

# Chinese Journal of Polymer Science

Volume 38 • Number 11 • November 2020

## RAPID COMMUNICATIONS

- Ultrasmall Nanoparticle ROS Scavengers Based on Polyhedral Oligomeric Silsesquioxanes** 1149  
Zhan Li, Haotian Li, Jianhua Zhang, Xianhu Liu, Zhipeng Gu, and Yiwen Li

## ARTICLES

- High Open-circuit Voltage and Low Voltage Loss in All-polymer Solar Cell with a Poly(coronediiimide-vinylene) Acceptor** 1157  
Han Han, Fu-Jin Bai, Rong Wei, Han Yu, Yi-Kun Guo, He Yan, and Da-Hui Zhao

- Thermoresponsive Nanogels from Dendronized Copolymers for Complexation, Protection and Release of Nucleic Acids** 1164  
Yi Yao, Jian-Hui Wu, Shi-Jie Cao, Bi-Yi Xu, Jia-Tao Yan, Di Wu, Wen Li, and Afang Zhang

- Synthesis of Functional Hyperbranched Poly(methyl-triazolylcarboxylate)s by Catalyst-free Click Polymerization of Butynoates and Azides** 1171  
Mu-Ning Lang, Wei-Wen Chi, Ting Han, Qing-Zhen Zhao, Hong-Kun Li, Ben Zhong Tang, and Yong-Fang Li

- Activation and Deactivation of Chain-transfer Agent in Controlled Radical Polymerization by Oxygen Initiation and Regulation** 1178  
Chun-Na Lv, Ning Li, Yu-Xuan Du, Jia-Hua Li, and Xiang-Cheng Pan

- Homeotropic Alignment and Selective Adsorption of Nanoporous Polymer Film Polymerized from Hydrogen-bonded Liquid Crystal** 1185  
An-Qi Xiao, Xiao-Lin Lyu, Hong-Bing Pan, Zhe-Hao Tang, Wei Zhang, Zhi-Hao Shen, and Xing-He Fan

- Stereoblock Polypropylenes Prepared by Efficient Chain Shuttling Polymerization of Propylene with Binary Zirconium Catalysts and  $i\text{Bu}_3\text{Al}$**  1192  
Xiao Yin, Huan Gao, Fei Yang, Li Pan, Bin Wang, Zhe Ma, and Yue-Sheng Li

- Long-term Thermo-oxidative Degradation Modeling of a Carbon Fiber Reinforced Polyimide Composite: Multistep Degradation Behaviors and Kinetics** 1202  
Yi Liu, Xiao-Zhou Xu, Song Mo, Bang-Wei Lan, Cai-Zhen Zhu, Cui-Hua Li, Jian Xu, and Lin Fan

- Thermostable  $\alpha$ -Diimine Nickel Complexes with Substituents on Acenaphthequinone-backbone for Ethylene Polymerization** 1214  
Rui-Fang Zhang, Yan-Hui Hou, Xu-Ling Wei, Ding-Ding Zhao, Mi-Mi Cui, Fei-Fan Zhai, Xiang-Liu Li, Bin-Yuan Liu, and Min Yang

- Highly Stretchable, Compressible, Adhesive, Conductive Self-healing Composite Hydrogels with Sensor Capacity** 1221  
Ji-Jun Wang, Qiang Zhang, Xing-Xiang Ji, and Li-Bin Liu

- Increased Hydrogen-bonding of Poly(*m*-phenylene isophthalamide) (PMIA) with Sulfonate Moiety for High-performance Easily Dyeable Fiber** 1230  
Na Li, Xing-Ke Zhang, Jun-Rong Yu, Yan Wang, Jing Zhu, and Zu-Ming Hu

- Enhancement of  $\beta$ -Phase Crystal Content of Poly(vinylidene fluoride) Nanofiber Web by Graphene and Electrospinning Parameters** 1239  
Lu Jin, Yan Zheng, Ze-Kun Liu, Jia-Shen Li, Yang-Pei-Qi Yi, Yang Yang Fan, Lu-Lu Xu, and Yi Li

- Effect of Olefin-based Compatibilizers on the Formation of Cocontinuous Structure in Immiscible HDPE/iPP Blends** 1248  
Fei Yang, Li Pan, Hui-Zhen Du, Zhe Ma, and Yue-Sheng Li

- PEN/BADCy Interlayer Dielectric Films with Tunable Microstructures via an Assist of Temperature for Enhanced Frequency Stability** 1258  
Xi-Ting Lei, Li-Fen Tong, Ming-Zhen Xu, Yong You, and Xiao-Bo Liu

- Sustainable Blends of Poly(propylene carbonate) and Stereocomplex Polylactide with Enhanced Rheological Properties and Heat Resistance** 1267  
Yi Li, Yan-Cun Yu, Chang-Yu Han, Xian-Hong Wang, and De-Xin Huang

## ERRATA

- Correction to "Enhanced Crystallization Rate of Poly(L-lactide)/Hydroxyapatite-graft-poly(D-lactide) Composite with Different Processing Temperatures"** 1276  
Min Wang, Lei-Chu You, Yu-Qi Guo, Ni Jiang, Zhi-Hua Gan, and Zhen-Bo Ning

ISSN 0256-7679



9 770256 767200

