

DAY	N°	CREATEUSERID	TITLE
Monday 28	1	Asgari Mehrdad	Study of structural derived parameters on the gas adsorption properties of Cu-BTTRI framework by in-situ diffraction techniques
Monday 28	2	Mendt Matthias	Electron Paramagnetic Resonance Characterization of Ni ²⁺ -Co ²⁺ Mixed-Metal Paddlewheel Units in Flexible DUT-8(Ni _{1-x} Co _x) Metal-Organic Frameworks with Varying Cobalt Concentration
Monday 28	3	Pallach Roman	Flexible, Responsive and Breathing IRMOFs
Monday 28	4	Mali Gregor	Studying non-periodic motifs in MOFs with solid-state NMR
Monday 28	5	Poryvaev Artem	Nitroxide radicals entrapped by ZIF-8 cavity: catalysis and sensing
Monday 28	6	Moeller Andreas	CO ₂ and SO ₂ separation from CH ₄ - and N ₂ -rich gas mixtures studied by breakthrough experiments on a Copper-based MOF
Monday 28	7	Rauche Marcus	Solid State NMR Spectroscopy of Selectively Isotope-Labeled DUT-8(Ni) to Investigate MOF Flexibility
Monday 28	8	Iacomi Paul	Using low temperature calorimetry to explore the temperature and adsorbate dependence of compliance in DUT-49
Monday 28	9	Llewellyn Philip	Data mining for interesting separation materials in an adsorption dataset
Monday 28	10	Zhehao Huang	Automated Electron Diffraction Techniques for Ab Initio Structure Determination
Monday 28	11	StÄnglich Robert	Probing porosity of PCN-221 bulk and thin films with hyperpolarized ¹²⁹ Xe
Monday 28	12	Dietzel Pascal	Effect of pore size and open metal sites on the sorption properties of the isoreticular CPO-54-M series with honeycomb structure
Monday 28	13	Mikulska Iuliia	X-ray absorption spectroscopy: powerful characterization tool for studying adsorption of VOCs in Basolite F300
Monday 28	14	Canossa Stefano	The real structure of functionalised MOFs: behind the mask of random disorder
Monday 28	15	Francesca Bonino	Synthesis and characterization of a novel azo dye-based Cerium(III) Metal Organic Framework
Monday 28	16	Ryu Unjin	Stimuli-responsive Drug Delivery Systems of Photo-labile Metal Organic Frameworks
Monday 28	17	Ahmed Ahmed	Novel Zn and Mg MOFs based on azo-dicarboxylate ligands and their potential for drug delivery
Monday 28	18	Forgan Ross	Selective Anticancer Drug Delivery from Surface Modified Metal-Organic Framework Nanoparticles
Monday 28	19	Markopoulou Penny	Biocompatibility Screening of Metal Organic Frameworks.

Monday 28	20	Panagiotou Nikolaos	Fluorescent surface functionalisation of metal-organic framework nanoparticles to target hard-to-treat cancers
Monday 28	21	Lee Chang Yeon	Nano-sized Mixed Ligand Metal-Organic Frameworks for Ameliorated Photodynamic Therapy Application
Monday 28	22	Ettliger Romy	Nano-sized MOFs as 'arsenic trioxide' carrier for pH-triggered drug release
Monday 28	23	Lepoitevin Mathilde	Synthesis and functionalization of nanoparticles of MOFs towards biological applications
Monday 28	24	Heng Zhao	Design of hybrid materials based on Metal Organic Frameworks and maghemite nanoparticles for theranostic applications
Monday 28	25	Morgane Yquel	Synthesis of New [MF6]2- based Porous Metal-Organic Frameworks
Monday 28	26	Vassaki Maria	Calcium Bisphosphonate MOFs as Drug Release Systems of Bisphosphonate Antiosteoporotic Drugs
Monday 28	27	Mielcarek Angelika	Surface modifications of Metal-Organic Frameworks to improve biodistribution and pharmacokinetics
Monday 28	28	Trukhina Olga	Porphyrin-based MOF with Zr8 oxo-cluster for aldose epimerization
Monday 28	29	Kalaj Mark	Metal Organic Frameworks and The Degradation of Chemical Warfare Agent Simulants
Monday 28	30	Weigelt Vincent	Cyanovinylene Based Covalent Organic Frameworks for Photocatalysis
Monday 28	31	Chakraborty Debanjan	Cu/Cu ₂ O Nanoparticles Supported by Phenol-Pyridyl COF as Heterogeneous Catalyst for the Synthesis of Unsymmetrical Diynes via Glaser-Hay Coupling
Monday 28	32	Marco Ranocchiari	Microporous materials can do much more than you think in catalysis : How adsorption-driven kinetic modulation (AKM) affects selectivity
Monday 28	33	Abednatanzi Sara	Metal-free aerobic oxidative coupling of amines by N-heterocyclic Covalent Organic Frameworks
Monday 28	34	Gohari Derakhshandeh Parviz	Effect of the nature of the support (UiO-67 vs. CTF) on the catalytic performance of Ru(III) complex for aerobic oxidation of alcohols
Monday 28	35	Shu Yasuhiro	Fabrication of single atomic Co on N-doped graphene via sequential treatments as an excellent electrocatalysts for oxygen reduction reaction

Monday 28	36	Valiente Sanchez Alejandro	Aerobic Homocoupling of Arylboronic Acids Catalyzed by Regenerable Pd(II)@MIL-88B-NH ₂ (Cr)
Monday 28	37	Auer Bernhard	Synthesis and Performance of a Multicomponent MOF Containing Metal Catalytic Sites
Monday 28	38	Koschnick Charlotte	Towards MOF Films for Photoelectrocatalytic Water Splitting
Monday 28	39	Liu Ying-Ya	Metal complexes modified MOF/COF materials: single-site heterogeneous catalysts for liquid phase oxidation
Monday 28	40	Kaur Harpreet	Zn(II) based dual-functional MOF for the highly selective sensing and photocatalytic reduction of Cr(VI) under natural sunlight
Monday 28	41	Kampmann Jonathan	Conjugated 2D Covalent Organic Framework Thin Films as novel Absorber Material for Photoelectrochemical Hydrogen Evolution
Monday 28	42	Sadovnik Nicolas	Metal-Organic Frameworks for improving the Urea-Selective Catalytic Reduction (SCR) of NO _x at low temperature
Monday 28	43	Piscopo Calogero Giancarlo	Continuous Flow Desulfurization of a Model Fuel Catalysed by Titanium Functionalized UiO-66
Monday 28	44	Stawowy Michalina	Methanol synthesis via carbon dioxide hydrogenation on cerium and zirconium based MOF
Monday 28	45	Nophut Sara Lena	Porous Phosphorous Organic Frameworks to Immobilise Molecular Hydroformylation Catalysts
Monday 28	46	Matt Yannick	Tuneable and Dynamic Frameworks via Nitroxide Exchange Reaction
Monday 28	47	Ratsch Martin	Smooth 3D covalent organic framework films
Monday 28	48	Rager Sabrina	Scaffold-Induced Diketopyrrolopyrrole Molecular Stacks in a Covalent Organic Frameworks
Monday 28	49	Roeser JÃ©rÃ©me	3D Anionic Silicate Covalent Organic Framework with srs Topology
Monday 28	50	Keller Niklas	Enforcing Extended Porphyrin J-Aggregate Stacking in Covalent Organic Frameworks
Monday 28	51	Reuter Stephan	Expansion of the BDT-backbone for photoactive COF materials
Monday 28	52	Bessinger Derya	Spectrally Switchable Photodetection with Near-Infrared-Absorbing Covalent Organic Frameworks
Monday 28	53	Kline Neal	Probing the Connection Between Low-Frequency Vibrational Modes and Macroscopic Structural Behavior of Metal Organic Frameworks

Monday 28	54	Von Wedelstedt Alexander	Unusual Behavior of Microscopic Water Droplets on the External Surface of Metal-Organic Frameworks
Monday 28	55	Kamencek Tomas	Phonon-Related Properties in Metal-Organic Frameworks from First Principles
Monday 28	56	Costantino Ferdinando	Exploiting NH ₂ -UiO66@TiO ₂ nanocomposite system for photocatalytic application. An integrated experimental and theoretical approach.
Monday 28	57	Evans Jack	Effects of Temperature and Adsorbate on Negative Gas Adsorption Processes
Monday 28	58	Brandt Philipp	MOFs with Potential Application for SO ₂ -Separation and Flue Gas Desulfurization
Monday 28	59	Yu Kai Bin	Direct simulation of water intrusion MOFs
Monday 28	60	Windischbacher Andreas	Theoretical investigation of energy transfer in a Zn-SURMOF
Monday 28	61	Fritz Ruben	Computational screening of birefringent MOFs crystals for quantum key distribution
Monday 28	62	Sillar Kaido	Ab initio prediction of gas mixture co-adsorption isotherms. The effect of lateral interactions
Monday 28	63	Kwon Ohmin	Rational design of MOF@MOF
Monday 28	64	Addicoat Matthew	Filling MOFs and COFs: Where do complex molecules bind?
Monday 28	65	Mula Srinidhi	Piezoelectricity in Metal Organic Frameworks
Monday 28	66	Yazaydin Ozgur	Direct simulations of gas separations in MOF membranes at the molecular scale
Monday 28	67	Keupp Julian	Towards a Thermodynamic Understanding of the Linker Dependent Breathing Transitions in M2
Monday 28	68	Hoffman Alexander	Modifying the terahertz vibrations in MIL-53-type materials: The impact of building block substitution on the flexibility
Monday 28	69	Treger Marvin	Examination of metal-organic frameworks for optical applications
Monday 28	70	Vanduyfhuys Louis	Unraveling the Thermodynamic Conditions for Negative Gas Adsorption in Soft Porous Crystals
Monday 28	71	Ozcan Aydin	Modelling "Misfits": Simulation of gas transport across MOF interfaces assembled with free energy calculations
Monday 28	72	Erkal Turan	Modelling Enantiomer Separation in Chiral Metal Organic Frameworks
Monday 28	73	Gonzalez-Nelson Adrian	Rotational dynamics of functionalized linkers in MIL-53(Al): Experimental and computational insights
Monday 28	74	Rogge Sven	Unravelling the Thermodynamic Criteria for Size-Dependent Spontaneous Phase Separation in Soft Porous Crystals
Monday 28	75	Lalitha, Anusha,	Atomistic Study of Metal-Organic Framework-based Composites Interfaces

Monday 28	76	Wahiduzzaman Mohammad	Computational Guided Design and Discovery of MOFs
Monday 28	77	Lamaire Aran	Structural organisation of confined water in zirconium-based metal-organic frameworks
Monday 28	78	Altintas Cigdem	Predicting CO ₂ /CH ₄ Separation Performance of MOF Membranes and MOF/Polymer Mixed Matrix Membranes
Monday 28	79	Mendonça Mileo Paulo	Computational exploration of unusual water adsorption mechanisms in Metal Organic Frameworks
Monday 28	80	Borgmans Sander	Tuning interlayer interactions in 2D covalent organic frameworks towards increased crystallinity
Monday 28	81	Nicolas Heymans	CO ₂ Capture by Adsorption Processes with Metal-Organic Framework/Graphene Oxide Composites
Monday 28	82	Hutereau Martin	Correlated Defects in UiO-66: Hunting for an Answer
Monday 28	83	Wolf Mathias	Efficient generation of DFWM by accommodation of NLO-active molecules into CPs
Monday 28	84	Buscarino Gianpiero	Structural Weakness of HKUST-1 Powders upon Mechanical Compaction: Unveiled Its Origin and
Monday 28	85	Haldar Sattwick	Anthracene-Resorcinol Derived Covalent Organic Framework as Flexible White Light Emitter
Monday 28	86	Sen Beren	Polymerization in Surface-Anchored Metal-Organic Frameworks
Monday 28	87	Gubicza Agnes	Charge transport measurements in conductive metal-organic frameworks
Monday 28	88	Xanthopoulos Konstantinos	Novel Metal Phosphonosulfonate Materials As Platforms For Enhanced Proton Conduction
Monday 28	89	Zareba Jan	Three-Photon Absorption of Coordination Polymer Transforms UV-to-VIS Thermometry into NIR-to-VIS Thermometry
Monday 28	90	Terracina Angela	Hydration process of HKUST-1 and of its water-resistant counterparts STAM-17-OEt and STAM-1 investigated by Electron Paramagnetic Resonance
Monday 28	91	Chaplais Gérald	Assessment of the energetic performances of ZIFs-based systems using high pressure intrusion-extrusion experiments
Monday 28	92	Barkan Ztark Hande	The Micromixing Properties of PolyHIPes
Monday 28	93	Kiran, Taksande	Exploration of proton conduction in guest@MOFs through the incorporation of water, protic solvents and ionic liquids

Monday 28	94	Tasiopoulos Anastasios	A microporous Co(II) - based 3-D metal organic framework built from magnetic infinite rod-shaped secondary building units
Monday 28	95	Mollick Samraj	Outer Surface Hydrophobic Shielding Strategy to Enhance the Chemical Stability of Metal-Organic Polyhedra
Monday 28	96	Alexander Francesca	Thermodynamics of Guest Inclusion in Type 2 Porous Liquids
Monday 28	97	Grancha Thais	Rhodium(II)-based MOPs as Vehicles for pH- and Cation Exchange-driven Transport of Cargoes across Biphasic Systems
Monday 28	98	Crawford Deborah	Investigation of New Hosts for the Development of Type 2 Porous Liquids
Monday 28	99	Mylonas-Margaritis Ioannis	A new class of coordination polymers and MOFs by the combination of chelate and bridging organic ligands
Monday 28	100	Tomaszewski Patryk	Nanoporous ionic organic networks (NIONs) based on functionalised tetraarylborates
Monday 28	101	Breunig Marion	Enhancement of Ultramicroporosity in Microporous Organic Polyimides for high CO ₂ uptake and selectivity
Monday 28	102	Moritz Isabel Christin	Hypercrosslinked Polymers – High Performance Adsorbents in Selective Liquid Phase Separation
Monday 28	103	Alsadun Norah	Reticular chemistry addressing hydrocarbons separation challenge: fine-tuned Rare-earth ftw-MOFs for C ₃ and C ₄ olefins separation.
Monday 28	104	Schukraft Giulia	A 2D-2D titanium dioxide/metal-organic framework heterojunction for photocatalytic enhancement
Monday 28	105	Wang Hongliang	Engineering the Interfaces in Metal-Organic Framework-Based Mixed Matrix Membranes Using Polyimide Brushes
Monday 28	106	Magdysyuk Oxana	Noble gas adsorption in MFU-4l frameworks with different metal atoms
Monday 28	107	Ehrling Sebastian	Impact of Metal Node on Flexibility and Gating Transition in DUT-8 Metal-Organic Frameworks
Monday 28	108	Porcino Marianna	Interfaces in drug loaded nanoMOFs investigated by high-resolution solid-state NMR spectroscopy
Monday 28	109	Chen Dong-Hui	Tuneable Emission in Ln-SURMOF Heterolayer Thin Films
Monday 28	110	Christodoulou Ioanna	New insights into the degradation mechanism of Metal Organic Frameworks for bioapplications
Monday 28	111	Strauss Ina	Tetrathiafulvalene doped Cobalt containing MOF-74 for Resistive Gas Sensing

Monday 28	112	Ukaj Dardan	Guest-Induced Charge-Transfer in Tetrathiafulvalene-based Metal-Organic Frameworks
Monday 28	113	Leloire Mañ«va	Capture of iodine in zirconium based Metal-Organic Framework
Monday 28	114	Maliuta Mariia	Selective pore opening and gating of the pillared layer metal-organic framework DUT-8(Ni) upon liquid...
Monday 28	115	Boyadjieva Sophia	Stability Study of Surface-Functionalised Metal-Organic Framework UiO-66 for Drug Delivery
Monday 28	116	Senkovska Irena	Exploring the limits of ultrahigh porosity in crystalline framework materials
Monday 28	117	Gascon Ignacio	Fabrication and applications of MOF ultrathin films
Monday 28	118	Yuan Hongye	Chip-Level Integration of Metal-Organic Frameworks for Capacitive Gas Sensing
Monday 28	119	Steitz Daniel	What are the major challenges of commercialisation of MOFs? An insider's perspective
Monday 28	120	Felsner Bodo	DUT-13 « mesoporous switchable MOF with adsorption induced transitions
Monday 28	121	Urtiaga Karmele	Study of gas adsorption/solution process over UIO66@IL composite materials
Monday 28	122	Amer Hamzah Harina	Surface Modification of Metal-Organic Frameworks with Substituted Azobenzenes for Controlled Hydrogen Trapping and Release
Monday 28	123	Abylgazina Leila	Crystal size-dependent structural transformations in DUT-8(Zn)
Monday 28	124	Tobie Matemb Ma Ntep	Halogen Functionalization of Zirconium Fumarate via in-situ hydrohalogenation of Acetylenedicarboxylic...
Monday 28	125	Muhammad Zeeshan	A Core-Shell Type Ionic Liquid/Metal Organic Framework Composite: an exceptional improvement in CO2..
Monday 28	126	Sapianik Aleksandr	Preorganized heterometallic MOFs for C3Hx and benzene/cyclohexane separation
Monday 28	127	Barsukova Marina	Highly stable scandium-organic frameworks for separation of light hydrocarbons
Monday 28	128	Enakieva Yulia	Zinc metal-organic framework based on nickel(II) porphyrinylphosphonate: synthesis, characterization and proton-conductive properties
Monday 28	129	Schulz Marcel	Functionalised MOFs with MIL-140D structure as sensing materials
Monday 28	130	Abñjnades Isabel	Defect Engineering of Zirconium and Titanium Organic Frameworks
Monday 28	131	Sastre German	Selective gate-driven diffusion in MFU-4 through molecular dynamics
Monday 28	132	Feng Xiao	Engineering an ultra-stable UiO-66 with the highest possible number of defects, the role of the hemilabile linker
Monday 28	133	MatjaÅ¼ Mazaj	Cation exchange in charged metal-organic framework for tuning CO2 capture and utilization properties

Monday 28	134	Planas Jose Giner	Carborane-based Linkers for MOFs: A new generation of flexible and water stable materials
Monday 28	135	Benecke Jannik	Synthesis and Characterisation of a Ferrocene-dicarboxylic Acid based Aluminium MOF with MIL-53-architecture.
Monday 28	136	Sevim Semih	Microreactors as Advanced Tools for Controlled Surface Chemistry
Monday 28	137	Scheurle Patricia	A highly Crystalline Anthracene based MOF-74 Series featuring Electrical Conductivity and Tunable Luminescence
Monday 28	138	JosÃ© Navarro	Translocation of Enzymes into a Mesoporous MOF for Enhanced Catalytic Activity Under Extreme Conditions
Monday 28	139	Lopez-Periago Ana	Compressed Fluid Technology for the Preparation of Metal-Organic Frameworks
Monday 28	140	Demirel Ã–zlem Haval	Selective Ion-Transport using Metal Organic Frameworks
Monday 28	141	Yazdi Amirali	Fabrication of Aerogels made of Graphene Oxide and Metal-Organic Frameworks Using Supercritical CO2 Methodology
Monday 28	142	Sinelshchikova Anna	Structural features of metal-organic frameworks based on nickel(II) and palladium(II) porphyrinylphosphonates
Monday 28	143	Schwotzer Friedrich	Solvent induced polymorphism of the two-dimensional metal-organic framework Cu(dttc)
Monday 28	144	Le Ouay Benjamin	Purification of polymers by insertion inside MOFs
Monday 28	145	Mcperson Matthew	Defect Engineered Metal-Organic Frameworks for Carbon Capture: Amino Acids as Functional Groups for improving CO2 uptake in Zr-MOFs.
Monday 28	146	Trikalitis Pantelis	Controlling the structural diversity between lanthanide and Zr/Hf MOFs via linker design: functional materials for catalysis and advanced gas separations
Monday 28	147	Kang Minjung	Diamine-functionalized MOFs with high moisture stability and energy-efficient regeneration as CO2 adsorbents
Monday 28	148	Haja Mohideen Mohamed Infas	Synthesis of novel Cu-MOF with subtle structure flexibility and redox activity
Tuesday 29	1	Dumas Eddy	Selective capture of volatile organic compounds with metal organic framework nanoparticles
Tuesday 29	2	Peil Stefan	11B-MAS-NMR study on the decomposition of ammonia borane nanoconfined in Al-MIL-53

Tuesday 29	3	Gliemann Hartmut	ZnO based gas sensitive core-shell heterostructures coated with ZIF-8 show reduced cross-sensitivity to humidity
Tuesday 29	4	Angeli Giasemi	Remarkable structural diversity between Zr/Hf and Lanthanide-based MOFs using functionalized...
Tuesday 29	5	Gan Lei	A Reversible Phase Transition of 2D Coordination Layers by H_2O - $\text{Cu}(\text{II})$ Interactions in a Coordination Polymer
Tuesday 29	6	Chiara Petrillo	Post-synthetic modification of metal-organic frameworks for the development of polymeric core-shell composites
Tuesday 29	7	Roztocki Kornel	Eightfold Interpenetrated Zinc MOF: Gated Adsorption, Structural Dynamics and Resistive Sensing
Tuesday 29	8	Rodriguez Sabina	Vapour-phase deposition of HKUST-1 films
Tuesday 29	9	Årker Secil	MOF-74/KB Composite as Efficient Catalyst for Electrochemical Water Oxidation Reaction
Tuesday 29	10	Erik Svensson Grape	Flexible Inorganic Building Units: A Breathing Bismuth MOF
Tuesday 29	11	Boehme Anne	Titanium MOFs as extraordinary additives to sunscreens for UV protection and scavengers for harmful byproducts of reactive oxygen species
Tuesday 29	12	Giancola Stefano	TAMOF-1, a low-cost and robust Metal Organic Framework for low energy carbon dioxide separation
Tuesday 29	13	Schrand Christina	Photochemical [2+2] cycloaddition in MIL-140D derivatives as a synthesis tool for novel linker molecules
Tuesday 29	14	Daglar Hilal	Molecular Simulations of MOF Membranes for CO ₂ /N ₂ /H ₂ O Separations
Tuesday 29	15	Andres-Garcia Eduardo	A Breakthrough in Gas Separation
Tuesday 29	16	Sharma Shivani	Efficient capture of toxic oxoanions of Se(VI) and As(V) accompanied with direct crystallographic evidence in a water-stable cationic MOF
Tuesday 29	17	Kavun Vitalii	Metal-organic framework, MIL-101 (Cr), for the recovery of rear earth elements from the secondary resources
Tuesday 29	18	Schlüsener Carsten	Solid-Solution Mixed-Linker-Synthesis of Isoreticular Al-based MOFs for an Easy Hydrophilicity Tuning in Water-Sorption Heat Transformations
Tuesday 29	19	Akpinar Isil	Investigation of Efficient Adsorbents for Pharmaceuticals and Endocrine Compounds Removal from Water
Tuesday 29	20	Efthymiou Constantinos	A Novel Highly Porous MOF and its Use as a Drug Delivery Carrier

Tuesday 29	21	Zappe Lisa	Proton Conduction Mechanisms in Metal Organic Frameworks
Tuesday 29	22	Aleksandrov Evgenii	Topological taxonomy and design of networks and entanglements
Tuesday 29	23	Mohd Azmi Luqman Hakim	Facile surface modification strategy for hydrophilic metal organic frameworks
Tuesday 29	24	Kapteijn Frederik	Cation Influence in Adsorptive Propane/Propylene Separation in ZIF-8 (SOD) topology
Tuesday 29	25	Cadiou Amandine	New Titanium based MOF with visibleâ€“lightâ€“responsive photocatalytic activity
Tuesday 29	26	Ott Sascha	Molecular Catalysis of Energy-Relevance in Conducting Metal-Organic Frameworks
Tuesday 29	27	Mehta Nimai	Understanding monomer behaviour and polymerisation mechanism in Metal-Organic Frameworks.
Tuesday 29	28	Hanck-Silva Gilmar	One-pot synthesis of gallic acid-loaded ZIF-8 to application in prostate cancer treatment
Tuesday 29	29	Villajos Jose	Creation of structural defects in a Co-MOF-74 structure by mixing topologically-different linkers to improve the exposed metal sites activation
Tuesday 29	30	Tian Tian	Monolithic metal-organic framework: towards breaking DOE targets for methane uptake
Tuesday 29	31	Pimenta Vanessa	Carboxylate based MOFs: next generation anodes for Na-ion batteries
Tuesday 29	32	Crivello Chiara	Simple fabrication of patterned MOF thin films via area selective deposition of ZnO ...
Tuesday 29	33	Doan Huan	Defective hierarchical porous copper-based metal-organic frameworks synthesised via facile acid etching strategy
Tuesday 29	34	Falkowski Joseph	Dialing Flexibility: Tuning the thermodynamics of phase contraction of the ZIF-7-like structure EMM-36
Tuesday 29	35	Santana Cesar	Synthesis of amylose carbamate functionalized ZIF-8 for chemical
Tuesday 29	36	Smets Daniel	The Influence of Fluorination on the Structures of Trimesate-based MOFs
Tuesday 29	37	Demakov Pavel	Functional Trans-1,4-cyclohexanedicarboxylate MOFs
Tuesday 29	38	Rixson Daniel	Inclusion and Release of Guest Pheromones from Metal-Organic Frameworks
Tuesday 29	39	Solovtsova Olga	Structural-Energy Characteristics and Adsorption Capacity of Compacted Metal-Organic Frameworks
Tuesday 29	40	Men'shchikov Ilya	MOF-based functional materials and composites for gas-powered drones and vehicles
Tuesday 29	41	Kochetygov Ilia	Selective CO2 adsorption in Cu-Sp5 metalâ€“organic framework: synergy between open metal sites and charged framework backbone

Tuesday 29	42	Karve Vikram	Efficient reductive amination of HMF with well-dispersed Pd nanoparticles immobilized in a porous MOF/polymer composite
Tuesday 29	43	Benseghir Youven	Noble metal-free photosystem based on cobalt-polyoxometalate immobilized in a porphyrinic metal-organic-framework for water oxidation, towards thin film production
Tuesday 29	44	Kolodzeiski, Pascal	Porous hybrid glasses from low-melting mixed-linker ZIFs
Tuesday 29	45	Simonsson Isabelle	Odor capture by zinc and iron metal-organic frameworks: A study on trimethylamine and p-cresol adsorption in aqueous phase
Tuesday 29	46	Dodson Ryan	Two-Dimensional Powder X-Ray Diffraction Studies of MOF Activation: Connecting Structure and Porosity
Tuesday 29	47	Mehta Joshua	New zirconium subunits and their role in metal-organic framework syntheses
Tuesday 29	48	Gjuzi Eva	Synthesis and characterization of mixed-linker MOFs containing a paramagnetic linker
Tuesday 29	49	WeishÃ¼pl Sebastian Josef	Metal-Organic Frameworks as materials for nonlinear optical properties
Tuesday 29	50	GrÃ¼neberg Julia	Anionic Silicate Covalent Organic Frameworks Based On Hypercoordinate Silicon Building Blocks
Tuesday 29	51	Winterlich Meghan	A Novel Flexible Mixed Metal Organic Framework with Low Toxicity as a Drug Carrier
Tuesday 29	52	Thom Alexander	Guest Uptake Studies in a Series of Novel Scandium Metal Organic Frameworks
Tuesday 29	53	Schmitz Katharina;	CFA-18: A newly developed homochiral metal-organic framework (MOF) with an enantiopure rigid - backbone triazolate ligand
Tuesday 29	54	LuliÅ„ski Sergiusz	Functionalized Tetraarylborates as Ionic Building Blocks of Porous Organic Networks
Tuesday 29	55	Polyzoidis Angelos	Retaining hazardous gases towards enhanced protective equipment
Tuesday 29	56	Ten Sergey	New method for preparation of bimetallic nanoparticles directly inside the pores of microporous MOFs of UiO-66 family
Tuesday 29	57	Cahir John	Synthesis, Design and Investigations into new Type 3 Porous Liquids
Tuesday 29	58	Lai Beibei	Synthesis of new Type 3 Porous Liquids for the Separation of Ethane and Ethylene by Selective Adsorption
Tuesday 29	59	Nozari Vahid	Exceptionally High Na-ion Conduction via Infiltration of an Ionic Liquid into MOF pores
Tuesday 29	60	Walenzus Francesco	Negative Gas Adsorption in Functionalized MOFs
Tuesday 29	61	Perman Jason	Purine MOFs and Characterizing Porous Materials

Tuesday 29	62	Länder Lars	Synthesis of conductive metal-organic frameworks for biochemical sensing
Tuesday 29	63	Kodolitsch Katharina	Construction of microporous coordination polymers with bifunctional linkers
Tuesday 29	64	Yang Shuliang	A new post-synthetic polymerization strategy makes metal-organic frameworks more stable
Tuesday 29	65	Tajnájek Tia Kristian	Synthesis of new porous bioMOF based on ascorbic acid and zinc for biomedical application
Tuesday 29	66	Sun Daniel	Design of Porous MOF/Polymer Composites for Selective and Enhanced Chemical Separations in Aqueous Media
Tuesday 29	67	Justin Anita	Selective low pressure CO ₂ capture using polyethylene imine impregnated mesoporous silica
Tuesday 29	68	Frentzel-Beyme, Louis	Reticular design of self-templated porous sodium organic salts
Tuesday 29	69	Butova Vera	Defect engineering in UiO-66-NDC: from local to large-scale defects
Tuesday 29	70	Liu Fengqing	Using Type 3 Porous Liquids to make Porous Waxes
Tuesday 29	71	Siyuan Liu	Transparent Type-3 Porous liquids from nanoparticulate Metal Organic Frameworks
Tuesday 29	72	Kundu Tanay	Engineering Breathing in Metal-Organic Frameworks for Efficient Natural Gas Delivery
Tuesday 29	73	Perrot Virginie	Growth and characterization of ZIF-8 thin films from vapor-phase conversion of zinc oxide
Tuesday 29	74	Heinz Werner	Mixed Precious-Group Metal-Organic Frameworks - Case Study of the HKUST-1 Analogue [RuRh ₃ -x(BTC) ₂]
Tuesday 29	75	Porto's Gil Néria	One-pot synthesis of single and mixed-metal coordination polymers in scCO ₂
Tuesday 29	76	Bara Dominic	Modulated Synthesis of Chromium Metal-Organic Frameworks
Tuesday 29	77	Polyukhov Daniil	Penetration of small molecules through the windows of ZIF-8 monitored by Electron Paramagnetic Resonance
Tuesday 29	78	Rosado Albert	HKUST-1@GO composite aerogels prepared in supercritical CO ₂ for gas adsorption
Tuesday 29	79	Mähringer Andre	Nanostructured and Highly Oriented 2D Metal-organic Framework Films - the Role of Surface Roughness
Tuesday 29	80	Schulze Hendrik	Electrically conductive composites of metal-organic frameworks and carbon nanotubes
Tuesday 29	81	Bitzer Johannes	Modulated Synthesis of Chromium Metal-Organic Frameworks
Tuesday 29	82	Obst Martin	Preparation of IL/MOF Composites via Ship-in-Bottle Method

Tuesday 29	83	Y. Zhu	Synthesis of microporous carbon with highly dispersed Co/N species using Co/2-methylimidazole anchored to Y zeolite as a template
Tuesday 29	84	Borr�js Caballero Alejandro	Preparation of a Hierarchical Porous ZMOF@GO Structure by Supercritical CO ₂
Tuesday 29	85	Keppler Nils Christian	Metal-organic framework thin films for optical applications
Tuesday 29	86	He Sanfeng	Metal-Organic Framework-Based Porous Liquids with Tunable Pore Functionality and Sorption Properties
Tuesday 29	87	Carne-Sanchez Arnau	Humidity-driven self-shaping composite films powered by the breathing motion of MIL-88A crystals
Tuesday 29	88	Garai Bikash	Post-synthetic metal ion exchange towards negative gas adsorption featured metal-organic frameworks
Tuesday 29	89	Astria Efwita	Carbohydrates@MOFs
Tuesday 29	90	Morris William	Transitioning Metal-Organic Frameworks to Commercial Products: Challenges, Successes, and Future Perspectives
Tuesday 29	91	Freitas Ana Filipa	Production of metal-organic frameworks (MOFs) in continuous mode by a novel mixing technology - NETmix
Tuesday 29	92	Caddeo Francesco	Integrating NanoMOFs on photo-electrocatalytic devices
Tuesday 29	93	Parra Vello Tatiana	Insights on the growth mechanisms of Surface-Mounted Metal-Organic Frameworks
Tuesday 29	94	Manquian Carolina	Synthesis of activated carbon@MOF composites for biogas filtration
Tuesday 29	95	Durka Krzysztof	Covalent and Hybrid Organic Frameworks Based on Boronated Triphenylphosphine...
Tuesday 29	96	Enr�quez Javier	Controlled growth of the non-centrosymmetric Zn(3-ptz) ₂ and Zn(OH)(3-ptz) metal-organic frameworks
Tuesday 29	97	Lavenn Christophe	Design of a flexible MOF for enhanced separation and purification of light hydrocarbon mixtures
Tuesday 29	98	Chi-Dur�jn Ignacio Xionkon	Azide-based high-energy Metal-Organic Framework with enhanced thermal stability.
Tuesday 29	99	Kang Dong Won	Development of a Hydrogen-Bonded Organic Framework for Selective Ammonia Capture
Tuesday 29	100	Wieser Sandro	Understanding the bottlenecks of thermal transport in metal-organic frameworks
Tuesday 29	101	Winterstein Simon	Nanoporous organic sulfonated network for proton conduction
Tuesday 29	102	D'amato Roberto	New Synthetic Approach for the Preparation of Zirconium or Cerium based UiO-66 MOFs without preformed clusters

Tuesday 29	103	Kravchenko Dmitry	Chemical vapor deposition of ultra-microporous MOF thin films
Tuesday 29	104	Gorzowska-Sobas Agnieszka Anna	Towards adsorptive and catalytically active materials using an all-gas-phase UiO-66-NH ₂ synthesis approach
Tuesday 29	105	Gokay Avci	Computational Screening of MOF Membranes for pre-combustion H ₂ Purification and CO ₂ sequestration
Tuesday 29	106	Hussain Mian Zahid	Role of water vapors in MOF derived bimetal oxide/carbon nanocomposites for photocatalytic applications
Tuesday 29	107	Aust Margit	Dithiocarboxylate Ligands towards Sulfur-Based Metal-Organic Frameworks
Tuesday 29	108	Lugier Olivier	Effects of synthetic conditions and ligand functional groups on the quality of copper-based SURMOFs thin films.
Tuesday 29	109	Osterrieth Johannes	Core-shell Gold Nanorod@Zirconium-based metal-organic framework composites as in situ size-selective Raman Probes
Tuesday 29	110	Thiam Zeynabou	Minimal Edge-Transitive related Nets: a new Guide for the Assembly of Highly Coordinated MOFs based on the Double Six-Membered Ring Molecular Building Block (MBB)
Tuesday 29	111	Taddei Marco	Band gap modulation of zirconium-based metal-organic frameworks by defect engineering
Tuesday 29	112	Henfling Stefan	Dithiolene based coordination polymers
Tuesday 29	113	Van Der Veen Monique	A Versatile Coordination Modulator of the growth of Aluminum Metal-Organic Frameworks
Tuesday 29	114	Aunan Erlend	Post-synthetic functionalization of Zr metal-organic framework MOF-808
Tuesday 29	115	Connolly Bethany	The Future of Fuel: High Density Gas Storage in Monolithic Metal-Organic Frameworks
Tuesday 29	116	Souza Barbara	Guest-host interactions of nanoconfined anti-cancer drug in metal-organic framework exposed by terahertz dynamics
Tuesday 29	117	De Villeneuve Catherine	Growth of Fe-based MOF onto functionalized Silicon surfaces
Tuesday 29	118	Richter Hans-Juergen	Shaping of MOFs using powder technological processes
Tuesday 29	119	Surbella Robert	Functional f-element frameworks: Application to actinide sensing and photophysics
Tuesday 29	120	Kang Yujin	NEW DELIVERY Bio-MOF: Encapsulation of the Retinal within PEO/PCL block copolymer/ZIF-8
Tuesday 29	121	Christoffels Ronja	New Uranium Based CPs and MOFs with Fluorinated Biphenyls

Tuesday 29	122	Rueff Jean-Michel	Metallophosphonates from polyfunctional rigid phosphonic acids
Tuesday 29	123	Jarju Jenni	Metal Incorporation into Covalent Organic Frameworks for Catalysis.
Tuesday 29	124	Deresteanu Olivia	Continuous, Greener Synthesis of Metal-Organic Frameworks
Tuesday 29	125	Bourelly Sandrine	High-throughput Experiments and Adsorption Microcalorimetry to Characterize Pure MOFs and MOF/GO Composites for Carbon Capture Applications
Tuesday 29	126	Vuong Dang Le Mai	Investigating degradation mechanism of nanoMOFs-drug carriers by solid-state NMR spectroscopy
Tuesday 29	127	Castillo-Blas Celia	Heterometallic MOF-808 frameworks for the removal of pollutants in water
Tuesday 29	128	Sringeri Ramesh Sushrutha	Renewable Production of Aromatics from Biofeedstocks over MOF Based Catalyst
Tuesday 29	129	Yanjun Sun	Influence of the Structure of Rh supported Zr-MOF Catalysts on the Performance in the Hydroformylation of Olefins
Tuesday 29	130	Gkaniatsou Effrosyni	Functionalized MIL-101(Cr) series for the design of enzyme-MOF biocatalysts
Tuesday 29	131	Elliott Caroline	Stable MOFs for the Catalytic Destruction of Chemical Warfare Agents and Simulants
Tuesday 29	132	Bae Jinhee	Enhancement of the Hydrolytic Stability of Cu ₃ (BTC) ₂ by Coordinative Reduction
Tuesday 29	133	Sharma Ravi	Exceptional HCl removal from Hydrogen gas by Reactive Adsorption on a Metal-Organic Framework
Tuesday 29	134	Bhattacharya Saurav	Discovery of Polyoxo-Noble-Metalate-Based Metal-Organic Frameworks
Tuesday 29	135	Gilmanova Leisan	Water-stable ferrocenylphosphinic acid based porous coordination polymers. Synthesis and properties
Tuesday 29	136	Torres Julia	Design of a white-light emitting material based on a mixed-lanthanide metal organic framework
Tuesday 29	137	Espin Jordi	Covalent Post-Synthetic Modification of MOFs Mediated by UV-Vis Light under Solvent-Free Conditions
Tuesday 29	138	Desai Aamod	Functional s-block Metal-Organic Frameworks (MOFs) as Anode Materials for Li-Ion Batteries
Tuesday 29	139	Igoa Fernando	Structure and proton conduction of new versatile heteropolynuclear metal-organic frameworks
Tuesday 29	140	Teo Wei Liang	Facile Solvent- and HF-Free Synthesis of Flexible MIL-88B (Cr)
Tuesday 29	141	Al Mohtar Abeer	New generation of robust MOFs for cultural heritage preservation
Tuesday 29	142	Cheplakova Anastasia	Porous coordination polymers based on octafluorobiphenyl-4,4'-dicarboxylate for adsorption and separation
Tuesday 29	143	Martis Vladimir	Static and dynamic co-adsorption of CO ₂ and H ₂ O on MOFs
Tuesday 29	144	Kim Kwang Bum	Hierarchical ZIF-8 derived porous carbon/graphene composite via spray drying method for energy storage applications
Tuesday 29	145	Kumar Pawan	Isolation of Co -metal ions from spent mobile battery waste and conversion into ZIF-67

Tuesday 29	146	Chang, Jong-San	The porous metal-organic framework CUK-1 for adsorption heat allocation toward green applications of natural refrigerant water
Tuesday 29	147	Hwang, Young Kyu	Isomorphously Mo(VI) Substituted Trimetallic Copper Trimesate and its Catalytic Property
Tuesday 29	148	Han Baohang	Rhenium-Metalated Polypyridine-Based Porous Polycarbazoles for Visible-Light CO ₂ Photoreduction