



- ➔ 代表性研究成果
- ➔ 科研论文
- ➔ 发明专利
- ➔ 获奖鉴定

2011-SCI

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No	Authors	Title	Journal	Year, Volume, Pages
1	Zhenghai Tang, Chunfang Zeng, Yanda Lei, Baochun Guo, Liqun Zhang and Demin Jia	Fluorescent Whitening Agent Stabilized Graphene And Its Composites With Chitosan	Journal of Materials Chemistry	2011, 21(43), 17111 - 17118
2	Baochun Guo, Yongwen Chen, Yanda Lei, Liqun Zhang, Wen You Zhou, A. Bakr M. Rabie, Jianqing Zhao	Biobased Poly(propylene sebacate) as Shape Memory Polymer with Tunable Switching Temperature for Potential Biomedical Applications	Biomacromolecules	2011, 12(4), 1312 - 1321
3	Jianxiang Shen, Jun Liu, Yangyang Gao, Dapeng Cao and Liqun Zhang	Revisiting the Dispersion Mechanism of Grafted Nanoparticles in Polymer Matrix: A Detailed Molecular Dynamics Simulation	Langmuir	2011, 27 (24), 15213 - 15222
4	Jun Liu, Yangyang Gao, Dapeng Cao, Liqun Zhang, Zhanhu Guo	Nanoparticle Dispersion and Aggregation in Polymer Nanocomposites: Insights from Molecular Dynamics Simulation	Langmuir	2011, 27(12), 7926 - 7933
5	C. Y. Li, W. C. Wang, F. J. Xu, L. Q. Zhang , W. T Yang	Preparation of pH- Sensitive Membranes via Dopamine-Initiated Atom Transfer Radical Polymerization	Journal of Membrane Science	2011, 367(9): 7- 13
6	Chen Ji, Shuai- Shuai Song, Li- Qun Zhang, You- Ping Wu	The Role of Dicumyl Peroxide in the Preparation of Chloroprene Rubber/Starch/Sodium Acrylate Water- Swellable Composites	Carbohydrate Polymers	2011, (86), 581- 586
7	Jun Liu, Yan Wu, Jianxiang Shen , Yangyang Gao, Liqun Zhang, Dapeng Cao	Polymer - Nanoparticle Interfacial Behavior Revisited: A Molecular Dynamics Study	Phys. Chem. Chem. Phys	2011, 13(28), 13058 - 13069
8	Jun Liu, Sizhu Wu, Liqun Zhang, Wenchuan Wang , Dapeng Cao	Molecular Dynamics Simulation for Insight into Microscopic Mechanism of Polymer Reinforcement	Phys. Chem. Chem. Phys.	2011, 13(2), 518 - 529
9	Qingguo Wang, Qingmei Song , Jinliang Qiao , Xiaohong Zhang , Liqun Zhang , Zhihai Song	Good Dispersion of Hydrophilic Nanoscale Calcium Carbonate Particles in Nitrile Butadiene Rubber Matrix	Polymer	2011, 52(15), 3496-3502
10	Wencai Wang, Yi Jiang, Yuan Liao, Ming Tian, Hua Zou, Liqun Zhang	Fabrication of Silver- Coated Silica Microspheres through Mussel-Inspired Surface Functionalization	Journal of Colloid and Interface Science	2011, 358 (2):567 - 574
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11	Li Yang, Cong Li, Tianhu Yuan, Tianwei Tan, Liqun Zhang	Pure Daidzin on Oligo- β -Cyclodextrin-Sephrose HP and Investigation of Chromatographic Behavior of Iso [?] avones by Molecular Docking	Journal of Chromatography B	2011, 879, 1773 - 1780
12	Yue Guan, Lingxin Zhang, Liqun Zhang, Yonglai Lu	Study on Ablative Properties and Mechanisms of Hydrogenated Nitrile Butadiene Rubber (HNBR) Composites containing Different Fillers	Polymer Degradation and Stability	2011, 96(5): 808-817
13	Yuanhu Li, Suhe Zhao, Yaqin Wang	Microbial Desulfurization of Ground Tire Rubber by Thiobacillus Ferrooxidans	Polymer Degradation And Stability	2011, 96(9), 1662-1668
14	Wencai Wang, AINU Zhang, Li Liu, Ming Tian, and Liqun Zhang	Dopamine-Induced Surface Functionalization for the Preparation of Al-Ag Bimetallic Microspheres	Journal of The Electrochemical Society	2011, 158 (4):1-6
15	Ming Tian, Qinghua Hu, Haiyan Wu, Lifeng Zhang, Hao Fong, Liqun Zhang	Formation and Morphological Stability of Polybutadiene Rubber Fbers Prepared through Combination of Electrospinning and in-situ Photo-Crosslinking	Materials Letters	2011, 65(19-20): 3076 - 3079
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27	Bo Qiao, Xue jia Ding, Xiaoxiao Hou, Sizhu Wu	Study on the Electrospun CNTs/Polyacrylonitrile-Based Nanofiber Composites	Journal of Nanomaterials	2011, Art. No. 839462
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35	Yu Ting; Zhao Dong; Zhang, LQ (Zhang Liqun)1; Yue, DM (Yue Dongmei)1	Synthesis and Characterization of Optical-cative and Amphiphilic Graft Copolymers of polyacetylene-mpeg	Acta Polymeric Sinica	2011, (3):281-286
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