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Shinae Jun

Master, Inorganic Material Lab, Samsung Advanced Institute of Technology

Address: 130 Samsung-ro Yeongtong-gu, Suwon-si, Gyeonggi-do, 16678, Korea

Telephone: (+82)31-8061-1102

Fax: (+82)31-8061-1089

E-mail: shinae.jun@samsung.com

Nationality: Republic of Korea

Web: <https://www.sait.samsung.co.kr/>

EDUCATION

KAIST	Ph.D	Chemistry	2001
KAIST	MS	Chemistry	1997
KAIST	BS	Chemistry	1995

PROFESSIONAL ACTIVITIES

- Master, SAIT, Korea (2017~present)
- Senior researcher, SAIT, Korea (2003~2017)
- Post-doc., Department of chemical engineering, MIT, USA (2001~2003)

AWARD AND HONORS

- Proud Samsung Personality Award (2015)
- KOSEF Post-doctoral fellowship (2001-2002), Korea Science and Engineering Foundation

MAIN SCIENTIFIC PUBLICATION

- Development of Cd-free Quantum Dot Display, Invited talk, IMID, 2019. 8.
- "Bright and stable alloy core/multishell quantum dots", Angew. Chem. Int. Ed. 2013
- "Synthesis of New, Nanoporous Carbon with Hexagonally Ordered Mesostructure", J. Am. Chem. Soc., 2000

RESEARCH INTERESTS

- Synthesis and application of quantum dot
- Future quantum dot display