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E6. Polymers as Versatile Materials: Design, Preparation, Characterization, Properties, and Extended Applications

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MICROWAVED-ASSISTED SYNTHESIS OF EPOXY ESTER RESIN AND ITS TRANSFORMATION INTO WATERBORNE

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THE PAST IS THE FUTURE OF SUSTAINABLE LIGHTING TECHNOLOGIES

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DEVELOPMENT OF P3HT/CUO COMPOSITES FOR APPLICATION IN ELECTROCHROMIC DEVICES

SE6-O007 *Invited Talk*

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SYNTHESIS OF CARBONACEOUS MATERIALS FROM PLASTIC WASTE FOR ENVIRONMENTAL REMEDIATION: A THERMAL TREATMENT APPROACH

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PHYSICOCHEMICAL AND STATISTICAL ANALYSIS OF WATER AND MICROPLASTICS IN A DRINKING WATER RESERVOIR IN MEXICO

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Francisco Agustín Reyes García, Estefanía Martínez-Tavera, Sonia Martínez Gallegos, [Javier Illescas](#)

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SYNTHESIS OF THE RAFT TERPOLYMER AA-AMPS-HPA WITH ANTI-SCALING PROPERTIES TO THE INHIBITION OF CALCIUM SALTS

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DESIGNING BIOMIMETIC MICROREACTORS FOR CONTROLLED SYNTHETIC CHEMISTRY

SE6-O012 Invited Talk

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DESIGNING METAL CHELATING POLYMERS FOR SINGLE CELL PROTEOMIC APPLICATIONS

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INSIGHTS ON THE INTERACTIONS BETWEEN CYCLODEXTRIN, NATIVE OR DENDRONIZED, AND CURCUMIN IN INCLUSION COMPLEXES, PROMOTED IN SOLUTION OR SOLID STATE

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SYNTHESIS OF HYDROGELS FROM ANTHOCYANINS EXTRACTED FROM BLUEBERRY PEEL CHEMICALLY MODIFIED FOR POTENTIAL BIOMEDICAL AND ENVIRONMENTAL APPLICATIONS

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HYDROGEL SYNTHESIS FROM CHEMICALLY MODIFIED BETALAINS EXTRACTED FROM BETA VULGARIS L. FOR POTENTIAL ENVIRONMENTAL AND BIOMEDICAL APPLICATIONS

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EUROPIUM RECOVERY PROCESS BY MEANS OF POLYMERIC NANOPARTICLES FUNCTIONALIZED WITH ACRYLIC ACID, CURCUMIN AND FUMARAMIDE

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ENGINEERING SINGLE CHAIN NANOPARTICLES TO MIMIC PROTEINS

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PHYSICOCHEMICAL CHARACTERIZATION OF A COMPOSITE BY PCL/QS/AGNPS/MWCNT ELECTROSPINNING

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PREPARATION AND CHARACTERIZATION OF BIODEGRADABLE NANOCOMPOSITE MEMBRANES BY PHASE INVERSION METHOD



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STRUCTURE-FUNCTION RELATIONSHIPS GOVERNING CELLULAR RESPONSE TO NOVEL BIOMATERIALS FOR UTERINE AND NEURAL TISSUE ENGINEERING

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APPLICATION OF THE TOPSIS-SHANNON ENTROPY METHOD FOR EVALUATING STARCH BIOPOLYMER FILM PRODUCTION

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STUDY OF THE EFFECT OF RETROGRADATION OF POTATO STARCH ON ITS RHEOLOGY AND CRYSTALLINITY OVER TIME

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TUNING ELECTRICAL PROPERTIES OF COMPOSITE BIOPOLYMER BASED ON STARCH AND LAYERED DOUBLE HYDROXIDES

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SYNTHESIS, CHARACTERIZATION AND INTERACTION MECHANISMS OF SILVER NITRATE WITH CHITOSAN FILMS FOR USE AS AN ANTIMICROBIAL COATING

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FULLY PEPTIDIC MICROFIBER MESHES BASED ON ELECTROSPUN COPOLYMERS FOR BIOMEDICAL APPLICATIONS**SE6-O040 Invited Talk**

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ORIENTATION IN ELECTROSPUN FIBERS: CHARACTERIZATION, OPTIMIZATION, AND APPLICATION**SE6-O041 Invited Talk**

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STUDY OF THE HAP FUNCTIONALIZATION AND PARTICLE SIZE EFFECT ON THE PHYSICAL AND BIOLOGICAL BEHAVIOR OF CROSSLINKED PCL-ALG/COL-HAP ELECTROSPUN MATS**SE6-O042 Oral**

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RECENT ADVANCES IN THE CATALYTIC POLYMERIZATION OF POLAR OLEFINS: FROM SIMPLE POLYOLEFINS TO FUNCTIONAL MATERIALS

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THERMAL STUDY OF THERMORESPONSIVE POLYMERIC MICELLES WITH UCST: REMOVAL PROCESS OF ORGANIC MOLECULES OF AQUEOUS ENVIRONMENT

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MESOSCOPIC STUDY OF POLYMERIC IONIC LIQUID MICELLES: REMOVAL OF ANIONIC ORGANIC MOLECULES OF AQUEOUS ENVIRONMENTS

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ENHANCING HEP2-CELL ADHESION THROUGH LAYER-BY-LAYER ASSEMBLY OF HYDROLYZED COLLAGEN ON ELECTROACTIVE FILMS FORMED OF POLY LACTIC ACID/MULTIWALLED CARBON NANOTUBES

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PREPARATION AND CHARACTERIZATION OF NEW CONTROLLED RELEASE SYSTEMS FOR METAL NANOBIOHERBICIDES

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DEVELOPMENT OF NANOSTRUCTURED HYBRID MEMBRANES OF SILICA/POLYVINYL ACETATE/CARBON NANOSTRUCTURES FOR THEIR APPLICATION IN THE SEPARATION OF GASES PRODUCED BY ANAEROBIC BIODIGESTERS.

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STRENGTHENING BIOPOLYMER COMPOSITE MEMBRANES VIA ELECTROSPINNING CELLULOSE/CHITOSAN WITH MWCNTS

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PHOSPHORUS DENDRITIC COMPOUNDS DECORATED WITH CYCLODEXTRIN UNITS IN THE PERIPHERY: NOVEL DESIGN FOR CONTROLLED ASSOCIATION OF DOXORUBICIN PRODRUGS

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DESIGN OF A SOUNDPROOF PAINT BASED ON MICRO- AND NANOCELLULOSE (CNC) FOR AUTOMOTIVE APPLICATIONS

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USE OF ALUMINA NANOPARTICLES IN FIBERGLASS TO REDUCE SOLID PARTICLE IMPACT EROSION ON THE LEADING EDGE.

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DESIGN OF A BIOBASED PRECURSOR OF ELECTROCONDUCTIVE POLYANILINE FROM EUGENOL

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USE OF E-WASTE PLASTICS AS AN AGGREGATE IN CONCRETE MIX

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THEORETICAL DETERMINATION OF TRANSITION TEMPERATURES AND MAIN TRANSPORT PROPERTIES OF POLYMER STRUCTURE FOR THE DEVELOPMENT OF PROTON EXCHANGE MEMBRANE FUEL CELL

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NATURAL POLYPHENOLS AS ANTIMICROBIAL AND ANTIOXIDANT AGENTS IN BIOPOLYMER FILMS



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NANOSTRUCTURED POLY(ACRYLAMIDE)/SODIUM ALGINATE INTERPENETRATING POLYMER NETWORK HYDROGELS LOADED WITH POLY(ACRYLAMIDE) AND GOLD NANOPARTICLES

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SYNTHESIS AND CHARACTERIZATION OF P3HT/SIO2 COMPOSITES

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SYNTHESIS OF A CHITOSAN/POLYPYRROLE MEMBRANE FOR PEM TYPE FUEL CELLS

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PYRENE-CONTAINING POLYMERIC HYDROGELS AS FLUORESCENT CHEMOSENSORS FOR METAL IONS

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EFFECT OF ADDITION OF PRISTINE MONTMORILLONITE IN WATER-BORNE POLYMER USED AS COATING

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SYNTHESIS OF POLYMERS CONTAINING CYCLODEXTRIN UNITS WITH POTENTIAL BIOMEDICAL APPLICATIONS AS DRUG DELIVERY SYSTEMS, USING FRONTAL POLYMERIZATION.

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