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Prof. Jongnam Park received his BS (1999), MS (2001), and PhD (2005) from the School of Chemical and Biological Engineering of the Seoul National University, Republic of Korea in the group of Prof. Taeghwan Hyeon. He worked as a postdoctoral associate in the group of Prof. Moungi Bawendi, at the Massachusetts Institute of Technology (MIT), MA, USA. He joined the faculty of the School of Energy and Chemical Engineering at Ulsan National Institute of Science and Technology (UNIST) in 2010, where he has worked and developed the new synthetic methodology of nanomaterials for energy and bio-application. His research focuses on the nanotechnology based on materials chemistry, developing of advanced nanomaterials for energy and biological application. Of particular interest are areas regarding the designed synthesis of quantum dots for highly efficient QD-LED & solar cell and the development of system to achieve high yield & narrow size distribution of various nanomaterials using micro-fluidics system. His group are also interested in the surface engineering of nanomaterials for molecular imaging, sensing, and targeting for biological applications. He has received many honors and awards including Korea Research Foundation grant and the creative knowledge award by the Ministry of Eduction, Science and Technology from Korean Government, also working as a member of Materials Research Society, American Chemical Society, Korean Institute of Chemical Engineers, and Korean Chemical Society.