

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

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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

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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

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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