

Yeram Kim

Publications

1. 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]
2. Silver-nanoparticle-assisted modulation of NH₃ desorption on MIL-101
S. Park, M. Gu, Y. Kim, C. Bae, D. Kim and J. Kim*
ACS Omega 2022, 7, 19484
3. Synergistic effect of MIL-101/reduced graphene oxide nanocomposites on high-pressure ammonia uptake
C. Bae, G. Jeong, S. Park, Y. Kim, M. Gu, D. Kim* and J. Kim*
ACS Omega 2022, 7, 17144

Patents

1. Manufacturing method for development of organic-inorganic carbon materials with complex porosities through direct impregnation of metal–organic framework precursors in the presence of reduced graphene oxide aerogel and organic-inorganic carbon materials with complex porosities
J. Kim, C. Bae, M. Gu, D. Kim, G. Jeong, S. Park, Y. Kim
Korea patent: 10-2567347
2. J. Kim, J. Lee, S. Park, S. Woo, S. Y. Nam, C. Bae, Y. Kim, J. Kim
Korea patent application: 10-2022-0074086

Presentations

1. Development of flexible SERS substrate with plasmonic nanoparticles
Y. Kim and J. Kim*
127th Korean Chemical Society General Meeting, Online Meeting, Korea (Apr. 21–23, 2021)