

Prof. Dr. Sang Il Seok
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Sang Il Seok is a Distinguished Professor in the Department of Energy and Chemical Engineering at the Ulsan National Institute of Science and Technology (UNIST), Korea. He earned his Ph.D. in Inorganic Materials Engineering from Seoul National University, Korea. Following his doctoral studies, he conducted postdoctoral research in Materials Science and Engineering at Cornell University, USA, focusing on defects and transport phenomena in the Fe-Ti-O spinel structure. He further broadened his academic experience as a visiting scholar at the University of Surrey, UK, in 2003, and École Polytechnique Fédérale de Lausanne (EPFL), Switzerland, in 2006.

Before joining UNIST in 2015, Professor Seok served as a principal investigator at the Korea Research Institute of Chemical Technology (KRICT) and held a joint appointment as a professor in the Department of Energy Science at Sungkyunkwan University. He has been recognized as a Highly Cited Researcher by Clarivate Analytics every year since 2018, a testament to the global impact of his work. He has authored numerous high-impact peer-reviewed papers, including over 10 articles published in Nature and Science as a corresponding author, underscoring his pioneering contributions to perovskite solar cell research.

Throughout his distinguished career, Professor Seok has received numerous prestigious awards. In 2017, he was honored with the "Korean Scientist Award" by the Korean government. He received the Kyung-Ahm Prize in 2019 and, most notably, the Rank Prize in 2022 for his groundbreaking achievements in perovskite solar cell development.

His research focuses on functional inorganic-organic hybrid materials and their applications in advanced devices, particularly perovskite solar cells. With his expertise and unwavering commitment to innovation, Professor Seok has firmly established himself as a global leader in energy materials and chemical engineering.