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Prof. Yuk received Ph. D degree from KAIST at 2012 and he was a postdoc. Fellow at UC Berkeley (Prof. Alex Zettl group). He joined the Department of Materials Science and Engineering at KAIST as an assistant professor at 2016. He has built up a research group named “Energy Materials and Electron Microscopy Group” (<http://yuklab.kaist.ac.kr>) and have focused on the bio-, nano-, energy-, and 2D-materials using in-situ EM. With nearly 20 years of working experience in the in-situ TEM field, he has published 91 peer-reviewed journal papers including Science, Nature Materials, and Nature Electronics. He has also registered for 17 patents in the Republic of Korea, the US, the EU, and China. He is serving as a review board member in the National Research Foundation of Korea and an advisory committee for analytical science research facilities in Korean laboratories.