

Poster Session 2: BS, BT, IM

ChemPor-2023 Poster Presentations: Poster board, program code, presenting author and title.

Poster Board	Code	Presenting Author	Title
1	P BS-01	Lucília S. Ribeiro	Sustainable jet fuel production: assessment of reaction conditions in palmitic acid deoxygenation
2	P BS-02	João P. Santos	Studies on the hydrotropic enhancement of acetaminophen aqueous solubility
3	P BS-03	Arantxa Eceiza	Engineering of a recyclable crosslinked polyurethane with thermally reversible Diels-Alder adduct
4	P BS-04	Bruno Pereira	Innovative design of a more sustainable technology for microalgae protein recovery
5	P BS-05	Carlos A. Vega-Aguilar	Organosolv lignin extraction and characterization from three Costa Rican biomasses
6	P BS-06	Filipa A. Vicente	Lignin-Derived Covalent Adaptable Networks (CANs): A Sustainable Approach to Versatile Material Design
7	P BS-07	Aline Zambom	Ionic liquids for essential oils processing: Terpenes fractionation
8	P BS-08	Paula V. A. Pontes	Using COSMO-RS as a predictive tool to select potential deep eutectic solvents capable of dissolving lignin solubility and enhancing laccase activity
9	P BS-09	Raquel A. Fernandes	Grape stalks of <i>Vitis vinifera</i> L.: a renewable source for bio-based adhesives
10	P BS-10	Helena Ribeiro	Lycopene cream obtained by high-pressure homogenization of tomato waste
11	P BS-11	María Carpintero Pérez	Development of polymeric adsorbent materials from the agar industry for removal of organic dyes in wastewaters
12	P BS-12	Priyanka Kumar	Building a spent grain biorefinery using ionic liquids - with a focus on the extraction and valorisation of protein.
13	P BS-13	Mariana C. Costa	Determination of Kraft lignin solubility in Aprotic and Protic Ionic Liquids aqueous solutions
14	P BS-14	João Baixinho	Winery waste streams as potential natural pesticides
15	P BS-15	Vinícius de Paula	Recycling of poly(ethylene terephthalate) waste by efficient hydrolytic depolymerization with bio-based eutectic solvents
16	P BS-16	Diogo Martins	Liquified biomass utilization in water co-electrolysis for Synthesis gas production
17	P BS-17	Vahid Rahimi	Olive Stone-based Chemically Modified Carbon Adsorbents for Copper Adsorption
18	P BS-18	Julia González-Álvarez	Effect of activation conditions of carbons derived from pine sawdust on wood dye removal
19	P BS-19	Carla Fernández-Blanco	Medium chain fatty acids production from syngas by a co-culture of <i>Clostridium acetivum</i> and <i>Clostridium kluyveri</i>
20	P BS-20	Cariny Polesca	Response surface methodology approach for keratin recovery using a bio-based ionic liquid
21	P BS-21	Cecilia Naveira-Pazos	Recovery of carotenoids from <i>Yarrowia lipolytica</i> using biosolvents
22	P BS-22	João Joaquim	Obtaining liquid fuels by applying bifunctional catalysts in the Fischer-Tropsch process
23	P BS-23	Luísa H. Carvalho	Impact of storage conditions on the chemical composition of wine industry by-products
24	P BS-24	Katarzyna Morawa Eblagon	Towards sustainable valorization of industrial waste - catalysts derived from sugar cane molasses for upgrading glycerol to fuel additives
71	P BS-25	Anna Malaika	Production of 5-hydroxymethylfurfural from table sugar in water using bifunctional biochar catalysts
25	P BT-01	Mehriban Aliyeva	Solubility of amino acids: The effect of chaotropic anions
26	P BT-02	Khadidja Kebaili	Olive pomace extracts as antimicrobial agents for leather treatments
27	P BT-03	Liliana Fernandes	Development of acorn shell extract solid-in-oil-in-water (S/O/W) emulsion-based carriers envisaging cosmetic applications
28	P BT-04	Bojan Kopilovic	Gellable Aqueous Biphasic Systems as a Novel Strategy for mRNA Nasal Delivery
29	P BT-05	Joana S. Amaral	Exploiting winemaking residues as ingredients for cosmeceutical applications
30	P BT-06	Rosa Quinta-Ferreira	Potassium evoked ROS signals in mitochondria
31	P BT-07	Diana Amendoeira	Near-infrared spectroscopy analysis of bread: study of shelf life and correlation with microbiological analysis
32	P BT-08	Alexandra Teixeira	Analysis of bread using potentiometric electronic tongue: importance for quality control
33	P BT-09	Gabriela Vergara	Optimization of phenolic compounds extraction from Mountain Ash fruit pulp
34	P BT-10	Hellen F. Rodrigues	Extraction of phenolic compounds from <i>Sorbus aucuparia</i> tree leaves for use in food
35	P BT-11	Noa Miguez	Laccase mediated grafting of pine sawdust for oil spill recovery
36	P BT-12	Ana S.C. Marques	Development of an integrated process for the recovery and purification of recombinant messenger RNA vaccines resorting to bio-based ionic liquids
37	P BT-13	Patrícia Alves	Dextran-based hydrogel composites for tissue engineering
38	P BT-14	Laura Ferreiro Santos	Valorization of brewery spent grain to produce volatile fatty acids through acidogenic fermentation
39	P BT-15	Nuno Ferreiro	Predicting the shelf-life of extra virgin olive oil during storage at 22 and 50°C, using a kinetic modelling approach
40	P BT-16	Nelson Guerreiro Cortez Nunes	Metal-ion zeolites obtained by chemical and mechanochemical methods as Fenton-like catalysts for health applications
41	P BT-17	Matheus M. Pereira	Computer-Aided Identification of Trihalomethane Degradation by Haloalkane dehalogenase DhaA from <i>Rhodococcus</i> sp.
42	P BT-18	Ivanka Hambarliyska	Ultrasound-assisted synthesis of inulin esters with antimicrobial and anti-inflammatory activities
43	P BT-19	Priscila S. Corrêa	Urea as an alternative source of nitrogen for microalgae cultivation: effect on growth and biomass composition
44	P BT-20	Vânia F. Silva	Microencapsulation of biocide benzisothiazolinone: a promising technique for the improvement of its aqueous solubility

45	P BT-21	Catarina Almeida	In vitro evaluation of Avian Immunoglobulin Y (IgY) antibodies to fight infectious illnesses caused by Methicillin-resistance Staphylococcus aureus (MRSA)
46	P BT-22	Sofia S. Bernardoni	Extraction study of bioactive compounds from ginger by ultrasound an analysis of antioxidant action
47	P BT-23	Cecília R.C. Calado	Validation of a prototype of a miniaturized near infrared spectrometer on complex organic samples
48	P BT-24	Sofia Vaz	Interaction between Chlorella vulgaris and microplastic (PET) particles examined by optical and nuclear microscopy
49	P BT-25	Leonor S. Castro	Polymer-based aqueous biphasic systems as a tool for the recovery of protein-based biopharmaceuticals
50	P BT-26	Ana Barbosa	Application of PNA-FISH based-methods for bacterial detection and localization in biofilms
51	P BT-27	Maria S.M. Mendes	Development of efficient platforms for breast cancer biomarkers extraction resorting to ionic liquid-based aqueous biphasic systems
52	P BT-28	Rúben Araújo	Streamlining Bacterial Infection Diagnosis: Rapid Gram Classification Using FTIR Spectroscopy
53	P BT-29	Mariana I.S. Aguiar	Enhancing plastic waste recycling: Investigating the impact of additives on polymer degradation via laccase from Trametes versicolor
54	P IM-01	Jeferson Vicente	Development of chitosan/gum Arabic films using Pickering emulsions envisaging hydrophobic compounds incorporation
55	P IM-02	Liandra Gracher Teixeira	Emulsion-based drug carriers for timolol maleate envisaging glaucoma treatment
56	P IM-03	Larissa C. Ghirro	Structured foods based on Pickering emulsions as vitamin D3 vehicles
57	P IM-05	Leandro Lima Aquino	Hydrogel formation from Spirulina platensis biomass: screening of process variables
58	P IM-06	Cláudio M.R. Almeida	Luminescent responsive lanthanide-doped silica films for biogenic amines recognition
59	P IM-07	Maria Inês Roque	Development of a silica-based cryogel for the adsorption of perfluorooctanoic acid (PFOA) in water
60	P IM-08	Paula Plasencia	Ethosomes: an approach for bioactive plant extract preservation envisaging cosmetic applications
61	P IM-09	Tatiana B. Schreiner	Formation and stabilisation of oil-in-water nanoemulsions using binary emulsifier mixtures of Tribulus terrestris extract and Quillaja bark saponin
62	P IM-10	Dragomir Vassilev	Physicochemical characterization and functional properties of a pectic polysaccharide fraction isolated from celery tubers
63	P IM-11	Ayssata Almeida	Design of Functional Polymers and Sorption/Desorption Processes for the Valorization of Bioactive Compounds in Olive Leaf
64	P IM-12	Tiago J. Ferreira	Impregnating Ionic Liquids into a MOF: Assessment of the Cationic and Anionic Effects and Their Impact on Sorbent Properties
65	P IM-13	Zoyia Kamora	Wet-Spinning of Lignin-Nanocomposite Fibres for Stronger Carbon fibres Using Low-Cost Ionic Liquids
66	P IM-14	Talia A. Shmool	Rationally Developed Injectable Choline Chloride-Based Hydrogel Formulations for Controlled and Local Therapeutic Delivery Applications
67	P IM-15	Eliane Ayres	Rice Husks Biochar as Adsorbent for Removal Water Pollutants: The use of porous 3D printed supports
68	P IM-16	Marys L.B. Almeida	Activated biochar from acai seeds (Euterpe oleracea Mart): The use of polyurethane foam as adsorbent device for water treatment
69	P IM-17	Filipe Almeida	Continuous oscillatory flow reactor: effect of liquid flow rate on gas-liquid mass transfer in a gas-liquid-solid system
70	P IM-18	Francisco Garrett	Development of Bacterial cellulose composites for Food Packaging and Textiles