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## 通知公告

- [其它通知] 前沿交叉学科研究院2014年寒假值班计划 (01-08)
- [其它通知] 转: 关于调整仪器设备固定资产建账单价起点的通知 (12-30)
- [学工通知] 关于2012-2013学年度市级奖励推荐名单的公示 (12-13)
- [其它通知] 关于申报校内第二十二期《大型仪器开放测试基金》的通知 (11-15)
- [团组织] 前沿学院2013级党支部开展建设服务型党支部座谈会 (11-04)



## 2013年各研究中心参与发表的SCI论文

检索条件: 地址=(((((Peking Univ) SAME (AAIS OR Interdisciplinary OR (Biomed X Ctr) OR CTB OR (Ctr Theoret Biol) OR CNST OR (Ctr Nanoscale Sci & Technol) OR (Ctr Environm Hlth) OR (Ctr Biomed Mat & Tissue Engn) OR (MRI Res Ctr) OR (Funct Imaging Ctr) OR (Ctr Funct Imaging) OR (Ctr Ocean Res)))))) AND 文献类型=(Article OR Letter OR Review)

Authors	Title	Source	Year	Volume	Issue	Page
Zhou, D; Cheng, QY; Cui, Y; Wang, T; Li, XX; Han, BH	Graphene-terpyridine complex hybrid porous material for carbon dioxide adsorption	CARBON	2014	66		592-598
Huang, X; Zhang, YQ; Zhang, XM; Xu, L; Chen, X; Wei, SC	Influence of radiation crosslinked carboxymethyl-chitosan/gelatin hydrogel on cutaneous wound healing	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2013	33		84816-4824
Xing, L; Jiang, YQ; Yuan, ZN; Zhang, HL; Li, L; Zhou, LP; Zhao, MX	Holocene temperature records from the East China sea mud area southwest of the Cheju Island reconstructed by the U (37) (K') and TEX86 paleothermometers	JOURNAL OF OCEAN UNIVERSITY OF CHINA	2013	12		4599-604
Fang, L; Xiang, R; Zhao, MX; Zhou, LP; Liu, JG; Zhang, LL	Phase evolution of Holocene paleoenvironmental changes in the southern Yellow Sea: Benthic foraminiferal evidence from core C02	JOURNAL OF OCEAN UNIVERSITY OF CHINA	2013	12		4629-638
Zou, QH; Ross, TJ; Gu, H; Geng, XJ; Zuo, XN; Hong, LE; Gao, JH; Stein, EA; Zang, YF; Yang, YH	Intrinsic Resting-State Activity Predicts Working Memory Brain Activation and Behavioral Performance	HUMAN BRAIN MAPPING	2013	34		123204-3215
Deng, Y; Zhao, XH; Zhou, YS; Zhu, PZ; Zhang, L; Wei, SC	In Vitro Growth of Bioactive Nanostructured Apatites via Agar-Gelatin Hybrid Hydrogel	JOURNAL OF BIOMEDICAL NANOTECHNOLOGY	2013	9		121972-1983
Lin, Y; Qiu, XH; Zhao, YF; Ma, J; Yang, QY; Zhu, T	Polybromobenzene Pollutants in the Atmosphere of North China: Levels, Distribution, and Sources	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2013	47		2212761-12767
Deng, Y; Zhang, X; Zhao, X; Li, Q; Ye, Z; Li, Z; Liu, Y; Zhou, Y; Ma, H; Pan, G; Pei, D; Fang, J; Wei, S	Long-term self-renewal of human pluripotent stem cells on peptide-decorated poly(OEGMA-co-HEMA) brushes under fully defined conditions	ACTA BIOMATERIALIA	2013	9		118840-8850
Zhou, WR; Zheng, YF; LeeFlang, MA; Zhou, J	Mechanical property, biocorrosion and in vitro biocompatibility evaluations of Mg-Li-(Al)-(RE) alloys for future cardiovascular stent application	ACTA BIOMATERIALIA	2013	9		108488-8498
Li, B; Dong, L; Chen, B; Ji, SX; Cai, WC; Wang, Y; Zhang, J; Zhang, ZQ; Wang, XY; Fang, J	Turbo Fast Three-Dimensional Carotid Artery Black-Blood MRI by Combining Three-Dimensional MERGE Sequence with Compressed Sensing	MAGNETIC RESONANCE IN MEDICINE	2013	70		51347-1352
Sun, YH; Deng, Y; Ye, ZY; Liang, SS; Tang, ZH; Wei, SC	Peptide decorated nano-hydroxyapatite with enhanced bioactivity and osteogenic differentiation via polydopamine coating	COLLOIDS AND SURFACES B-BIOINTERFACES	2013	111		107-116

Li, M; Liu, Q; Jia, ZJ; Xu, XC; Shi, YY; Cheng, Y; Zheng, YF; Xi, TF; Wei, SC	Electrophoretic deposition and electrochemical behavior of novel graphene oxide-hyaluronic acid-hydroxyapatite nanocomposite coatings	APPLIED SURFACE SCIENCE	2013	284	804-810
Bi, SY; Yu, DQ; Si, GW; Luo, CX; Li, TQ; Ouyang, Q; Jakovljevic, V; Sourjik, V; Tu, YH; Lai, LH	Discovery of novel chemoeffectors and rational design of Escherichia coli chemoreceptor specificity	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2013	110	4216814-16819
Zhang, Y; Zhang, YF; Ji, QQ; Ju, J; Yuan, HT; Shi, JP; Gao, T; Ma, DL; Liu, MX; Chen, YB; Song, XJ; Hwang, HY; Cui, Y; Liu, ZF	Controlled Growth of High-Quality Monolayer WS <sub>2</sub> Layers on Sapphire and Imaging Its Grain Boundary	ACS NANO	2013	7	108963-8971
Ren, XS; Xu, L; Xu, JX; Zhu, PZ; Zuo, L; Wei, SC	Immobilized heparin and its anti-coagulation effect on polysulfone membrane surface	JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION	2013	24	151707-1720
Liu, XL; Zhou, WR; Wu, YH; Cheng, Y; Zheng, YF	Effect of sterilization process on surface characteristics and biocompatibility of pure Mg and MgCa alloys	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2013	33	74144-4154
An, L; Cao, QJ; Sui, MQ; Sun, L; Zou, QH; Zang, YF; Wang, YF	Local synchronization and amplitude of the fluctuation of spontaneous brain activity in attention-deficit/hyperactivity disorder: a resting-state fMRI study	NEUROSCIENCE BULLETIN	2013	29	5603-613
Zhang, JJ; Yang, Z; Li, C; Dou, YN; Li, YJ; Thote, T; Wang, DA; Ge, ZG	Cells Behave Distinctly Within Sponges and Hydrogels Due to Differences of Internal Structure	TISSUE ENGINEERING PART A	2013	19	19-20 2166-2175
Kang, XJ; Luo, CX; Wei, Q; Xiong, CY; Chen, Q; Chen, Y; Ouyang, Q	Mass production of highly monodisperse polymeric nanoparticles by parallel flow focusing system	MICROFLUIDICS AND NANOFUIDICS	2013	15	3337-345
Ma, DL; Zhang, YF; Liu, MX; Ji, QQ; Gao, T; Zhang, Y; Liu, ZF	Clean transfer of graphene on Pt foils mediated by a carbon monoxide intercalation process	NANO RESEARCH	2013	6	9671-678
Yin, JB; Zhang, GM; Liu, H; Liang, J	Hydrothermal Fabrication and Ferroelectric Behavior of Lithium-Doped Zinc Oxide Nanoflakes	SCIENCE OF ADVANCED MATERIALS	2013	5	91139-1149
Sun, LD; Tian, F; Feng, BS; Liu, ZM; Zhang, LR; Pei, JF	Computational Identification of a New Binding Site in Influenza Virus Hemagglutinin for Membrane Fusion Inhibitors	CHEMICAL BIOLOGY & DRUG DESIGN	2013	82	3267-274
Lin, Y; Zhao, YF; Qiu, XH; Ma, J; Yang, QY; Shao, M; Zhu, T	Spatial distribution of polychlorinated naphthalenes in the atmosphere across North China based on gridded field observations	ENVIRONMENTAL POLLUTION	2013	180	27-33
Li, M; Cheng, Y; Zheng, YF; Zhang, X; Xi, TF; Wei, SC	Plasma enhanced chemical vapor deposited silicon coatings on Mg alloy for biomedical application	SURFACE & COATINGS TECHNOLOGY	2013	228	S262-S265
Shao, AL; Cheng, Y; Zhou, Y; Li, N; Xi, TF; Zheng, YF; Wei, SC; Zhang, DY	Electrochemistry properties of multilayer TiN/Ti coatings on NiTi alloy for cardiac occluder application	SURFACE & COATINGS TECHNOLOGY	2013	228	S257-S261
Zhou, Y; Li, M; Cheng, Y; Zheng, YF; Xi, TF; Wei, SC	Tantalum coated NiTi alloy by PIIID for biomedical application	SURFACE & COATINGS TECHNOLOGY	2013	228	S2-S6
Zhao, YF; Ma, J; Qiu, XH; Lin, Y; Yang, QY; Zhu, T	Gridded Field Observations of Polybrominated Diphenyl Ethers and Decabromodiphenyl Ethane in the Atmosphere of North China	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2013	47	158123-8129

Zhen, Z; Xi, TF; Zheng, YF	A review on in vitro corrosion performance test of biodegradable metallic materials	TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA	2013	23	82283-2293
Liu, K; Yuan, Y; Huang, JY; Wei, Q; Pang, MS; Xiong, CY; Fang, J	Improved-Throughput Traction Microscopy Based on Fluorescence Micropattern for Manual Microscopy	PLOS ONE	2013	8	8
Yang, W; Li, ZJ; Zhang, WL; Luo, CX; Ouyang, Q; Yang, G; Wang, YG	A novel density control device for the study of cancer cell autocrine effect	BIOMEDICAL MICRODEVICES	2013	15	4683-689
Ji, QQ; Zhang, YF; Gao, T; Zhang, Y; Ma, DL; Liu, MX; Chen, YB; Qiao, XF; Tan, PH; Kan, M; Feng, J; Sun, Q; Liu, ZF	Epitaxial Monolayer MoS <sub>2</sub> on Mica with Novel Photoluminescence	NANO LETTERS	2013	13	83870-3877
Dong, J; Yang, L; Su, T; Yang, XD; Chen, B; Zhang, J; Wang, XY; Jiang, XX	Quantitative assessment of acute kidney injury by noninvasive arterial spin labeling perfusion MRI: a pilot study	SCIENCE CHINA-LIFE SCIENCES	2013	56	8745-750
Wang, YB; Li, HF; Cheng, Y; Zheng, YF; Ruan, LQ	In vitro and in vivo studies on Ti-based bulk metallic glass as potential dental implant material	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2013	33	63489-3497
Li, N; Li, YD; Wang, YB; Li, M; Cheng, Y; Wu, YH; Zheng, YF	Corrosion resistance and cytotoxicity of a MgF <sub>2</sub> coating on biomedical Mg-1Ca alloy via vacuum evaporation deposition method	SURFACE AND INTERFACE ANALYSIS	2013	45	81217-1222
Zhang, XM; Xu, L; Wei, SC; Zhai, ML; Li, JQ	Stimuli responsive deswelling of radiation synthesized collagen hydrogel in simulated physiological environment	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A	2013	101A	82191-2201
Deng, Y; Wang, HN; Zhang, L; Li, YB; Wei, SC	In situ synthesis and in vitro biocompatibility of needle-like nano-hydroxyapatite in agar-gelatin co-hydrogel	MATERIALS LETTERS	2013	104	8-12
Yuan, WJ; Zhou, Y; Li, YR; Li, C; Peng, HL; Zhang, J; Liu, ZF; Dai, LM; Shi, GQ	The edge- and basal-plane-specific electrochemistry of a single-layer graphene sheet	SCIENTIFIC REPORTS	2013	3	
Yu, F; Zhou, HQ; Zhang, ZX; Wang, G; Yang, HC; Chen, MJ; Tao, L; Tang, DS; He, J; Sun, LF	Controlled Fabrication of Intermolecular Junctions of Single-Walled Carbon Nanotube/Graphene Nanoribbon	SMALL	2013	9	142405-2409
Ma, RN; Feng, HQ; Liang, YD; Zhang, Q; Tian, Y; Su, B; Zhang, J; Fang, J	An atmospheric-pressure cold plasma leads to apoptosis in <i>Saccharomyces cerevisiae</i> by accumulating intracellular reactive oxygen species and calcium	JOURNAL OF PHYSICS D-APPLIED PHYSICS	2013	46	28
Zhang, T; Sun, HW; Lin, Y; Qin, XL; Zhang, YF; Geng, X; Kannan, K	Distribution of Poly- and Perfluoroalkyl Substances in Matched Samples from Pregnant Women and Carbon Chain Length Related Maternal Transfer	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2013	47	147974-7981
Peng, S; Zheng, Q; Zhang, X; Dai, LH; Zhu, JX; Pi, YB; Hu, XG; Cheng, WQ; Zhou, CY; Sha, YL; Ao, YF	Detection of ADAMTS-4 Activity Using a Fluorogenic Peptide-Conjugated Au Nanoparticle Probe in Human Knee Synovial Fluid	ACS APPLIED MATERIALS & INTERFACES	2013	5	136089-6096
Gao, YB; Zhang, YF; Chen, PC; Li, YC; Liu, MX; Gao, T; Ma, DL; Chen, YB; Cheng, ZH; Qiu, XH; Duan, WH; Liu, ZF	Toward Single-Layer Uniform Hexagonal Boron Nitride-Graphene Patchworks with Zigzag Linking Edges	NANO LETTERS	2013	13	73439-3443
Lanza, M; Wang, Y; Gao,					

T; Bayerl, A; Portl, M; Nafria, M; Zhou, YB; Jing, GY; Zhang, YF; Liu, ZF; Yu, DP; Duan, HL	Electrical and mechanical performance of graphene sheets exposed to oxidative environments	NANO RESEARCH	2013	6	7485-495
Cheng, J; Liu, B; Wu, YH; Zheng, YF	Comparative in vitro Study on Pure Metals (Fe, Mn, Mg, Zn and W) as Biodegradable Metals	JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY	2013	29	7619-627
Liu, WT; Tang, X; Ma, YJ; Gao, JH	3D phase unwrapping using global expected phase as a reference: Application to MRI global shimming	MAGNETIC RESONANCE IN MEDICINE	2013	70	1160-168
Deng, Y; Sun, YH; Chen, XF; Zhu, PZ; Wei, SC	Biomimetic synthesis and biocompatibility evaluation of carbonated apatites template-mediated by heparin	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2013	33	52905-2913
Yuan, BK; Chen, PC; Zhang, J; Cheng, ZH; Qiu, XH; Wang, C	Research Progress in Atomic Resolution Microscopy	ACTA PHYSICO-CHEMICA SINICA	2013	29	71370-1384
Wang, Y; Li, Y; Zhou, JH; Zhang, J; Fang, J	A non-encoding structured light approach with infrared illumination for 3D large field shape measurement	OPTICS AND LASER TECHNOLOGY	2013	49	28-32
Bi, SY; Zhang, N; Zuo, J; Zhang, PF; Zhang, Z; Guo, F; Fan, YH	Synthesis, Characterization and Electrochemical Studies on the Interaction Mechanism of Ternary Cu(II) Complex with DNA	ASIAN JOURNAL OF CHEMISTRY	2013	25	74025-4028
Zheng, JX; Wang, YY; Wang, L; Quhe, R; Ni, ZY; Mei, WN; Gao, ZX; Yu, DP; Shi, JJ; Lu, J	Interfacial Properties of Bilayer and Trilayer Graphene on Metal Substrates	SCIENTIFIC REPORTS	2013	3	
Qin, W; Schmidt, L; Yang, XQ; Wei, LN; Huang, T; Yuan, JX; Peng, X; Yuan, XC; Gao, BZ	Laser guidance-based cell detection in a microfluidic biochip	JOURNAL OF BIOMEDICAL OPTICS	2013	18	6
Yang, M; Li, J; Lin, F; Zhu, X	Absorption Enhancements in Plasmonic Solar Cells Coated with Metallic Nanoparticles	PLASMONICS	2013	8	2877-883
Wu, YH; Li, N; Cheng, Y; Zheng, YF; Han, Y	In vitro Study on Biodegradable AZ31 Magnesium Alloy Fibers Reinforced PLGA Composite	JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY	2013	29	6545-550
Du, LB; Suo, SQAW; Luo, D; Jia, HY; Sha, YL; Liu, Y	Hydroxyethylated graphene oxide as potential carriers for methotrexate delivery	JOURNAL OF NANOPARTICLE RESEARCH	2013	15	6
An, L; Cao, XH; Cao, QJ; Sun, L; Yang, L; Zou, QH; Katya, R; Zang, YF; Wang, YF	Methylphenidate Normalizes Resting-State Brain Dysfunction in Boys With Attention Deficit Hyperactivity Disorder	NEUROPSYCHOPHARMACOLOGY	2013	38	71287-1295
Nie, FL; Zheng, YF; Wei, S; Wang, DS; Yu, ZT; Salimgareeva, GK; Polyakov, AV; Valiev, RZ	In vitro and in vivo studies on nanocrystalline Ti fabricated by equal channel angular pressing with microcrystalline CP Ti as control	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A	2013	101A	61694-1707
Bi, SY; Zuo, J; Zhang, N; Zhang, PF; Zhang, Z; Fan, YH	Synthesis and Thermal Decomposition Kinetics of Gd(III) Complex with Unsymmetrical Schiff Base Ligand	ASIAN JOURNAL OF CHEMISTRY	2013	25	63267-3270
Zhang, Q; Liang, YD; Feng, HQ; Ma, RN; Tian, Y; Zhang, J; Fang, J	A study of oxidative stress induced by non-thermal plasma-activated water for bacterial damage	APPLIED PHYSICS LETTERS	2013	102	20
Tao, L; Qiu, CY; Yu, F; Yang, HC; Chen, MJ; Wang, G; Sun, LF	Modification on Single-Layer Graphene Induced by Low-Energy Electron-Beam Irradiation	JOURNAL OF PHYSICAL CHEMISTRY C	2013	117	1910079-10085
Wang, JF; Qi, J; Zhao, H; He, S; Zhang, YF	Metagenomic sequencing reveals microbiota and its functional	SCIENTIFIC REPORTS	2013	3	

Wei, SC; Zhao, FQ	potential associated with periodontal disease				
Quhe, R; Ma, JH; Zeng, ZS; Tang, KC; Zheng, JX; Wang, YY; Ni, ZY; Wang, L; Gao, ZX; Shi, JJ; Lu, J	Tunable band gap in few-layer graphene by surface adsorption	SCIENTIFIC REPORTS	2013	3	
Zhou, JH; Manor, B; Liu, DD; Hu, K; Zhang, J; Fang, J	The Complexity of Standing Postural Control in Older Adults: A Modified Detrended Fluctuation Analysis Based upon the Empirical Mode Decomposition Algorithm	PLOS ONE	2013	8	5
Qin, JF; Xing, YJ; Zhang, GM	Synthesis of Potassium Tungsten Bronze Nanosheets by Phase Transformation	JOURNAL OF THE AMERICAN CERAMIC SOCIETY	2013	96	51617-1621
Gong, JC; Zhu, T; Kipen, H; Wang, GF; Hu, M; Ohman-Strickland, P; Lu, SE; Zhang, L; Wang, YD; Zhu, P; Rich, DO; Diehl, SR; Huang, W; Zhang, JF	Malondialdehyde in exhaled breath condensate and urine as a biomarker of air pollution induced oxidative stress	JOURNAL OF EXPOSURE SCIENCE AND ENVIRONMENTAL EPIDEMIOLOGY	2013	23	3322-327
Wan, ZP; Zhang, SS; Fan, YL; Liu, K; Du, F; Davey, AM; Zhang, HY; Han, WD; Xiong, CY; Liu, WL	B Cell Activation Is Regulated by the Stiffness Properties of the Substrate Presenting the Antigens	JOURNAL OF IMMUNOLOGY	2013	190	94661-4675
Grauel, AL; Schmid, TW; Hu, B; Bergami, C; Capotondi, L; Zhou, LP; Bernasconi, SM	Calibration and application of the 'clumped isotope' thermometer to foraminifera for high-resolution climate reconstructions	GEOCHIMICA ET COSMOCHEMICA ACTA	2013	108	125-140
Cheng, J; Zheng, YF	In vitro study on newly designed biodegradable Fe-X composites (X = W, CNT) prepared by spark plasma sintering	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS	2013	101B	4485-497
Yang, LJ; Wang, S; Zeng, QS; Zhang, ZY; Peng, LM	Carbon Nanotube Photoelectronic and Photovoltaic Devices and their Applications in Infrared Detection	SMALL	2013	9	81225-1236
Yang, C; Wang, L; Zhang, SQ; Zhao, HY	Accounting for non-genetic factors by low-rank representation and sparse regression for eQTL mapping	BIOINFORMATICS	2013	29	81026-1034
Liu, YC; Guo, JT; Hu, GQ; Zhu, HQ	Gene prediction in metagenomic fragments based on the SVM algorithm	BMC BIOINFORMATICS	2013	14	
Yu, S; Liang, YD; Sun, SJ; Zhang, K; Zhang, J; Fang, J	Vehicle Exhaust Gas Clearance by Low Temperature Plasma-Driven Nano-Titanium Dioxide Film Prepared by Radiofrequency Magnetron Sputtering	PLOS ONE	2013	8	4
Li, R; Yang, QY; Qiu, XH; Li, KQ; Li, G; Zhu, P; Zhu, T	Reactive Oxygen Species Alteration of Immune Cells in Local Residents at an Electronic Waste Recycling Site in Northern China	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2013	47	73344-3352
Liu, WT; Tang, X; Ma, YJ; Gao, JH	Improved Parallel MR Imaging Using a Coefficient Penalized Regularization for GRAPPA Reconstruction	MAGNETIC RESONANCE IN MEDICINE	2013	69	41109-1114
Ye, CH; Xi, TF; Zheng, YF; Wang, SQ; Li, YD	In vitro corrosion and biocompatibility of phosphating modified WE43 magnesium alloy	TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA	2013	23	4996-1001
Liao, ZL; Chen, DM	A Metal Oxide Heterostructure for Resistive Random Access Memory Devices	CHINESE PHYSICS LETTERS	2013	30	4

Shang, Y; Sun, ZW; Cao, JJ; Wang, XM; Zhong, LJ; Bi, XH; Li, H; Liu, WX; Zhu, T; Huang, W	Systematic review of Chinese Studies of short-term exposure to air pollution and daily mortality	ENVIRONMENT INTERNATIONAL	2013	54	100-111
Li, C; Zhang, JJ; Li, YJ; Moran, S; Khang, G; Ge, ZG	Poly (L-lactide-co-caprolactone) scaffolds enhanced with poly (beta-hydroxybutyrate-co-beta-hydroxyvalerate) microspheres for cartilage regeneration	BIOMEDICAL MATERIALS	2013	8	2
Hao, Y; Manor, B; Liu, J; Zhang, K; Chai, YF; Lipsitz, L; Peng, CK; Novak, V; Wang, XY; Zhang, J; Fang, J	Novel MRI-Compatible Tactile Stimulator for Cortical Mapping of Foot Sole Pressure Stimuli with fMRI	MAGNETIC RESONANCE IN MEDICINE	2013	69	41194-1199
Yang, QY; Qiu, XH; Li, R; Liu, SS; Li, KQ; Wang, FF; Zhu, P; Li, G; Zhu, T	Exposure to typical persistent organic pollutants from an electronic waste recycling site in Northern China	CHEMOSPHERE	2013	91	2205-211
Zhang, ZX; Fu, BF; Zhang, DY; Zhang, ZW; Cheng, Y; Sheng, LY; Lai, C; Xi, TF	Safety and efficacy of novel lamellar TiN coatings on nitinol atrial septal defect occluders in vivo	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2013	33	31355-1360
Li, Q; Jiang, YY; Han, RC; Zhong, XL; Liu, SY; Li, ZY; Sha, YL; Xu, DS	High Surface-Enhanced Raman Scattering Performance of Individual Gold Nanoflowers and Their Application in Live Cell Imaging	SMALL	2013	9	6927-932
Zhang, CH; Fu, L; Zhang, YF; Liu, ZF	Segregation Phenomenon and Its Control in the Catalytic Growth of Graphene	ACTA CHIMICA SINICA	2013	71	3308-322
Lanza, M; Bayerl, A; Gao, T; Porti, M; Nafria, M; Jing, GY; Zhang, YF; Liu, ZF; Duan, HL	Graphene-Coated Atomic Force Microscope Tips for Reliable Nanoscale Electrical Characterization	ADVANCED MATERIALS	2013	25	101440-1444
Zhou, CJ; Wang, S; Sun, JL; Wei, N; Yang, LJ; Zhang, ZY; Liao, JH; Peng, LM	Plasmonic enhancement of photocurrent in carbon nanotube by Au nanoparticles	APPLIED PHYSICS LETTERS	2013	102	10
Wang, L; Zheng, W; Zhao, HY; Deng, MH	Statistical Analysis Reveals Co-Expression Patterns of Many Pairs of Genes in Yeast Are Jointly Regulated by Interacting Loci	PLOS GENETICS	2013	9	3
Zheng, JX; Wang, L; Quhe, RG; Liu, QH; Li, H; Yu, DP; Mei, WN; Shi, JJ; Gao, ZX; Lu, J	Sub-10 nm Gate Length Graphene Transistors: Operating at Terahertz Frequencies with Current Saturation	SCIENTIFIC REPORTS	2013	3	
Kim, S; Brostromer, E; Xing, D; Jin, JS; Chong, SS; Ge, H; Wang, SY; Gu, C; Yang, LJ; Gao, YQ; Su, XD; Sun, YJ; Xie, XS	Probing Allostery Through DNA	SCIENCE	2013	339	6121816-819
Ling, X; Wu, JX; Xie, LM; Zhang, J	Graphene-Thickness-Dependent Graphene-Enhanced Raman Scattering	JOURNAL OF PHYSICAL CHEMISTRY C	2013	117	52369-2376
Wang, M; Fu, L; Gan, L; Zhang, CH; Rummeli, M; Bachmatiuk, A; Huang, K; Fang, Y; Liu, ZF	CVD Growth of Large Area Smooth-edged Graphene Nanomesh by Nanosphere Lithography	SCIENTIFIC REPORTS	2013	3	
Xi, HZ; Liu, Q; Tian, Y; Guo, SM; Cu, MY; Zhang, GM	The Study on SiO2 Pattern Fabrication Using Ge1.5Sn0.5Sb2Te5 as Resists	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2013	13	2829-833
Peng, JP; Zhang, H; Tang, LC; Jia, Y; Zhang, Z	Dielectric Properties of Carbon Nanotubes/Epoxy Composites	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2013	13	2964-969

Yin, H; Li, GD; Jiang, C	Temperature Effect of Activation Energy for GaSb Quantum Dots Using Variable Temperature Photoluminescence	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2013	13	21022-1025
Miao, JJ; Wang, YS; Guo, CF; Tian, Y; Zhang, JM; Liu, Q; Zhou, ZP	Beam Focusing by Tapered Metallic Nano-Slits	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2013	13	21026-1029
Yu, F; Hu, LJ; Zhou, HQ; Qiu, CY; Yang, HC; Chen, MJ; Lu, JL; Sun, LF	Thermoelectric Power of a Single-Walled Carbon Nanotubes Rope	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2013	13	21335-1338
Pan, J; Yang, XH; Sun, K; Wang, J; Sun, P; Wu, HY; Becker, KH; Zhu, WD; Zhang, J; Fang, J	Tooth Bleaching Using Low Concentrations of Hydrogen Peroxide in the Presence of a Nonthermal Plasma Jet	IEEE TRANSACTIONS ON PLASMA SCIENCE	2013	41	2325-329
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