E06	**Jihyeon Kim (YNU)** *Hydrogel Microspheres with Color-Coded Multicompartmental Structure for Multiplexed Bioassays*
E07	**Kattariya Srasamran (CU)** *Isolation, Purification, and Characterization of Carbonic Anhydrase from Caulerpa lentillifera (Sea Grapes): Evaluating Its Effectiveness in CO_2 Sequestration*
Sustainable Energy and Environmental Technologies	
S01	**Yuta Nishihara (KU)** *Redispersion of metal agglomerates using mechanochemistry for recyclable catalysts*
S02	**Donghwan Kim (YNU)** *Molecular designing Spiro-based Hole Transport Materials for Sustainable and Functionally Robust Perovskite Solar Cells*
S03	**Seoyoung Kim (YNU)** *Optimizing Hydrothermal Reaction Time to Engineer WO_3 Nanostructures for Enhanced Solar-Driven Water Splitting*
S04	**Ryo Fujimoto (KU)** *Evaluation of mass transfer within porous support in Polymer Electrolyte Fuel Cells*
S05	**Koki Ishii (KU)** *Design and durability evaluation of catalyst layers for Polymer Electrolyte Fuel Cells with a focus on platinum degradation*
Advanced Catalysis, Materials, and Nanotechnology	
A01	**Xianjun Cao (SHU)** *Elucidating the Roles of Oxidation States and Constituents in PtRu Alloy for Alkaline Hydrogen Evolution Reaction*
A02	**Cheng Gong (SHU)** *Interfacial Engineering of RuO_2 Nanocluster-coated Co_3O_4 Nanosheets for Synergistic Oxygen Evolution Catalysis*
A03	**Jinhu Wu (SHU)** *High-valence molybdenum-induced boundary-rich heterostructures for enhanced oxygen evolution reaction*
A04	**Yuzhe Ma (SHU)** *Photo-crosslinked tubular polymersomes with triggered shape transformation*
A05	**Jian Chen (SHU)** *Recent progress of transition metal-based catalysts as cathodes in O_2/H_2O-involved and pure Li–CO_2 batteries*
A06	**Baojia Dai (SHU)** *Nonflammable Succinonitrile-Based Deep Eutectic Electrolyte for Intrinsically Safe High-Voltage Sodium-Ion Batteries*
A07	**Wonjin Oh (YNU)** *Effect of Beta-Cyclodextrin Polymer as a Dry-Process Binder on the Performance Enhancement of Lithium-Ion Battery*