

Hye Ryung Byon received her Ph. D. degree at Pohang University of Science and Technology (POSTECH) in 2008. She worked at MIT as a post-doctoral associate with Prof. Yang Shao-Horn. In 2011, she launched her research group, Byon Initiative Research Unit, at RIKEN in Japan and became an adjunct associate professor at Tokyo Institute of Technology in 2014. Then, she moved to the Department of Chemistry at the Korea Advanced Institute of Science and Technology (KAIST), South Korea, in 2016. She is currently an associate professor at KAIST. She received several awards including TJ Park Science Fellowship (POSCO), The Distinguished Lectureship Award (Chemical Society of Japan) in 2017, The Young Scientist Award (The Korean Academy of Science and Technology) in 2018, The I-sense Young Electrochemist Award (Korea Chemical Society) in 2020, and The Science and Technology Prize (Korea Toray Science Foundation) in 2021, recognized by her outstanding works in electrochemistry, energy storage, and energy conversion sciences.