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Prof. LEE is currently a Chair Professor at KAIST, Daejeon, Korea. His research field of interest is nanostructured electrocatalysts for water electrolysis, fuel cells and Li-S batteries.

He started his professional career as an Assistant Professor in Department of Chemical Engineering at POSTECH (2008-2018), and moved to KAIST in 2018 where he was later appointed as the KAIST Chair Professor.

He has published more than 270 papers including Nature Materials, Nature Catalysis, Nature Comm. JACS, Angew. Chem. Energy. Env. Sci., Adv. Mater., and ACS nano. Total citation number and H-index are 32698 and 97, respectively. He has served as an Editor for Chemical Engineering Journal (Elsevier, Impact factor 13.3-Novel Materials for Energy Section) since 2017.

He received the B.S. degree from the School of Chemical and Biological Engineering at Seoul National University, Korea in 1993. He then received the Ph.D. degree from the School of Chemical and Biological Engineering at Seoul National University, Korea in 1998. After postdoctoral research at SNU (with Prof. Taeghwan Hyeon) and Cornell University (with Prof. Ulrich Wiesner), he joined the faculty of the Department of Chemical Engineering at POSTECH (2008–2018)