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이진석

이진석은 서울 자연과학대학 화학과 교수이자 기능성 나노바이오 인터페이스 연구실장을 겸하고 있다.

학력

- 2002.03 - 2006.02 Ph.D., Department of Chemistry, Sogang University (advisor: Prof. Kyung Byung Yoon)
- "Organization of Zeolite Microcrystals on Substrates and Their Optical Applications"
- 2000.03 - 2002.02 M.S., Department of Chemistry, Sogang University (advisor: Prof. Kyung Byung Yoon)
- "Facile Synthesis of Ordered Silicalite Supercrystals on Glass Substrates using epitaxially Grown Polyurea Film as Template"
- 1994.03 - 2000.02 B.S., Department of Chemistry, Sogang University

경력

- 2020.03~ Present, Professor: Department of Chemistry, Hanyang University
- 2018.03 - 2020.02, Professor: Department of Chemistry, Sookmyung Women's University
- 2013.03 - 2018.02, Associate Professor: Department of Chemistry, Sookmyung Women's University
- 2016.01 - 2017.12, Director, Organization: Korean Chemical Society
- 2015.10 - 2016.08, Visiting Scholar: Department of Chemistry and Chemical Biology, Harvard University (Prof. Hongkun Park Group)
- 2009.03 - 2013.02, Assistant Professor: Department of Chemistry, Sookmyung Women's University
- 2006.11 - 2009.02, Post-doctoral Fellow: Department of Chemistry and Chemical Biology, Harvard University (advisor: Prof. Hongkun Park)
- 2006.03 - 2006.10, Post-doctoral Fellow: Center for Microcrystal Assembly, Sogang University (advisor: Prof. Kyung Byung Yoon)

연구분야

- Inorganic Chemistry/ Material Chemistry/ Nano-Science/ Nano-Bio interface
- Synthesis and fabrication of nanostructured materials and surfaces by chemical vapor deposition (CVD), metal-organic chemical vapor deposition (MOCVD), atomic layer deposition (ALD), molecular layer deposition (MLD), liquid phase deposition (LPD), and anodization techniques.
- Organization of nanotopographical surfaces with nano-building blocks using sonication, Langmuir-Blodgett, manual assembly techniques.
- Design and modification of nanostructured surfaces using various deposition techniques.

- Study of electrical, optical, biological application of nanostructured surfaces