



# 超细材料制备与应用教育部重点实验室

Key Laboratory for Ultrafine Materials of Ministry of Education

求真务实、开拓创新

安徽理工大学

成果奖励

科研项目

发表论文

2012发表论文

2011发表论文

2010发表论文

2009发表论文

2008发表论文

2007发表论文

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## 2009发表论文

序号	作者	题目	出版刊物	年、卷、页	影响因子	备注
1	Guo Han; Su Jiacan; Wei Jie; Kong Hang; Liu Changsheng .	Biocompatibility and osteogenicity of degradable Ca-deficient hydroxyapatite scaffolds from calcium phosphate cement for bone tissue engineering	ACTA BIOMATERIALIA	2009 , 5 : 268 - 278 .	4.865	
2	Li Jiashi; Zhang Yan; Chen Jie; Wang Chaohua; Lang Meidong .	Research on functional nanoparticles as drug carrier	ACTA CHIMICA SINICA	2009 , 67 : 2205 - 2209 .	0.533	
3	Sun Yan; Dai Weifeng; Zhang Qingchun; Zhang Yan; Lang Meidong .	Degradability of Poly(epsilon-caprolactone) bearing pendant carboxyl groups	ACTA CHIMICA SINICA	2009 , 67 : 1259 - 1264 .	0.533	
4	Zhuang Qixin; Liu Xilong; Xie Zhong; Wu Pingping; Han Zhewen .	Synthesis and photophysical properties of conjugated poly(9,9-dialkylfluorenolbenzobisoxazole)s	ACTA POLYMERICA SINICA	2009 , : 1252 - 1258 .	0.769	
5	Zhang Jie; Hu Chunpu .	Synthesis, characterization and mechanical properties of polyether-based aliphatic polyurethane elastomers composed of hyperbranched polyester segments	ACTA POLYMERICA SINICA	2009 , : 867 - 873 .	0.769	
6	Qian Ji-jun; Chen Ai-ping; Liu Zhong-xin; Li Chun-zhong .	The rheological characterization of the writing performance of carbon black gel ink	ADVANCED SYNTHESIS AND PROCESSING TECHNOLOGY FOR MATERIALS	2009 , 66 : 139 - 142 .		

8	Zhao Jing; Brugger Joel; Grundler Pascal V.; Xia Fang; Chen Guorong; Pring Allan .	Mechanism and kinetics of a mineral transformation under hydrothermal conditions: Calaverite to metallic gold	AMERICAN MINERALOGIST	2009 , 94 : 1541 - 1555 .	2.169
9	Li Liang; Feng Yingjun; Fe3O4 core/layered double hydroxide shell nanocomposite: versatile magnetic matrix for anionic functional materials	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2009 , 48 : 5888 - 5892 .	13.455	
10	Li Yongsheng; Chen Yong; Li Liang; Gu Jinlou; Zhao Wenru; Li Lei; Shi Jianlin .	A simple co-impregnation route to load highly dispersed Fe(III) centers into the pore structure of SBA-15 and the extraordinarily high catalytic performance	APPLIED CATALYSIS A-GENERAL	2009 , 366 : 57 - 64 .	3.903
11	Li Bing; Xu Yunlong; Chen Jun; Chen Guorong; Zhao Chongjun; Qian Xiuzhen; Wang Meng .	Synthesis and characterization of Ag/PPy composite films via enhanced redox reaction of metal ions	APPLIED SURFACE SCIENCE	2009 , 256 : 235 - 238 .	2.103
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13	Chen Fangping; Mao Yuhao; Liu Changsheng; Yu Miaogen .	A novel silicate-doped calcium-based composite dental pulp capping agent	ASIA-PACIFIC JOURNAL OF CHEMICAL ENGINEERING	2009 , 4 : 522 - 527 .	0.758
14	Zuo Shao-Hua; Zhang Ling-Fan; Yuan Hui- Hui; Lan Min-Bo; Lawrence Geoffrey A.; Wei Gang .	Electrochemical detection of DNA hybridization by using a zirconia modified renewable carbon paste electrode	BIOELECTROCHEMISTRY	2009 , 74 : 223 - 226 .	3.759
15	Dai Chenglong; Yuan Yuan; Liu Changsheng; Wei Jie; Hong Hua; Li Xiaosheng; Pan Xiaohua .	Degradable, antibacterial silver exchanged mesoporous silica spheres for hemorrhage control	BIOMATERIALS	2009 , 30 : 5364 - 5375 .	2.823
16	Wei Lan; Cai Chunhua; Lin Jiaping; Chen Tao .	Dual-drug delivery system based on hydrogel/micelle composites	BIOMATERIALS	2009 , 30 : 2606 - 2613 .	2.823
17	Sheng Yan; Liu Changsheng; Yuan Yuan; Tao Xinyi; Yang Fan; Shan Xiaoqian; Zhou Huanjun; Xu Feng .	Long-circulating polymeric nanoparticles bearing a combinatorial coating of PEG and water-soluble chitosan	BIOMATERIALS	2009 , 30 : 2340 - 2348 .	2.823
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21	Shan Xiaoqian; Yuan Yuan; Liu Changsheng; Tao Xinyi; Sheng Yan; Xu Feng .	Influence of PEG chain on the complement activation suppression and longevity in vivo prolongation of the PCL biomedical nanoparticles	BIOMEDICAL MICRODEVICES	2009 , 11 : 1187 - 1194 .	3.032

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24	Wang Hua; Zhang Xianghua; Yang Guang; Xu Yinsheng; Ma Hongli; Adam J. L.; Gu Zhen'an; Chen Guorong .	Micro-crystallization of the infrared transmitting chalcogenide glass in GeSe <sub>2</sub> -AS(2)Se(3)-PbSe system	CERAMICS INTERNATIONAL 2009 , 35 : 83 - 86 .	1.751	
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26	Cai Chunhua; Lin Jiaping; Chen Tao; Wang Xiao-Song; Lin Shaoliang .	Super-helices self-assembled from a binary system of amphiphilic polypeptide block copolymers and poly peptide homopolymers	CHEMICAL COMMUNICATIONS 2009 , : 2709 - 2711 .	6.169	
27	Jiang Hao; Hu Junqing; Gu Feng; Shao Wei; Li Chunzhong .	Hydrothermal synthesis of novel In <sub>2</sub> O <sub>3</sub> microspheres for gas sensors	CHEMICAL COMMUNICATIONS 2009 , : 3618 - 3620 .	6.169	
28	Hu Junjing; Chen Zhigang; Wang Na; Song Yuelin; Jiang Hao; Sun Yangang .	Large scaled hexagonal prismatic sub-micro sized Mg crystals by a vapor-liquid-solid process	CHEMICAL COMMUNICATIONS 2009 , : 4503 - 4505 .	6.169	第二单位
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30	Dai Wei-Feng; Du Zheng-Zhen; He Yue-Ying; Lang Mei-Dong .	Synthesis, characterization and degradability of P (LA-co-ACL) copolymer bearing pendant N-substituted acylamine group	CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-CHINESE 2009 , 30 : 2076 - 2081 .	0.619	
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33	Gu Jinlou; Zhao Wenru; Li Lei; Shi Jianlin .	Preparation of highly dispersed Mn <sub>x</sub> O <sub>y</sub> /SBA-15 and its catalytic properties	CHINESE JOURNAL OF CATALYSIS 2009 , 30 : 230 - 234 .	1.171	
34	Wang Zi; Dong Qing-zhi; Hu Chun-pu .	Measurements of monomer reactivity ratios for copolymerization of styrene and methyl methacrylate in carbon dioxide at vapor-liquid equilibrium state	CHINESE JOURNAL OF POLYMER SCIENCE 2009 , 27 : 367 - 374 .	0.919	
35	Cheng Qilin; Pavlinek Vladimir; He Ying; Li Chunzhong; Saha Petr .	Electrorheological characteristics of polyaniline/titanate composite nanotube suspensions	COLLOID AND POLYMER SCIENCE 2009 , 287 : 435 - 441 .	0.919	
36	Shan Xiaoqian; Liu Changsheng; Yuan Yuan; Xu Feng; Tao Xinyi; Sheng Yan; Zhou Huanjun .	In vitro macrophage uptake and in vivo biodistribution of long-circulation nanoparticles with poly(ethylene-glycol)-modified PLA (BAB type) triblock copolymer	COLLOIDS AND SURFACES B-BIOINTERFACES 2009 , 72 : 303 - 311 .	3.456	
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38	Liu Gang; Yang Hua Gui; Sun Chenghua; Cheng Lina; Wang Lianzhou; Lu Gao Qing (Max); Cheng Hui-Ming .	Titania polymorphs derived from crystalline titanium diboride	CRYSTENGCOMM	2009 , 11 : 2677 - 2682 .	3.842	第三单位
39	Dong Junping; Hu Yanyan; Xu Jiaqiang; Qu Xiaomin; Zhao Chongjun .	Nanocomposite with polypyrrole encapsulated within SBA-15 mesoporous silica: preparation and ELECTROANALYSIS its electrochemical application		2009 , 21 : 1792 - 1798 .	2.872	第二单位
40	Zhu Yihua; Cao Huimin; Tang Longhua; Yang Xiaoling; Li Chunzhong .	Immobilization of horseradish peroxidase in three-dimensional macroporous TiO <sub>2</sub> matrices for biosensor applications	ELECTROCHIMICA ACTA	2009 , 54 : 2823 - 2827 .	3.832	
41	Dai Weifeng; Zhu Jiayun; Shangguan Aoyu; Lang Meidong .	Synthesis, characterization and degradability of the comb-type poly(4-hydroxyl-epsilon-caprolactone-co-epsilon-caprolactone)-g-poly(L-lactide)	EUROPEAN POLYMER JOURNAL	2009 , 45 : 1659 - 1667 .	2.739	
42	Xia Fang; Brugger Joel; Chen Guorong; Ngothai Yung; O'Neill Brian; Putnis Andrew; Pring Allan .	Mechanism and kinetics of pseudomorphic mineral replacement reactions: A case study of the replacement of pentlandite by violarite	GEOCHIMICA ET COSMOCHIMICA ACTA	2009 , 73 : 1945 - 1969 .	4.589	第四单位
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49	Wan Chuanyun; Li Hui; Wu Mingchang; Zhao Chongjun .	Spherical natural graphite coated by a thick layer of carbonaceous mesophase for use as an anode material in lithium ion batteries	JOURNAL OF APPLIED ELECTROCHEMISTRY	2009 , 39 : 1081 - 1086 .	1.745	
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55	He Junqing; Shao Wei; Zhang Ling; Deng Chao; Li Chunzhong .	Crystallization behavior and UV-protection property of PET-ZnO nanocomposites prepared by in situ polymerization	JOURNAL OF APPLIED POLYMER SCIENCE	2009 , 114 : 1303 - 1311 .	1.289	
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