

POSTER SESSION I

Monday 22/09/2025

- 1 **Niloufar Abdirad**
HEAVY METALS ABSORPTION INTO THE AMINO-RICH PORE SPACE OF CUBIC AND ORTHORHOMBIC VARIANTS OF ZR(IV) AND CE(IV)-IMIDOACETATE METAL-ORGANIC FRAMEWORKS
- 2 **Sofía Barragán Soto**
AMINO ACID FUNCTIONALIZATION OF METAL-ORGANIC FRAMEWORKS TO ENHANCE CO₂ CAPTURE
- 3 **Jincheng Xu**
CONFINED GEOMETRY EFFECTS ON THE SUPERCRITICAL ADSORPTION BEHAVIOR OF HYDROGEN
- 4 **Maria Vassaki**
EXPANDING THE FAMILY OF MULTICOMPONENT ULTRAPOROUS MOFS VIA FACILE TOPOTACTIC SINGLE-CRYSTAL-TO-SINGLE-CRYSTAL METAL EXCHANGE REACTIONS
- 5 **Eunji Lee**
PYROLYTIC REARRANGEMENT OF SILVER(I) METAL-ORGANIC FRAMEWORK VIA SCSC TRANSFORMATION
- 6 **In-Hyeok Park**
SOLVENT-INDUCED SCSC CONVERSION OF HETEROBIMETALLIC TO HOMOMETALLIC 2D MOFS VIA AN ADD-AND-REMOVE STRATEGY
- 7 **Salma Benzaria**
MERGED NETS AS A PLATFORM FOR DESIGNING AND SYNTHESIZING TOPOLOGICALLY DIVERSE MOFS
- 8 **Emmanuele Cillo**
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- 9 **Aljaž Škrjanc**
BINARY SOLVENT MIXTURES IN ZIF-94 SYNTHESIS: TOWARDS CONTROLLABLE PARTICLE SIZE
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- 13 **Darosch Asgari**
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- 14 **Eleni Traka**
ESTABLISHING POROSITY IN MULTINODAL MOFS BASED ON AN OCTATOPIC ORGANIC LINKER VIA FACILE TOPOTACTIC CATION EXCHANGE REACTIONS
- 15 **Elpiniki Chachlaki**
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