



# Poster

1	Ayala, Pablo	The Emergence of 2D SBUs in MOFs for Photocatalytic HER: A Case Study with COK-47
2	Blaschke, Jakob	Single-site co-catalysts for enhanced photocatalytic CO <sub>2</sub> reduction of UiO-66
3	Blätte, Dominic	Conjugated Covalent Organic Framework from a single Two-In-One Benzodithiophene-based Node
4	Carrasco, Sergio	IMDEA-Energy Frameworks: the next-generation materials in hydrogen technologies
5	Ciftci, Esengul	Reproducibility of Flexible MIL-88B(Fe) MOFs: Synthesis Methods and Swelling Effects
6	Das, Prasenjit	Multicomponent Covalent Organic Frameworks: Design to Functions
7	Dippold, Veit	Thickness Dependent Photocatalytic Activity of Carbazole Based Polymer Films
8	Endo, Kenichi	Doubly reticulated frameworks with metal-organic and covalent organic linkages
9	Gjorgjević, Kristina	Lighting the way to Motor-MOFs
10	Gryc, David	MOF-derived 3D Electrodes for Energy Storage
11	Guntermann, Roman	Regioisomerism in Thienothiophene-based Covalent Organic Frameworks
12	Haimerl, Johanna	Design of new Linker Motifs for Photocatalytic CO <sub>2</sub> Reduction in Metal-Organic Frameworks
13	Huang, Zheao	Zeolitic Imidazolate Framework via a Synergistic Ligand Engineering Strategy for Electrocatalysis
14	Krebs, Moritz	Value-Added Products via Electrolysis
15	Kronawitter, Silva Maria	Structural Chemistry of Molecular Perovskites
16	Kultaeva, Anastasiia	Charge Separation Induced Spin Centers in Photocatalytic UiO-66 MOF
17	Manwar, Nilesh	Various Carbon Nitrides for Enhanced Photocatalytic Performance
18	Melillo, Arianna	MIP-177(Ti)_LT: from its structure to its promising photocatalytic performances
19	Naghd, Shaghayegh	Developing Water-Stable, Mixed Coordination MOFs for Optimal Adsorption Efficiency
20	Okhassova, Yasmin	Weakly coordinating Anionic Networks As A Platform For Photocatalysis
21	Ortuno, Manuel Angel	Computational simulation of metal-organic frameworks for biomass conversion
22	Otake, Ken-ichi	Flexible porous coordination polymers for gas applications
23	Pöthig, Alexander	Pillarplexes - Porous Organometallic Nanotubes
24	Rodríguez Camargo, Andrés	Identifying the active species in a cobalt-based covalent organic framework for the electrochemical oxygen evolution reaction
25	Schmaus, Nadine	Metal-Organic Framework-Based Cathodes for Photoelectrochemical Fuel Production
26	Schumacher, Lion	Mesoporous TiO <sub>2</sub> and SrTiO <sub>3</sub> /TiO <sub>2</sub> : Effects of Etching and Conversion on Photocat. H <sub>2</sub> Evolution
27	Solomon Kasa, Abraham	Earth-abundant carbon nitride-based photoelectrodes for PEC application
28	Spies, Laura	Ultrafast Spectroscopy of Efficient Excited State Diffusion in 2D COF Thin Films
29	Sun, Shuo	Photodeposition of Pt into Covalent organic frameworks for Hydrogen evolution
30	Tahir, Warisha	Electrocatalytic CO <sub>2</sub> reduction
31	Tschulik, Kristina	COFs as catalysts for the electrochemical Oxygen Evolution Reaction
32	von Baeckmann, Cornelia	Porous and Meltable Metal-Organic Polyhedra for the Generation and Shaping of Porous Mixed-Matrix Composites
33	Wang, Guanying	Synthesis of Hierarchical Single-Crystal ZSM-5 and SAPO-34 Zeolite
34	Yang, Jing	A Light-Driven Hybrid Nanoreactor Harnessing the Synergy of Carboxysomes and Organic Frameworks for H <sub>2</sub> Production
35	Yu, Hongde	Excitonic effect in 2D COFs for metal-free photocatalysis
36	de la Peña O'Shea, Víctor	
37	Hallweger, Sebastian	Extending the Tolerance Factor for Perovskites
38	Heck, Fabian	Solvothermal Template-Induced Hierarchical Porosity in Covalent Organic Frameworks: A Pathway to Enhanced Diffusivity
39	Manitz, Timo	Swelling of MIL-88 A (Fe) as a function of solvent composition and crystal size
40	Muñoz Alonso, Ignacio	Highly Crystalline and Fully Conjugated 3D Cyclooctatetraene-Based Covalent Organic Frameworks
41	Ortlieb, Niklas	Design of Carbon Materials for Electrochemical Applications
42	Ploetz, Evelyn	
43	Schönherr, Marina	Electrically Conducting Three-Dimensional Iron-Catecholate Porous Frameworks
44	Singh, Apeksha	Covalent Organic Framework as Bipolar Electrode for Fast-Charging Li-Ion Batteries
45	Sippach, Lukas	MOFs under Pressure: A Hydrostatic Pressure Diffraction Cell
46	Tittel, Jonas	Metalorganic Frameworks for the Capture of Dissolved CO <sub>2</sub> and Generated Carbonate Ions from Water
47	Wang, Shizhe	Room-Temperature Synthesis of Lead-Free Copper(I)-Antimony(III)-Based Double Perovskite Nanocrystals
48	Wolpert, Emma	
49	Xue, Tianhao	Two-dimensional $\pi$ -Conjugated Thiophene-enriched Covalent Organic Frameworks (COFs) Based on a Tetrathienonaphthalene Node