

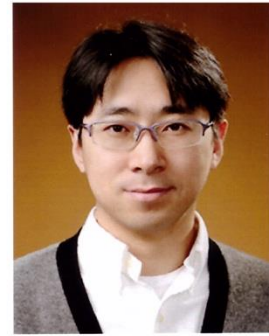


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Prof. Jihun Oh

Korea Advanced Institute of Science and Technology,
Republic of Korea



Prof. Jihun Oh is an associate professor of Department of Materials Science and Engineering at Korea Advanced Institute of Science and Technology (KAIST) since he joined the faculty of KAIST in 2013. He received his B.S. in Department of Materials Science and Engineering from POSTECH (Pohang University of Science and Technology), his M.S in Materials Science and Engineering at Seoul National University, and his Ph.D degree from Massachusetts Institute of Technology (MIT) in 2010. Since then, he had been a postdoctoral fellow at the National Renewal Energy Laboratory (NREL) until February 2013. Prof. Jihun Oh aims to develop innovative and destructive energy materials and systems for electro-catalysis to valorize CO₂. Prof. Jihun Oh has been actively developing model electrochemical catalysts and systems with well-defined morphology, crystallographic structures and defects, and atomic compositions as well as well-controlled reaction environments along with analytical device modeling to quantitatively provide design principles for energy conversion devices.