

Jeongeon Kim

Publications

1. The effect of tensile strain in Pd@Ni core-shell nanocubes with tunable shell thickness on urea electrolysis selectivity
J. Kim, X. V. Medvedeva, J. J. Medvedev, C. Bae, J. Kim* and A. Klinkova*
Nanoscale 2023, 15, 5181 [Front Cover]
2. ZIF-mediated gold nanorod assembly for surface-enhanced Raman scattering detection of 4-nitrobenzenethiol
S. Park, C. Bae, J. Lee, J. Kim, M. Lin* and J. Kim*
ACS Applied Nano Materials 2021, 4, 14004
3. Nanoscopic morphological effect on optical properties of polymer-grafted gold polyhedra
J. Lee, C. Bae, Z. Ou, S. Park, J. Kim and J. Kim*
Nanoscale Advances 2021, 3, 1927 [Back Cover]

Patents

1. J. Kim, J. Lee, J. Kim, Y. Jeon, J. H. Jeong, S. Y. Nam
Korea patent application: 10-2022-0184127
2. J. Kim, J. Lee, S. Park, S. Woo, S. Y. Nam, C. Bae, Y. Kim, J. Kim
Korea patent application: 10-2022-0074086

Awards

1. 2021 Visiting Student Scholarship to University of Waterloo, Human Resource Development Program for Industrial Innovation, KIET, Korea

Presentations

1. Correlation of tensile strain and urea electrolysis selectivity on Pd@Ni nanocubes
J. Kim, X. V. Medvedeva, J. J. Medvedev, C. Bae, J. Kim* and A. Klinkova*
Indo-South Korea-Thailand 2nd International e-Conference on Nanoscience and Nanotechnology for Energy, Environment and Biomedical Application, Online Meeting (Nov. 24–25, 2022)
2. Chemical conversion of zeolitic imidazolate framework into layered double hydroxide
Y. Jeon, J. Kim, A. Klinkova* and J. Kim*
Korea-Thailand International Symposium on Photochemistry and Advanced Materials, Jinju, Korea (Jul. 29, 2022)
3. Investigation of morphology control in silver nanoparticle
J. Kim and J. Kim*
127th Korea Chemical Society General Meeting, Online Meeting, Korea (Apr. 21–23, 2021)