

REVIEWS

Green composites utilizing a glycation crosslinking strategy: a review

Sunyoung Yoon · Hyemin Kim · Yunseong Choi · Jiyun Paik · Hyo Won Kwak* · Hyoung-Joon Jin* 1023

ARTICLES

Optical modeling of top-emitting micro-OLEDs

Dayeon Jung · Hyeonjung Cho · Yuhan So · Changsoon Cho* 1055

New fluoro-benzothiazolium crystals with non-centrosymmetric molecular ordering

Seungmin Kim · Mojca Jazbinsek · Woojin Yoon · Hoseop Yun · O-Pil Kwon* 1063

Synthesis and flame retardancy of phosphorus-containing acrylic resins: influence of oxidation state and substituent flexibility on condensed-phase efficiency

Suhyeon Jo · Jimin Yun · Changwoo Lee · Kyungbeom Kim · Minhyuck Seo · Jong-Min Kim · Nam-Suk Lee · Ka Yeon Ryu* · Se Hyun Kim* · Hoyoul Kong* 1073

N-oxide-based zwitterionic polymer brushes for highly effective antifouling surfaces

Jong Hyeon Byeon · Jinwoo Lee · Sunhee Kim · Sung Min Kang* · Woo Kyung Cho* 1085

Bioinspired suction-driven triboelectric interfaces for adaptive energy harvesting

Dongjun Jin · Jihun Son · Changhyun Pang* 1097

Ultrasmall nano Gd₂O₃-encapsulated mineralized nanoprobe for tumoral pH-activatable ultrasound/MR dual-modality imaging

Jae Won Lee · Cheol-Hee Ahn · Sang Cheon Lee* 1109

Promising ionomer materials with outstanding cell performance for all hydrocarbon-based PEMFCs

Dong-Chan Kim · Min Suc Cha · Dae Hwan Shin · Tae-Ho Kim · Duk Man Yu · Sungjun Kim · Ara Cho · Jeong Bang Ko · Se In Park · Seung Won Baek · Jang Yong Lee* 1123

ARTICLES

- Effect of buffer conductivity and osmolality on electroporation-mediated drug loading into milk-derived extracellular vesicles
Eunhwa Jo · Wongeun Kim · Iljoo Ahn · Jae Bem You · Eun Jung Lee* · Koohee Han* 1133
- Synergistic polylactic acid composites with enhanced UV-shielding and superior mechanical performance for packaging applications
Jehanzad Zafar* · Pirzada · Aleena Ishfaq · Shahzad Zafar 1143
- Halide-stable wide-bandgap perovskite solar cells via carbazole-phosphine oxide interface engineering
Juan Anthony Prayogo · Haeun Kim · Soobin Heo · Hyung-Sun Kim · Dong Ryeol Whang · Dong Wook Chang* · Hui Joon Park* 1157
- Rheological, mechanical, and thermal properties of vitrimers upcycled from polyethylene terephthalate (PET) via reactive melt processing
Seunghyeon Jin · Min Chan Kim · Ji Seok Jung · Hyeong Yong Song* · Kyu Hyun* 1171
- Micro-bubble-modulated isolated air-pocket lithography for sub-micrometer 3D curved patterning
Sang-Ah Oh · Hwan-Jin Jeon* 1187
- Microneedle-mediated intradermal delivery of mRNA-loaded silica nanoparticles for thermostable mRNA delivery
Taejun Eom · Keum-Yong Seong · Seong Hoon Kim · Seongchan Kim* · Seung Yun Yang* 1195
- Oriented porous non-oxidized graphene flakes/PVDF composite foams for lightweight and absorption-enhanced EMI shielding
In-Hyeok Hwang · Ja-Yoon Lee · Juyun Lee · Seon Joon Kim · Mahdi Hamidi · Jin Kim* · Wook Ahn* · Yun-Seok Jun* 1211
- Low-temperature photothermally cross-linked hole transport layer enabled by Thiol-Ene click chemistry for high-performance quantum dot light-emitting diodes
Youngjun Hwang · Jaehyeon Kim · Minsung Kang · Youngu Lee* 1221