

Session Code	[01] WeA2
Session Title	Water Splitting
Date and Time	Wednesday, October 6, 2021 / 13:20-14:50
Session Room	Room A (Samda A)
Session Chair(s)	Uk Sim (Chonnam Nat'l Univ., Korea)

[[01] WeA2-1] 13:20-13:35

Fabrication and Highly Efficient Photoelectrochemical Properties of Plasmonic Ag-Decorated Vertically-Aligned MoS₂ Nanosheets on Graphene

Dong-Bum Seo, Quoc Viet Dong, and Eui-Tae Kim (*Chungnam Nat'l Univ., Korea*)

[[01] WeA2-2] 13:35-13:50

Comparative Evaluation of the Theoretical and Experimental Catalyst Properties of Ni-Fe Compounds according to the Annealing Atmosphere (O₂, N₂, NH₃) for Overall Water Splitting Evaluation

Dong In Jeong, Dae Ho Yoon, Hyung Wook Choi, Jiwon Kim, Kumar Mohit, Jung Hyeon Yoo, Seok Bin Kwon, and Seong Guk Jeong (*Sungkyunkwan Univ., Korea*)

[[01] WeA2-3] 13:50-14:05

Preparation of Double Side Cu/CuO Nanostructures Photoelectrodes and the Performance of Photoelectrochemical Water Splitting

Jaehong Park, Hoki Son, and In-Hwan Lee (*Korea Univ., Korea*)

[[01] WeA2-4] 14:05-14:20

Phase-Controlled NiO Nanoparticles on Reduced Graphene Oxide as an Electro-catalyst for Overall Water Splitting

Seung Geun Jo, Jung Woo Lee, Sang Jun Kim, Yeon Wook Jung, Sumin Lee, and Jaemin Lee (*Pusan Nat'l Univ., Korea*)

[[01] WeA2-5] 14:20-14:35

Enhanced Photoelectrochemical Water Splitting Performance of GaN Nanowire Arrays Decorated with Plasmonic Au Nanoparticles

Abdullah Ameer, Sang-Wan Ryu, and Aadil Waseem (*Chonnam Nat'l Univ., Korea*)

[[01] WeA2-6] 14:35-14:50

Electrochemically Tuned Silicide Nanowires as a Bifunctional Electrocatalyst for Overall Water Splitting

Won Jun Chang, Eun Seob Sim, Jae Hyeok Shin, Su Hee Jang, Won Young Choi, Min Joo Kim, Ye Lim Kim, Dae Yeop Jeong, Yong-Chae Chung, and Won Il Park (*Hanyang Univ., Korea*)