



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



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
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申请专利

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2010发表论文

序号	作者	题目	出版刊物	年、卷、页	影响因子	备注
	Guan Yong; Zheng Yunlong; Zhou Dongdong; Zheng Anna; Xiao Huining .	Further understanding of mechanism of anionic polymerization through bulk polymerization of styrene at high temperature	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	2010 , 240 : - .		会议摘要290-POLY
2	Chen Cheng; Zhu Yihua; Bao Hua; Yang Xiaoling; Li Chunzhong .	Physically controlled cross-linking in gelled crystalline colloidal array photonic crystals	ACS APPLIED MATERIALS & INTERFACES	2010 , 2 : 1499 - 1504 .	4.525	
3	Zhu Xiaomeng; Wang Liqian; Lin Jiaping; Zhang Liangshun .	Ordered nanostructures self-assembled from block copolymer tethered nanoparticles	ACS NANO	2010 , 4 : 4979 - 4988 .	10.774	
4	Chen Fangping; Liu Changsheng; Mao Yuhao .	Bismuth-doped injectable calcium phosphate cement with improved radiopacity and potent antimicrobial activity for root canal filling	ACTA BIOMATERIALIA	2010 , 6 : 3199 - 3207 .	4.865	第二单位
5	Gong Feirong; Cheng Xiaoyan; Wang Shanfeng; Zhao Yanchao; Gao Yun; Cai Haibo .	Heparin-immobilized polymers as non-inflammatory and non-thrombogenic coating materials for arsenic trioxide eluting stents	ACTA BIOMATERIALIA	2010 , 6 : 534 - 546 .	4.865	

6	Zhu Yaming; Zhang Yan; Liu Zili; Lang Meidong .	Structure and properties of triblock MePEG-b-PCL-b-PDMAEMA	ACTA CHIMICA SINICA	2010 , 68 : 2449 - 2456 .	0.533	
7	Zhang Ling; Yang Jianmin; Feng Chaowei; Li Chunzhong .	Structure and performance of polyamide 6 composites reinforced by glass fiber compounded with nano-SiO ₂ or carbon nanotubes	ACTA POLYMERICA SINICA	2010 , : 1333 - 1339 .	0.533	
8	Wang Jing; Liu Changsheng; Liu Yufei; Zhang Shuo .	Double-network interpenetrating bone cement via in situ hybridization protocol	ADVANCED FUNCTIONAL MATERIALS	2010 , 20 : 3997 - 4011 .	10.179	
9	Niu Dechao; Li Yongsheng; Ma Zhi; Diao Hua; Gu Jinlou; Chen Hangrong; Zhao Wenru; Ruan Meiling; Zhang Yongl	Preparation of uniform, water-soluble, and multifunctional nanocomposites with tunable sizes	ADVANCED FUNCTIONAL MATERIALS	2010 , 20 : 773 - 780 .	10.179	
10	Zuo Shaohua; Zhao Hongli; Zhang Lingfan; Yuan Huihui; Lan Minbo; Lawrence Geoffrey A.; Wei Gang .	An amperometric biosensor based on glucose oxidase immobilized in a sol-gel polyvinyl alcohol/silica hybrid composite film on a prussian blue modified electrode	ADVANCED SCIENCE LETTERS	2010 , 3 : 476 - 481 .	1.253	
11	Zhang Q.; Chen G.; Xu Y.; Liu X.; Qian B.; Dong G.; Zhou Q.; Qiu J.; Chen D. .	Abnormal upconversion luminescence from Yb ³⁺ doped and Tb ³⁺ /Yb ³⁺ codoped high silica glasses induced by intrinsic optical bistability	APPLIED PHYSICS B- LASERS AND OPTICS	2010 , 98 : 261 - 265 .	2.189	
12	Wang Yan; Dai Jing; Zhang Qingchun; Xiao Yan; Lang Meidong .	Improved mechanical properties of hydroxyapatite/poly(epsilon-caprolactone) scaffolds by surface modification of hydroxyapatite	APPLIED SURFACE SCIENCE	2010 , 256 : 6107 - 6112 .	2.103	
13	Dai Chenglong; Liu Changsheng; Wei Jie; Hong Hua; Zhao Qinghui .	Molecular imprinted macroporous chitosan coated mesoporous silica xerogels for hemorrhage control	BIOMATERIALS	2010 , 31 : 7620 - 7630 .	2.823	第二单位
14	Yuan Yuan; Liu Changsheng; Qian Jiangchao; Wang Jing; Zhang Yuan .	Size-mediated cytotoxicity and apoptosis of hydroxyapatite nanoparticles in human hepatoma HepG2 cells	BIOMATERIALS	2010 , 31 : 730 - 740 .	2.823	第二单位
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16	Wu Xiaohui; Wei Jie; Lu Xun; Lv Yang; Chen Fangping; Zhang Yanglan; Liu Changsheng .	Chemical characteristics and hemostatic performances of ordered mesoporous calcium-doped silica xerogels	BIOMEDICAL MATERIALS	2010 , 5 : - 35006 .	2.158	
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18	Zhao Hongli; Meng Xianjiang; Yuan Huihui; Lan Minbo .	Novel melphalan and chlorambucil derivatives of 2,2,6,6-tetramethyl-1-piperidinyloxy radicals: Synthesis, characterization, and biological evaluation in vitro	CHEMICAL & PHARMACEUTICAL BULLETIN	2010 , 58 : 332 - 335 .	1.592	第二单位
19	Liu Gang; Sun Chenghua; Yang Hua Gui; Smith Sean C.; Wang Lianzhou; Lu Gaoqing (Max); Cheng Huiming .	Nanosized anatase TiO ₂ single crystals for enhanced photocatalytic activity	CHEMICAL COMMUNICATIONS	2010 , 46 : 755 - 757 .	6.169	第四单位
20	Sun Chenghua; Yang Xiaohua; Chen Junsong; Li Zhen; Lou Xiongwen; Li Chunzhong; Smith Sean C.; Lu Gaoqin	Higher charge/discharge rates of lithium-ions across engineered TiO ₂ surfaces leads to enhanced battery performance	CHEMICAL COMMUNICATIONS	2010 , 46 : 6129 - 6131 .	6.169	
21	Ma Xueyan; Chen Zhigang; Hartono Sandy Budi; Jiang Haibo; Zou Jin; Qiao Shizhang; Yang Huagui .	Fabrication of uniform anatase TiO ₂ particles exposed by {001} facets	CHEMICAL COMMUNICATIONS	2010 , 46 : 6608 - 6610 .	6.169	
22	Shen Ce; Baccaro S.; Xing Zhongwen; Yan Qiqi; Wang Shufen; Chen Guorong .	Different luminescence behaviors of SnO ₂ /Eu ³⁺ and SnO ₂ /Tm ³⁺ co-doped phosphate glasses	CHEMICAL PHYSICS LETTERS	2010 , 492 : 123 - 126 .	2.337	
23	Wei Li; Chen Qi; Gu Yingjun; Song Li; Hou Fengzhen .	Synthesis and characterization of SiO ₂ -PANI transparent hybrid conducting films	CHINESE JOURNAL OF INORGANIC CHEMISTRY	2010 , 26 : 1225 - 1229 .	2.236	

24	Zhang Zhen; Zhu Yihua; Yang Xiaoling; Li Chunzhong .	Preparation of azithromycin microcapsules by a layer-by-layer self-assembly approach and release behaviors of azithromycin	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2010 , 362 : 135 - 139 .	2.236	
25	Kang Haigang; Zhu Yihua; Jing Yujia; Yang Xiaoling; Li Chungzhong .	Fabrication and electrochemical property of Ag-doped SiO ₂ nanostructured ribbons	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2010 , 356 : 120 - 125 .	2.236	
26	He Yueying; Zhang Yan; Xiao Yan; Lang Meidong .	Dual-response nanocarrier based on graft copolymers with hydrazone bond linkages for improved drug delivery	COLLOIDS AND SURFACES B-BIOINTERFACES	2010 , 80 : 145 - 154 .	3.456	
27	Yu Yonglin; Wang Jing; Liu Changsheng; Zhang Bingwen; Chen Honghong; Guo Han; Zhong Gaoren; Qu Weidong; Jian Songhui; Huang, Huangyuan	Evaluation of inherent toxicology and biocompatibility of magnesium phosphate bone cement	COLLOIDS AND SURFACES B-BIOINTERFACES	2010 , 76 : 496 - 504 .	3.456	第二单位
28	Ma Lihua; Liu Changsheng .	Preparation of chitosan microspheres by ionotropic gelation under a high voltage electrostatic field for protein delivery	COLLOIDS AND SURFACES B-BIOINTERFACES	2010 , 75 : 448 - 453 .	3.456	
29	Jiang Hao; Hu Junqing; Li Chunzhong; Gu Feng; Ma Jan .	Large-scale, uniform, single-crystalline Cd(OH) ₂ hexagonal platelets for Cd-based functional applications	CRYSTENGCOMM	2010 , 12 : 1726 - 1729 .	3.842	
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31	Zhou Kangfu; Zhu Yihua; Yang Xiaoling; Li Chunzhong .	Electrocatalytic oxidation of glucose by the glucose oxidase immobilized in graphene-Au-nafion biocomposite	ELECTROANALYSIS	2010 , 22 : 259 - 264 .	2.872	
32	Yang Xiaofeng; Wang Gengchao; Wang Ruiyu; Li Xingwei .	A novel layered manganese oxide/poly(aniline-co-o-anisidine) nanocomposite and its application for electrochemical supercapacitor	ELECTROCHIMICA ACTA	2010 , 55 : 5414 - 5419 .	3.832	
33	Zhou Kangfu; Zhu Yihua; Yang Xiaoling; Luo Jie; Li Chunzhong; Luan Shaorong .	A novel hydrogen peroxide biosensor based on Au-graphene-HRP-chitosan biocomposites	ELECTROCHIMICA ACTA	2010 , 55 : 3055 - 3060 .	3.832	
34	Su Teng; Wang Gui You; Wang Shao Lei; Hu Chun Pu .	Fluorinated siloxane-containing waterborne polyurethaneureas with excellent hemocompatibility, waterproof and mechanical properties	EUROPEAN POLYMER JOURNAL	2010 , 46 : 472 - 483 .	2.739	
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37	Shen Ce; Ou Yuwen; Qin Guiwen; Chen Guorong; Baccaro S .	Optical properties of phosphate glass containing SnO ₂	GLASS TECHNOLOGY-EUROPEAN JOURNAL OF GLASS SCIENCE AND TECHNOLOGY PART A	2010 , 51 : 213 - 215 .	0.512	

38	Shao Wei; Gu Feng; Li Chunzhong; Lu Mengkai .	Highly efficient dye-sensitized solar cells by using a mesostructured anatase TiO ₂ electrode with high dye loading capacity	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2010 , 49 : 9111 - 9116 .	2.237	
39	Wang Huiting; Hu Yanjie; Zhang Ling; Li Chunzhong .	Self-cleaning films with high transparency based on TiO ₂ nanoparticles synthesized via flame combustion	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2010 , 49 : 3654 - 3662 .	2.237	
40	Shao Wei; Gu Feng; Li Chunzhong; Lu Mengkai .	Interfacial confined formation of mesoporous spherical TiO ₂ nanostructures with improved photoelectric conversion efficiency	INORGANIC CHEMISTRY	2010 , 49 : 5453 - 5459 .	4.601	
41	Han Xiao; Zhu Yihua; Yang Xiaoling; Luan Shaorong .	In situ polymerization of pyrrole in mesoporous silica and application to electrode modification	INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION	2010 , 15 : 155 - 165 .	1.412	
42	Han Lingfeng; Xu Zhenliang; Yu Liyun; Wei Yongming; Cao Yue .	Performance of PVDF/multi-nanoparticles composite hollow fibre ultrafiltration membranes	IRANIAN POLYMER JOURNAL	2010 , 19 : 553 - 565 .	0.936	
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45	Han Xiao; Zhu Yihua; Yang Xiaoling; Li Chunzhong .	Electrocatalytic activity of Pt doped TiO ₂ nanotubes catalysts for glucose determination	JOURNAL OF ALLOYS AND COMPOUNDS	2010 , 500 : 247 - 251 .	2.289	
46	Lin Zhenyu; Liang Xiaoluan; Ou Yuwen; Fan Chaxing; Yuan Shuanglong; Zeng Huidan; Chen Guorong .	Full color photoluminescence of Tb ³⁺ /Sm ³⁺ codoped oxyfluoride aluminosilicate glasses and glass ceramics for white light emitting diodes	JOURNAL OF ALLOYS AND COMPOUNDS	2010 , 496 : L33 - L37 .	2.289	
47	Chen Yu; Chen Qi; Song Li; Li Huiping; Hou Fengzhen .	Synthesis and fluorescent properties of lanthanide complex covalently bonded to porous silica monoliths	JOURNAL OF ALLOYS AND COMPOUNDS	2010 , 490 : 264 - 269 .	2.289	
48	Wang Wei; Xu Yinsheng; Shen Ce; Yan Qiqi; Zeng Huidan; Chen Guorong .	Infrared luminescence of Tm ³⁺ -doped chalcogenide glasses in GeS ₂ -In ₂ S ₃ -CsBr system	JOURNAL OF ALLOYS AND COMPOUNDS	2010 , 490 : L37 - L39 .	2.289	
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51	Zhang Jian; Huang Hui; Guan Yong; Wei Dafu; Hu Fuzeng; Zheng Anna; Xiao Huining .	Synthesis and characterization of polystyrene oligomers with several pendent epoxy groups	JOURNAL OF APPLIED POLYMER SCIENCE	2010 , 117 : 2566 - 2574 .	1.289	
52	Mao Shuangming; Wang Jikui; Qiu Chunchang; Guo Weihong; Wang Yaoxian .	Modification of polypropylene composites containing potassium titanate whisker and talcum	JOURNAL OF APPLIED POLYMER SCIENCE	2010 , 116 : 3455 - 3459 .	1.289	
53	Shen Qingyi; Sun Jiao; Wu Jie; Liu Changsheng; Chen Fangping .	An in vitro investigation of the mechanical-chemical and biological properties of calcium phosphate/calcium silicate/bismutite cement for dental pulp capping	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS	2010 , 94B : 141 - 148 .	2.147	第二单位
54	Kang Haigang; Zhu Yihua; Yang Xiaoling; Jing Yujia; Lengalova Anezka; Li Chungzhong .	A novel catalyst based on electrospun silver-doped silica fibers with ribbon morphology	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2010 , 341 : 303 - 310 .	3.07	
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55	Yuan Huihui; Gao Feng; Zhang Zhigang; Miao Ledo; Yu Ronghua; Zhao Hongli; Lan Minbo .	nanoparticles with multi-sizes and their size-dependent cytotoxicity in pheochromocytoma cells and human embryonic kidney cells	JOURNAL OF HEALTH SCIENCE	2010 , 56 : 632 - 640 .	0.805	第二单位
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58	Zhu Chaofeng; Liang Xiaoluan; Yang Yunxia; Chen Guorong .	Luminescence properties of Tb doped and Tm/Tb/Sm co-doped glasses for LED applications	JOURNAL OF LUMINESCENCE	2010 , 130 : 74 - 77 .	2.102	
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第二单位

88	Zhang Qiang; Zhu Bin; Zhuang Yixi; Chen Guorong; Liu Xiaofeng; Zhang Guang; Qiu Jianrong; Chen Danping .	Quantum cutting in Tm ³⁺ /Yb ³⁺ -codoped lanthanum aluminum germanate glasses	JOURNAL OF THE AMERICAN CERAMIC SOCIETY	2010 , 93 : 654 - 657 .	2.272	第二单位
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第二单位

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