

Communications

- High-Speed Photorefractive Composite Sensitized by Poly (3-Hexylthiophene)
Jin-Woo Oh*, Jongwan Choi, and Nakjoong Kim* 69

Articles

- Formation of Poly (ethylene glycol) – Poly (ϵ -caprolactone) Nanoparticles via Nanoprecipitation
Jae Sung Lee, Su Jong Hwang, Doo Sung Lee*, Sung Chul Kim, and Duk Joon Kim 72
- Evaluation of the Oral Absorption of Heparin Conjugated with Sodium Deoxycholate as a Facilitating Agent in GI Tract
Hyun Tae Moon, Ok Chul Jeon, Youngro Byun, Yu Jin Kim, and Yong-Kyu Lee* 79
- Preparation of Smectic Layered Polymer Networks Using Side Chain Liquid Crystalline Polymers Having Latent Reactive Monomeric Units
Young Taek Oh, Woo Jin Kim, Sang Hyuk Seo, and Ji Young Chang* 84
- Synthesis and Characterization of Organic Light-Emitting Copolymers Containing Naphthalene
Jung-Sik Kim, Jun Heo, Pengtao Kang, Jin Hak Kim, Sung Ouk Jung, Soon-Ki Kwon*, Un-Kyung Kim, and Yun-Hi Kim* 91
- Evaluation of the Anti-Tumor Effects of Paclitaxel-Encapsulated pH-Sensitive Micelles
Jong Kwon Han, Min Sang Kim, Doo Sung Lee*, Yoo-Shin Kim, Rang-Woon Park, Kwangmeyung Kim, and Ick Chan Kwon 99
- Olefin Separation Performances and Coordination Behaviors of Facilitated Transport Membranes Based on Poly (styrene-*b*-isoprene-*b*-styrene)/Silver Salt Complexes
Dong Hoon Lee, Yong Soo Kang*, and Jong Hak Kim 104
- Effects of Filler Characteristics and Processing Conditions on the Electrical, Morphological and Rheological Properties of PE and PP with Conductive Filler Composites
Youn Hee Kim, Dong Hyun Kim, Ji Mun Kim, Sung Hyun Kim, Woo Nyon Kim*, and Heon Sang Lee 110
- Effect of Room Temperature Ionic Liquids Adsorption on Electromechanical Behavior of Cellulose Electro-Active Paper
Suresha K. Mahadeva, Chen Yi, and Jaehwan Kim* 116
- Investigation of Cure Kinetics and Storage Stability of the o-Cresol Novolac Epoxy Nanocomposites with Pre-intercalated Phenolic Hardeners
Tae Yong Hwang, Jae Wook Lee*, Sang Min Lee, and Gi Joon Nam 121
- Roles of Fucoidan, an Anionic Sulfated Polysaccharide on BSA-Stabilized Oil-in-Water Emulsion
Do-Yeong Kim and Weon-Sun Shin* 128

Notes

- Synthesis and Characterization of Iron Oxide Nanoparticles Decorated with Carboxymethyl Curdlan
Chang-Moon Lee, Hwan-Jeong Jeong*, Eun-Mi Kim, Su-Jin Cheong, Eun-Hye Park, Dong Wook Kim, Seok Tae Lim, and Myung-Hee Sohn 133
- Negative-Type Photolithography of Functionalized Gold Nanoparticles
Jun-Ho Lee, Soo-Jung Kang, Pyoung-Chan Lee, Tae Hoon Han, Jae-Do Nam*, and Youngkwan Lee 137