

Bumjung Kim

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Education

2006-2011

Columbia University, New York

Ph.D in Chemistry/Materials Science

Dissertation Title: Single-crystal growth of organic semiconductors and organic electronic applications

Dissertation Advisor: Prof. Colin Nuckolls

2002-2006

Hanyang University, Seoul, South Korea

B.S in Chemistry

Professional Experience

- 17) Park, S.; Lee, Y.; **Kim, B.**; Lee, J.; Jeong, Y.; Noh, Takahara, A.; Sohn, D., Two-dimensional alignment of imogolite on a solid surface. *Chemical Communications* **2007**, 28, 2917.
- 18) Lee, Y.; **Kim, B.**; Yi, W.; Takahara, A.; Sohn, D., Conducting properties of polypyrrole coated imogolite. *Bull. Korean Chem. Soc.* **2006**, 27(11), 1815.

Presentations

- 1) **Kim, B.**, Fabrication of Rubrene Single-Crystal Field-Effect Transistor Using Hexatriacontane as Dielectric Layer, **2016 June**, presented at ACS Middle Atlantic Regional Meeting, "Organic electronics" session, Riverdale, NY
- 2) **Kim, B.**, Vertically Grown Nanowire Crystals of Dibenzotetrathienocoronene (DBTTC) on Large-area Graphene, **2016 August**, presented at 252nd ACS National Meeting, "Division of Colloidal and Surface Chemistry" session, Philadelphia, PA

Patent Inventions

Schroeder, J.; Nuckolls, C.; Cammisa, F. P.; Abjornson, C.; **Kim, B.**, Carbon nanotubes and graphene patches and implants for biological tissue, **2014**, WO# 2014143925 A1, New York, NY

Grants and Funding

Separately Budgeted Research Funding