

XX Giornata della Chimica dell'Emilia Romagna (XX GdC-ER 2021)

ELENCO POSTER

- P01 **Rheological characterizations of hydroxyapatite slurries for bone tissue regeneration**, Zahid Abbas, UniBO
- P02 **Textile chemical sensors for healthcare monitoring**, Danilo Arcangeli, UniBO
- P03 **The water-energy nexus in a drinking water supply system**, Francesco Arfelli, UniBO
- P04 **Synthesis and characterization of NIR chromophores for plasmonic nanomaterials**, Caterina Baccini, UniPR
- P05 **Study on bioaccumulation of micropollutants in transitional waters' trophic network**, Andrea Baldi, UniFE
- P06 **Investigation of cisplatin/hyaluronan complex in an intracavitary film for local treatment of malignant pleural mesothelioma**, Sabrina Banella, UniFE
- P07 **Preparations of polylactic acid dispersions in water for coating applications and rheological response of the formulations with xanthan gum**, Giada Belletti, UniFE
- P08 ***In silico* screening of novel inhibitors of beta-lactamases**, Laura Bertarini & Donatella Tondi, UniMORE
- P09 **Lipid nanoparticles containing bile acids for the delivery of active ingredients: a preliminar study**, Agnese Bondi, UniFE
- P10 **Pharmacokinetic studies of eugenol, cinnamaldehyde and limonene**, Giada Botti, UniFE
- P11 **Selective synthesis of macrocyclic oligoesters (MCOS) by oxidative *N*-heterocyclic carbene catalysis**, Marco Bottin, UniFE
- P12 **Covalent dual conjugates targeting $\alpha\text{v}\beta_6$ integrin and tyrosine kinases toward the treatment of idiopathic pulmonary fibrosis**, Kelly Bugatti, UniPR
- P13 **Ambient synthesis of tricyclic naphthalenes via stepwise styryl-yne dearomative Diels–Alder cyclization**, Nicola Camedda, UniPR
- P14 **Recovery biomass to remove pollutants from wastewater**, Mirco Cescon, UniFE
- P15 **Fragment based and aptamer strategies to develop RAD51-BRCA2 disruptors and induce synthetic lethality**, Andrea Ciamarone, UniBO-IIT
- P16 **Simulating liquid crystal self-assembly of oligonucleotides**, Silvia Cristofaro, UniBO
- P17 **Addressing the Frenkel and charge transfer character of exciton states with a dimer-based model Hamiltonian: application to large aggregates of perylene diimide**, Yasi Dai, UniBO
- P18 **Fiber-reinforced calcium phosphate cement**, Maria Francesca Di Filippo, UniBO
- P19 **Development and formulation of naturally derived bioinks for 3D bioprinting application**, Luana Di Lisa, UniBO
- P20 **Discovery of novel spirocyclic compounds for the treatment of myocardial reperfusion injury**, Martina Fabbri, UniFE
- P21 **Design and synthesis of RAD51-BRCA disruptors to inhibit homologous recombination and achieve synthetic lethality in cancer cells**, Giovanni Ferrandi, UniBO
- P22 **Effects of *Moringa oleifera* leaf extracts on *Xanthomonas campestris* pv. *campestris***, Riccardo Fontana, UniFE
- P23 **Synergic activity of lignin and copper for a more sustainable agriculture**, Cristina Gazzurelli, UniPR
- P24 **Synthesis and catalytic activity of calix[6]arene-based gold(I) cavitands**, Gabriele Giovanardi, UniPR
- P25 **Molecular sensitizers for photo-3D printing of ceramic components**, Silvia Grandi, UniFE

- P26 **Expanding the toolbox of heterogeneous asymmetric organocatalysts: bifunctional cyclopropenimine superbases for enantioselective catalysis in batch and continuous-flow**, Costanza Leonardi, UniFE
- P27 **Lithium–oxygen battery exploiting highly concentrated glyme-based electrolytes**, Stanislav Levchenko, UniFE
- P28 **Electrochemical study of titanium hexacyanoferrate in inorganic and aqueous batteries**, Min Li, UniBO
- P29 **Stabilizer’s effect on Au nanoparticles activity for the selective oxidation of HMF**, Francesca Liuzzi, UniBO
- P30 **Pollution and exposome: search for biomarkers of effect**, Chiara Maccari, UniPR
- P31 **Using TXM and 2D-XRF for the identification of inhomogeneous state of charge in manganese hexacyanoferrate cathode material**, Mariam Maisuradze, UniBO
- P32 **Development of a new ligand based on amino-pyrimidine curcumin for theranostic applications**, Matteo Mari, UniMORE
- P33 **Green solid phase peptide synthesis: alternative solvent and base**, Alexia Mattellone, UniBO
- P34 **Cobalt-iron Prussian blue as overlayers for photoelectrochemical BiVO₄/WO₃ junctions**, Michele Mazzanti, UniFE
- P35 **Heterogeneous photocatalysis for the reductive transformation of halogenated pollutants**, Martina Milani, UniFE
- P36 **Novel electro-analytical approach for the detection and discrimination of cannabinoids in real samples extracts**, Alessandro Monari, UniMORE
- P37 **Carbon nanostructures decorated with cerium oxide as multi-functional electrocatalysts for CO₂ reduction**, Miriam Moro, UniBO
- P38 **Light-harvesting antennae based on copper indium sulfide (CIS) quantum dots**, Giacomo Morselli, UniBO
- P39 **PCR-free viral genome determination by electrogenerated chemiluminescence**, Pavlos Nikolaou, UniBO
- P40 **NBR/PEO nanofibrous membrane for enhancing interlaminar fracture toughness in CFRP laminates**, Jacopo Ortolani, UniBO
- P41 **Ibuprofen and ibuprofen-paracetamol conjugate polymeric nanoparticles for traumatic brain injury**, Ilaria Ottonelli, UniMORE
- P42 **A comparative study of tween and bsa on enzyme stabilizing effects in PLGA NMedS formulations**, Ilaria Ottonelli, UniMORE
- P43 **Biobased and biodegradable electrospun membranes enriched with carbon quantum dots for oil-spill cleanup**, Lucia Pesenti, UniBO
- P44 **Photocatalytic cross-dehydrogenative coupling of aryl-glycine mediated by mesoporous graphitic carbon nitride in green solvent: a route to indole-decorated non proteinogenic amino-acid**, Lorenzo Poletti, UniFE
- P45 **Cocrystallization proceeding through a metastable liquid: a thorough study via multi-techniques approach**, Michele Prencipe, UniPR
- P46 **Chemoenzymatic stereodivergent synthesis of all the stereoisomers of 2,3-dimethylglyceric acid methyl ester**, Francesco Presini, UniFE
- P47 **Synthesis and biological investigation of paclitaxel-bile acid hybrids**, Lorenzo Preti, UniFE
- P48 **Liposomal nanovectors for the diagnostic use of manganese: a preliminary technological study**, Walter Pula, UniFE
- P49 **A simple and industrially scalable method for making a PANI-modified cellulose touch sensor**, Ilaria Ragazzini, UniBO
- P50 **The impact of fluorine in the gelation ability of a shared scaffold**, Paolo Ravarino, UniBO
- P51 **Realization of electrically responsive nanofibers for artificial muscles**, Mariangela Rea, UniBO

- P52 **Optimizing termozolomide loading into PLGA-cholesterol nanoparticles for glioblastoma multiforme treatment**, Arianna Rinaldi, UniMORE
- P53 **Novel ligand modified PLGA nanoparticles for glioblastoma multiforme targeting**, Arianna Rinaldi, UniMORE
- P54 **Green approaches to design and synthesis of potential multimeric FAP specific chelators for theranostic applications**, Chiara Roccatello, UniFE
- P55 **A case study of CO₂ aerosol reactions: the efficient conversion of styrene oxide to carbonate in microdroplets conditions**, Caterina Rovegno, CNR-UniFE
- P56 **Design and synthesis of peptide-zeolite monolayers for inflammatory processes control**, Federica Santino, UniBO
- P57 **Electrochemiluminescent biosensor on BDD electrode**, Claudio Ignazio Santo, UniBO
- P58 **Bismuth complex of quinoline thiosemicarbazone restores carbapenem sensitivity in NDM-1 positive *Klebsiella pneumoniae***, Mirco Scaccaglia, UniPR
- P59 **Designing selective cys-ligands to unpair the binding of the human transcription enhancer associated domain 4 (hTEAD-4) with its modulators**, Lorenzo Tagliazucchi, UniMORE
- P60 **Aptamers as bioreceptors in analytical chemistry: a multitechnical assessment of aptamer-lysozyme interaction potentialities**, Lorenzo Toma, UniPR
- P61 **Separation and recycling of critical metals from industrial and municipal waste**, Gianluca Torta, UniBO
- P62 **Calix[4]arene receptors for bacterial strains and metabolites detection**, Eloisa Tosi, UniPR
- P63 **Functionalized gold nanoparticles as an anchor to detect covid-19 infection**, Giulia Turrin, UniFE
- P64 **Fine tuning the interactions between BODIPY dyes supported on a calix[4]arene**, Lucia Visieri, UniPR
- P65 **Rational drug design and synthesis of Trypanothione Reductase inhibitors for targeting leishmaniasis**, Eleonora Testi, UniBO