

| 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 | Mitsuhiro Honda | Nagoya Institute of Technology                    | Metal Cation Doping into TiO <sub>2</sub> Photocatalysts via Liquid Phase Deposition for Decomposing Acetaldehyde                                                                                                 |
| P-003 | Zheng Ling      | Shanghai Jiao Tong University                     | Photo-induced Minor Enantiomer Stereo-inversion                                                                                                                                                                   |
| P-004 | Bo Zhang        | Southeast University                              | Fabrication and Biosensing Application of SiO <sub>2</sub> -TiO <sub>2</sub> 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 <sub>3</sub> -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 <sub>2</sub> 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 <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> /In <sub>2</sub> O <sub>3</sub> /MoS <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> ZnSn(S,Se) <sub>4</sub> 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 <sub>2</sub> Hydrogenation to Methanol Over supported NiZn intermetallic catalyst on $\alpha$ -Al <sub>2</sub> O <sub>3</sub>                                                 |
| 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 | Mingyue Li      | Southeast University                              | Predicting antitumor drug response using a deep learning model of patient-derived lung cancer organoids                                                                                                           |
| P-024 | Pengli Li       | Southeast University                              | Magnetic Cilia Microreactor Array for Rapid Trace Proteomics Digestion                                                                                                                                            |
| P-025 | Li Yuxin        | 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 <sub>2</sub> O <sub>3</sub> Nanotubes Enabling Efficient Semiconductor-Sensitized Thermal Cell via Charge Separation and Band Structure Prediction                                                         |
| P-028 | Yuan Yuan Li    | Northeast Normal University                       | Facet-Engineered Au <sub>1</sub> /CeO <sub>2</sub> Single-Atom Catalysts toward Efficient Room-Temperature Photothermal CO Oxidation                                                                              |
| P-029 | Su Qianxiang    | Shanghai Jiao Tong University                     | Construction and Preliminary Investigation of Non-Immersed Photocatalytic Hydrogen Evolution System                                                                                                               |
| P-030 | Jingshen Wang   | University of Shanghai for Science and Technology | Easy-to-Recycle Floating PVDF/TiO <sub>2</sub> 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 | Materials Conversion and Clean Energy Catalysis                                                                                                                                                                   |
| P-033 | Yuying Mao      | University of Shanghai for Science and Technology | Efficient Water Treatment Using Closed-Packed Bed Type Photocatalytic Reactors                                                                                                                                    |

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| P-034 | Kazuo Hosoda   | University of Shanghai for Science and Technology | Photocatalytic Filters Based on Anodizing Process and Its Functional Applications                                       |
| P-035 | Zhanchong Zhao | University of Shanghai for Science and Technology | Preparation of Monolithic BiVO <sub>4</sub> Photocatalytic Foam Ceramic and its Application to Water Treatment          |
| P-036 | Xiangyu Li     | University of Shanghai for Science and Technology | Phase Transformation of TiO <sub>2</sub> Photocatalytic Powder: From Rutile to Anatase                                  |
| P-037 | Wenjun Zhang   | University of Shanghai for Science and Technology | Bisphenol A Photodegradation in Recirculating Water Under UV Irradiation Using ZrO <sub>2</sub> Monolithic Foam Ceramic |