

# NANO KOREA 2020

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### Jiwon Kim

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#### EDUCATION

Northwestern University	Ph.D	Chemistry	2013
KAIST	BS	Chemistry	2006

#### PROFESSIONAL ACTIVITIES

- Postdoctoral Fellow, Harvard University (2013-2015)

#### AWARD AND HONORS

- POSCO TJ Park Science Fellowship (2017)

#### MAIN SCIENTIFIC PUBLICATION

- Jiyeon Lee<sup>†</sup>, Wonsik Lee<sup>†</sup>, Dongjun Kim, Myungjun Kim & **Jiwon Kim\***, "Independent Multi-states of Photo-responsive Polymer/Quantum Dot Nanocomposite Induced via Different Wavelengths of Light", *Scientific Reports*, **2019**, 9, 12458. † Equal Contribution.
- Wonsik Lee<sup>†</sup>, Dongjun Kim<sup>†</sup>, Seokhee Lee<sup>†</sup>, Jihyeon Park, Seoyeah Oh, Geonho Kim, Joonyoung Lim & **Jiwon Kim\***, "Stimuli-responsive Switchable Organic-Inorganic Nanocomposite Materials", *Nano Today*, **2018**, 23, 97-123. † Equal Contribution.
- Wonsik Lee, Dongjun Kim, Joonyoung Lim, Geonho Kim, Ikyon Kim\*, Songkuk Kim\* & **Jiwon Kim\***, "Light-induced Electrical Switch via Photo-responsive Nanocomposite Film", *Sens. and Actuators B: Chem.*, **2018**, 266, 724-729.
- Seokhee Lee<sup>†</sup>, Gunhwi Kim<sup>†</sup>, Jinyoung Kim, Dongjun Kim, Daero Lee, Haksoo Han\* & **Jiwon Kim\***, "Nitrogen-doped Porous Carbon Structure from Melamine-assisted Polyimide Sheets for Supercapacitor Electrodes", *Adv. Sustainable Syst.*, **2018**, 1800007. † Equal Contribution.
- Wonhee Cha, Hae-Jin Kim, Songhee Lee & **Jiwon Kim\***, "Size-controllable and Stable Organometallic Halide Perovskite Quantum Dots/Polymer Film", *J. Mater. Chem. C*, **2017**, 5, 6667-6671.

#### RESEARCH INTERESTS

- Nanocomposite Materials
- Stimuli Responsive Materials