

Seojeong Woo

Publications

1. Harnessing nanoscale spatial effects in inner-modified zeolitic imidazolate framework-8 for enhanced Knoevenagel condensation reaction
S. Kim,[‡] S. Woo,[‡] C. Bea, Y. Jeon, Y. Seong, S. Li and J. Kim*
Inorganic Chemistry Frontiers 2024, under review
[‡]Equal contribution
2. Controlling supramolecular copolymerization of alkynylplatinum(II) terpyridine complexes: from isodesmic to cooperative mechanisms
S. Kim, M. Kim, S. Woo, J. Kim, S. H. Jung and J. H. Jung*
Nanoscale Advances 2024, in press
3. Soft seed-mediated dimensional control of metal–organic framework nanocrystals through oil-in-water microemulsion
J. Lee, S. Park, S. Woo, C. Bae, Y. Jeon, M. Gu, J. Kim, Y. Kim, S. Y. Nam, J. H. Jung and J. Kim*
Inorganic Chemistry Frontiers 2023, 10, 7146 [Front Cover]

Patents

1. 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. Best Poster Award, 2023 International Conference on Photochemistry and Clean Energy Materials, Jinju, Korea
2. Best Paper Award, 2022 Indo-South Korea-Thailand 2nd International e-Conference on Nanoscience and Nanotechnology for Energy, Environment and Biomedical Application, Online Meeting
3. JLCHEM scholarship for outstanding undergraduate researcher, Gyeongsang National University, 2022

Presentations

1. Quantum dot-loaded hybrid nanostructure with supramolecular hydrogel
S. Woo, H. W. Kang, S. H. Jung* and J. Kim*
International Conference on Photochemistry and Clean Energy Materials, Jinju, Korea (Aug. 24, 2023)
2. Development of core-shell nanostructure with quantum dots and metal–organic frameworks
S. Woo, S. Park, M. Shim and J. Kim*
Indo-South Korea-Thailand 2nd International e-Conference on Nanoscience and Nanotechnology for Energy, Environment and Biomedical Application, Online Meeting (Nov. 24–25, 2022)
3. Precise control of core-shell nanostructure with quantum dots and nanoporous networks
S. Woo, S. Park, M. Shim and J. Kim*
Korea-Thailand International Symposium on Photochemistry and Advanced Materials, Jinju, Korea (Jul. 29, 2022)
4. Development of photoluminescent core-shell porous nanostructure
S. Woo, and J. Kim*
Hanoi University of Science and Technology, Hanoi, Vietnam (Jul. 29, 2022)