE PARTICLE SIZE AND ZETA POTENTIALS OF POLY (ETHYLENE GLYCOL) AND POLY EHTYLENE-BLOCK-POLY(ETHYLENE GLYCOL) WITH VARIOUS MOLECULAR WEIGHTS	Dolunay ŞAKAR DAŞDAN, Gamze Tosun, Yeşim Karahan Yıldız Technical University, Istanbul, Turkey

17:10 – 17:45	LIVE CONCERT by CONFERENCE PARTICIPANTS

17:45 – 19:30	HOTEL DEPARTURE FOR BOAT TOUR (Incl. into Registration Fee)

12 MAY 2018

08:30-17:00 : REGISTRATION

HALL 1 / KEYNOTE SPEAKER

09:00 – 09:30	PROF. DR MUSTAFA ERSÖZ SELCUK UNIVERSITY, KONYA TURKEY Lecture Title: "NANOSTRUCTURED FUNCTIONAL MATERIALS BASED ON SELF-ASSEMBLY OF BLOCKCOPOLYMERS"

HALL 1 / SESSION D

SESSION CHAIR	PROF. DR VURAL BÜTÜN ESKİŞEHİR OSMAN GAZI UNIVERSITY, ESKIŞEHIR, TURKEY	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
09:30 – 09:50	STRUCTURAL CHARACTERIZATION and *IN VITRO* BIOACTIVITY of TITANIUM-DOPED 45S5 BIOGLASSES	Sevil YÜCEL, Burcu KARAKUZU İKİZLER, Pınar TERZİOĞLU, Yeliz ELALMIŞ *Yıldız Technical University, İstanbul, Turkey*
09:50 – 10:10	AMPEROMETRIC DETECTION OF CADAVERINE WITH c-MWCNTs-CO_3O_4 MODIFIED SCREEN-PRINTED ELECTRODE	Ceren KAÇAR *Ankara University, Ankara, Turkey*
10:10 – 10:30	EFFECT of PROCESS PARAMETERS on the PRODUCTION of METAL INCORPORATED SILICA AEROGELS	Pınar TERZİOĞLU, Burcu KARAKUZU IKIZLER, Tülay Merve TEMEL, Sevil YÜCEL *Muğla Sıtkı Koçman University, Muğla, Turkey*
10:30 – 10:50	THE RELATIONSHIP BETWEEN SEA SURFACE TEMPERATURES AND RAINFALL OVER TURKEY	Esin BOZKURT KOPUZ *Marmara University, Istanbul,Turkey*

10:50 – 11:00	C O F F E E / T E A B R E AK

HALL 1 / SESSION E

SESSION CHAIR	PROF. DR MUSTAFA ERSÖZ SELCUK UNIVERSITY, KONYA, TURKEY	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
11:00 – 11:20	CHELATING BENZIMIDAZOLE FUNCTIONALIZED PERYLENE DIIMIDE DERIVATIVES WITH DIFFERENT BAY-SUBSTITUENTS	Abdurrahman ŞENGÜL, Fatih PEKDEMİR *Bülent Ecevit University,Zonguldak, Turkey*
11:20 – 11:40	VOLTAMMETRIC SENSING OF TRICLOSAN BASED ON THE ENHANCEMENT EFFECT OF THE CATIONIC SURFACTANT AT CATHODICALLY PRETREATED BORON-DOPED DIAMOND ELECTRODE	Nurcan ALPAR, Yavuz YARDIM, Zühre ŞENTÜRK *Van Yüzüncü Yıl University, Van, Turkey*
11:40 – 12:00	ADSORPTION CAPACITIES OF NOVEL ECO-FRIENDLY BIOSORBENTS IN REMOVAL OF CONTAMINANTS IN AQUEOUS SOLUTIONS	Elif Hatice GÜRKAN, Berkay İLYAS *Ondokuz Mayis University Samsun Turkey*
12:00 – 12:20	THE FT-IR, NMR SPECTROSCOPY AND COMPUTATIONAL STUDY OF THE SUBSTITUTED CARBAZOLE USED IN SYNTHESIZING OF THE STRYCHNOS ALKALOIDS	Goncagül SERDAROĞLU, Nesimi Uludağ *Cumhuriyet University, Sivas, Turkey*
12:20 – 12:40	ADSORPTION OF Th(IV) ONTO CHEMICALLY MODIFIED ACTIVATED CARBON	Özlem SELÇUK ZORER, Çiğdem ÖTER *Van Yüzüncü Yıl University, Van, Turkey*
12:40 – 13:00	DETERMINATION OF WATER CONTENT IN APROTIC SOLVENT BY ANTRAQUINONE-MODIFIED MULTI-WALLED CARBON NANOTUBES	İzzet KOÇAK *Bulent Ecevit University, Zonguldak Turkey*

13:00 – 14:00	LUNCH

HALL 1 / KEYNOTE SPEAKER

14:00 – 14:30	PROF. DR VURAL BÜTÜN Lecture Title: STIMULI-RESPONSIVE POLYMERS: INTELLIGENT, SURFACE-ACTIVE, SCHIZOPHRENIC, AND SUPERB SOURCE FOR VARIOUS NANOSTRUCTURES “

HALL 2 / SESSION F

SESSION CHAIR	Prof.Dr. Sevil YÜCEL YILDIZ TECHNICAL UNIVERSITY, ISTANBUL, TURKEY	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
14:30 – 14:50	INHIBITION EFFECT OF POLYACRYLIC ACID AND ITS MIXTURE WITH POTASSIUM IODIDE ON MILD STEEL CORROSION IN ACID SOLUTION	İlyas DEHRİ, Gökmen SIĞIRCIK, Ayşen SARI, Mehmet ERBİL *Çukurova University, Adana, Turkey*
14:50 – 15:10	SYNTHESES AND SPECTROSCOPIC CHARACTERIZATIONS OF MONO CYCLO-2,2'-DİHYDROBIPHENYLPHOSPHAZENE BEARING VANILLINATO GROUPS	Yasemin TÜMER, Sinan Ziya ÖZDEMİR *Karabük University,Karabük, Turkey*

15:10 – 15:30	ELECTROCHEMICAL BEHAVIOUR OF OFLOXACIN IN PHARMACEUTICAL AND BIOLOGICAL SAMPLES USING A BORON-DOPED DIAMOND ELECTRODE IN USING ANIONIC SURFACTANT	Pınar TALAY PINAR, Zühre ŞENTÜRK *Van Yüzüncü Yıl University, Van, Turkey*
15:30 – 15:50	CONTROLLED RELEASE OF DRUG FROM A NEW PLATFORM BASED CALIXARENE NANOFIBER	Esra MALTAS CAGIL, Othman HAMEED, Fatih OZCAN *Selcuk University, Konya, Turkey*
15:50 – 16:10	DEVELOPMENT OF DISPOSABLE AMPEROMETRIC PUTRESCINE BIOSENSOR USING METHYLENE BLUE AS A MEDIATOR	Berna DALKIRAN *Ankara University, Ankara, TURKEY*

16:10 – 16:30	C O F F E E / T E A B R E AK

HALL 1 / SESSION G

SESSION CHAIR	Prof.Dr.İlyas DEHRİ, Çukurova University, Adana, Turkey	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
16:30 – 16:50	SPECTROSCOPIC AND PHOTOPHYSICAL PROPERTIES OF TWISTED PERYLENE DIIMIDES APPENDED WITH CHELATING N-HETEROCYCLES	Abdurrahman ŞENGÜL, Sebile Işık BÜYÜKEKŞİ, Nursel ACAR, Ahmet ALTINDAL, Ali Rıza ÖZKAYA *Bülent Ecevit University, Zonguldak, Turkey*
16:50 – 17:10	IMMOBILIZATION OF LIPASE-PRODUCING BACTERIA *Acinetobacter Haemolyticus* ON EGGSHELL MEMBRANE	Ceyhun IŞIK, Nurdan SARAÇ, Mustafa TEKE, Aysel UĞUR *Mugla Sıtkı Koçman University, Muğla, Turkey*
17:10 – 17:30	NEW SYNTHETIC METHODS FOR PYRAZOLE FUSED HETEROCYCLIC COMPOUNDS	Meltem TAN *Van Yüzüncü Yıl University , Van, Turkey*
17:30 - 17:50	NOVEL METAL-BASED ANTICANCER DRUGS: SYNTHESIS AND A NEW APPROACH TO DRUG DELIVERY	Ayşegül GÖLCÜ *Istanbul Technical University, Turkey*
17:50 – 18:10	ELECTROCHEMICAL PROPERTIES OF LANTHANIDE SERIES BIS-PHTHALOCYANINES	Efe B. ORMAN, Emre GÜZEL, Baybars KÖKSOY, Ali R.ÖZKAYA *Marmara University.,Istanbul, Turkey*
18:10 - 18:30	COST AND INTERNATIONAL NETWORK WORKSHOP	Mustafa Ersöz, *Selcuk University, Konya, Turkey*

18:30 – 18:40	B R E AK

HALL 1 / POSTER SESSION H

SESSION CHAIRS	Assoc.Prof.Dr.Dolunay ŞAKAR DAŞDAN Yildiz Technical University,Istanbul, Turkey	Assoc.Prof.Dr.Yelda YALÇIN GÜRKAN Namık Kemal University, Tekirdağ, Turkey
18:40 – 19:40	PAPER TITLE	PRESENTER / CO AUTHOR
PREPARATION OF AMINO MODIFIED RECYCLED POLYETHYLENE TEREPHTHALATE NANOFIBERS AND INVESTIGATION OF USAGE IN WASTE WATER FILTRATION		Yaşar Can AYRA, Memet Vezir KAHRAMAN, Bahattin YALÇIN *Marmara University, Istanbul, Turkey*
POLY(METHACRYLOYLOXY ETHYL PHOSPHATE) GRAFTED PVDF POLYMER ELECTROLYTE MEMBRANES VIA SURFACE INITIATED ATRP		Nilhan Kayaman Apohan, Burcu OKTAY, Mustafa H. UĞUR *Marmara University, Istanbul, Turkey*
THE PREPARATION OF FLUORINE AND GRAPHENE OXIDE CONTAINING HYDROPHOBIC NANOCOMPOSITE COATINGS		Nilhan Kayaman Apohan, Seda Akhan, Burcu OKTAY, Seyfullah MADAKBAŞ *Marmara University, Istanbul, Turkey*
DIELECTRIC PROPERTIES OF POSS/ POLYIMIDE NANOCOMPOSITES		Seyfullah MADAKBAŞ, Hatice BİRTANE, Kadir ESMER, Memet Vezir KAHRAMAN *Marmara University, Istanbul, Turkey*
FLUORIMETRIC SENSOR FOR CYANIDE IONS		Soner ÇUBUK, Aykut KAPLAN, Ece KÖK YETİMOĞLU, M. Vezir KAHRAMAN *Marmara University, Istanbul, Turkey*
COMPREHENSIVE SCREENING OF BEE PRODUCTS FLAVONOID CONTENTS WITH TIME EFFECTIVE AND SENSITIVE HPLC-UV METHODOLOGY		İsmail Emir AKYILDIZ, Soner ÇUBUK, Ece KÖK YETİMOĞLU, Özge ERDEM *Marmara University, Istanbul, Turkey*
A TURN OFF FLUORESCENT SENSOR FOR ALUMINIUM IONS		Ece KÖK YETİMOĞLU, Pelin ATBAŞ, Soner ÇUBUK, M. Vezir KAHRAMAN *Marmara University, Istanbul, Turkey*
A NOVEL APPROACH FOR QUANTITATIVE ANALYSIS OF UNCONJUGATED BISPHENOL A LEVELS IN MATERNAL AND UMBILICAL CORD BLOOD		İsmail Emir AKYILDIZ, Ece KÖK YETİMOĞLU, Soner ÇUBUK, Sezer ACAR *Marmara University, Istanbul, Turkey*
A COMPUTATIONAL APPROACHES ON THE STRUCTURAL, ELECTRONIC AND SPECTROSCOPIC PROPERTIES OF THE PHENYLHYDRAZINE		Goncagül SERDAROĞLU, Nesimi ULUDAĞ *Cumhuriyet University, Sivas, Turkey*
PREPARATION OF REDUCED GRAPHENE OXİDE-CLAY NANAOCOMPOSİTE AND INVESTIGATION OF ITS PROPERTIES		Sevil ÇETİNKAYA, Nurşah KÜTÜK *Cumhuriyet University, Sivas, Turkey*
PREPARATION AND CHARACTERIZATION OF POLY(SODIUM 4-STYRENESULFONATE)-DECORATED SnO_2 NANOPARTICLES BY HYDROTHERMAL METHOD		Filiz BORAN, İmren TAŞKIRAN Sevil ÇETİNKAYA *Cumhuriyet University, Sivas, Turkey*
THE MODIFICATION OF THE SURFACE OF POLYACRYLONITRILE FIBER BY GRAFTING OF GLYCIDYL METHACRYLATE MONOMER		Meral ŞAHİN, Nihan SEVEN, Meryem KALKAN ERDOĞAN, Mehmet SAÇAK *Ankara University, Ankara Turkey*

EDIBLE FILMS BASED ON CHITOSAN: PREPARATION AND PHYSICO-CHEMICAL EVALUATION	Fatmagül ŞAHİN, N. Gayenur HUT, G. Helin ÖZÇELİK, İlknur KÜÇÜK, İbrahim DOYMAZ *Yıldız Technical University, Istanbul Turkey*
ADSORPTION OF BOVINE SERUM ALBUMIN ONTO HYDROXYAPATITE	Imren EKINGEN, Özlem DOGAN *Yıldız Technical University, Istanbul Turkey*
INTERMOLECULAR INTERACTIONS BETWEEN SULFADIAZINE AND SACCHARIN	Nursel ACAR, Emine COŞKUN *Ege University, İzmir, Turkey*
INTERMOLECULAR INTERACTIONS BETWEEN SEROTONIN AND PROMAZINE USING COMPUTATIONAL METHODS	Tuğçe ŞENER RAMAN, Nursel ACAR *Ege University, İzmir, Turkey*
ELECTROCHEMICAL INVESTIGATION OF INTERACTION BETWEEN NIMESULIDE AND Cd(II) IONS IN THE ABSENCE AND PRESENCE OF HYDROGEN PEROXIDE	Emine COŞKUN, Nursel ACAR *Ondokuz Mayıs University, Samsun,Turkey*
PRECONCENTRATION OF COPPER, LEAD, GOLD AND PALLADIUM BY MICROEXTRACTION TECHNIQUE BASED ON IONIC LIQUID	Ümit DİVRİKLİ, Burak AKSOY, Mustafa SOYLAK, Latif ELÇİ *Pamukkale University, Denizli, Turkey*
SELECTIVE EXTRACTION OF IRON, GOLD AND PALLADIUM WITH DISPERSIVE LIQUID LIQUID MICROEXTRACTION METHOD	Ümit DİVRİKLİ, Mustafa SOYLAK, Latif ELÇİ *Pamukkale University, Denizli, Turkey*
DEGRADATION RATE OF PAPER DYED WITH *RHEUM RIBES* L.	Pınar ÇAKAR, Emel AKYOL *Yıldız Technical University, Istanbul, Turkey*
ANODICALLY PRETREATED BORON-DOPED DIAMOND ELECTRODE FOR ANTITHYROID DRUG METHIMAZOLE DETERMINATION IN THE PHARMACEUTICAL FORMULATIONS	Safanur Seyidahmet, Fatih Dönmez, Yavuz YARDIM, Zühre Şentürk *Van Yuzuncu Yil University,Van, Turkey*
EXTRACTION OF PHENOLICS IN CARROT WITH METHANOL SOLVENTS HAVING DIFFERENT pH VALUES	Fatma ISIK, Unkan URGANCI, Figen TURAN, Cansu TOPKAYA *Pamukkale University, Denizli, Turkey*
ANTHOCYANINS and DIFFERENT METHODS OF EXTRACTION from SOME FRUITS and VEGETABLES	Cansu TOPKAYA, Unkan URGANCI, Fatma IŞIK, Figen TURAN *Pamukkale University, Denizli, Turkey*
DETERMINATION THE ANTIOXIDANT ACTIVITIES OF VARIOUS DRIED GOJI BERRIES PROVIDED FROM DENIZLI MARKETS	Ünkan URGANCI, Figen TURAN, Fatma IŞIK, Cansu TOPKAYA *Pamukkale University, Denizli, Turkey*
DETERMINATION THE COLOR VALUES OF RED CABBAGE EXTRACTS HAVING DIFFERENT pH VALUES	Figen TURAN, Fatma ISIK, Unkan URGANCI, Cansu TOPKAYA *Pamukkale University, Denizli, Turkey*
EXCELLENT CORROSION INHIBITION PERFORMANCE PYRAZINECARBOXAMIDE ON MILD STEEL IN 0.5 M HCl	Ayşen SARI, İlyas DEHRİ *Çukurova University, Adana, Turkey*
THE INVESTIGATION OF STRUCTURAL ALTERATION OF RAW MATERIALS USED TO ATTAIN GRAPHENE QUANTUM DOT IN DIFFERENT PROLYSIS CONDITIONS	Şifa KIR, Ilyas DEHRİ, Yunus ÖNAL, Ramazan ESEN *Çukurova University, Adana,Turkey*
NEW IMPROVEMENTS ON SUPERCRITICAL DYEING MACHINES	Nalan DEVRENT, Sema PALAMUTCU *Pamukkale University, Denizli, Turkey*
APPLICATION OF SUPERCRITICAL FLUID DYEING PRINCIPLE FOR THE SYNTHETIC TEXTILE FIBERS	Nalan DEVRENT , Sema PALAMUTCU *Pamukkale University, Denizli, Turkey*

ELECTROCHEMICAL DETERMINATION OF LUTEOLIN IN BIOLOGICAL SAMPLE AT A CATHODICALLY PRETREAMENT BORON-DOPED DIAMOND ELECTRODE IN THE PRESENCE CATIONIC SURFACTANT USING SQUARE-WAVE ADSORPTİVE STRIPPING VOLTAMMETRY	Melike KENDİRCİ, Pınar TALAY PINAR, Zühre ŞENTÜRK *Van Yüzüncü Yıl University, Van, Turkey*
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13 MAY 2018

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TIME	PAPER TITLE	PRESENTER / CO AUTHOR
09:00 – 09:20	MECHANISM OF THE ELECTRON-EXCHANGE REACTIONS BETWEEN MIXED LIGAND Fe(III) COMPLEXES AND CYANO COMPLEX OF Fe(II)	R. Khattak, I. I. Naqvi *Shaheed Benazir Bhutto Women University, Peshawar, Pakistan*
09:20 – 09:40	GENOTOXIC EVALUATION OF ALCOHOLIC AND HEXANE EXTRACTS FROM AN ENDEMIC PLANT *THERMOPSIS TURCICA* ON LIVER CANCEROUS CELL LINE	Muhammad Muddassir Ali, İbrahim Hakkı CİĞERCİ *University of veterinary and animal sciences Lahore Pakistan*
09:40 – 10:00	NEW ELECTRODE MATERIALS AND ARRANGEMENTS FOR MONITORING OF TRACE CONCENTRATIONS OF BIOLOGICALLY ACTIVE ORGANIC COMPOUNDS	Jiri BAREK, Hana DEJMKOVA, Jan FISCHER, Karolina PECKOVA, Vlastimil VYSKOCIL *Charles University, Czech Republic*
10:00-10:20	EXPERIMENTAL AND COMPUTATIONAL CHEMISTRY STUDIES ON THE INHIBITION EFFICIENCY OF PHTHALIC ACID (PHA) FOR THE CORROSION OF ALUMINUM IN HYDROCHLORIC AND TETRAOXOSULPHATE (VI) ACIDS	Paul Ocheje Ameh *Nigeria Police Academy, Wudil, Kano, Nigeria*
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