



Chemical sciences

Poster session

I Session

No.	Author	Title
1	Hromova Anna	SYNTHESIS AND ANTICANCER EVALUATION OF 1-(HETEROARYLMETHYL)-1-[(2-OXO-6,7-DISUBSTITUTED-1,2-DIHYDROQUINOLIN-3-YL)METHYL]-3-SUBSTITUTED THIOUREAS TARGETING TELOMERE-ASSOCIATED PROTEINS
2	Neumann Julia	SMALL-MOLECULE HETEROCYCLIC COMPOUNDS AS POTENTIAL ANTICANCER THERAPEUTICS
3	Filipiak Zuzanna	A PHOTO-CROSSLINKING-BASED OLIGONUCLEOTIDE PROBE FOR DETECTING EPIGENETICALLY SIGNIFICANT CYTOSINE MODIFICATIONS
4	Brzuzy Kamil	OPTIMIZATION OF ERGOSTEROL EXTRACTION FROM AGARICUS BISPORUS
5	Mateusz Żółtobrocki	FROM 5-METHYLCYTIDINE TO 5-CARBOXYCYTIDINE: HOW DOES C5 MODIFICATION ALTER THE PROPERTIES OF NUCLEOSIDES?
6	Górecki Kacper	SYNTHESIS OF BIOLOGICALLY ACTIVE ISOTHIOCYANATE-TRIAZINE CONJUGATES CONTAINING AZETIDINE RINGS
7	Kowalska Agata	Au@SiO ₂ CORE-SHELL NANOSTRUCTURES FOR ENHANCED DELIVERY OF ACTIVE COMPOUNDS IN BIOMEDICAL APPLICATIONS
8	Ibrahimov Mehdi	DEVELOPMENT AND PHYSICOCHEMICAL CHARACTERIZATION OF CHITOSAN-BASED FILMS INCORPORATED WITH ZINC PHTHALOCYANINE FOR LIGHT-RESPONSIVE APPLICATIONS
9	Wilgocki Mateusz	SYNTHESIS OF A CONJUGATE CONSISTING OF CIPROFLOXACIN AND A PHOSPHORUS DERIVATIVE OF ISOTHIOCYANATE AS A NEW COMPOUND WITH POTENTIAL ANTIBACTERIAL PROPERTIES
10	Arciszewski Krystian	QM/MM STUDY OF ATP HYDROLYSIS IN THE HSP70: CONFORMATIONAL CHANGES IN THE ACTIVE SITE
11	Michalak Katarzyna	EFFECT OF TNA MODIFICATIONS ON STABILITY OF HUMAN TELOMERIC G-QUADRUPLEX



12	Lisiecki Jakub	TORSIONAL ANGLES OF GLYCOSIDIC BONDS VS SUGAR CHAIN CONFORMATION – COMBINED DETERMINISTIC AND STOCHASTIC STUDIES
13	Merin Rose Emmanuel Kalathiparambil	ENABLING NETWORK CONTROLLED REINFORCEMENT BY SOLID STATE HIERARCHY RESCALING
14	Afandi Karima	FORMULATION AND EVALUATION TOPICAL GEL FORMULATIONS OF EPILOBIUM PARVIFLORUM (HOARY WILLOWHERB), TANACETUM VULGARE (TANSY), AND FILIPENDULA ULMARIA (MEADOWSWEET)
15	Aji Suhartoyo	PHYSICALLY CROSSLINKED TRAGACANTH/CHITOSAN BIOCOMPOSITE SPONGES WITH RUBIADIN AND INCORPORATING MORINGA OLEIFERA EXTRACT
16	Nowak Julia	USING INDIRECT FLUORESCENCE TO ASSESS THE INTERACTION OF BENZENESULFONAMIDE DERIVATIVES WITH G-QUADRUPLEXES DNA

II Session

No.	Author	Title
1	Piekacz Katarzyna	ADSORPTION ISOTHERMS FOR CIPROFLOXACIN REMOVAL FROM WATER USING HALLOYSITE-CARBON COMPOSITE
2	Jaros Marta	TESTING NICKEL(II) PENTAFLUOROPROPIONATE COMPLEXES WITH ALIPHATIC AMINES IN CVD AND FEBID METHODS
3	Mokhtarian Mahsa	RECENT ADVANCES IN CATALYTIC PYROLYSIS OF BIOMASS FOR VALUABLE CHEMICAL PRODUCTION
4	Tuba Tuba	GREEN SYNTHESIS, CHARACTERIZATION, AND ANTIBACTERIAL ACTIVITY OF BIOGENIC IRON OXIDE NANOPARTICLES
5	Gil Peláez Anderson	QUANTUM PHOTOPHYSICAL DATABASE: BORON-DIPYRROMETHENES (BODIPYS) RELATED COMPOUNDS WITH SOLVENT EFFECTS
6	Milczarska Zofia	ELECTROCHEMICAL ACTIVATION IN ORGANOCATALYTIC ASYMMETRIC SYNTHESIS OF TETRAHYDROISOQUINOLINES
7	Shrivastav Vaishali	SECM-ASSISTED POLISHING FOR HIGH-RESOLUTION CARBON NANOELECTRODES
8	Podlaska Aleksandra	ELECTROCHEMICALLY INDUCED DIELS–ALDER SYNTHESIS OF ANTHRAQUINONES
9	Morawska Klaudia	A SIMPLE AND INEXPENSIVE POTENTIOMETRIC SENSOR FOR THE DETERMINATION OF AMMONIUM NITROGEN IN WATER AND SOIL: A COMPARATIVE STUDY OF ELECTRODE SUBSTRATES AND MODIFICATIONS



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Wydział Chemii

10	Bańka Natalia	SYNTHESIS AND PHOTOPHYSICAL INVESTIGATION OF DONOR-ACCEPTOR COMPOUNDS FOR FINGERPRINT VISUALIZATION: FROM FLUORESCENCE TO TADF
11	Rogowicz Mateusz	INFLUENCE OF ALKALI METAL CATIONS ON THE ELECTRONIC PROPERTIES AND OLED PERFORMANCE OF QUINOLINE-BASED ELECTRON INJECTION MATERIALS
12	Adamska Elzbieta	SILICA-COATED GOLD NANOSTARS WITH TUNABLE SHELL THICKNESS FOR CONTROLLED RELEASE APPLICATIONS
13	Piec Anna	LOCAL STRUCTURAL MODIFICATION OF THE BF ₂ -CARRING FLUORESCENT CORE FOR PRECISE TUNING OF TWO-PHOTON PROPERTIES
14	Zolghadri Jahromi Neda	THE POTENTIAL ENERGY SURFACE OF THE DIAMINOETHANE CATION AS A CHALLENGE FOR DENSITY FUNCTIONAL THEORY METHODS
15	Sajeela Sehar	CONTAMINANT-INDUCED ALTERATIONS OF BIOCHAR SURFACE FUNCTIONALITIES IN SOIL-PLANT SYSTEM
16	Piotrkowska Aleksandra	BIO-POLYOL DERIVED FROM VEGETABLE OIL AND ITS INFLUENCE ON THE FLAMMABILITY OF RIGID POLYURETHANE/POLYISOCYANURATE FOAM
17	Szymańska Lauren	ADDITIVES EFFECTS ON THE PROPERTIES OF POLYBUTYLENE SUCCINATE ADIPATE (PBSA)
18	Rudowska Ewelina	THE EFFECT OF ALKALI ACTIVATORS ON THE FORMING PROCESS AND CHANGES IN SELECTED MECHANICAL PROPERTIES OF GLASS RECYCLING AGGREGATE
19	Czuchro Dominika	NEW FLUOROPHORES BASED ON TETRAKETONES AND DIKETONES
20	Kaltovich Volha	STUDY OF THE INTERACTION OF PHENAZINE DERIVATVES WITH G-QUADRUPLEXES DNA OF DIFFERENT TOPOLOGY USING CIRCULAR DICHROISM SPECTROSCOPY
21	Gosk Edyta	CONCRETE RECYCLING AS A SOURCE OF SECONDARY CALCIUM CARBONATES – THE ROLE OF CARBONATION
22	Bogdańska Katarzyna	THE EFFECT OF ANNEALING ON THE MORPHOLOGY AND SURFACE PROPERTIES OF COPPER(II) OXIDE-BASED THIN FILMS
23	Paulina Wiśniewska	SYNTHESIS AND STRUCTURAL ANALYSIS OF COPPER(II) VALPROATE COMPLEXES WITH PHENANTHROLINE

