

Poster Presentation

Poster session		November 29 (Sat)	13:20–14:20
No	Name	Affiliation	Title
P-001	Dan Wang	Jilin Agricultural University	Surface/Interface Modification Enhances the Photoelectrochemical Water Splitting Performance of Oxide Photoanodes
P-002	Mitsuhiko Honda	Nagoya Institute of Technology	Metal Cation Doping into TiO ₂ Photocatalysts via Liquid Phase Deposition for Decomposing Acetaldehyde
P-003	Zheng Ling	Shanghai Jiao Tong University	Photo-induced Minor Enantiomer Stereoconversion
P-004	Bo Zhang	Southeast University	Fabrication and Biosensing Application of SiO ₂ -TiO ₂ Hybrid Inverse Opal Fabry-Pérot Layers
P-005	Xiaoling Zheng	Southeast University	Interference effect of tubular colloidal crystal films and their biosensing applications
P-006	Tianyang Yuan	Xi'an Jiaotong Liverpool University	MoO ₃ -X/COF/TiNT heterojunction photocatalyst used in photocatalysis
P-007	Qingran Chang	Xi'an Jiaotong Liverpool University	Organic scaffold and Nanomaterial synthesis for applications in photocatalytic water splitting or CO ₂ reduction
P-008	Jie Xie	Tongji University	Investigation of the Structure-Activity Relationship and Single-/Two-Photon Polymerization Properties of Double Benzylidene Ketones
P-009	Wenyi Guo	Beihang University	Tandem Oppositely Charged Nanoclay Membranes with 2D Nanofluidic Channels for Osmotic Energy Conversion
P-010	Shiheng Liu	Tongji University	Ternary Hybrid Materials Based on the Photoinduced Cationic Polymerization of Functional Twin Monomer and Epoxides
P-011	Yangyang Li	Tongji University	New Water-Soluble Coumarin-Ketone-Pyridium Salts Photoinitiators for Antibacterial Coatings under Visible LED Photocuring
P-012	Shuyu Li	Beihang University	Strategies for Enhancing Osmotic Energy Conversion in 2D montmorillonite-based Nanofluidic Membranes
P-013	Xiyang Liu	Xi'an Jiaotong Liverpool University	Dual S-scheme g-C ₃ N ₄ /Fe ₃ O ₄ /In ₂ O ₃ /MoS ₂ magnetic nanocomposite for enhanced visible-light-driven tetracycline degradation
P-014	Jie Hou	Tongji University	Effects of Allyloxy Substitution on Photochemical Properties of Thioxanthenes and Their Application in Visible-LED Photopolymerization
P-015	Ziyu Zhang	Southeast University	Gradient Electroactive Hydrogel Scaffolds for Wireless Electrical Stimulation-Mediated Nerve Repair
P-016	Qianxiang Su	Shanghai Jiao Tong University	Construction and Preliminary Investigation of Non-Immersed Photocatalytic Hydrogen Evolution System
P-017	Rimsha Khalid	Henan University	Integrated Photothermal Evaporation and Photocatalytic Degradation/removal of Microplastics Using Titanium Mesh Supported TiO ₂ Nanotube Arrays
P-018	Yanan Li	Northeast Normal University	Click Gel Polymer Electrolyte Achieving Liquid-Comparable Conductivity
P-019	Yawei Wang	Northeast Normal University	Molecular linker engineering CdS/Cu ₂ ZnSn(S,Se) ₄ interface for efficient photovoltaics
P-020	Dexin Jin	Northeast Normal University	Photo-Plasma Relay Catalysis for Molecular Oxygen Activation
P-021	Tianxing Liu	Chinese Academy of Sciences	Highly Efficient Sunlight-Driven CO ₂ Hydrogenation to Methanol Over supported NiZn intermetallic catalyst on α -Al ₂ O ₃
P-022	Chen Wang	Shanghai Jiao Tong University	Ni-doped ZnCdS in Liquid-phase Z-type reaction system for photocatalytic overall water splitting
P-023	Lei Wang	Henan University	High-performance quantum dot light-emitting diodes
P-024	Pengli Li	Southeast University	Magnetic Cilia Microreactor Array for Rapid Trace Proteomics Digestion
P-025	Yuxin Li	University of Shanghai for Science and Technology	Effect of Co-Dissolved Organic Compounds on Photocatalytic Degradation of Simetryn, Prometryn, Metolachlor, and Sulfometuron methyl
P-026	Sijie Cheng	Henan University	Design of Photothermal Interfacial Evaporation Structures Based on Porous Materials and Synergistic Mechanisms of Gradient Photothermal Management
P-027	Xiaoyan Sun	Institute of Science Tokyo	CuO@Fe ₂ O ₃ Nanotubes Enabling Efficient Semiconductor-Sensitized Thermal Cell via Charge Separation and Band Structure Prediction
P-028	Yuanyuan Li	Northeast Normal University	Facet-Engineered Au ₁ /CeO ₂ Single-Atom Catalysts toward Efficient Room-Temperature Photothermal CO Oxidation
P-029	L Chenjun	University of Shanghai for Science and Technology	The Self-Sustaining Fenton Reaction: A Biocatalytic System for In Situ H ₂ O ₂ Generation
P-030	Jingshen Wang	University of Shanghai for Science and Technology	Easy-to-Recycle Floating PVDF/TiO ₂ Piezo-Photocatalytic Spheres for Agricultural Irrigation Water Purification.
P-031	Zhuo Chen	University of Shanghai for Science and Technology	Second-scale laser-driven synthesis of defect-engineered titanium-niobium oxide anodes for advanced lithium-ion battery applications
P-032	Yang Fu	University of Shanghai for Science and Technology	Matter Conversion and Clean Energy Catalysis

No	Name	Affiliation	Title
P-033	Yuying Mao	University of Shanghai for Science and Technology	Efficient Water Treatment Using Closed-Packed Bed Type Photocatalytic Reactors
P-034	Kazuo Hosoda	University of Shanghai for Science and Technology	Photocatalytic Filters Based on Anodizing Process and Its Functional Applications
P-035	Mingyue Li	Southeast University	Predicting antitumor drug response using a deep learning model of patient-derived lung cancer organoids
P-036	Xiangyu Li	University of Shanghai for Science and Technology	Phase Transformation of TiO ₂ Photocatalytic Powder: From Rutile to Anatase