

Poster Session 1: Tuesday October 25th 18:00-21:00

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| 72 | 1En-01 | ANÁLISIS Y MODELAMIENTO DE ESFUERZOS RESIDUALES EN PIEZAS INYECTADAS | Carlos Andrés Vargas Isaza | Carlos Vargas, Juan Posada, Juan Sierra, Juan Botero |
| 131 | 1En-02 | Enzymatic hydrolysis of the galactomannan from Delonix regia seed effect on solubility and viscosity | Javier Gudiño-Rivera | Miguel A. Fernández Estrada, Javier Gudiño Rivera, Rubén Saldivar Guerrero, Rubén H. López Bañuelos |
| 143 | 1En-03 | MODELING OF DISTRIBUTIONS OF POLYMER PROPERTIES USING PARALLEL COMPUTING IN MATLAB. I: UNIVARIATE DISTRIBUTIONS | Wilbert Rodríguez Canto | Wilbert Rodríguez Canto, Manuel Aguilar Vega, Luis Chel Guerrero |
| 149 | 1En-04 | MODELING OF DISTRIBUTIONS OF POLYMER PROPERTIES USING PARALLEL COMPUTING IN MATLAB. II: BIVARIATE DISTRIBUTIONS | Esteban Pintos | Esteban Pintos, Mariano Asteasuain |
| 150 | 1En-05 | CHEMICAL AND THERMAL CHARACTERIZATION OF NATURAL PLASTICIZERS IN POLY (VINYL CHLORIDE) COMPOUNDS | Mariano Asteasuain | Esteban Pintos, Mariano Asteasuain |
| 151 | 1En-06 | Study permanence of different plasticizers in injected compositions of poly(vinyl chloride) (PVC) | Ana Grisa | Andréa T. Erstling, Guilherme B. S. Silva, Diego Piazza, Ana M. C. Grisa |
| 153 | 1En-07 | Synthesis of poly(butyl methacrylate) nanoparticles in nanoemulsions prepared by phase inversion temperature technique | Ana Grisa | Guilherme B. S. Silva, Andréa T. Erstling, Mara Zeni, Ana M. C. Grisa |
| 203 | 1En-08 | ASSOCIATION OF CHEMICAL MODIFICATIONS IN XANTHAN PRUNI | Martin Rabelero | Arturo Gómez, A. Flores, Lourdes A. Pérez Carrillo, Martín Rabelero, Rosaura Hernández, Abraham G. Alvarado |
| 286 | 1En-09 | Evaluación de la nanocelulosa fibrilar (CNF) como aditivo potencial en fluidos de perforación a base agua (WDFs) | Yasser Krüger | Paula Michele Abentroht Klaiç, Yasser da Siveira Krüger, Claire Tondo Vendruscolo, Ligia Furlan, Patricia Diaz Oliveira, Angelita da Siveira Moreira |
| 288 | 1En-10 | CONTROLLED ACRYLIC ACID POLYMERIZATION BY COMBINING REDOX INITIATION AND CHAIN TRANSFER | Yurany Villada | Yurany Villada, María Laura Olivares, Natalia Casis, María Soledad Peresin, Diana Alejandra Estenoz |
| 290 | 1En-11 | ROBUST STATE ESTIMATION OF POLYMERIZATION PROCESSES ON THE PULSATING FLOW BEHAVIOR OF A BIOLOGICAL FLUID: HUMAN BLOOD | Luis Marcelino Gugliotta | Gerardo Cáceres Montenegro, Carolina G. Gutierrez, Roque J. Minari, Jorge R. Vega, Luis M. Gugliotta |
| 316 | 1En-12 | COPPER ADSORPTION BY CHITOSAN BEADS IN THE PRESENCE OF HISTIDINE AND AMYLOID-B: an XPS study | Jhovany Tupaz | Jhovany Tupaz, Mariano Asteasuain, Mabel Sánchez |
| 317 | 1En-13 | ASSESSMENT OF ZINC OXIDE CONTENT REDUCTION ON THE RHEOMETRIC AND MECHANICAL PROPERTIES OF ELASTOMERIC | Fausto Calderas | Fausto Calderas, Edson E. Herrera-Valencia, Luis Medina-torres |
| 329 | 1En-14 | Study of morphology and mechanical properties of cyclic olefin copolymers/linear low density polyethylene blends | Cynthia Regina Albrecht Mahl | Cynthia Regina Albrecht Mahl, Thiago Bezerra Taketa, Marisa Masumi Beppu |
| 342 | 1En-15 | Mathematical model for the synthesis of thermosetting polymers based on epoxy resins | Rosmary Brandalise | Daiane Torani, Janaina da Silva Crespo, Rosmary Nichele Brandalise |
| 348 | 1En-16 | DISEÑO ÓPTIMO DE TUBERÍAS FABRICADAS CON MATERIALES COMPUESTOS | Alberto Jorge Dávila Mendoza | Alberto J. Dávila-Mendoza, Luis-Francisco Ramos de Valle, Adriana B. Espinoza-Martínez |
| 352 | 1En-17 | OPTIMIZACIÓN DE CANALES DE ENFRÍAMIENTO EN MOLDES DE INYECCIÓN DE PLÁSTICOS MEDIANTE METODO ELEMENTO FINITO DISCONTINUO GALERKIN | Emilio Berkenwald | Emilio Berkenwald, Marisa Spontón, Verónica Nicolau, Diana Estenoz |
| 360 | 1En-18 | Effect the depolymerization of thermoplastic starch (TPS) films obtained by extrusion twin screw | Jesús Zavala Gutiérrez | Nayeli Fernanda López Caudillo, Víctor Alcántar Camarena, Jesús Zavala Gutiérrez, Moisés Vázquez Toledo |
| 363 | 1En-19 | PROCESSING AND CHARACTERIZATION OF POLYETHYLENE TEREPHTHALATE AND HIGH DENSITY POLYETHYLENE COMPOSITES | Jesús Zavala Gutiérrez | Corazón de Jesús Herrera Sánchez, Jesús Zavala Gutiérrez, Víctor Alcántar Camarena, Moisés Vázquez Toledo |
| 388 | 1En-20 | ANÁLISIS DE UN SISTEMA DE OBTENCIÓN DE FIBRA DE CARBÓN DE BAJA PUREZA | Mayela Casas | Mayela Casas, Francisco Rodríguez, Gustavo Soria, Juan Contreras |
| 422 | 1En-21 | | Milton Oswaldo Vazquez Lepe | Erendira E. Covarrubias Flores, Rubén González Núñez, Milton O. Vázquez Lepe |
| 437 | 1En-22 | | Daniel Alcalá Sánchez | Daniel Alcalá Sánchez I, Juan Carlos Tapia Picazo |

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| Polymeric membranes and their applications | 445 | 1En-23 | MATHEMATICAL MODELING OF NITROXIDE MEDIATED COPOLYMERIZATION | Jaime González Villa | Jaime González-Villa, Enrique Saldivar-Guerra |
| | 51 | 1M-01 | Mixed matrix membranes based on polysulfone and modified clinoptilolite zeolite: Study of thermal and gas permeation properties. | Griselda Castruita de León | Gema C. Hernández Silva, Griselda Castruita de León, Sandra P. García Rodríguez, H. Iván Meléndez Ortiz |
| | 55 | 1M-02 | DEVELOPMENT OF POLYETHYLENE MMM CONTAINING ZEOLITES, SYNTHESIZED FROM COAL WASTE, FOR GAS SEPARATION | Maria Helena Da Silva Reis | Maria Helena S. Reis, Nara Regina S. Basso, Marçal J. Pires, Denis Rodrigue |
| | 78 | 1M-03 | Obtaining of Micro and Sub-Micrometric Wrinkled Hydrogel Surfaces through Thermo- and Photo-crosslinking Processes | Claudio A. Terraza | C.M. González-Henriquez, P. J. Alfaro- Cerda, D. Sagredo-Oyarce, M.A. Sarabia-Vallejos, C.A. Terraza, J. Rodríguez-Hernández |
| | 139 | 1M-04 | BIODIESEL PRODUCTION FROM SOYBEAN OIL BY CROSSLINKED PVA/PAMPS BLENDS CATALYTIC MEMBRANES | Maria Ortencia González-Díaz | Maria Ortencia González-Díaz, Zazil Corzo-González, Maria I. Loria-Bastarrachea, Manuel Aguilár-Vega |
| | 185 | 1M-05 | MEMBRANES OF SiO ₂ -TiO ₂ -NiO, SiO ₂ -ZrO ₂ -CuO and SiO ₂ -ZrO ₂ -Al ₂ O ₃ BY THE SOL-GEL PROCESS | Atenea Josefina Chong Santiago | Atenea Josefina Chong Santiago, Roberto Mendoza Serna, Lucila Valdez Castro, Marina Caballero Díaz |
| | 187 | 1M-06 | SEMIPERMEABLE MEMBRANE OF METAL-ORGANIC POLYMERIC HYBRID MATRIX, USED FOR CONTROLLED RELEASE OF A SUBSTANCE | Roberto Mendoza Serna | Victor A. Corvera Pillado, José A. Rojas Zamorano, Erik A. de los Santos Mata, Viridiana Mendoza Archundia, Roberto Mendoza Serna |
| | 252 | 1M-07 | PELICULAS DE BOPP RECUBIERTAS CON PROTEÍNAS Y ADITIVO ANTIMICROBIANO PARA ENVASADO ACTIVO DE ALIMENTOS | Daniel Ercoli | Mercedes Leobono, Mónica Perez, Noemí Andreucetti, Daniel Ercoli |
| | 311 | 1M-08 | EFFECT OF ADDING FERROUS SOLUTIONS ON CHEMICAL AND THERMAL STABILITY OF CHITOSAN MEMBRANES | JUAN CARLOS CASTRO ALCÁNTARA | Juan Carlos Castro Alcántara, Mariana Cerda Zorrilla, José Antonio Azamar Barrios |
| | 354 | 1M-09 | INFLUENCE OF ADDING LIGNIN AND THEIR DERIVATIVES CHEMICALLY MODIFIED IN THERMODYNAMIC AND MECHANICAL PROPERTIES OF CELLULOSE ACETATE MEMBRANES | Patrícia Melo | Patrícia Melo, Leandro Silva, Reinaldo Ruggiero |
| Modern synthetic methods of polymers | 391 | 1M-10 | Síntesis y Caracterización de Copolímeros en Bloque Sulfonados para Membranas de Intercambio Protónico en Celdas de Combustible | Claudia Piñón | Claudia I. Piñón-Balderrama, Carlos Guerrero-Sánchez, Ulrich S. Schubert, José Bonilla-Cruz |
| | 21 | 1S-01 | Stimuli-dual sensitive hybrid materials: Ferritin-PDMAEMA by "grafting from" polymerization | MARLI LUIZA TEBALDI | Marli Luiza Tebaldi, Himanshu Charan, Ulrich Schwaneberg, Alexander Böker |
| | 33 | 1S-02 | SYNTHESIS OF NEW AROMATIC POLY(AZOMETHINE)S CONTAINING THIOPHENE AND TETRAPHENYLSILANE MOIETIES: THERMAL, OPTICAL AND ELECTRICAL PROPERTIES | Claudio A. Terraza | Claudio A. Terraza, Luis H. Tagle, Patricio A. Sobarzo, Rene A. Huayon, Pablo A. Ortiz, Alain Tundidor-Camba, Carmen M. González-Henriquez |
| | 34 | 1S-03 | SILICON-CONTAINING AROMATIC POLY(IMIDE-ESTER-AMIDES). SYNTHESIS, CHARACTERIZATION AND THERMAL STUDIES | Claudio A. Terraza | Claudio A. Terraza, Luis H. Tagle, Alain Tundidor-Camba, Vicente Rojas |
| | 88 | 1S-04 | Synthesis and characterization of new poly (amide-imide) containing thiol groups as pendant units | Alain Tundidor | Pablo Ortiz, Alain Tundidor-Camba, Claudio A. Terraza, Luis H. Tagle, Deysma Coll, Germán Pérez |
| | 114 | 1S-05 | RAFT Copolymerization of MMA with Different Hydrophilic | Débora Vieira Way | Débora Vieira Way, Rayany Stocco Braidó, José Carlos Pinto |
| | 118 | 1S-06 | Síntesis escalada de nanogel de PHA:PEGMA por polimerización en emulsión libre de tensoactivo | Yadira Cerda | Yadira Cerda-Sumbarda, Angel Licea-Claverie, Arturo Zizumbo-López, Iván Zapata-González |
| | 202 | 1S-07 | MACROPOROUS POLYMERIC MONOLITHS SYNTHESIZED USING NONAQUEOUS HIGH INTERNAL PHASE EMULSIONS | Josue D. Mota-Morales | Josué D. Mota-Morales, Arturo Carranza, M. Guadalupe Pérez-García, John A. Pojman |
| | 219 | 1S-08 | POLIMERIZACIÓN RADICALARIA POR TRANSFERENCIA ATÓMICA EN MINIEMULSIÓN. INFLUENCIA DE LAS CONDICIONES OPERATIVAS | Ayelén Zurman | Ayelén Zurman, Mariano Asteasuain, Claudia Sarmoria, Adriana Brandolin |
| | 228 | 1S-09 | Síntesis y caracterización de polimetacrilato de 4-(2-tiofenil) bencilo | Felipe Gallardo | Felipe Gallardo, Juan Pablo Soto, Juliet Aristizabal, Juan Carlos Ahumada, Cindy Escalona, Víctor Rojas |
| | 243 | 1S-10 | Síntesis y Caracterización de Nuevas Polibenzoxazinas con Menores Temperaturas de Curado | Elangeni Gilbert | Elangeni Gilbert, Marisa Spontón, Diana Estenoz |
| | 379 | 1S-11 | HYDROGELS OF PEG/PVA: METRIBUZIN RESEARCH | JOSÉ LUIS GADEA PACHECO | D. López V., I.Nuñez Méndez, D.A. Flores Pérez |
| | 381 | 1S-12 | EFFECT OF AGAVE FIBER SURFACE TREATMENT ON THE TENSILE PROPERTIES OF POLYETHYLENE COMPOSITES PRODUCED BY COMPRESSION MOLDING | Jorge Ramón Robledo-Ortiz | Julio González-Ortega, Mireille Vonlanthen, Ernesto Rivera |
| | 393 | 1S-13 | SÍNTESIS DE POLIVINILCARBAZOL EN PRESENCIA DE HIDROXI-TEMPO EMPLEANDO TECNOLOGÍA DE MICROONDAS | Ana Claudia Lara Cenicerros | Ana Claudia Lara Cenicerros, Patricia Vega Sánchez, Tirso Emmanuel Flores Guía, Jessica Pérez Valdéz, José Bonilla Cruz |
| | 503 | 1S-14 | Poly(E-caprolactone) diols (HOPCLOH) and their poly(ester-urethane)s (PEUs): The effect of linear aliphatic diols [HO-(CH ₂) _m -OH] as initiators. Synthesis, characterization and properties | José E. Báez | José E. Báez, Ángel Marcos-Fernández, Plácido Galindo-Iranzo |
| | 439 | 1S-15 | Linear and networks copolymers derivatives from allyl 4-hydroxyphenyl carbonate | Delia López Velázquez | Delia López Velázquez, David Alejandro Flores Pérez |

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Nanotechnology and Polymers

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| | 19 | 2N-01 | SUNLIGHT-INDUCED SYNTHESIS OF BIOCOMPATIBLE POLYMER/METAL NANOPARTICLES MATERIALS | J. Betzabe González-Campos | Alejandra Pérez-Nava, Betzabe González-Campos, Josué Mota-Morales, Zaira García-Carvajal, Sara Herrera-Rodríguez, Yliana López Castro, Juan Pablo García Merinos, José María Ponce-Ortega. |
| | 26 | 2N-02 | Collagen/PVA/SC Electrospun Scaffold for 3D Cell Culture | J. Betzabe González-Campos | Luis H. Delgado Rangel, Julia Hernández Vargas, J. Betzabe González Campos, Zaira Y. García Carvajal, Judit Aviña Verduzco and José María Ponce-Ortega |
| | 31 | 2N-03 | INFLUENCE OF AMINE-ALCOHOL FUNCTIONALIZED POLYPROPYLENE ON | SAUL SANCHEZ | Saul Sanchez, Eduardo Ramirez, Mario Valera, Alejandra Zapata |
| | 37 | 2N-04 | Biodegradable Ultrathin Nanoparticles of Poly(Methyl Methacrylate-co-Methacrylic Acid) Prepared via Semicontinuous Heterophase Polymerization | Hened Saade | Hened Saade Caballero, Raul Guillermo Lopez Campos, Sofia Arellano Galvan |
| | 53 | 2N-05 | ELECTRICAL AND PIEZORESISTIVE PROPERTIES OF CARBON NANOTUBES/POLYANILINE HYBRID-FILLED POLYDIMETHYLSILOXANE | TERESA DEL CASTILLO CASTRO | T. del Castillo-Castro, Saul Leyva Egurola, M.M. Castillo-Ortega, J.C. Encinas, P.J. Herrera Franco |
| | 59 | 2N-06 | Formation of polymeric nanocapsules through miniemulsion polymerization using Jojoba oil as costabilizer | Liliane Lona | Joice Bigon, Liliane Lona |
| | 61 | 2N-07 | LIBERACIÓN DE IBUPROFENO DESDE NANOPARTÍCULAS DE POLI(ETIL CIANOACRILATO) | Eduardo Mendizabal | Augusto Balleño, Issa Katime, Maite Rentería, Raúl G. López, Adriana Mendizábal, Jorge E. Puig, Eduardo Mendizábal |
| | 63 | 2N-08 | Electrosíntesis y caracterización de nanohilos de polipirrol | Andres Ramirez Ramirez | A. M. R. Ramirez, M.A. del Valle, J. F. Armijo |
| | 85 | 2N-09 | IN VIVO CHARACTERIZATION OF FUNCTIONALIZED PAMAM DENDRIMERS BY SPECTROSCOPIC TECHNIQUES | Carola Diaz | Carola Diaz, Gonzalo Yévenes, Joel Alderete |
| | 98 | 2N-10 | In situ formation of drug-ionomer nano-complex between ampicillin and a cationic polymer in aqueous media | Constain Salamanca | Constain Salamanca Mejia y Duvan F. Castillo |
| | 103 | 2N-11 | Estudio de la densidad de injerto sobre la propiedades mecánicas de nanocompuestos a base de NPSiO ₂ -g-PDMS/nylon-6.6 | JOSE BÓNILLA-CRUZ | Luis Alanis, Luis Ramirez, Tania E. Lara-Ceniceros, José Bonilla-Cruz |
| | 106 | 2N-12 | FEW GRAPHENE LAYERS FROM GRAPHITE BY HIGH SHEAR EXFOLIATION USING A POLYSACCHARIDE | URIEL MARQUEZ-LAMAS | Uriel Márquez-Lamas, Maíra B. Moreno Trejo, Margarita Sánchez-Domínguez, Tania E. Lara-Ceniceros, José Bonilla-Cruz |
| | 113 | 2N-13 | Zirconocene Aluminumhydride Immobilized on Organic Supports for the Synthesis of Polyethylene | Alba N. Estrada-Ramirez | Alba N. Estrada-Ramirez, Odilia Perez, Rene D. Peralta, Maricela Garcia-Zamora, Victor E. Comparán, Gladys Y. Cortez-Mazatán |
| | 126 | 2N-14 | Mesoscopic study of thermoresponsive amphiphilic membranes: control of pore size via a temperature effect | César Soto-Figueroa | César Soto-Figueroa, María del Rosario Rodríguez-Hidalgo |
| | 137 | 2N-15 | THEORETICAL STUDY OF A MULTI-THERMORESPONSIVE TRIBLOCK COPOLYMER WITH LOW AND UPPER CRITICAL SOLUTION TEMPERATURES | María del Rosario Rodríguez-Hidalgo | María del Rosario Rodríguez-Hidalgo, César Soto-Figueroa |
| | 159 | 2N-16 | Polímeros Conductores: síntesis, caracterización y electropimerización de copolímeros de carbazol y etilendioxitiofeno | Cindy Escalona Gonzalez | Cindy Escalona, Juan Soto, Simon Le Page, Juan Ahumada, Felipe Gallardo, Juliet Aristizabal |
| | 165 | 2N-17 | MAGNETOHYPERTERMIA IN A VEGETABLE OIL BASED POLYMER | Mirna Mosiewicki | C. Meiorin, D. Muraca, D.G. Actis, P. Mendoza Zélis, M.I. Aranguren, M. Knobel, M.A. Mosiewicki |
| | 170 | 2N-18 | Modification of TiO ₂ with Silver Nanoparticles: Application in Photocatalysis | Nancy Tepale Ochoa | Nancy Tepale-Ochoa, Martín Vázquez-Amador, Karla Gómez-Zenteno Daniel Cruz-González, Eric Flores-Aquino, Valeria J. González-Coronel, Shirley Carro Sánchez |
| | 175 | 2N-19 | LAYER-by-LAYER HYBRID GRAPHENE OXIDE PDADMAC MULTILAYERED FILMS | Layza Arizmendi | Layza Arizmendi, Raquel Ledezma, Alberto Rodríguez, Sergio Moya and Ronald Ziolo |
| | 179 | 2N-20 | DISEÑO DE REACTOR DE POLIMERIZACIÓN POR PLASMA CON AGITACIÓN MAGNÉTICA PARA RECUBRIMIENTO DE NANOPARTÍCULAS MAGNÉTICAS | Raul Montiel-Campos | Raúl Montiel, Roberto Olayo-Valles, Luis E González Calderón |
| | 182 | 2N-21 | EFFECTS OF PHYSICAL CROSSLINKS ON THE PHOTORESPONSE OF EPOXY-BASED POLYMERS | PATRICIA OYANGUREN | Mariela Victorel, Luciana M. Sáiz, Diana P. Fasce, María J. Galante, Patricia A. Oyanguren |
| | 188 | 2N-22 | AISLAMIENTO DE CELULOSA NANOFIBRILAR A PARTIR DE LA HOJA DE PALMA AFRICANA (Elaeis Guineensis) MEDIANTE TRATAMIENTOS QUÍMICOS- | Brayan Leonardo Velásquez Gutierrez | Miguel Ángel Navarro Ramirez, Brayan Leonardo Velásquez Gutierrez, Sergio Alexander Pineda Martínez |
| | 208 | 2N-23 | SPHERE TO VESICLE TRANSITION INDUCED BY POLYMERIZATION IN A PEB-b-PEO MODIFIED EPOXY MATRIX | Ileana Alicia Zucchi | Julietta Puig, Ileana A. Zucchi, Roberto J.J. Williams, Walter F. Schroeder |
| | 210 | 2N-24 | NOVEL EPOXY-BASED AZO POLYMERS OBTAINED BY CATIONIC POLYMERIZATION: SYNTHESIS, CHARACTERIZATION AND PHOTOINDUCED | María José Galante | Romina Ollier, Gustavo Arenas, Walter Schroeder, María José Galante, Patricia Oyanguren |
| | 211 | 2N-25 | PLASMA SURFACE MODIFICATION OF SiO ₂ FOR THE EXTRACTION OF FURANIC COMPOUNDS | Manuel Uriel Chacón Argáez | Uriel Chacón-Argáez, Daniela E. Pacheco-Catalán, Patricia Quintana-Owen, Jesús Barrón-Zambrano, Alejandro Avila-Ortega |
| | 216 | 2N-26 | Nanopartículas de Talco en films orientados por Roll-casting | Ma. Gabriela Passaretti | Ma. Gabriela Passaretti, Daniel A. Vega, Marcelo A. Villar |
| | 220 | 2N-27 | THERMORESPONSIVE BIOPOLYMER- GRAFTED MESOPOROUS SILICA NANOPARTICLES AS POTENTIAL MATERIAL FOR DRUGS CARRIER | Lorena García-Uriostequí | L. Garcia-Uriostequí, G. Toriz, E. Delgado |
| | 282 | 2N-28 | SYNTHESIS OF NANOCOMPOSITES WITH STAR SHAPED POLY(ε-CAPROLACTONE)-CO-POLY(ETHYLENE GLYCOL) AS POLYMERIC MATRIX | Leonardo Ramses Cajero Zul | Leonardo Ramses Cajero Zul, Sergio Manuel Nuño Donlucas |
| | 299 | 2N-29 | Effect of nucleation on the crystallization of Poly (lactic acid)/Poly (propylene) blends. | Sergio Barrientos-Ramirez | Dulce K. Contreras García, Yovana García Morais, Sergio Barrientos Ramirez, Georgina Montes de Oca Ramirez |
| | 304 | 2N-30 | CVD graphene transfer to hard substrates | Guilhermino J. M. Fechine | Emerson Cândido de Oliveira, Guilhermino José Macêdo Fechine |
| | 314 | 2N-31 | STUDY OF THE MECHANICAL AND FLAME RETARDANCY PROPERTIES OF HDPE/COC/NANOCCLAY COMPOSITES | Joel Bersayn Galván-Torres | Joel Bersayn Galván-Torres, Adriana B. Espinoza-Martínez, Eduardo Ramirez-Vargas, Juan Luis Zapata-Nava |
| | 318 | 2N-32 | EFFECT OF THE COMPOSITION IN STATIC AND DYNAMIC MECHANICAL PROPERTIES OF POLYMERS SYNTHESIZED IN TWO STAGES. SYSTEMS: STYRENE - BUTYL ACRYLATE / BUTYL ACRYLATE AND STYRENE - METHYL METHACRYLATE / BUTYL ACRYLATE | Carlos Federico Jasso-Gastinel | Francisco J. Rivera Gálvez, María E. Hernández, Carlos F. Jasso-Gastinel |
| | 319 | 2N-33 | OBTENTION OF CELLULOSE NANOCRYSTALS FILMS WITH OPTICAL PROPERTIES | Verónica L. Mucci | Juan M. Buffa, Mirza I. Aranguren, Verónica L. Mucci |
| | 322 | 2N-34 | Synthesis and characterization of PBAE coated MCM-41-MSNs for its potential application in controlled drug delivery | William Alejandro Talavera-Pech | William Talavera-Pech, Patricia Quintana-Owen, Adriana Esparza- Ruiz, Daniella Pacheco-Catalán, Alejandro Avila-Ortega |
| | 346 | 2N-35 | Synthesis of AuNPs using block copolymer by Microwave Assisted Method | Luis A. Ramirez-Leal | Luis A. Ramirez-Leal, José Bonilla-Cruz, Tania E. Lara-Ceniceros |
| | 353 | 2N-36 | RAFT AND IT'S CHAIN EXTENTION WITH MMA IN sc(CO ₂). MORPHOLOGY OF DISPERSED MICROSPHERES | ROBERTO YAÑEZ MACIAS | Yañez-Macias Roberto; Guerrero-Santos Ramiro, Maldonado-Textle Hortensia, Cabello-Romero Judith Nazareth, Garza-Cepeda Jesús Angel, Torres-Lubán José Román |
| | 365 | 2N-38 | PMMA/ZnO NANO-COMPOSITES OBTAINED BY IN-SITU POLYMERIZATION USING [BMIM][BF ₄] AS THE REACTION MEDIA | Graciela Morales | Karla Delgado Rodríguez, Graciela Morales, Javier Enriquez and Gastón Barreto Valdez-Fausto Mario, Jiménez-Amecua Rosa, Rentería-Uruzúa Maite, Navarro-Arztate Fernando, Lomelí-Ramirez María, García-Enriquez Salvador |
| | 366 | 2N-39 | Use of nanofibers from Agave Tequilana Weber in obtaining nanocomposites based thermoplastic starch | García Salvador | Edgar J. López-Naranjo, I. Paz Hernández-Rosalas, Luis J. González-Ortiz, Damaris Velázquez-Páez, Alejandro Manzano-Ramirez |
| | 370 | 2N-40 | BIO-SYNTHESIS OF SILVER NANOPARTICLES AND ITS USE IN POLYMER SOLAR CELLS | Edgar J. López-Naranjo | Adolfo A. Hernández-Castro |
| | 389 | 2N-41 | Uso de PVP para obtención de AgNPs vía síntesis asistida por microondas | Adolfo A. Hernández-Castro | Adolfo A. Hernández-Castro, José Bonilla-Cruz, Tania E. Lara-Ceniceros |
| | 396 | 2N-42 | INVESTIGATION OF NANOCOMPOSITES FILMS OF POLY(URETHANE UREA) WITH SILVER NANOPARTICLES FOR OLEFIN/PARAFFIN SEPARATION | Antoniell Carlos Campos | Antoniell Carlos Camillo Campos, Estela Mary de Sá, Gisele dos Santos Miranda, Marcia Cerqueira Delpech, Ricardo Antonio Francisco Machado, Rodrigo Azevedo Reis |
| | 399 | 2N-43 | Isolation and characterization of cellulose nanocrystals from agricultural waste of pineapple (Ananas comosus L. Merrill): use of corona leaves. | Rogelio Ramírez Casillas | Rogelio Ramírez Casillas, Andrea Presenda Gerónimo, Gloria Ivette Bolio López, Patricia de la Cruz Burelo, Florentina Dávalos Olivares, J. Jesús Vargas Radillo, Fernando Navarro |
| | 428 | 2N-44 | ORDENAMIENTO EN FILMS DELGADOS DE COPOLÍMERO BLOQUE BAJO CO ₂ SUPERCRÍTICO | Anabella Abate | Anabella A. Abate, Cristian M. Piqueras, Marcelo A. Villar2, Daniel A. Vega |
| | 101 | 2N-45 | BARRIER PROPERTIES OF POLYCAPROLACTAM COMPOSITES MELT MIXED WITH CARBON-BASED PARTICLES:EFFECT OF THE KIND OF | Raul Quijada | Raúl Quijada, Rodrigo Méndez, Benjamin Constant, Cristhian Garzon, Sonia Nachtiga Muhammad Nisar |
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