

Curriculum Vitae

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▣ Education

- Ph. D., 1996.01-2000.12. University of Houston, Department of Chemistry
- M. D., 1986.03-1988.02 Hanyang University, Department of Industrial Chemistry
- B. A., 1982.02~1986.02 Hanyang University, Department of Industrial Chemistry

▣ Professional Experience

- 1988.01 - 1995.12. : Researcher, LG Chem. Ltd, R&D Center
- 2001.01 - 2008.02 : Principal Researcher,
LG Household & Health Care Ltd, Research Park

▣ Publications

1. Heon Chang Kim, Won Jae Yeong, Who Chul Lee, and Seung-Kyu Park, "Demetallization by MCM-48 from Asphalten of Vacuum Residual Oils: Analysis by UV-Visible Spectrophotometer", Asian Journal of Chemistry, 2015, 27(11), 4288.
2. Seung-Man Noh, Jae-Beum Ahn, Ki-Hyun Choi, and Seung-Kyu Park, "Preparation of Core-Shell Hybrid Compounds by Atomic Transfer Radical

- Polymerization and its Application to Plastic Lens of Headlamp", *Journal of Nanosci. and Nanotechnol.* **2015**, *15(9)*, 7164-7168.
3. Heon Chang Kim, In-Kyu Jang, Seung-Kyu Park, "Viscosity and Antiwashout Properties of Cement Mortar at Low Temperature Seawater Environment", *Asian Journal of Chemistry*, **2014**, *26(6)*, 1595.
 4. Yong Hwa Lee, Keon Hee Park, and Seung-Kyu Park, "Assembly of ZSM-5 Zeolite on Natural Fiber", *Asian Journal of Chemistry*, **2014**, *26(6)*, 1611.
 5. Seung Man Noh, Ki Hyun Choi, Soo Jeong Ji, Yun Kyoung Hwang and Seung-Kyu Park, "Anti-scratch Properties of Clearcoat after Application of Polymer Coated Silica Ball", *Asian Journal of Chemistry*, **2013**, *25*, 5596.
 6. Dowon Shun, Dal-HeeBae, Changsup Oh, Heon Chang Kim, and Seung Kyu Park, "Sulfur dioxide capture by limestone in a lab scale circulating fluidized bed combustor", *Asian Journal of Chemistry*, **2013**, *25*, 5593.
 7. Seung-Kyu Park, Heon-Chang Kim, Chang-Sup Oh, and Yong-Ha Kim, "Rapid Fabrication of Monolithic Carbon Aerogels Based on Resorcinol-Formaldehyde by Ambient Pressure Drying", *Asian Journal of Chemistry*, **2013**, *25*, 5395.
 8. Dowon Shun, Dal-HeeBae, In-Kyu Jang, Keon-Hee Park, and Seung Kyu Park, "Kinetic Study of Sulfur Dioxide Elimination by Limestone through the Lab Scale Circulating Fluidized Bed Combustor", *Advances in Materials Physics and Chemistry*, **2013**, *2*, 4B, 189-192.
 9. Heon Chang Kim, Seung Man Noh, Seung-Kyu Park, "Synthesis and characterization of nano silica ball - PMMA hybrid composites", *Journal of Applied Polymer Science*, **2013**, *127*, 3, 1653-1658.
 10. Suranjana V. Mayani, Vishal J. Mayani, Seung-Kyu Park, Sang Wook Kim, "Synthesis and characterization of metal incorporated composite carbon materials from pyrolysis fuel oil", *Materials Letters*, **2012**, *82*, 120.
 11. Seung-Kyu Park, Kyung Woo Park, Heon Chang Kim "Synthesis of Nano Composite Particles by a Transferred DC Thermal Plasma: Effects of Plasma Input Current", *Asian Journal of Chemistry*, **2012**, *24*, 4141.
 12. In-kyu Jang; Seung-Ree Seo; Seung-Kyu Park, "Study on Anti-washout properties and shear thickening behaviors of surfactant added cement grouts", *Appl. Chem. Eng.*, **2012**, *23*, 480.
 13. Heon Chang Kim, Ki Hyun Choi, Seung-Kyu Park, "Investigation of Nano Silica Ball Core-Poly(Styrene- Acrylonitrile-Methyl Methacrylate) Shell

- Hybrid Compounds”, *Asian Journal of Chemistry*, **2012**, *24*, 4285.
14. Suk Bon Yoon, Jong-Yun Kim, Seung-Kyu Park, Jung Ho Kim, Min-Sik Kim, and Jong-Sung Yu "In-situ recrystallization of silica template for synthesis of novel microporous ZSM-5/Hollow Mesoporous Carbon Composites", *Industrial & Engineering Chemistry Research*, **2011**, *50*, 7998.
 15. Jiyeon Lee, and Seung-Kyu Park "Synthesis of carbon materials from PFO, byproducts of naphtha cracking process", *Appl. Chem. Eng.* **2011**, *22*, 495
 16. Vishal J. Mayani; Suranjana V. Mayani; Yonghwa Lee; Seung-Kyu Park "A non-chromatographic method for the separation of highly pure naphthalene crystals from pyrolysis fuel oil" *Separation and Purification Technology*, **2011**, *80*, 90.
 17. Mayani, V. J.; Abdi, S. H. R.; Mayani, S. V.; Kim, H. C.; Park, S. K. "Enantiomer self-disproportionation and chiral stationary phase based separation of organic compounds" *Chirality*, **2011**, *23*, 300.

■ Presentations

1. "Spectroscopic Studies Regarding on Elimination of Transition Metals from the Vacuum Residual Oil", IUPAC-2015, August 11, 2015, BEXCO, Korea.
2. "Elimination of transition metals from the Vacuum Residual Oil by Complexation with Mesoporous Adsorbents", The 3rd International Congress on Nanoscience & Nanotechnology (ICNT2015), July. 02, 2015. Istanbul, Turkey.

■ Extracurricular and Volunteer Experience

- Canadian Journal of Basic and Applied Sciences, Editorial Board Member
- The Korean Society of Industrial and Engineering Chemistry, Editorial Board Member
- The 8th International Conference on Multi-functional Materials and Applications(ICMMA 2014), Secretary General