

Posters		
APC - D1 - F01	De Vos Evelyne	The Development of an analytical Method For assessing the Cornea-on-Chip as a predictive In Vitro Model for Ocular Drug Absorption
APC - D1 - F02	Nowak Izabela	Emulsifying Properties of Cetearyl Olivat and Sorbitan Olivat in Semi-Solid Cosmetic Matrices
APC - D1 - F03	Kadela Karolina	Advancing O-PTIR Spectroscopy for Sub-Zero Materials Analysis
APC - D1 - F04	Oleś Honorata	From Autofluorescence to Chemical Maps: Widefield FL-PTIR Imaging of Biological Tissues
APC - D1 - P01	Kugimiya Akimitsu	Development of paper-based analytical device for branched-chain amino acids
APC - D1 - P02	Chalkiadaki Olga	Comparative Study of Digestion Methods for Antimony Analysis in Certified Ore Reference Materials
APC - D1 - P03	Rinaldo Daniel	A Sustainable Strategy for High-Yield Resveratrol Recovery from Agro-Industrial Waste using Optimized MAE-NADES
APC - D1 - P04	Alves Cátia	Sedimentation kinetic of a textile adhesive
APC - D1 - P05	Lima Cleyryson	Development of tools in chemical metrology for standardization of the analysis of Brazilian hops.
APC - D1 - P06	Nosal-Wiercinska Agnieszka	Probing interfacial effects in bismuth(III) electroreduction using simple mercury-based electrodes
APC - D1 - P07	Laoufi Nardjess Rim	Assessment of the crystalline state of polymorphic pharmaceutical active ingredients in a forced degradation study utilizing seven recommended methodologies: application to carbamazepine
APC - D1 - P08	Tayari Faouzia Ep Iben Nassar	Predictive Acoustic Modelling of Sustainable Natural Fibers and 3D-Printed Architected Absorbers
APC - D1 - P09	Salingros Edouard	ShinyCDS: an open-source R-based software for reproducible processing of chromatograms
APC - D1 - P10	Crisóstomo Bezerra Costa Clara Andrezza	Study of the stability and degradation of the LQM330 molecule active against the Chikungunya virus (CHIKV)
APC - D1 - P11	Crisóstomo Bezerra Costa Clara Andrezza	Characterization of the LQM330 molecule by High-Performance Liquid Chromatography (HPLC), Gas Chromatography-Mass Spectrometry (GC/MS), and Fourier-Transform Infrared Spectroscopy (FTIR)
CAI - D1 - F01	Brea Oriana	Impact of Fast Mechanistic Studies in Industrial Setting
CAI - D1 - F02	Baets Peter	Addressing process challenges through AI: Biobased amine production in flexizyme

Posters		
CAI - D1 - F03	Kumari Geetu	In silico Engineering of Piezoelectric Biomolecular Assemblies
CAI - D1 - F04	Rodríguez Fileto	Understanding the Raman Spectra of Silica Prenucleation Clusters via Ab Initio Molecular Dynamics and Experiments
CAI - D1 - P01	Chandrasekar Aditi	Synergistic Hydrogen-Bonding and CO ₂ Activation: A Sustainable Metal, Halogen, and Solvent-Free Strategy
CAI - D1 - P02	Sheu Sheh-Yi	High-Performance Energy-Free Desalination
CAI - D1 - P03	Sigmund Lukas	BONAFIDE: A Python Package for Calculating Features for Atoms and Bonds in Molecules
CAI - D1 - P04	Motmans Brent	Predictive inorganic synthesis from small data using machine learning: size-controlled Cu nanoparticles
CAI - D1 - P05	Ganesan Krithika	Defect mediated surface modification of amorphous TiO ₂ surface using Grignard reagent in explicit solvation model
CAI - D1 - P06	Odai Kei	Theoretical study of the interaction between 3 α -hydroxysteroid dehydrogenase and androsterone
CAI - D1 - P07	Hobbs Christopher	Chemical Accuracy in Computational Prediction of PFAS-Cyclodextrin Binding: A Multi-Level SQM/QM Study with Experimental ITC Validation
CBF - D1 - F01	Luís Manuel Lopes Rodrigues da da Silva	Red fruits - medicinal plants functional beverage prototypes: integrating cell bioactivity, cultivar chemistry and human metabolic biomarkers
CBF - D1 - F02	Raffaello Nardin	Geographical fingerprinting of Wine: Multi-technique approach and signal masking effects
CBF - D1 - F03	Perveen Akhtar	Portable multiplex quantification of marine biotoxins via digital colour-encoded lateral flow platform utilizing shape-tailored gold nanoparticles
CBF - D1 - F04	Raquel Nunes Da Silva	In vitro testing of antifungal biocides against endophytic fungi of cork oak with potential phytosanitary application
CBF - D1 - F05	Francesco Cairone	From Mediterranean Agri-Waste to Functional Molecules for food packaging and dermo-cosmetic applications: Process-Driven Sustainable and Circular Chemistry
CBF - D1 - F06	Luís Manuel Lopes Rodrigues da da Silva	Chemistry-to-biology translation for functional fruit beverages: a comparative pipeline for Sorbus, Viburnum tinus and Rhus coriaria hot-water infusions
CBF - D1 - F07	Carmen Corea	Sustainable scale-up of fatty acids and polyphenols extraction from Spent Coffee Grounds
CBF - D1 - P01	Haris Majstorovic	Synthesis & structure-activity relationship study on a plant-derived glycoside that attenuates virulence in Pseudomonas aeruginosa

Posters		
CBF - D1 - P02	Jong Pil Park	Peptide Conformation Engineering on a Chitosan Nanowhisker-Graphene Oxide Interface Enables High-Performance Electrochemical Detection of Food Allergen
CBF - D1 - P03	Tshephiso Papo	Tuning the reactivity of N,N'-Pyridyl Palladium(II) complexes: A substitution kinetics and DNA/BSA binding study
CBF - D1 - P04	Konrad Barnowski	Synergistic cancer therapy targeting LAG-3&PD-L1 through co-administration of flavonoid and durvalumab
CBF - D1 - P05	Denys Bondar	Gold-Selenium carbenes in anticancer therapy
CBF - D1 - P06	Åshild Sørskår	Stereoselective Synthesis of 18F-Labelled Specialized Pro-Resolving Mediators
CBF - D1 - P07	Joana Amaral	Optimization of SPME-GC-MS for volatile profiling and botanical origin discrimination of Portuguese monofloral honey
CBF - D1 - P08	Roberta Cerasi Urban	Microplastics and Nanoplastics in Human Lung Cells: Size-, Polymer-, and Exposure Model-Dependent Cytotoxicity
CBF - D1 - P09	Nardjess Rim Laoufi	Development and validation of analytical performance of ICP-MS blood lead testing method using the ICHM10 new protocol for bioanalytical method.
CBF - D1 - P10	Catherine Amiens	Innovative Radiolabelled Magnetic Nanoparticles for Dual MRI/SPECT Imaging
CBF - D1 - P11	Haesong Sher	High-Throughput Serum Metabolomics for PFAS Toxicity- Method Development and Cohort Validation in Belgian Residents Near a PFAS Production Plant
CBF - D1 - P12	Francesco Cairone	Green Extraction of Pomegranate Peel Unlocks Ellagitannin-Driven Longevity Pathways
CBF - D1 - P13	Robert Cholewa	Pesticide Residues in Commercial Honey Samples: Application of a Validated Analytical Method and Chemometric Interpretation
CCS - D1 - F01	Ihar Mikhnavets	Solvent-free mechanochemical Suzuki-Miyaura Coupling
CCS - D1 - F02	Roman Larkovich	An electrogenerated base route towards the synthesis of transition metal NHC-ligated complexes
CCS - D1 - F03	Rebecca Sebers	Biomass-Based Monomers for Recyclable Polymers: A Pathway Toward Sustainable Chemistry
CCS - D1 - F04	Elisa Giovanna Faggioli	Upscaling nanocellulose in catalysis with novel in-flow applications for amino- and metal-driven reactions
CCS - D1 - F05	Hui Xu	Dual-Active-Site in Pt-Co/Z-HP catalyst via Strong Metal-Support Interactions for VOCs Oxidation

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CCS - D1 - F06	Elke Theeuwes	Getting all ducks in one row, unravelling the complexity of chemical recycling of hard-to-recycle plastics
CCS - D1 - P01	Lisa De Vriendt	The controlled transfer hydrogenation of muconates using Ru based catalysis
CCS - D1 - P02	Tomáš Čarný	Mechanochemical utilization of Reformatsky Zn-enolates in cross-coupling reactions
CCS - D1 - P03	Akbi Hamdane	Synergistic Graphene/CuO Coatings by an Intermittent Spray-Coating to Enhance the Thermal Decomposition and Performance of Ammonium Perchlorate
CCS - D1 - P05	Mauricio Boscolo	New strategies for catalytic conversion of sugarcane alcohols into valuable chemicals
CCS - D1 - P06	Marianna Angelo Tassioula	Exploring electrically addressable catalysts for CO ₂ valorization via dynamic catalysis
CCS - D1 - P07	Polyssena Renzi	Radical Cascade Sulfonylation/Cyclization of Benzenimidazole Derivatives with Sulfinates induced by Visible Light
CCS - D1 - P08	Elisabeth Gallmeier	Progress and challenges in electrocatalytic oxidation of nitrogen compounds
CCS - D1 - P09	Gabriela Zanelli	Role of Calcination Temperature of CuZnAl and CuZnGa Catalysts for CO ₂ Hydrogenation to Methanol
CCS - D1 - P10	Filippo Ravasio	Catalytic conversion of α-pinene to high value products
CCS - D1 - P11	Riku Saito	From Batch to Flow: Ammonia as a Weak Base for the Synthesis and Functionalization of Au, Pd, and Cu-NHC Complexes
CCS - D1 - P12	Tommaso Ruggiero	Digold photosensitizer for visible light [2+2] cycloaddition and E/Z isomerization reactions
CCS - D1 - P13	Angela Maria Kasza	CO ₂ hydrogenation over MOF-derived carbon-modified Copper catalysts
CCS - D1 - P14	Péter Kisszékelyi	Chiral Brønsted acid catalyzed mechanochemical stereoselective Povarov reaction
CCS - D1 - P15	Fuline Musengo Otomboy	Immobilized pincer ligand for cross-coupling reaction in flow
CCS - D1 - P16	Sophie Mansvelders	Potential of tubular continuous flow photoreactors for plasmonic photocatalytic reverse water gas shift process
CCS - D1 - P17	Monica Dan	Tuning the porosity and structure of the oxidic supports to enhance the catalytic efficiency

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CCS - D1 - P19	Maria Mihet	Influence of the MOF-derived carbon-type promoters on CO ₂ hydrogenation to methanol
CCS - D1 - P20	Birhan Tatal	Synthesis, Characterization, And Aggregation Properties Of Cobalt-Phthalocyanine
CCS - D1 - P21	Tristan Cabanis	Unravelling Surface Mechanism in Isopropanol Dehydration to Propylene: The Impact of Acid-Base Sites Strength and Nature
CCS - D1 - P22	Rebeca Molina Bueno	Nanostructured molybdenum sulphide encapsulated in carbon spheres as stable and efficient electrocatalysts for the hydrogen evolution reaction
CCS - D1 - P23	Lidón Arroyas	Engineering nanostructured molybdenum sulphides for effective photocatalytic H ₂ generation
CCS - D1 - P24	Markel Letona	Formic acid dehydrogenation catalysed by nanostructured molybdenum sulphides
CCS - D1 - P25	Jaime Cervera	NixCoy for RWGS: A composition study
CCS - D1 - P26	Ali Babar	Alkali-promoted iron-based catalysts for efficient and selective CO ₂ hydrogenation to light olefin: A Combined Mechanistic and DFT insights
EES - D1 - F01	Lin Ching_Hsuan	Activated Ester-Functionalized Poly(ethylene terephthalate) for Degradable Epoxy Thermosets and Recyclable Carbon Fiber Composites
EES - D1 - F02	Rigual-Miret Jordi	Photothermal/photocatalytic activation of peroxymonosulfate using SrFe ₁₂ O ₁₉ @Ni-P core@shell microparticles for energy efficient water remediation
EES - D1 - F03	Maria-Iuliana Chirica	Acid-modified MXenes as catalysts for upcycling PET by hydrolysis
EES - D1 - F04	Mata Patrícia	Valorization of Poly(methyl methacrylate) Waste through Pyrolysis
EES - D1 - F05	Vilariño Pol	Pollen-Based Photothermal Catalysts: A Sustainable Platform for Advanced Removal of Organic Pollutants and Microplastics
EES - D1 - P001	Anna Leo	Mechanistic insights into charge and energy transfer from first-principles calculations
EES - D1 - P002	Muhammad Aurang Zeb Gul Sial	Ultrafast Laser-Driven Fabrication of NiCoFe Carbides for Exceptional Oxygen Evolution Reaction
EES - D1 - P003	Vinicius Sarracini Santos	Fluorescent nanolignin for coupled sensing-reduction of hexavalent chromium in aqueous matrices
EES - D1 - P004	Dong Jin Suh	Dimethyl Ether (DME): From sustainable production to green applications in the low-carbon economy

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EES - D1 - P005	Jonathan Smelzer	The new HRAC Herbicide Mode of Action Classification 2026 - An Essential Contribution to sustainable Agrochemistry
EES - D1 - P006	Muhammad Zeeshan	Hydrophilic Bipyridine-Sulfonate Polymeric Colloids as Stable Redox Electrolytes for Aqueous Organic Flow Batteries
EES - D1 - P007	Hyun Young Jung	Overcoming trade-offs in thick sulfur cathodes for lean Li-S batteries
EES - D1 - P008	Yong Joon Park	Boosting Electrochemical Performance of LiFePO ₄ Through Carbon layer Control
EES - D1 - P009	Oumaima Aqil	Upcycling Industrial Solid Waste into a High-Efficiency Adsorbent for Sustainable Water Treatment
EES - D1 - P010	Andrii Kostyniuk	CO ₂ hydrogenation to ethanol over alkali-promoted trimetallic catalysts in a packed-bed reactor
EES - D1 - P011	Robert Guiu Sans	Development of plant growth-promoting bacteria with artificial humic acids capsules for enhanced agricultural sustainability
EES - D1 - P012	Aasif Khan	Engineering nitrogen-enriched covalent organic framework for carbon capture
EES - D1 - P013	Jordi Rigual-Miret	Synthesis of nickel-based catalysts for the (photo)thermocatalytic production of γ-valerolactone
EES - D1 - P014	Britt Segers	Entropy management of PLA: Novel state-based screening method for decision-support from feedstock to end-of-life treatment
EES - D1 - P015	Imam Hidayat Nurwahid	An integrated biorefinery approach for sustainable fuel production via low-pressure flow-through organosolv fractionation and catalytic lignin upgrading
EES - D1 - P016	Allan Niidu	Mechanically aided synthesis and application of catalyst for hydrogen generation
EES - D1 - P017	Mohd Shafiq Nasir	Toward selective detection of polycyclic aromatic hydrocarbons using microfluidics paper analytical devices
EES - D1 - P018	Nuria Martín	Pd-Imidate@SBA-15: A Multifunctional Heterogeneous Catalyst for the Aqueous Room Temperature Hydrogenation of CO ₂ to Formic Acid
EES - D1 - P019	Luca Mastroianni	Post-combustion CO ₂ capture using washcoated structured sorbents
EES - D1 - P020	Regina Silva	Development of 3D-Printed Composites of PLA Reinforced with Biomass
EES - D1 - P021	Hugo Vallet	Combining microwave-induced CO ₂ plasma with a carbon bed: optimizing conversion and energy cost

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EES - D1 - P022	Sajjad Hussain	First-Principles Insights into CO ₂ Reduction and the Competing HER on Transition Metal-Loaded Zr ₁₂ O ₁₂ Nanocages
EES - D1 - P023	Imelda Octa Tampubolon	Rapid mechanosynthesis of carbon-doped nickel sulfides for efficient evolution of hydrogen via water splitting
EES - D1 - P025	Lucas Elvira	Silica coating of PEM fuel cell Pt/carbon electrocatalysts to enhance durability upon operation
EES - D1 - P026	Changjoon Park	Improved Chemical Recycling of PET Derivatives: Enhanced Glycolysis via Morphology Control and Catalysis
EES - D1 - P027	Tayebeh Sharifi	Co-Doped BiVO ₄ Isotype Homojunctions for Enhanced Photocatalytic Water Treatment
EES - D1 - P028	Adriana Vulcu	Slurry Electrolysis for Sustainable Copper Recovery from Electronic Waste
EES - D1 - P029	Angela Kasza	Direct Electrochemical Processing of E-Waste for Sustainable Copper Recovery
EES - D1 - P030	Julia De Oliveira Primo	Antiviral Co-Doped ZnO Pigments: Solution Combustion Synthesis Using Aloe Vera Extract as an Alternative Green Fuel
EES - D1 - P031	Robert Pietrzak	Sustainable chitin carbons from <i>Hermetia illucens</i> pupal waste for ethylparaben removal
EES - D1 - P032	Emanuele Bassani	Influence Of The Grinding Conditions On The Particle Size Of Foam Powder
EES - D1 - P033	Robert Pietrzak	Carbon Adsorbents from Fennel and Caraway Seeds via Chemical Activation for Dexketoprofen Removal
EES - D1 - P034	Radka Guldanova	Supporting Environmental Remediation through the NanoEnvicZ Infrastructure: Development of Cyclodextrin-Modified Nanofibrous Membranes
EES - D1 - P035	Fileto Rodríguez	Establishing Raman spectral references for Climate- and Energy-Relevant Materials through ab initio dynamics and experimental tools
EES - D1 - P036	Benni Zou	Insights into Electro-oxidative Dehydrogenation of Aldehydes on Copper Foam
EES - D1 - P037	Albert Serrà	BiOI/SnO ₂ nanofibers for robust visible-light/PMS-driven multipollutant mineralization
EES - D1 - P038	Ali Haider	Development of hollow bimetallic catalysts supported on nanostructured carbons for sustainable PEM fuel cell electrodes
EES - D1 - P039	Arleth Gualle	Green synthesis of silver nanoparticles using plant extract for water disinfection

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EES - D1 - P040	Norbert Janowicz	Lumifilm: Luminescent downshifting films for improving photosynthetic efficiency of photobioreactors
EES - D1 - P041	Wouter Marchal	Assessment of biochar derived from <i>Urena lobata</i> fibers for use in PHA-based films
EES - D1 - P042	Hafiz Adil Qayyum	Ti ₄ C ₃ and Ti ₄ N ₃ MXenes for Next-generation sodium ion battery anodes
EES - D1 - P043	Kyung-Duk Zoh	Assessing PFAS Fingerprints and Precursor Burden in AFFF-Impacted Waters and Sediments
EES - D1 - P044	Tatinaidu Kella	Toward Sustainable Aromatics Production: Zeolite-Catalyzed Conversion of Biomass- and CO ₂ -Derived Alcohols
EES - D1 - P045	Bivas Chandra Roy	Efficient Hydrogenation of CO ₂ to Formate by Homogeneous Bidentate Phosphine-Rhodium System
EES - D1 - P046	Zulfiqar Ahmad Rehan	Closed-Loop Chemical Recycling of PET via Glycolysis: Preserving Structural, Thermal, and Molecular Integrity with Post-Consumer Waste
EES - D1 - P047	Amina Ouadah	Insight PET water bottles recycling through reactive extrusion: conditions and processing
EES - D1 - P048	Sameera Shafi	Ti ₂ C MXene-Driven EMSI in Cu-ZnO Catalysts for CO ₂ Hydrogenation to Methanol
EES - D1 - P050	Bruna Fernandes	Valorization of textile waste through enzymatic processes
EES - D1 - P064	Nazia Siddiqui	Upgrading date palm-derived organosolv lignin oil into cycloalkanes for sustainable aviation fuel (SAF) via Ni-based bifunctional catalysis
EES - D1 - P065	Ahsan Ali	Ni/LaMnO ₃ Perovskite Catalysts Promoted by Alkali and Alkaline Earth Metals for Green Hydrogen Generation via NH ₃ Decomposition
EES - D1 - P066	Ata Ur Rehman	Accelerated LiF/HCl Etching for Rapid MXene Synthesis Beyond Ti ₃ AlC ₂
IM - D1 - F01	João Rodrigues	Exploring bioinspired complex coacervates as carriers of cell-loaded liquid-core capsules for biomedical applications
IM - D1 - F03	Catherine Amiens	Easy access to ε-Fe ₂ N nanomaterials from Fe nanocrystals
IM - D1 - F04	Mujahid Mustaqeem	Circularly Polarized Spin Light Emitting Diodes from Chiral Two-Dimensional Superlattices
IM - D1 - P04	Ilán devroey	Ultrafast charge transfer and coherent phonons in electroactive organic cation-templated low-dimensional perovskite analogues

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IM - D1 - P05	Cruz Luís	Layer-by-Layer supramolecular assembly of boronic acid chalcone-containing biomembranes for pH-controlled complexation of catechol-rich polyphenols
IM - D1 - P06	Staes Thomas	Ti-based core-shell shaping for Ac-225/Bi-213 separation
IM - D1 - P07	De Meester Féline	Unraveling competing reactions in the synthesis of renewable α -methylene- γ -valerolactone
IM - D1 - P08	Concellón Alberto	Liquid Crystal Emulsions as Multifunctional Platforms for Soft Actuation and Adaptive Photonics
IM - D1 - P09	De Herdt Zoë	RENOVATE-PU: Recycle the non-recyclable by valorizing industrial chemical recycling techniques for polyurethane
IM - D1 - P10	Chiang Tzu Hsuan	Synthesis of phosphorus-sulfur containing Schiff base by Kabachnik-Fields reaction
IM - D1 - P11	De Turck Wannes	Structural mapping of photosalient B $\leftarrow$ N molecular crystals featuring intermediary dimer clusters
IM - D1 - P12	Mampaey Jasper	Development of radiation-stable and selective sorbent materials for direct Bi-213 generators
IM - D1 - P13	Pochet Corentin	Self-Assembled Polymer Heterojunctions for Solar to Hydrogen
IM - D1 - P14	Mineo Placido	Stability Enhancement of Polyetherimide under Harsh Space Conditions via Covalently Bound Self-Passivating Silica Layers
IM - D1 - P15	Ballesteros-Garrido Rafael	Metal ion-triggered Collapsed Hydrogels as new materials for bacterial population control
IM - D1 - P16	Lee Changyeon	Form-Factor Free, Liquid Crystal-based Gels for Biosensors
IM - D1 - P17	Pedrola Teixell Marina	Rational Design of Lignin-Derived Bio-based Plasticizers for Sustainable Polymer Applications
IM - D1 - P18	Balaba Nayara	Sustainable Anticorrosive Pigments from Mussels Shell By-Products
IM - D1 - P19	Nicosia Angelo	A curcumin-extract-containing copolymer as an optical sensor for volatile amines in smart food packaging applications
IM - D1 - P20	Claesen Brian	Phosphorylated lignin residues as a filler material for HDPE composites
IM - D1 - P21	Sergio Moles Quintero	Engineering Indenofluorenes with Controlled Diradical Character and Excited-State Aromaticity toward Singlet Fission

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IM - D1 - P22	Semih Macit	Dual crosslinked printable chitosan/PEG/ γ -cyclodextrin hydrogels with tunable rheological properties
IM - D1 - P23	Abdous Slimane	Lightweight Energetic Polymers for Next-Generation Ammunition
IM - D1 - P24	Chabane Houssém	Ionic liquids: A new way in the preparation of sustainable PBSA nanobiocomposites
IM - D1 - P25	Abdul Rahim Mohammed Siddiq	Interfacial Effects of Monomeric and Dimeric Surfactants in Waste-Oil Microencapsulation for Advanced Self-Healing Materials
MDR - D1 - F01	Martin Gill	Green(er) synthesis of MLCT-emissive ruthenium(II) polypyridyl complexes
MDR - D1 - F02	Luiz Carlos Silva-Filho	Anthrazoline derivatives as photoinitiators for photopolymerization reactions: studies about the synthesis and application.
MDR - D1 - F03	Tristan Mairath	Design of chiral ligands based on the reaction of α -functionalized lithium alkyls with iminium salts
MDR - D1 - F04	Miriam Gulman	Molecular design of peptidic ligands for cortactin-SH3
MDR - D1 - F05	Oleksandr Liashuk	Synthesis and application of alkylstannatranes: Versatile precursors for C(sp ³)-C(sp ²) cross-coupling
MDR - D1 - F06	Mina Bathen	Synthesis of n-3 Polyunsaturated Docosahexaenoic Acid-Like Methoxylated Ether Lipid
MDR - D1 - P01	Rinaldo Poli	How do acrylate radicals terminate? New evidence to settle a never-ending debate
MDR - D1 - P02	Josefine Brindöpke	Verification, Falsification and Revision of the Constitution and Configuration of Daucane Sesquiterpenoids Based on Total Synthesis and X-ray Crystallography
MDR - D1 - P03	Francisco García Cirujano	Green ionic metal-organic frameworks as nanocatalysts for CO ₂ fixation
MDR - D1 - P04	Mara Schöler	Why can we deprotonate methylsiloxanes with the combination of t-BuLi and TMEDA?
MDR - D1 - P05	Felix Friedt	Development of synthetic methods for terpyridine-based solid molecular catalysts
MDR - D1 - P06	Rita Skoda-Földes	Coordination chemistry of a ferrocenyl terpyridine-like ligand: electrochemical sensing of metal ions
MDR - D1 - P07	Oleksandr Liashuk	Synthesis and physicochemical assessment of cis-RF substituted cyclobutane derivatives

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MDR - D1 - P08	Yong Rok Lee	Rh(III)-Catalyzed [3+2] Annulation via C(sp ²)-H Activation for the Synthesis of Pyrimidinyl-Embedded Pyrrolo[3,4-b]indoliones
MDR - D1 - P09	Lina Filla	OLED Material by Late-stage Functionalization of Hexa-peri-benzocoronene-fluoranthene Hybrid Directed by Dynamic Inversion of Helicity
MDR - D1 - P10	Yuming Chen	Enhancing organic electrochemical transistor performance through synthesis of polythiophene with carbonyl ester-bridge ethylene glycol side chains and investigating extended conjugation effects
MDR - D1 - P11	Anamaria Hanganu	Synthesis and hosting ability of dynamic N-acylhydrazone-based macrocycles
MDR - D1 - P12	George Costache	Multistate photoswitches containing arylazopyrazole and N-acylhydrazones units
MDR - D1 - P13	Giulia Marcolli	Innovative hydrophilic ligands for the selective recovery of Am(III) from spent nuclear fuel
MDR - D1 - P14	Martin Blavier	Single-Molecule Force Spectroscopy of a Trefoil Knot Gated by a Diels-Alder Mechanophore
MDR - D1 - P15	Clara Schmitt	A Diastereoselective Synthesis of small α Calix[4]pyrrole Building Blocks
MDR - D1 - P16	Janos Wasternack	A Scalable and Resource-Saving Synthesis of Dipyrrromethanes and Tetrapyrroles - Minimal Polymer Formation and Facile Purification
MDR - D1 - P17	Oleksandr Grygorenko	Bicyclic 1,4-Dioxepanes - Novel Advanced Building Blocks for Drug Discovery
MDR - D1 - P18	Oleksandr Grygorenko	Stability of Heteroaromatic Sulfonyl Chlorides and Fluorides
MDR - D1 - P19	Letícia D. Costa	Novel 2-pyridyl functionalized thiazolo[5,4-c]isoquinolines as selective chemosensors for metal cations
MDR - D1 - P20	Leha Dmytro	Difluoromethoxy Group as a New MedChem Handle
MDR - D1 - P21	Guillermo Gallardo Vásquez	Synthesis and Characterization of The Silver (I) Tranexamate Complex With Potential Antibacterial Activity
MDR - D1 - P22	Sourav Kumar	Synthesis of Diverse Allylic Sulfone Derivatives via Sequential Hydroxylation of 1,3-Enynes
MDR - D1 - P27	Mohammad Usman	Catalytic ammonia oxidation mediated by high-spin Fe(III) complex: combined experimental and DFT study
RC - D1 - F01	Sanjiv Prashar	Transforming chemistry education for the green transition: a competence-based European approach

Posters		
RC - D1 - F02	Vera Meynen	Implementing sustainability competences and practices at Quy Nhon University, Vietnam.
RC - D1 - F03	Iwona Maciejowska	The ECTN Eurolecturer Academy: A European Platform for Teaching Innovation and Professional Development in Chemistry Higher Education
RC - D1 - F04	Silke Fähnemann	Educating Future Chemists for Sustainable Transformation: Digital and Competency-Based Approaches across Vocational and Higher STEM Education
RC - D1 - F05	Dorien Baeten	Sustainability Hackathon: Bridging the Gap between Higher Education and Society

Posters		
APC - D2 - F01	Scovacricchi Teresa	Graph-Based Clustering of Isotopic Patterns in High-Resolution MALDI-MSI Using Matrix Distances
APC - D2 - F02	Pacchione Guglielmo	High-Sensitivity UHPLC-MS/MS Multi-Residue Analysis of Pharmaceuticals in Aquatic Systems: Methodological Advances for Environmental Risk and AMR Assessment
APC - D2 - F03	Piscitelli Fabiana	"Integrating LC-MS and maldi-2 MS imaging to map brain region specific distribution of endocannabinoids and their congeners"
APC - D2 - F04	Sule-Ogli Ada Florence	Spatial Distribution, Bioaccumulation and Human Health Risk Assessment of Heavy Metals in Urban Topsoil and Neem (Azadirachta indica) Bark in Makurdi, Benue State Nigeria
APC - D2 - F05	Jeonghun Kim	TiO ₂ -Supported Ru-Fe Catalysts for the Hydrodeoxygenation of Bis(2-hydroxyethyl) Terephthalate (BHET) Prepared by the Glycolysis of Polyethylene Terephthalate (PET)
APC - D2 - P01	Miljanic Snezana	Silver and gold nanospheres for SERS-based detection of G-quadruplexes
APC - D2 - P02	Orteza Khianne Ed Miguel Pajarillo	Interactions of engineered silica nanoparticle-bound PFOA: adsorption and toxicological effects on pulmonary health
APC - D2 - P04	Hussain Abrar	Ratiometric Fluorescence and Chromogenic Probe for Ultra-Trace Detection of Selected Transition Metal Ions
APC - D2 - P06	Kim Yong-Kyoung	Determination of antimony species and analysis in various food using ICP-MS
APC - D2 - P07	Kaur Tarnveer	Thermodynamics studies of L-threonine in aqueous 1-butyl-3-methylimidazolium chloride solutions over the temperature range T = (288.15-318.15) K
APC - D2 - P08	Verdin Alexandre	Controlling Gold Nanoparticles Aggregation in Continuous Flow Microreactor for Robust Production of Ultrasensitive NIR SERS Nanotags
APC - D2 - P09	T Phanrang Pynskhemborlang	Synergistic modulation of anticholinergic and antioxidant features of Alzheimer's disease drugs adsorbed on tunable graphene oxide surface
APC - D2 - P10	Panda Soumya Ranjan	Spacer-mediated Interplay of Triplet Excitons in Delayed Fluorescent Emitters
APC - D2 - P11	Smolíková Vendula	Analytical strategy for speciation-resolved monitoring of labile arsenic using passive sampling and HPLC-ICP-MS
APC - D2 - P12	Gabbricci Giulia	Thermotropic and thixotropic lipid based nanocarriers: structure, rheology and phase behaviour
APC - D2 - P13	Brum Malta Luiz Fernando	Cyclodextrin-coumarin complexes as corrosion inhibitors of carbon steel 1020 in acid medium
CAI - D2 - F01	Ekmekci Cumhur Gokhan	Structure-based discovery of NLRP3 inflammasome inhibitors: an integrated computational approach combining virtual screening, molecular dynamics, and binding free energy calculations

Posters		
CAI - D2 - F02	Ekmekci Cumhur Gokhan	Structure-based identification of novel USP7 inhibitors targeting the p53-MDM2 axis: a computational approach for anticancer drug discovery
CAI - D2 - F03	Leherte Laurence	Mimicking the effect of displacement parameter and crystallographic resolution on the topology of electron density distributions: application to non-covalent interactions
CAI - D2 - F04	Lipin Raju	How Subsurface Carbon Affects Hydrogen Interactions at Transition Metal Electrodes
CAI - D2 - F05	Hruška Eugen	Bridging chemical property explainability between chemistry and machine learning
CAI - D2 - F06	Sulkova Katarina	FNDMC as a tool for quantifying static and dynamic electron correlation in complex systems
"CAI - D2 - F07"	Andrae Dirk	Accurate property data for small molecules from theory
CAI - D2 - F08	Suñer-Rubio Adrián J.	Control of quantum entanglement and electronic coherence in attosecond molecular photoionization
CAI - D2 - P01	Sheu Sheh-Yi	Molecular quantum computer
CAI - D2 - P02	Verheyen Seppe	Towards circular design of thermoset polyurethanes: harnessing molecular dynamics and density functional theory for the depolymerization reactivity
CAI - D2 - P03	Jiang Yifan	Complex absorbing potentials for density functional theory
CAI - D2 - P04	Andrae Dirk	Accurate property data for small molecules from theory
CAI - D2 - P05	Wittemann Tobias	Dissociative electron attachment to building blocks of DNA studied by ab-initio molecular dynamics with complex absorbing potentials
CAI - D2 - P06	Adriano Silva	Weak Global Correlations, Hidden Local Trends: Regime-Aware Analysis of Biochar Synthesis-Property Data
CBF - D2 - F01	Justine Kapp	Quinoline based luminescent imidazolium salts as vector for gene therapy
CBF - D2 - F02	Oana Grad	Designing Antibacterial Materials Using Cysteine
CBF - D2 - F03	Haris Majstorovic	Synthesis & structure-activity relationship study on a plant-derived glycoside that attenuates virulence in Pseudomonas aeruginosa
CBF - D2 - F04	Chang-Hyung Choi	Biomimetic aqueous-core hydrogel microcapsules for spatially organized enzymatic cascade reactions

Posters		
CBF - D2 - F05	Catarina Maria	Design and synthesis of novel sugar-based antibacterial agents against Gram-negative bacteria
CBF - D2 - F08	Luca Pozzi	Cannabizetol: discovery of a new cannabinoid
CBF - D2 - P01	Lu-Sheng Hsieh	Molecular characterization of Dendronephthya gigantea phenylalanine ammonia-lyase
CBF - D2 - P02	Julie Dullier	Crystallization-assisted and Mechanoenzymatic Synthesis of Chiral Amines Using Transaminases
CBF - D2 - P03	Aurel Tăbăcaru	New water-soluble La(III) and Ce(III) complexes as structurally defined candidates for anticancer applications
CBF - D2 - P04	Dongyun Shin	Development of Novel JAK Degraders via PROTAC Technology
CBF - D2 - P05	Eva Müller	Hydrotrope-Modulated AGA Hydrogels as Sustainable Nanocarriers for Molecules of Different Hydrophobicity
CBF - D2 - P06	Prashant. B Singh	Combined Computational & Experimental Approach to Design & Synthesize New Molecules Having Anti-Tuberculosis Properties
CBF - D2 - P07	Lili Becera	Physicochemical Characterization and In Vitro Digestibility of Cocoa Pod Husk Extract for Application in Edible Gums
CCS - D2 - F01	Maarten Mulier	Nanopatterned chemically modified carbon surfaces for carbohydrate valorization
CCS - D2 - F02	Patrick Lechner	Spin frustration and its role in stability and reactivity of first-row transition metal MOFs
CCS - D2 - F04	Jean Cedric Madrigalejo	Covalent functionalization of carbon surfaces with phenyl sulfonic acid for nanostructured, bifunctional catalysts in biomass chemical transformations
CCS - D2 - F05	Milda Tomy	Beyond Catalyst Immobilization: Engineering Local Proton Donor Microenvironments for CO ₂ Electroreduction
CCS - D2 - F07	Leon Schidowski	Theoretical and experimental investigations of acetal formation during the oxidation of xylose to formic acid catalysed by H5PV2Mo10O40 in methanolic-aqueous solution
CCS - D2 - P01	Çağla Akkol	Photocatalytic Performance of Phthalocyanine-Based Catalysts in the Degradation of Chlorophenols
CCS - D2 - P02	Hui Xu	Triple-Active-Site Synergy in Cu-Doped ZIF-8 Derived Carbons Enabling Highly Efficient Hydrogen Production
CCS - D2 - P03	Ismail Uzunel	Triazole groups substituted co(ii) and mn(iii) phthalocyanines coated c1018 alloy surfaces

Posters		
CCS - D2 - P04	Ismail Uzunel	Synthesis, Characterization, and Chemometric Optimization of a DLLME Method for Cu ²⁺ Determination Using Metal Free Phthalocyanine
CCS - D2 - P05	Igor Djerdj	Photocatalytic CO ₂ Reduction under Visible Light Using Ordered and Disordered Ceria-Zirconia-Based Catalysts
CCS - D2 - P07	Dipanjana Sarkar	Redox-Active Ligand-Driven Oxygen Evolution by Molecular Cobalt(III) Catalyst
CCS - D2 - P08	Raphaël Delogne	Cell-in-Series Testing as an Accelerated Tool for Predicting Performance and Component Degradation in Flow Batteries
CCS - D2 - P09	Hamed Pourzolfaghar	From Ion Transport to Electron Storage: Rethinking the Fundamentals of Electrochemical Energy Storage
CCS - D2 - P10	Hsiao-Ching Lin	From Isoprene Units to Bioactive Architectures: Mechanistic Insights into Isoprenoid Biosynthesis
CCS - D2 - P11	Vitaliy Masliy	From furfural to 1,4-pentanediol, exploring an uncommon product of furfural hydrogenation.
CCS - D2 - P12	Anna Lo Presti	Transforming Ionic Cocrystals into Next-Generation Ionic Carbon Nitrides for Solar Fuel Production
CCS - D2 - P13	Umut Kilic	Titanocene-Catalyzed Hydrosilylation of Oxetanes
CCS - D2 - P14	Lennart Hanz	Discovery of new catalysts for the radical arylation reaction by predictor-based cyclic voltammetry (CV) screening
CCS - D2 - P15	Cathal Kelly	Carboxylic Acid-Based Carbon-Carbon Cross-coupling by Radical Decarboxylation's in Continuous Flow
CCS - D2 - P16	Jin Hyung Lee	Electrochemical conversion of kenaf biomass to glucose: Role of Reactive chlorine species on dimensionally stable anodes
CCS - D2 - P17	Vicent S. Safont	Density functional theory exploration of Mo ₃ S ₄ cluster-catalyzed phenyl acetylene hydrogenation in the presence of acrylonitrile
CCS - D2 - P18	Serhii Tkachenko	Perovskite-type lanthanum cobalt oxide powders synthesized by reactive milling
CCS - D2 - P19	Konstantin Woitol	Dihydroquinazolinones by titanocene catalyzed reductive radical addition to quinazolinones
CCS - D2 - P20	Niklas Schmidt	Cross electrophile coupling of unstabilized epoxides by Ni&Ti cooperative catalysis
CCS - D2 - P21	Gabriel Lopes	Conversion of CH ₄ and CO ₂ into acetic acid: the potential of montmorillonite as a catalyst

Posters		
CCS - D2 - P22	Claire Bradley	Copper(II)-based Metal-Organic Materials as Catalysts for the Hydrogen Evolution Reaction
CCS - D2 - P23	Matilde Onofri	Tuning heterogeneous catalysts for the depolymerization of polyurethane waste
CCS - D2 - P24	Jakob Albert	Efficient Catalytic Hydrogenolysis of Glycerol to 1,2-Propanediol Using a Selective Multifunctional Nanotube-Supported Catalyst for developing a SMART Multiphase Reactor
CCS - D2 - P25	Marcela Achimovičová	Alternative mechanochemical route for producing silver powder from silver salts
EES - D2 - F01	Vantomme Christine	Shining Light on Plasma Catalysis: Transparent DBD Reactors for CO ₂ Conversion
EES - D2 - F02	Matos Renata	Towards Greener Energy: Bio-Based Alternatives for Sodium-Ion Battery Components
EES - D2 - F03	Baláž Matej	Rapid combustive mechanochemical synthesis of metal chalcogenides for energy conversion applications
EES - D2 - F04	Da Silva Jaques João Pedro	Pt-Ru based nanomaterials enabling coupled cathodic hydrogen evolution and anodic formaldehyde oxidation in fuel cell systems
EES - D2 - F05	Nan Lan	Enhancing photosynthetic light utilisation with wavelength-shifting polymer films
EES - D2 - F08	Postole Georgeta	New insights in the tricky reaction of isopropanol dehydration to propylene
EES - D2 - F09	Templ Johanna	Decoding Mechanochemical Drivers: Experimental Isolation of Single Impact, Cumulative Energy, Aging and Liquid-Assisted Grinding Effects in Organic Mechanosynthesis
EES - D2 - F10	Lee Jaewon	Electrophilic Additive-Mediated Chemical Recycling of Trithiocarbonate-Terminated PMMA at High Polymer Concentrations
EES - D2 - P001	Anthony Sanderse	From materials development to system integration: photoanode surface activation and validation of a continuous-flow PEC device for efficient solar hydrogen production
EES - D2 - P002	Abdeldjalil Aimen Kaidi	Comparative study on the inhibitory effectiveness of plant extracts against corrosion of a metal alloy
EES - D2 - P003	Keikhosro Karimi	Electrified Adsorptive Separation of Fermentative Iso-Butyric Acid
EES - D2 - P004	Sofia Caldas	Optimization of TPU Recycling Processes used in the Ceramic Industry
EES - D2 - P005	Pavčina Konopáčová	Functionalized Cyclodextrin Materials for Advanced PFAS Removal

Posters		
EES - D2 - P006	Albert Serrà	Pollen-Templated Cu and Ni@Cu (Photo)Catalysts for Sustainable Degradation of Pharmaceutical Pollutants
EES - D2 - P007	Evelina Colacino	Impactive: european mechanochemists develop greener pharmaceuticals
EES - D2 - P008	Alexandra Lacoban	Enhancing Hydrogen Production and CO ₂ Photoreduction Efficiency Using 1D TiO ₂ based Materials
EES - D2 - P009	Valerie Theuns	Novel BaTiO ₃ - and BaFeO ₃ -Based Electrode Materials for SOFCs
EES - D2 - P010	Andrea Casagrande	Mechanochemical Amidation for Sustainable Agrochemical Synthesis
EES - D2 - P011	Antonio Monopoli	Photocatalytic homocoupling of benzylamines under ambient and green conditions using naturally derived photocatalyst and solvent
EES - D2 - P012	Yakubu Wudil	Metallic Cu–Ni nanoinclusions for simultaneous electrical enhancement and thermal suppression in Bi ₂ Te ₂₋₇ Se ₀₋₃ thermoelectric thin films
EES - D2 - P013	Mzamo Shoji	The influence of incorporating alkaline metals on alumina for xylitol hydrogenolysis over Ni catalysts
EES - D2 - P014	Xingyu Li	Tailoring the Interfacial Microenvironment: Hydrophilic/Hydrophobic and Cationic Effects on CO ₂ Reduction Selectivity
EES - D2 - P016	Hyun Young Jung	3D Laminated Graphene Photodetectors for Non-Contact Monitoring of Greenhouse Gases
EES - D2 - P017	Davin Cronly	Continuous flow electrochemical oxidation of NaBr for the in-situ generation and telescoped utilisation of Br ₂
EES - D2 - P018	Penny Govender	A first principles study of heterostructure Ru/ClF for potential use as anode in Li ion batteries
EES - D2 - P019	Yasmin Edañol	Alkalinity-Dependent Structural Features and Cr(VI) Adsorption of One-Pot Synthesized Ca–Al Layered Double Hydroxides
EES - D2 - P020	Helder Van Poyer	Repurposing a commercial plasma spraying torch: quenching by turbulence, for efficient CO ₂ conversion
EES - D2 - P021	Eva Mueller	Strategies for Environmentally Friendly Solvent Media
EES - D2 - P022	Robbe Bryssinck	Plasma-based CO ₂ conversion: scaling from lab to industry towards continuous CO production
EES - D2 - P023	Lole Jurado	Highly Dispersed Cu on CeO ₂ -Al ₂ O ₃ via a Novel Synthesis Route for Efficient Selective Hydrogenation of HMF

Posters		
EES - D2 - P024	Khianne Ed Miguel Orteza	Fouling-resistant metal-organic framework monoliths for pharmaceutical water treatment
EES - D2 - P025	Sue-Faye Ng	Carbon nitride allotropes for Photo(electro)catalytic reactions
EES - D2 - P026	Oriana Calderón	Effect of Ni Loading and Fe Promotion in NiFe–N–C Catalysts for CO ₂ Electrolysis
EES - D2 - P027	Lutz Burow	Recyclable plastics from bio-based monomers
EES - D2 - P028	Marco Taddei	A water-based synthetic route to the metal-organic framework UiO-66 starting from PET derived terephthalate esters
EES - D2 - P029	Daniel Modafferi	Electrical characterization of a microbially produced, highly conductive MOF material
EES - D2 - P030	Miren Ugarriza	Ni-based catalyst deactivation in the dry reforming of HDPE pyrolysis volatiles
EES - D2 - P031	Jin Hyung Lee	Efficient and sustainable production of calcium carbonate from oyster shell waste: A carboxylic acid-mediated green processing approach
EES - D2 - P032	Kevin Keller	Reactivity of Dioxygen and Hydrogen Peroxide with Macrocyclic Iron Complexes
EES - D2 - P033	Rocco Cancelliere	Diverse Recycling Pathways of Graphitic Anode Materials for Advancing Sustainable Battery Technology
EES - D2 - P034	Katrin Santin	Valorisation of HDPE by pyrolysis and in-line catalytic cracking with metal-modified ZSM5 zeolite
EES - D2 - P035	Miren Ugarriza	Thermodynamic assessment of the joint valorization of CO ₂ and waste plastics by pyrolysis and in line combined reforming for syngas production
EES - D2 - P036	Zara Cherkezova-Zheleva	Sustainable Protocol for Direct Reuse of Platinum Group Metals from Spent Automotive Catalysts
EES - D2 - P037	Joseph Parkinson	Sustainable mechanochemical synthesis of Molybdenum and Tungsten dichalcogenides for the Hydrogen Evolution Reaction
EES - D2 - P038	David Barker	Preparation of cellulose-based adsorbents for eradication of pollutants in water
EES - D2 - P039	Thamer Gouasmia	Design and Characterization of New Eco-Friendly Nitrobenzoxazine Polymers with Energetic Potential
EES - D2 - P040	Mohammed Seddik Razali	Experimental Investigation of Antibacterial Properties and Mechanical Performance Enhancement of Sintered Seashell-Reinforced Poly(lactic acid) and Poly(butylene succinate) Biocomposites Planned for 3D Printing

Posters		
EES - D2 - P041	Hifsa Khurshid	Optimization of the polycyclic aromatic hydrocarbons (PAHs) removal process in wastewater using MXene-supported activated carbon (MX-AC) material
EES - D2 - P042	Daouia Ingrachen	Synthesis and Characterization of Sol–Gel–Derived Co/SiO ₂ Nanocomposites for Electrochromic Applications
EES - D2 - P043	Zulfiqar Ahmad Rehan	Development of a Superhydrophobic Nonwoven Polyester Membrane for Efficient and Scalable Oil-Water Separation: Eco-Friendly Fabrication and Performance Evaluation
EES - D2 - P044	Abdullah Bafaqeer	Fabrication of 2D/1D S-scheme Pg-C3N4/Ag3VO4 nanocomposite with high interfacial charge separation for Highly Selective Photoconversion of CO ₂ into Fuels
EES - D2 - P046	Muhammad Usman	Electrochemical CO ₂ Conversion to Formic Acid Using Bismuth Nanoparticle Electrocatalysts
EES - D2 - P047	Tahir Rasheed	Polyaniline/nanocellulose/ MXene hybrid nanocomposites as greener and sustainable electrocatalysts for efficient oxygen evolution reaction
EES - D2 - P048	Mduduzi Cele	Conversion of CO ₂ to value-added products over a Ca and Cu modified UiO-66 catalyst
EES - D2 - O07	Xiaopan Xue	Liquid–Solid Phase Separation-Assisted Direct CO ₂ Capture from Air with A New System
IM - D2 - F01	GuanLin Wu	Impact of acceptor strength and backbone planarity on the charge transport of D-A conjugated polymers
IM - D2 - F02	Brent Van Ballaer	Applying dissociative chemistry to obtain gradient hydrogels
IM - D2 - F03	Michal Rezanka	Cyclodextrin-Based Sorbents for Water Remediation
IM - D2 - F04	Guangyuan Feng	In-situ Growth of Bilayer COF Heterojunctions for Memristor Devices
IM - D2 - P01	Wytrych Patrycja	Can POSS be used as radiative cooling materials?
IM - D2 - P02	Germonpré Stijn	Structural Diversity in γ-CD-MOFs: Two New Polymorphs
IM - D2 - P03	Saka Ece Tugba	Surface characterization and daylight-activated antibacterial performance of zn(ii) Phthalocyanine-coated Titanium
IM - D2 - P04	Corea Carmen	Nanocellulose extraction and valorization from Spent Coffee Grounds for primary and secondary packaging
IM - D2 - P05	Victor Freitas	Understanding the Molecular Interaction Mechanisms of Wine-Waste Pigments and Biomordants to Produce Dyed Sustainable Wool Textiles

Posters		
IM - D2 - P06	Katsantonis Spyridon N.	Dependence of the optical properties of solid-state fluorescent carbon dots on temperature
IM - D2 - P07	Graulus Geert-Jan	Heparin-binding domains in elastin-like proteins: a way towards improved tissue integration?
IM - D2 - P08	Cataldini Simone	Bridging photoswitch and fluorescence features in artificial amphiphiles for membrane dynamics in liposomal vesicles
IM - D2 - P09	Gomes Clara S. B.	Zinc-based BIAN complexes and Hydrogen-Bonded Organic Frameworks: sustainable photocatalysts for water-splitting hydrogen production
IM - D2 - P10	Wolfson Adi	Heterogenization of metal catalyst on carrageenan polysaccharides for sustainable synthesis
IM - D2 - P11	Elabed Makram	From Waste to Value-Added Polymers: Chemical Transformation of PET into Eco-Friendly Copolyesteramides
IM - D2 - P12	Escorihuela López Enrique	Molecular templates as platforms for controlled surface fabrication of molecular electronic devices
IM - D2 - P13	Steinbrugger Magdalena	Greener synthetic strategies toward small-molecule organic semiconductors
IM - D2 - P14	Nguyen Dien Duy	Fabrication of Robust Films of Electrochromic Materials: Towards Smart Device Applications
IM - D2 - P15	Lee Hye Sun	Effect of PVA Concentration on the Morphology and Characteristics of Hydroxyapatite Microspheres Prepared by Spray Drying
IM - D2 - P16	Orteza Khianne Ed Miguel Pajarillo	Upscaling the exfoliation process of montmorillonite for epoxy nanocomposites
IM - D2 - P17	Bicil Zeynep	Experimental investigation of hydrogen storage in defective fullerenes
IM - D2 - P18	Doğan Mehmet	Lithium-induced defect design in fullerene structures for enhanced hydrogen storage
IM - D2 - P19	Koçer Kizilduman Berna	MOF-5-Based Fullerene Nanocomposites for Enhanced Hydrogen Storage Applications
IM - D2 - P20	Doğan Serap	Functionalized carbon nanotube-based affinity matrices for efficient purification and kinetic evaluation of polyphenol oxidase
IM - D2 - P21	Turhan Yasemin	Defect-dopant interactions in graphene-fullerene nanocomposites for hydrogen storage
IM - D2 - P22	Çam Şeyma	Hydrothermal titanium doping of defect-engineered fullerenes for enhanced hydrogen storage

Posters		
IM - D2 - P23	Robin Erkens	A Linear Carbazole-Based Phosphonic Acid for Enhanced Efficiency in 3D Perovskite Solar Cells
IM - D2 - P24	Morgane Van Hove	ETS-10 coated honeycombs as possible candidate for CO2 capture in humid flue gas streams
MDR - D2 - F01	Giulia Marcolli	Synthesis of bispidine-based fluorinated chemosensors for selective analytes recognition
MDR - D2 - F02	Navathej Preetha Genesh	The Two-Dimensional Locksmith: Ligand-Driven Structural Changes in Self-Assembled Supramolecular Networks of Bisporphyrin Cages at the Solid-Liquid Interface
MDR - D2 - F03	Vincent Nilsson	Boracycle-mediated aromatic C-H ortho-methylation using methanol as a methylating reagent
MDR - D2 - F04	Bárbara Sampaio	Innovative scaffolds based on 4-hydroxyproline as chemical permeation enhancers, for transdermal drug delivery
MDR - D2 - F05	Maryam Butt	Synthesis of Fluorinated Partially Saturated Bicyclic Drug Scaffolds
MDR - D2 - P01	Lee Chieng	Development of Continuous Flow Photocatalytic Decarboxylative Cross-Coupling Reactions of Bargellini Acids
MDR - D2 - P02	Dylan Mangru	Exploiting Flow Technology for the Sustainable Synthesis of Industrially Relevant Building Blocks.
MDR - D2 - P03	Yi-Chou Tsai	Extending [2+2+2] and [2+2+1] Cyclizations to Mo-Mo and W-W Multiply Bonded Complexes
MDR - D2 - P04	Tilman Köhler	[2.2]-to-[3.2] Skeletal editing of the paracyclophane core via controlled phenonium ion formation
MDR - D2 - P05	Elżbieta Wojaczyńska	Synthesis of Amino-Functionalized Ferrioxamine E Biomimetics - Toward Modular Trihydroxamate Macrocycles for Late-Stage Diversification
MDR - D2 - P07	Xinyu Mu	Ketazine-linked covalent organic frameworks: a new linkage platform for crystalline π -conjugated porous materials
MDR - D2 - P08	Javed Pathan	Topochemical Polymerization as a Pathway to Structurally Precise 2D organic Polymers
MDR - D2 - P09	Silje Iren Strøm	Fluorine-Free Nitrene Insertion for Covalent Functionalization of Cross-Country Skis
MDR - D2 - P10	Diana-Ioana Eftemie	New heterometallic 4f-4f' complexes – an original synthetic approach
MDR - D2 - P11	Daniel Griess	Functionalized Hydrosilanes: Pathways to Silicon-Based Semiconductors

Posters		
MDR - D2 - P12	Robert Botea	Lanthanide and transition metal complexes derived from polydentate Schiff bases
MDR - D2 - P13	Valentin-Laurențiu Virgil	Design of optically-active coordination compounds using various ligands showing different types of chirality
MDR - D2 - P14	Daniela Silva Dos Santos	Redirecting a synthetic dead-end to an antimalarial compound with enhanced activity
MDR - D2 - P15	Lukas Dvorak	Design of hetero-functionalized triarylamine-based scaffolds as open-shell electrophotocatalysts
MDR - D2 - P16	Ana R. Reis	Metal-Catalysed Assembly of N-heterocycles via [2+2+2] Cyclisation
MDR - D2 - P17	Olexandr Pashenko	Preparative-Scale Synthesis of Heteroatom-Doped Adamantanes and Their MedChem Evaluation
MDR - D2 - P18	Hyungwoo Kim	End-Group Positioning Enables Selective Demicellization in Self-Immolative Poly(benzyl ether) Micelles
MDR - D2 - P19	Mees Hendrikx	Studies towards applying a palladium-catalysed arylation-acylation domino reaction for a new total synthesis of kinamycin F
MDR - D2 - P20	Mihai Răducă	Nitronyl nitroxide di- and triradical ligands obtained via Schiff condensation and their complexes
MDR - D2 - P21	Ștefan Dimitriu	Synthesis and magnetic properties of a family of dinuclear lanthanide complexes derived from 2-(phthalimidomethyl)-nitronyl-nitroxide
MDR - D2 - P22	Franziska Dorothea Klotz	Peri- and benzyl-lithiation of a chiral bicyclic amine: solvent-controlled regioselectivity
MDR - D2 - P27	Daniele Del Giudice	A single component chemical system to encode complex temporal evolution of pH
MDR - D3 - P28	Jaqueline Senra	Exploratory studies on the mechanosynthesis of the copper(II) cyclodextrin complex
RC - D2 - F01	Yaël Antonaros	Lipid-Mineral Interactions and Organic Residue Analysis in Archaeology
RC - D2 - F02	Natalie Daßler	Contaminated Heritage: Toxic Legacies in Historic Interiors
RC - D2 - F03	Aurora Cairolì	Green infrastructure and built heritage in historic cities under climate change



Posters		
APC - D3 - P01	Csontos Daniel	Determination of dopant elements in optical crystals with solid sampling high-resolution continuum source graphite furnace atomic absorption spectrometry
APC - D3 - P02	Csontos Daniel	Studies on the improvement of the electrolyte cathode atmospheric glow discharge for environmental monitoring purposes
APC - D3 - P03	Soyseven Murat	Artificial Intelligence-Assisted Optimization of an HPLC Method for the Determination of Levetiracetam and Piracetam
APC - D3 - P04	Hemdan Ahmed	LC-MS/MS Method Development and Validation for Clinical Pharmacokinetics and Therapeutic Drug Monitoring of Potassium-Competitive Acid Blocker Vonoprazan-Based Triple Therapy for H. pylori in Human Plasma
APC - D3 - P05	Weragalage Waruna Hashan Weragala	Forensic Characterization of Cannabis in Vape products and Labeled Products Seized in Two Court Cases: A Case Study
APC - D3 - P06	Ashrafzadeh Mohammad-Pouya	Silver Nanoparticle Synthesis using a Deep Eutectic Solvent and Green Tea
APC - D3 - P07	Piotr Mytych	Green twist to solvent extraction and separation of metallic species with elfin chelating ligands
APC - D3 - P08	Özbal Ayşegül	Drug release performance of amphiphilic polymeric micelles and cross-linked micelles
APC - D3 - P09	Verbert Selam	Influence of Silane-Based Monolayers on the Stability and Transformation of β -Glycine using SHG Microscopy
APC - D3 - P10	Belova Lidia	Ion mobility high-resolution mass spectrometry (IM-HRMS) – an emerging technique facilitating the analysis of environmental contaminants and their metabolites.
APC - D3 - P11	Bek Sanjar	Synthesis and crystalline structure of diaquabis (5-methylthiazole-2-carboxylate- κ^2 N,O) cobalt (II)
APC - D3 - P12	Angana Pan	Comprehensive analytical evaluation and risk assessment of elastomeric container closure system for biologics and small molecule parenteral drugs
CAI - D3 - F01	Tanimu Gazali	Ensemble Model Technique for Predicting the Yield of Dehydrogenation Products during the Oxidative Dehydrogenation of n-butane
CAI - D3 - F02	Lucia Warner	Automated design of peptide-based scavengers using MLIPs and Boltz2
CAI - D3 - F03	Ivkovic Zarko	Data-driven reactivity design through generative modeling with quantum chemistry validation
CAI - D3 - F04	Laux Anika	Comparative Modelling of Biological Methanation Reactors for Sustainable CO ₂ Conversion
CAI - D3 - F06	Zhang Chenfeng	Molecular Dynamics Insights into Ion Conduction and Gating Mechanisms of PKD2

Posters		
CAI - D3 - F07	Sharma Manoj	Quantum Computational, Spectroscopic, Topological, Molecular Docking, and Dynamics Studies of 2-Amino-3-Hydroxypyridine (2A3HP): A Potential Antimicrobial Agent
CAI - D3 - F08	Levison Anna	The Role of Metal-Ligand Binding on Natural Product Inhibitors of Methyl-Coenzyme M Reductase
CAI - D3 - P01	Shaikh Mohd Aatif	Design and synthesis and computational studies of 2-amino5,4b Thiazolopyrdine egfr based anti-cancer agent
CAI - D3 - P02	Yuan Shaoxuan	From manual operation to autonomous STM via visual reasoning AI
CAI - D3 - P03	Hussain Abrar	Novel Antimicrobial Agents: From Synthetic Design to Integrated In Vitro and In Silico Insights
CAI - D3 - P04	Usman Jamilu	Data-Driven Process Optimization for Selective Magnesium Recovery from Desalination Brine
CAI - D3 - P05	Millan Judith	Unravelling Aspartame Induced Activation Pathways in the TAS1R2/TAS1R3 Receptor
CAI - D3 - P06	Calcagno Francesco	Quantum Computers For Molecular Inverse Design: The Quantum Ensemble Variational Optimization Algorithm
CAI - D3 - P08	Silva Adriano	Automated Classification and Quantification of Pickering Emulsion Droplets Using YOLOv7
CAI - D3 - P09	Zaid Mohd	A reproducible multi-scale computational workflow for DL-methionine in breast cancer targets: DFT, data-driven docking, MD and MM-PBSA validation
CAI - D3 - P10	Maria Jaworska	Mechanism of methylation of A-cluster in coenzyme A synthase by cobalamin. Insight from DFT calculations
CBF - D3 - F02	Jana Baroen	A multi-omics approach to understand how cold atmospheric plasma affects patient-derived head and neck and pancreatic tumors.
CBF - D3 - F03	Tanguy Scaillet	Characterisation of Brucella melitensis phosphoserine phosphatase through crystallographic and kinetic studies
CBF - D3 - F04	Man Shing Wong	Multimodal Nanoprobe for Amyloid- β Targeted Imaging and Oxidative Stress Monitoring in Alzheimer's Disease
CBF - D3 - F05	Eva Müller	Polyphenolates as Bipotent Photostabilising and Solubilizing Agents for Riboflavin
CBF - D3 - F06	Fayanne Nolin	Development of Oligonucleotide Probes to Study the Enzyme SNM1A
CBF - D3 - F07	Martin Gill	Green(er) synthesis of MLCT-emissive ruthenium(II) polypyridyl complexes

Posters		
CBF - D3 - P01	Perveen Akhtar	Nanoparticle-Based Lateral Flow Immunoassays for Detecting Marine Biotoxins in seafood: A Systematic Review of Trends in Development over Two Decades
CBF - D3 - P03	Katarzyna Szafrńska	Breaking the NMDAR/TRPM4 Protein Dialogue: Small-Molecule Disruptors as a Novel Neuroprotective Strategy for Ischemic Stroke
CBF - D3 - P04	Yun Mi Chung	Method Validation for the Determination of Pyridate in Agricultural Commodities
CBF - D3 - P05	Utibe Bassey Akpan	Impact of cation alkyl chain length on the antimicrobial efficacy of 1-alkyl-3-methylimidazolium ionic liquids
CBF - D3 - P06	Obed Obeng-Gyasi	What Lipid Composition Best Reproduces The Biophysical Properties Of Fungal Membranes?
CCS - D3 - F01	Karol Górecki	Multi-faceted insight into the thermochemical redox behaviour of manganese-oxide-based model catalyst, Na ₂ Mn ₃ O ₇ – comparative analysis through DFT, operando TEM and XAS
CCS - D3 - F02	Agata Olszewska	Tailoring Al-differentiated HZSM-5 Catalysts: A Solution for Controlled Ethylene Oligomerization and Resistance to Deactivation
CCS - D3 - F03	Andres Mollar Cuni	Phenanthrenequinones (PQs): Swiss army knife in photocatalysis
CCS - D3 - F04	Christophe Vande Velde	Hydrogen bond donating large pore MOFs as catalysts
CCS - D3 - F06	Diarmuid O'Hanlon	Enabling Technologies in Flow Chemistry for Data-Rich Reaction Optimisation
CCS - D3 - P01	Tim Jähnichen	Effect of Non-metal Dopants in Self-coupled g-C ₃ N ₄ Van der Waals Heterojunctions for Efficient Photocatalytic Tetracycline and PFOA Degradation
CCS - D3 - P02	Judit Lloreda Rodes	NiX/Al ₂ O ₃ catalysts for photocatalytic hydrogen production towards intended industrial application
CCS - D3 - P03	Judit Lloreda Rodes	Heterogeneous catalysts synthesis by electroless deposition for environmental applications
CCS - D3 - P04	Claudiu Bostan	Amino Acids as Organocatalysts for the Electrosynthesis of Pinacols from 4-Fluoroacetophenone
CCS - D3 - P05	Xiang Yu	Quantifying Structural and Dipole–Dipole Coupling Effects in Coverage-Dependent CO Infrared Spectra on Pt
CCS - D3 - P06	Hyosun Lee	Addition Polymerization of Norbornene by Cobalt(II) and Palladium(II) Complexes Ligated by N, N'-Bidentate Iminomethylpyridine Derivatives
CCS - D3 - P07	Eun Yeong Kim	Synthesis and Structural Characterization of Cobalt(II) and Palladium(II) Complexes Bearing N-Substituted Iminomethylpyridine and Aminomethylpyridine Derivative: Application to Ring Opening Polymerization of rac-Lactide

Posters		
CCS - D3 - P08	Fernando Alec Vera Barrutia	Chiral CN-Palladacycles as Precatalysts for Alkoxy carbonylation of Styrene Derivatives
CCS - D3 - P09	Çağla Akkol	Enhanced Photocatalytic Degradation of Phenols Using g-C ₃ N ₄ -Supported Phthalocyanine Catalysts
CCS - D3 - P10	Henrich Kabzan	Preparation of Ferrocene Thioamides and their Mechanochemical C-H Arylation
CCS - D3 - P11	Kevin Bucher	Iron-porphyrin Catalyzed Deaminative Hydrobenzylation of Alkenes using Redox-active Pyridinium Salts
CCS - D3 - P12	Liu Aoyang	Understanding and Tuning the Reduction of Nitro-Compounds in Water at Carbon Surfaces
CCS - D3 - P13	Vesely Martin	Utilization Of 2D Transition-Metal Dichalcogenide Supports For Rhodium-Catalyzed Hydroformylation
CCS - D3 - P14	Radosińska Monika	Atroposelective Access to Oxidation-Inspired Axially Chiral Benzopyrano[1,2]thiazinone S,S-Dioxides via Oxidative NHC Catalysis
CCS - D3 - P19	Velma Beri Kimbi Yaah	Novel Bi ₃ O ₄ Br/TiO ₂ NB/glucose hydrochar for photocatalytic degradation of pharmaceuticals
CCS - D3 - P20	Nagendra Kulal	V ₂ O ₅ /CeO ₂ catalyst for selective oxidative C-N coupling of amines and alcohols into imines
CCS - D3 - P21	Anamika Brahma	A Sustainable MgO@EDTA@Ag Nanocatalyst for Eco-Friendly Xanthene Formation and Efficient Rhodamine B Degradation
CCS - D3 - P23	Erdali Ayse Dilay	From Isolated Rh Single Atom Catalytic Sites to Cooperative Single Atom Ensembles: Tuning Catalytic Pathways in CO ₂ and Ethanol Interactions
CCS - D3 - P25	Smoczyńska Anna	New N-heterocyclic carbene platinum complexes – synthesis, characterisation and catalytic activity.
EES - D3 - F01	Markowski Robert	Amorphous Coordination Polymers for Versatile Mg ²⁺ , Ca ²⁺ , Sr ²⁺ , Ba ²⁺ , and Zn ²⁺ Cation Storage
EES - D3 - F02	Baytekin Bilge	Chemical insights into triboelectric charging of polymers and organic powders
EES - D3 - F03	Brandi Francesco	Catalytic depolymerization of commercial grade polyurethane sponge using Ru- supported heterogeneous catalysts
EES - D3 - F04	Itri Giulia Maria	Waste Meets Waste: Upcycling Spent Li-Ion Battery-Derived Materials into Pd-Based Catalysts for Biomass Valorization
EES - D4 - F06	Kulagova Alice	Ammonia photooxidation using Ru catalyst anchored on C ₃ N ₄ nanoparticles

Posters		
EES - D3 - F07	León García Jesús	Synergistic Thermal and Stability Effects of Al ₂ O ₃ -ZnO Hybrid Nanofluids in Solar Thermal Collectors
EES - D3 - F08	Tayyebi Ahmad	Photoelectrochemical Solar Ammonia Production
EES - D3 - F09	Salierno Giuseppe	Lignin acidolysis via a βO4 model compound: an improvement based on heterogeneous superacid catalysis
EES - D3 - F10	Barbagallo Claudia	Innovative heterobimetallic precursors for multifunctional fluoride materials
EES - D3 - F11	Casadevall Serrano Carla	Novel molecular and polymersome-based systems for photocatalytic CO ₂ reduction, towards compartmentalized artificial photosynthesis
EES - D3- P001	Daniela Andrei	Greener Synthetic Approaches to the Synthesis of Quinoxaline Derivatives
EES - D3- P002	Kyungsu Na	CO ₂ Upcycling to Liquefied Petroleum Gas and Jet Fuel via an Oxide-Zeolite Catalyst Strategy
EES - D3- P003	Niloofar Kamyar Khaledi	Understanding the effects of cryomilling for some common thermoplastics
EES - D3- P004	Ola Bajouk	Unraveling the electrocatalytic performances and structural stability of Ag nanowire gas diffusion electrodes for CO ₂ reduction
EES - D3- P005	Ward Peeters	Pilot-Scale Online Monitoring of CESAR1 Solvent Condition in a Cement CO ₂ Capture Plant
EES - D3- P006	Paola Calza	Sustainable integrated approach for CECs removal in aquaculture: bench-scale validation of a hybrid membrane-AOP system
EES - D3- P007	Klaudia Jakubowska	Composition and efficacy of essential oils in suppressing potato sprouting
EES - D3- P008	Julia Kamińska	Comparison of the yield and chemical composition of essential oils from the seeds, leaves and straw of Apiaceae plants
EES - D3- P009	Bilge Baytekin	Contact Electrification of Some Organic Powders With Fused Aromatic Ring Structures
EES - D3- P010	Muzammil Hussain	Directional Charge Transport in Donor-Acceptor Covalent Organic Frameworks for enhanced Photocatalytic H ₂ O ₂ Production
EES - D3- P011	Paweł Gulski	Inhibition of seed germination by selected essential oils: relationship with chemical composition
EES - D3- P012	Lukka Thuyavan Yogarathinam	Predictive Chemometric Modeling of Molecular Transport in Functional Organic Solvent Nanofiltration Membranes

Posters		
EES - D3- P013	Romy Van Geijn	Sunlight-powered reverse water gas shift reaction catalysed by plasmonic Au/CeO ₂ -x: the impact of size, metal loading and oxygen vacancies on the catalytic performance
EES - D3- P014	Carla Rizzo	Safe and sustainable materials as adsorbents for emerging pollutants
EES - D3- P015	Alyssa Mancini	Understanding structural and electrochemical degradation in Li-rich cathodes
EES - D3- P016	Tauqir Ahmad	Controlled Incorporation of Monoboc-Protected Amines in Polyamide Thin-Film Composite Membranes
EES - D3- P017	Myriam D'alù	Recovery and Regeneration of Cathode Materials via Direct Recycling
EES - D3- P018	Maria Eduarda Pereira	Advanced sorption-based recovery of rare-earth elements from secondary aqueous streams: a contribution to EU strategic autonomy and circular critical raw materials
EES - D3- P019	Gabriela Kuźma	Chemical compositions, stability and insecticidal activities of some essential oil emulsions
EES - D3- P020	Oussama Djorf	Gold "Self-Leaching" in Chloride-Rich Media
EES - D3- P021	Jose Javier Delgado-Marin	High-Temperature Operation of Vacuum Tube Solar Collectors Using Ionic Liquids
EES - D3- P022	Arcangelo Celeste	Synthesis-Route Effects on Competing Phase Formation in Na _{0.67} Mn _{0.75} Ni _{0.25} O ₂
EES - D3- P023	Manuel Alejandro Andino Enriquez	Matrix Dependent Photochemical Transformation of Sulfamethoxazole in Natural and Managed Waters
EES - D3- P024	Cristiana Margarita	Deep Eutectic Solvents-enabled Closed and Open-loop Wastes Battery Recycling
EES - D3- P025	Marcelo Cámaras	Commercial Anion Exchange Membranes for Alkaline Water Electrolysis: Linking Performance, Stability, and Physicochemical Properties
EES - D3- P026	Vladimir Nikiforov	Is atmospheric half-life time of carbon tetrafluoride the same as it was 33 or 47 years ago?
EES - D3- P027	Ching-Shiun Chen	Ultra-Small Ru and Ni Clusters for Enhanced CO ₂ Methanation at Ultra-Low Metal Loadings
EES - D3- P028	Sharjeel Waqas	Optimization of Operating Parameters in Single-Stage Membrane Rotating Biological Contactor for Wastewater Treatment
EES - D3- P029	Oliver Salangad	Matrix-specific partitioning of legacy and emerging PFAS in great tit (Parus major) plasma, feathers, and faeces near a fluorochemical hotspot

Posters		
EES - D3- P030	Hugo Valdes	Electrochemical Dechlorination of PVC for Sustainable Materials Recovery and the Synthesis of Chlorinated Compounds
EES - D3- P031	Sharmin Akther Rupa	Rational Design of Amide-Extended Tetrahedral Linkers for the Construction of Porous MOFs Targeting CO ₂ Capture
EES - D3- P032	Yasir Abbas	Functionalized Graphene Oxide Membranes for High Flux Nanofiltration
EES - D3- P033	Fernanda Roman	Oxidative denitrogenation using sustainable carbon nanotubes: reactive oxygen species
EES - D3- P034	Fernanda Roman	Removal of bisphenol-A by catalytic wet peroxide oxidation using sustainable carbon nanotubes
EES - D3- P035	Syed Muham-mad Shakib Kazmi	Electrochemical approach towards the Total Synthesis of (-)-Colchicine
EES - D3- P036	Bienvenu Kwizera	Nano calcium driven degradation of dichlorodiphenyl-trichloroethane in soil: Efficiency assessment and underlying mechanisms
EES - D3- P037	Dáša Drenčáková	Non-stoichiometric CuAgSe doped with Zn or Fe: mechanochemical synthesis and thermoelectric properties
EES - D3- P038	Anej Blazic	Magnetic heating-assisted methanol synthesis from CO ₂ and H ₂ for Power-to-X applications
EES - D3- P039	Aleksandra Zamljen	Water-Induced Structural Deactivation of Zeolite-Supported Magnesium Chloride and Its Effect on Ammonia Sorption Stability
EES - D3- P040	Hyeseon Park	Redox Electrolyte-Assisted Hybrid Energy Storage with Optimized Cathode/Anode Ratio of Cobalt Hexacyanoferrate and Activated Carbon
EES - D3- P041	Paula Barbosa	Silk Fibroin Solid Electrolyte Membranes for Sustainable Sodium-Ion Batteries
EES - D3- P042	Dora Balen	High-temperature structural and microstructural evolution of Ni- and Mn-doped LaCoO ₃ perovskites
EES - D3- P043	Ajay Sharma	Controlled Autoxidation of Heavy Petroleum Residues as a Low-Cost Route to Synthesize Carbon Nanotubes
EES - D3- P044	Wajahat Waheed Kazmi	Optimizing solvent roles in catalytic lignin liquefaction: Efficient pathways to phenolic monomers and bio-oil
EES - D3- P045	Muhammad Waqas	Solvent-Free upcycling of Plastic Waste to Aromatics with Multi-Shelled Hollow Sphere
EES - D3- P046	Nicole Ferreira	Shrimp Shell Waste as a Green Resource for Rare Earth Element Recovery

Posters		
EES - D3- P047	Ghulam Asghar	Synthesis and Catalytic Evaluation of NiO–Al ₂ O ₃ Catalyst for Steam Methane Reforming
EES - D3- P048	Aqeel Ahmad	Synthesis and Evaluation of Porous Organic Polymers for CO ₂ Capture
EES - D3- P050	Akinyinka Akinnusotu	Assessment of some Organochlorine Pesticides and Toxic heavy metals in the road dust from A metropolitan City in Nigeria: Akure as a Case Study
EES - D3- P060	Hocine Sifaoui	Removal of nitrogenous heteroaromatic compounds from gasoline using the deep eutectic solvent diethanolamine: glycerol.
IM - D3 - F01	Jie Zhang	From 1D to 2D: On-Surface Synthesis of Conjugated Polydiacetylene Monolayers
IM - D3 - F02	Elie Dervaux	Beware of the structure: Insights into the Phosphorus Dynamics of post-synthetically modified NU1000 in the presence of water
IM - D3 - F03	Michela Tramontini	Bio-based polymeric films for the photocatalytic degradation of contaminants of emerging concern in aqueous media
IM - D3 - F04	Debora Briganti	Engineering nanoscale amorphous calcium phosphate through molecular and polymeric stabilization strategies
IM - D3 - P01	Busila Mariana	Multifunctional degradable titanium coatings for osteointegrative and antimicrobial surfaces
IM - D3 - P02	Waheed Abdul	Development of 2D nanosheets of lanthanide-based metal organic frameworks for developing a super-hydrophilic and super-oleophobic (underwater) selective layer on a ceramic support for separation of surfactant-stabilized oil-in-water emulsion
IM - D3 - P03	Han Seungyun	Development of Spherical Mg-Al Silicate Composites for Simplified Purification and Enhanced Filtration of C.A.S.E. Polyols
IM - D3 - P04	Bergjan Jenrik	Ultrathin macroporous substrates for near-field microscopy on free-standing membranes
IM - D3 - P05	Sisó-Moliné Rut	Carbon Dots from Renewable Biomass Precursors: Processing Parameters and Optical Response
IM - D3 - P06	Tschekorsky Orloff Runa	Imination of aminocaprolactam with bio-based aldehydes to produce bio-based polyamides
IM - D3 - P07	Ruiz Guerrón Juan Francisco	Polymerization of Malononitrile Dimer: A New Route for Construction of Nitrogen-Rich Polytriazines with Functional Properties
IM - D3 - P08	Geesi Mohammed	Biogenic synthesis of zinc oxide nanostructures using Adansonia digitata peel extract for sildenafil degradation and photocatalytic performance
IM - D3 - P09	Özbal Ayşegül	Self-assembly of an amphiphilic copolymer and its potential as drug delivery systems

Posters		
IM - D3 - P10	Dzene Liva	Design of new PEG-silanized fillers inspired by talc-like structures
IM - D3 - P11	Giuliana Bianco	Mass spectrometry-driven evaluation of antioxidant thermoplastic polyurethane films for waste cooking oil storage
IM - D3 - P12	Marina Piacenti-Silva	A Multifunctional Nitrogen-Doped Magnetic Graphene Oxide Nanocomposite Prepared by One-Step Microwave-Assisted Synthesis
IM - D3 - P13	Semih Macit	Dual crosslinked printable chitosan/PEG/ γ -cyclodextrin hydrogels with tunable rheological properties
IM - D3 - P14	Tom Althaus	Electrosynthesis of Molecular Cluster Assembly Materials with Hierarchical Porosity
IM - D3 - P15	Aleksandra Ciesielska	Twist and resist: Stability and Chiroptical Enhancement in Chiral Hybrid Perovskites
MDR - D3 - F01	Dmytro Volochnyuk	Needs Determine the Way: the Place of SF ₄ in Modern Synthetic Chemistry
MDR - D3 - F02	Maria Kosaka	Mechanism elucidation of paddle-wheel di-Ru complex catalyzed amination reaction via multireference theory
MDR - D3 - F03	Hunhee Han	Ionic-Group Densification of Perfluorinated High-Oxygen-Permeability Ionomers
MDR - D3 - F04	Priyanka Rani Panda	Strapped Calix[4]pyrroles for the Transmembrane Transport of Anions
MDR - D3 - P01	Cristian Andrei Spinu	Nitronyl nitroxide stable radicals derived from nitro-o-vanillin and bisphenol A as ligands towards 3d and 4f metal ions
MDR - D3 - P02	Pia Gartlgruber	Synthesis of steroidal and non-steroidal phase I and II metabolites relevant for Doping Analysis
MDR - D3 - P03	Daniel Corcorran	Interrupted thermal rearrangement to access cyclobutanones via photochemistry and continuous flow chemistry
MDR - D3 - P04	Nikola Savic	Novel 4,5-Diphenyl-1,2,3-Triazolate-based Kuratowski Complexes with Chiral Active Sites
MDR - D3 - P05	Nick Kocem	Regio- and Stereoselective Formation of 1,3-Diols
MDR - D3 - P06	Martin Hutereau	Identifying promising low-fluorine weakly coordinating anions for lithium-ion batteries via high-throughput screening
MDR - D3 - P07	Karim Ullah	Perfluorooxosulfate Salts as SOF ₄ -Gas-Free Precursors to Multidimensional SuFEx Electrophiles

Posters		
MDR - D3 - P08	Luiz Carlos Silva-Filho	Expanding Visible-Light Photopolymerization: Azapentalene Derivatives for Methacrylate and Biobased Acrylic Systems
MDR - D3 - P09	Annika Plato	Stereoconvergent approach to the enantioselective construction of α -quaternary alcohols by radical epoxide allylation
MDR - D3 - P10	Manish Rana	Design and synthesis of N-formyl/carbothioamide based pyrazoline analogs using Pd(PPh ₃) ₄ catalyst: Cytotoxicity, apoptosis, and molecular dynamics studies
MDR - D3 - P11	Andrea Di Pedè	Triplex DNA clamp regulates Cas12a activation for ssDNA and RNA sensing
MDR - D3 - P12	Niels Michaelis	Investigation of a low-valent molybdenum complex towards reductive N ₂ -activation
MDR - D3 - P13	Anna-Marlene Vogt	Investigation of mononuclear molybdenum and tungsten complexes with pentaphosphine environment for activation of dinitrogen and catalytic ammonia synthesis
MDR - D3 - P14	Aleksandar Pashev	Angular substituted dibenzo[a,g]quinolizidines – synthesis and DPP-IV inhibitory activity
MDR - D3 - P15	Teodora Aleksandrova	Novel heterocyclic derivatives based on the [1,4]thiazino[3,4-a] isoquinoline ring system – molecular design, synthesis and DPP-IV inhibitory activity
MDR - D3 - P16	André Stephan Culum	Water-Soluble Acylgermanes via a Germa-Michael Reaction: A Modular Route toward Bio-Compatible Photoinitiators
MDR - D3 - P17	Merve Ercan Ayra	The effect of PEG localization and charge density on transfection ability of artificial gene delivery vectors
MDR - D3 - P19	Franziska Elterlein	From Oranges to Odorants: Using Renewable Starting Materials for Fragrance Chemistry
MDR - D3 - P20	Maria Voccia	A First Principle Study of a Model Bimolecular Nucleophilic Substitution Reaction Promoted by Catalysts Supported on Oxidized Carbon Black
MDR - D3 - P28	Georgiades Savvas	Malonic-Type Macrocyclic Esters from Catechol-Derived Propargyl Diols: Effect of Catechol Substituents on Reactivity

Posters		
APC - D4 - P01	Zarini Lorenzo	A polymer-based surface functionalization strategy for DNA immobilization on gold electrodes
APC - D4 - P05	Deng Shibin	Exciton Spatiotemporal Imaging: From Classical Diffusion to Quantum Correlations
APC - D4 - P06	Alegria Carrasco Pancorbo	Untargeted UHPLC–IMS–MS Metabolomics Reveals Genotype-Dependent Chemical Diversity among Avocado Varieties
APC - D4 - P07	Alegria Carrasco Pancorbo	Postharvest Storage and On-Tree Maturation Drive Distinct Carbohydrate Signatures in Hass Avocado
APC - D4 - P08	Ann-Christin Seidl	Surfactant-free Microemulsions in Surface Cleaning
APC - D4 - P09	Clara Ernst	Characterization of Tristyrylphenol Ethoxylate Surfactants
APC - D4 - P10	Ginevra Vigni	Development and Optimization of Lipid Nanocarrier Systems for Agri-food Biowaste
APC - D4 - P11	Donghun Kim	One-Pot Multisubstrate Screening for Asymmetric Catalysis Enabled by ¹⁹ F NMR-Based Simultaneous Chiral Analysis
APC - D4 - P12	Naser Al-Tannak	Development and Validation of an LC-MS/MS Method for the Simultaneous Determination of Alprazolam, Bromazepam, Clonazepam, Diazepam and Flunitrazepam in Human Urine and Its Application to Samples from Suspected Drug Abusers
CAI - D4 - F01	Weiser Jonas	Towards automated ensemble-averaged kinetics of reverse intersystem crossing in flexible TADF emitters
CAI - D4 - F02	Shekiladze Ilona	From Nature's Layers to Neural Layers: An AI and Machine Learning Approach to Tomato Preservation via an Edible Pseudoprotein Coating
CAI - D4 - F03	Kuchenbecker Vinicius	Theoretical study of collision induced dissociation mechanism for PO3G 77-59 m/z ion: When MS2 Energy Data and Quantum Chemistry reveals hidden molecular structures
CAI - D4 - P01	Žagar Leon	Model Order Reduction of CFD Model for Membrane Distillation
CAI - D4 - P02	Yaşar Nesrin Işıl	Cross-validated screening of natural products targeting two distinct functional sites of the bacterial ribosome: An in-silico study
CAI - D4 - P03	Francisca Salas	Beyond Bulk Aggregation: Interfacial Chloride Recognition by Triazolophane on Graphene
CAI - D4 - P04	Carl Schiebroek	Balancing Data Quantity and Quality: Evaluating Curation Strategies for Bioactivity Prediction
CAI - D4 - P05	Umair Khan	Unified data-driven flow regime identification in horizontal and vertical multiphase pipe flows using dynamic pressure signals

Posters		
CBF - D4 - F01	Mihai-Alexandru Molența	Design and synthesis of lipid substrates for sterol imaging
CBF - D4 - F02	Magdi El Fergani	Synthesis and Characterization of Novel Rhodamine and Coumarin-based Fluorophores
CBF - D4 - F03	Inês Ferreira	De novo analytical chemistry approaches for collagen and polyphenol characterization in Physalia physalis
CBF - D4 - F05	Lucio Spinelli	PEGylation-Driven Remodeling of the Protein Corona on PLGA Nanoparticles: Implications for Macrophage Recognition
CBF - D4 - F08	Konrad Barnowski	Synergistic cancer therapy targeting LAG-3&PD-L1 through co-administration of flavonoid and durvalumab
CBF - D4 - P01	Paola Montoro	High-Resolution Mass Spectrometry: Unlocking the Chemical Complexity of Xylem Sap
CBF - D4 - P02	Lavinia Klement	Stability meets Mobility: N-Heterocyclic Carbene-based Tethers for Functional Biomimetic Membranes
CBF - D4 - P03	Ankita Borah	Effect of noscapine hydrochloride on the near-infrared optical properties of indocyanine green
CBF - D4 - P04	Cláudia Lopes	Lead-silica interactions in food additive E551: concentration-dependent effects on surface charge and colloidal stability
CBF - D4 - P05	Ramla Khiari	Effect of drying methods and pretreatments on the carbohydrate profile of Pingo de Mel figs
CBF - D4 - P06	Malgorzata Starowicz	The Effect of Processing Technology on the Content of Acrylamide, Amino Acids, and Reactive Dicarbonyl Compounds Formed During Bread Baking
CBF - D4 - P07	Aziziyan Fatemeh	Mining for Novel Tryptophanase A: extremophilic organisms Ardicatena maritima and Haloarcula japonica as alternative to E. Coli in the synthesis of tryptophan analogues
CBF - D4 - P08	Sobhi Khaled	Implementation and Optimization of automated computer processing tools for a bi-instrumental Systematic Toxicological Analysis strategy using HPLC-DAD and GC-MS
CBF - D4 - P09	Schäfer Evelin	Membrane organoid chips for programmable growth of stem cells
CBF - D4 - P10	Gawor Andrzej	Proteomics in the Multi-Omics Era: A Key to Safer Drugs and Deeper Disease Insights
CBF - D4 - P11	Bulska Ewa	PATHFOOD: From Soil to Health. Analytical Chemistry Driving Selenium-Enriched Functional Foods
CBF - D4 - P12	Hanschen Franziska	Identification of Isothiocyanate-Hydrolase Candidate Proteins by in silico Modelling

Posters		
CBF - D4 - P13	João António	Click! Bioconjugate! Release!: A Unified Diazaborine Platform for Stimuli-Responsive Therapeutics
CCS - D4 - P04	Sukserm Supichcha	Modification of Ni/Al ₂ O ₃ catalysts by incorporating graphitic carbon quantum dots (CQDs) for selective CO ₂ hydrogenation to CO
CCS - D4 - P07	Yogendra Kumar	Sustainable synthesis of 2,4,6-trisubstituted pyridines using surface-modified PET@UiO-66 vials
CCS - D4 - P18	Farhan Arshad	Bubbles Templated Porous CeSe ₂ /Co ₃ Se ₄ Heterostructures Supported on Ni Foam for CO ₂ -free Selective Methanol Oxidation to Enhance Green Hydrogen Production
CCS - D4 - P22	Sreenidhi M Varma	4,4'-oxybis-benzoic acid-based Pristine MOFs as reusable, heterogeneous catalyst for Hydrogenation Reactions
CCS - D4 - P25	Bastian Schaal	Dehydrogenation of Methanol to Methyl Formate using CuO/CuAl ₂ O ₄ /Al ₂ O ₃ -catalysts
EES - D4 - F02	Monir Mohammad	A Systematic Computational Screening for Discovery of Low-Cost, Sustainable Thermochemical Heat Storage Materials
EES - D4 - F03	Rita Veloso	Presodiation as a key strategy for stabilizing sodium-ion batteries
EES - D4 - F04	Bonitz Lena	Polyhalite Stability in Salt Solutions at 25 °C : A Long-Term Investigation
EES - D4 - F05	Faria Joaquim	Light-matter interactions in carbon nitride-based photocatalysis
EES - D4 - F06	Buchinger Richard	Enhancing Faradaic Efficiency in Electrochemical CO ₂ reduction via Fermentation-derived Acid Intermediates
EES - D4 - F10	Ramackers Augustin	Bimetallic Anionic Organic Frameworks with Solid-State Cation Conduction for Charge Storage Applications
EES - D4 - F11	Alessandra Imbrogno	Green and Wearable Energy Storage: Fully Sustainable Solid-State Supercapacitors Using Pectin Derived Laser okInduced Graphene and Pectin Electrolyte Systems
EES - D4- P001	Emilia Kazek	Treatment of poly(vinyl chloride) and study of its pyrolysis outcomes
EES - D4- P002	Safyan Akram Khan	High Performance Steam Methane Reforming via Tuned Metal Support Interactions in NiMg-Yb ₂ O ₃ sesquioxide: Activity, Stability, and Coke Resistance
EES - D4 - P003	Hagen Fiebig	Phase Stability and Thermodynamic Properties of Magnesium Carbonates in Salt Solutions
EES - D4- P004	Smoin Camilia Nafissa	Removal of metallic fragments from waste generated during photovoltaic cell manufacturing

Posters		
EES - D4- P005	Tia Ansell	Identifying complexing agents for the selective binding of Pb ²⁺ released during perovskite solar cell degradation
EES - D4- P006	Timothy Vadas	Comparison of hydrogel coated ion selective solid-state electrodes for nitrate measurements in soil
EES - D4- P007	Sharad Kumar Sachan	Monoatomic copper-anchored UiO-66-NH ₂ as a mechanistically defined Lewis acid catalyst for CO ₂ cycloaddition and enantioselective Strecker synthesis
EES - D4- P008	Bezayet Tesfaye	Scale-up, shaping, and catalytic performance of MIL-100(Fe) in propane oxidation
EES - D4- P009	Cláudia Lopes	Clay-based platforms for REE recovery: selective adsorption, regeneration and magnetic separation
EES - D4- P010	Jose Luis Diaz De Tuesta	Activated carbon production from exhaustive olive pomace: simulation process and autothermal pyrolysis
EES - D4- P011	Arda Altan	Synthesis and Characterization of Lithium Metal Phosphates in Various Solvents
EES - D4- P012	Anamika Res. Scholar, Chemical Engg. & Tech., IIT(BHU)	Integrated zeolite membrane and Cu-ZnO-Al ₂ O ₃ catalyst for intensified CO ₂ -to-methanol conversion
EES - D4- P013	William De Rezende Locatel	Kinetic Analysis and Multiscale Hydrolysis of Reinforced PET and PBT Plastics: Innovative Process Configurations for Enhanced Monomer Recovery
EES - D4- P014	Naimat Ullah	Electroreduction of CO ₂ to C ₁ and C ₂ products on Dual Active Sites
EES - D4- P015	Nag Abhijit	Efficient Dissolution and Selective Recovery of Gold from Electronic Waste Using a Recyclable Ionic Medium
EES - D4- P016	Jayasekara Neranjan	Comparative Assessment of Microplastic Accumulation in Upper Catena Fisheries of the Kothmale Reservoir, Sri Lanka
EES - D4- P017	Chun Sangeun	Tailored-Shell Hollow TiO ₂ Spheres with Reduced Tortuosity for Fast-Charging Anode
EES - D4- P018	Tayyab Muhammad	Regulating redox sites for photocatalytic phenylcarbinol conversion and H ₂ production on lattice-matched Schottky junction
EES - D4- P019	Holthuijsen Matthijs	Revealing battery interface chemistry with spectroscopy
EES - D4- P020	Bayazit Şahika Sena	Investigation of MOF Derived NASICONs for Capacitive Deionization Application
EES - D4- P021	Nikiforov Vladimir	Proposal for restriction on difluoromethylene substances aka "universal PFAS restriction": chemical analysis

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EES - D4- P022	Kim Do Hwan	Electronic Structure Engineering via Atomic W Doping in NiO/Cr ₂ S ₃ Nanotube Heterostructures for Enhanced Overall Water Splitting
EES - D4- P023	Kerkez Kuyumcu Özge	Ti/Fe-Based MOF Photocatalysts for Efficient Solar-Driven Dye Removal
EES - D4- P024	Mihet Maria	Fine-tuning the Supercapacitor's performance with EPR spectroscopy
EES - D4- P025	Aydın Yasar Andelib	Valorisation of waste tea leaves and egg shells in carbon nanodot synthesis
EES - D4- P026	Pigot Corentin	Bioinspired catalysts for photoelectrochemical solar energy conversion
EES - D4- P027	Ferraz Gabriel	Atmospheric microplastics in a Brazilian elementary school and true-to-life PET-associated internalization and mitochondrial dysfunction in lung-relevant models
EES - D4- P028	Napier Rachel	Optimising reaction efficiency with surfactants
EES - D4- P029	Chen Qi	Revealing the Extraction and Coordination Behavior of Novel Cyclohexyl o-oxydiamides ligand toward Pu(IV)
EES - D4- P030	Yan Taihong	Selective Extraction of Plutonium(IV) by Novel Diphenylpyridine Diamide Extractants
EES - D4- P031	Wang Wentao	A Green and Efficient Aqueous LLPS Platform for Metal Ion Separation
EES - D4- P032	Wong Ping Keung	Green Extractive Desalination with Designer Green Solvents for Freshwater Production
EES - D4- P033	Shahid Ali	MXene-Promoted Ni-Based Bimetallic Catalysts on CeO ₂ -ZrO ₂ for Efficient Hydrogen Production via Steam Methane Reforming
EES - D4- P034	Daouia Ingrachen	Natural Algerian Diatomite as a Low-Cost Adsorbent for Bezacryl Yellow Dye Removal
EES - D4- P035	Elsayed Mohamed	Enhanced Photocatalytic Hydrogen Evolution via Broad Visible-Light Harvesting in g-C ₃ N ₄ /Polymer Heterostructures
EES - D4- P036	Alsultan Abdullah	Energy-Efficient and Sustainable Water Desalination Using Flow Electrode Deionization with Enhanced Charge and Ion Transfer
EES - D4- P037	Gilleece Grainne	Graphene Quantum Dot-Based Nanostructured Electrodes For Advanced Sodium Ion Batteries
EES - D4- P069	Bhatti Umair Hassan	Functionalized glucose-derived carbon spheres for low-temperature CO ₂ capture

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IM - D4 - F02	Maria Gutiérrez-Blanco	Molybdenum sulfide - chitosan hydrogels as model platforms for the delivery of Antibody-Drug Conjugates
IM - D4 - F04	Albert Serrà Ramos	Electrospun TiO ₂ / BiOI heterostructured nanofibers for solar-driven water decontamination
IM - D4 - F05	Sama Al Jintan	Uncovering synthesis-structure-function relationships in ZnFe ₂ O ₄ @TiO ₂ Z-scheme photocatalysts
IM - D4 - P01	Ozmen Pinar	Enhancing the Flame Retardant Performance of Expandable Polystyrene Using Halogen-Free Additives and Synergists
IM - D4 - P02	Ös Muratcan	Two Salt-Surfactant Mesophases: Synthesis of Mesoporous MgM ₂ O ₄ (M=Mn, Fe and Co) Electrodes and Their Electrochemical Properties
IM - D4 - P03	Saka Ece Tugba	Calcone-Schiff Base Hybride Coated Titanium Surfaces With Light-Induced Antibacterial Activity
IM - D4 - P04	Diaz De Tuesta Jose Luis	Impact of PZA Incorporation on the thermal stability, carbon yield, and electrical conductivity of 3D-printed polymer-derived carbons
IM - D4 - P05	Delaney Colm	3D Printing of Nanocomposites-some assembly required
IM - D4 - P06	Salinas Soler Yolanda	Silica-based degradable micromotors with potential environmental and health impact
IM - D4 - P07	Abhijit Nag	Efficient Dissolution and Selective Recovery of Gold from Electronic Waste Using a Recyclable Ionic Medium
IM - D4 - P08	Ilma Amalina	Magnetically Induced Drug Release from Doxorubicin-Loaded Niosome Nanocarriers
IM - D4 - P09	Abdilla Roderick	Exploring composite hydrogel systems using solid state NMR
IM - D4 - P10	Marina Piacenti-Silva	A Multifunctional Nitrogen-Doped Magnetic Graphene Oxide Nanocomposite Prepared by One-Step Microwave-Assisted Synthesis
IM - D4 - P11	Faizah Altaf	Multifunctional Novel Materials for CO ₂ Capture and Nutrient Delivery: Advanced Soil Amendments to Enhance Soil Health and Crops Growth
IM - D4 - P22	Aad Rony	Systematic functionalization of silk sericin via acetylation: a design of experiments approach toward sustainable biomaterials
MDR - D4 - P01	Yong Rok Kwon	Molecular design of acrylic polymers for controlling the damping behavior of epoxy composites
MDR - D4 - P02	Ben Clarke	The Design & Synthesis of Fluorescent Self-Assembled Monolayers for Optical Applications

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MDR - D4 - P03	Arne Hendrickx	Synthesis and Evaluation of Boronate Precursors for Stable Astatine Radiopharmaceuticals.
MDR - D4 - P04	Hae Chan Kim	Ring-Opening Polymerization of δ -Tetradecalactone for Oil-Soluble Poly(ester) Lubricant Additives with Tunable Molecular Weight
MDR - D4 - P05	Sue Been Lee	Epoxy-terminated Polyurethanes as Effective Toughening Agents for Epoxy Molding Compounds
MDR - D4 - P06	Sun Ho Seok	Toughening Effect of Core-shell Impact Modifiers on Epoxy Resin Maintaining Thermal Stability
MDR - D4 - P07	Yuki Kurashige	Theoretical Design Principles for Spin-Selective Relaxation in Photoexcited Metal Complexes
MDR - D4 - P08	Min Jin Seong	Improving the Toughness of Electronic Adhesives through Epoxy-Acrylic Hybridization
MDR - D4 - P09	Vishakha Goyal	General and selective ruthenium-catalyzed hydrogenation of primary amides to primary amines under mild conditions
MDR - D4 - P10	Sean Betteridge	Structure Activity Relationship Directed Development of an Internal standard for an Electrochemical Fentanyl Detector.
MDR - D4 - P11	Ayşe Zeyneb Erten	Monomer structure and feed protocol effects on microstructure and processing of resorcinol based polyarylates
MDR - D4 - P12	Bert U.W. Maes	A Mechanochemical Kolbe-Schmitt reaction: Catechol Carboxylation Provides Building Blocks for Renewable Plasticizers
MDR - D4 - P13	Devendra Yadav	Two Electrons in a Li-S Cage: A Novel Lithium Cubic Electride - $[(tBu_2MeSiS)6Li_8]^{2+} \cdot 2e^-$
MDR - D4 - P14	Zareen Khaleel	Expanding Drug-Relevant Chemical Space Through Pt-Au Bimetallic Catalysis
MDR - D4 - P16	Chojnacka Anna	Heck Coupling of 10,10'-Dibromo-9,9'-bianthracene with
MDR - D4 - P17	Lavoie Gino	Polymerizations Using Transition Metal Complexes of Monoanionic Bidentate Guanidine-Ethenolate, Phenolate, and Benzene Sulfonate Ligands
MDR - D4 - P18	Godinho Patrícia	Photoinduced Radical Cascade for the Synthesis of Enantiopure 2-Benzofuranyl C-Glycosides
MDR - D4 - P19	Kim Eunae	Synthesis of Mevalonate Derivatives via LiNTf2 catalyzed Mukaiyama Aldol Reaction
MDR - D4 - P20	Lee Garyeong	Mild Radical Construction of Tricyclic Tetrazoles via In Situ Diazotization
MDR - D4 - P21	Nam Ha Yun	Nazarov Cyclization of α -SCF3 Vinyl (Hetero)aryl Ketones Enabled by Trifluoromethylthio Group

