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Soon-Ku Hong is a Professor in the Department of Materials Science and Engineering at the Chungnam National University in Korea since 2003. He received his B.S. in metallurgical engineering from Korea University in 1989, M.S. in materials science from the Korea Advanced Institute of Science and Technology in 1992, and Ph.D. in applied physics from Tohoku University in 2001. He worked at SKC (1992~1994) and at Samsung Advanced Institute of Science (1994~1998). After completing his PhD degree, he performed postdoctoral work in the Brown University. He has been a faculty member in the Department of Materials Science and Engineering at the Chungnam National University since 2001. He has worked on epitaxy and TEM characterization of structural defects in GaN, SiC, and Ga₂O₃.