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通知公告

- [其它通知] 前沿交叉学科研究院2014年寒假带班值班计划 (01-08)
- [其它通知] 转: 关于调整仪器设备固定资产入账单价起点的通知 (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)
- [党团组织] 前沿学院2013级党支部开展建设服务型党支部座谈会 (11-04)



2008年各研究中心参与发表的SCI论文

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Authors	Title	Source	Year	Volume	Page
Hu, GQ; Zheng, XB; Yang, YF; Ortet, P; She, ZS; Zhu, HQ	ProTISA: a comprehensive resource for translation initiation site annotation in prokaryotic genomes	NUCLEIC ACIDS RESEARCH	2008	36	
Lin, F; Zhou, W; Huang, XM; Ren, L; Liu, ZF	Modulation of the structure and electronic density of molecular chains on organic conductor surfaces	JOURNAL OF PHYSICAL CHEMISTRY C	2008	112	1090-1093
Liao, HM; Wu, YL; Yu, JL; Ouyang, Q	Local wave grouping in a parameter-gradient system and its formation mechanism	PHYSICAL REVIEW E	2008	77	
Zhang, SX; Wang, X; Chen, XF; Cao, H; Zhang, W; Liu, CQ	Secondary structural analysis of the mRNA regions encoding the hemagglutinin cleavage site basic amino acids of the avian influenza virus H5N1 subtype samples	CHINESE SCIENCE BULLETIN	2008	53	377-383
Fan, Y; Han, SH	Temporal dynamic of neural mechanisms involved in empathy for pain: An event-related brain potential study	NEUROPSYCHOLOGIA	2008	46	160-173
Bai, HJ; Ma, WZ; Liu, SY; Lai, LH	Dynamic property is a key determinant for protein-protein interactions	PROTEINS-STRUCTURE FUNCTION AND BIOINFORMATICS	2008	70	1323-1331
Zhang, YY; Zhang, Y; Xian, XJ; Zhang, J; Liu, ZF	Sorting out semiconducting single-walled carbon nanotube Arrays by preferential destruction of metallic tubes using xenon-lamp irradiation	JOURNAL OF PHYSICAL CHEMISTRY C	2008	112	3849-3856
Chen, Z; Tong, LM; Wu, ZY; Liu, ZF	Fabrication of electromechanical switch using interconnected single-walled carbon nanotubes	APPLIED PHYSICS LETTERS	2008	92	
Han, SH; Fan, Y; Mao, L	Gender difference in empathy for pain: An electrophysiological investigation	BRAIN RESEARCH	2008	1196	85-93
Yao, XQ; Zhu, HQ; She, ZS	A dynamic Bayesian network approach to protein secondary structure prediction	BMC BIOINFORMATICS	2008	9	
Xie, GY; Zhang, GM; Lin, F; Zhang, J; Liu, ZF; Mu, SC	The fabrication of subwavelength anti-reflective nanostructures using a bio-template	NANOTECHNOLOGY	2008	19	
Lu, XC; Wang, CY; Qiao, C; Wu, Y; Qi, OY; Wang, HL	Effect of noise on chemical waves in three-dimensional reaction-diffusion systems with gradient	JOURNAL OF CHEMICAL PHYSICS	2008	128	
Wu, YB; Qiao, C; Qi, OY; Wang, HL	Control of spiral turbulence by periodic forcing in a reaction-diffusion system with gradients	PHYSICAL REVIEW E	2008	77	
Fu, ZP; Xu, XH; Wang, HL; Ouyang, Q	Stochastic simulation of Turing patterns	CHINESE PHYSICS LETTERS	2008	25	1220-1223
Tong, LM; Li, ZP; Zhu, T; Xu, HX; Liu, ZF	Single gold-nanoparticle-enhanced Raman scattering of individual single-walled carbon nanotubes via atomic force microscope manipulation	JOURNAL OF PHYSICAL CHEMISTRY C	2008	112	7119-7123
Zhou, W; Lin, F; Ren, L; Huang, XM; Ran, CB; Ding, SA; Peng, HL	Thermochemical hole burning performance of TCNQ-based charge transfer complexes with different electrical conductivities	NANOTECHNOLOGY	2008	19	

Liu, ZF	Hu, JS; Teng, JL; Ding, NZ; He, M; Sun, YH; Yu, ACH; Chen, JG	FAAP, a novel murine protein, is involved in cell adhesion through regulating vinculin-paxillin association	FRONTIERS IN BIOSCIENCE	2008	13	7123-7131
Jiao, LY; Xian, XJ; Fan, B; Wu, ZY; Zhang, J; Liu, ZF		Fabrication of carbon nanotube diode with atomic force microscopy manipulation	JOURNAL OF PHYSICAL CHEMISTRY C	2008	112	7544-7546
Shao, X; Wu, YB; Zhang, JZ; Wang, HL; Ouyang, Q		Inward propagating chemical waves in a single-phase reaction-diffusion system	PHYSICAL REVIEW LETTERS	2008	100	
Hu, GO; Zheng, XB; Ju, LN; Zhu, HQ; She, ZS		Computational evaluation of TIS annotation for prokaryotic genomes	BMC BIOINFORMATICS	2008	9	
Gao, B; Zhang, YY; Zhang, J; Kong, J; Liu, ZF		Systematic comparison of the Raman spectra of metallic and semiconducting SWNTs	JOURNAL OF PHYSICAL CHEMISTRY C	2008	112	8319-8323
Zhou, L; Fang, C; Wei, P; Liu, SY; Liu, Y; Lai, LH		Chemically induced dimerization of human nonpancreatic secretory phospholipase A2 by bis-indole derivatives	JOURNAL OF MEDICINAL CHEMISTRY	2008	51	3360-3366
Chin, CS; Chubukov, V; Jolly, ER; DeRisi, J; Li, H		Dynamics and design principles of a basic regulatory architecture controlling metabolic pathways	PLOS BIOLOGY	2008	6	1343-1356
Long, YZ; Chen, ZJ; Peng, HL; Liu, ZF		Anisotropic electrical conductivity, phase transition and thermal hysteresis of a charge-transfer salt dibutylammonium bis-7, 7, 8, 8-tetracyanoquinodimethane DBA(TCNO) (2)	CHINESE PHYSICS B	2008	17	2251-2256
Kloster, M; Tang, C		SCUMBLE: a method for systematic and accurate detection of codon usage bias by maximum likelihood estimation	NUCLEIC ACIDS RESEARCH	2008	36	3819-3827
Qiao, C; Wu, YB; Lu, XC; Wang, CY; Qi, QY; Wang, HL		Control of scroll wave turbulence in a three-dimensional reaction-diffusion system with gradient	CHAOS	2008	18	
Tsai, TYC; Choi, YS; Ma, WZ; Pomerening, JR; Tang, C; Ferrell, JE		Robust, tunable biological oscillations from interlinked positive and negative feedback loops	SCIENCE	2008	321	126-129
Ni, M; Wang, SY; Ouyang, Q		Modelling the SOS response by semi-stochastic simulation	CHINESE PHYSICS LETTERS	2008	25	2702-2705
Jiao, LY; Xian, XJ; Liu, ZF		Manipulation of ultralong single-walled carbon nanotubes at macroscale	JOURNAL OF PHYSICAL CHEMISTRY C	2008	112	9963-9965
Yang, XD; Cao, J; Wang, XY; Li, XM; Xu, YF; Jiang, XX		Evaluation of renal oxygenation in rat by using R2* at 3-T magnetic resonance: Initial observation	ACADEMIC RADIOLOGY	2008	15	912-918
Yao, XQ; She, ZS		Key residue-dominated protein folding dynamics	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	2008	373	64-68
Gao, B; Duan, XJ; Zhang, J; Wu, G; Dong, JM; Liu, ZF		G-band variation of individual single-walled carbon nanotubes under torsional strain	JOURNAL OF PHYSICAL CHEMISTRY C	2008	112	10789-10793
Peng, HL; Ran, CB; Liu, ZF; Long, YZ; Wang, ZM; Yu, ZQ; Sun, HL; Wei, YG; Gao, S; Chen, ZJ; Chen, EQ		Structure, physical properties and phase transition of a quasi-one-dimensional organic semiconductor DBA(TCNO)(2)	JOURNAL OF PHYSICAL CHEMISTRY C	2008	112	11001-11006
Zhang, L; Zhong, J; Huang, LX; Wang, LJ; Hong, YK; Sha, YL		Parallel-oriented fibrogenesis of a beta-sheet forming peptide on supported lipid bilayers	JOURNAL OF PHYSICAL CHEMISTRY B	2008	112	8950-8954
Han, SH; Gao, XC; Humphreys, GW; Ge, JQ		Neural processing of threat cues in social environments	HUMAN BRAIN MAPPING	2008	29	945-957
Qian, P; Wu, ZY; Diao, P; Zhang, GM; Zhang, J; Liu, ZF		Electrochemical identification of metallic and semiconducting single-walled carbon nanotubes	JOURNAL OF PHYSICAL CHEMISTRY C	2008	112	13346-13348
Luo, CX; Zhu, XJ; Yu, T; Luo, XJ; Ouyang, Q; Ji, H; Chen, Y		A fast cell loading and high-throughput microfluidic system for long-term cell culture in zero-flow environments	BIOTECHNOLOGY AND BIOENGINEERING	2008	101	190-195
Jiao, LY; Fan, B; Xian,		Creation of nanostructures with poly(methyl	JOURNAL OF THE			

XJ; Wu, ZY; Zhang, J; Liu, ZF	methacrylate)-mediated nanotransfer printing	AMERICAN CHEMICAL SOCIETY	2008	130	
Lv, DJ; Zhuang, J; Chen, HJ; Wang, J; Xu, YF; Yang, XD; Zhang, J; Wang, XY; Fang, J	Dynamic contrast-enhanced magnetic resonance images of the kidney - A processing study	IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE	2008	27	36-41
Mu, Y; Fan, Y; Mao, LH; Han, SH	Event-related theta and alpha oscillations mediate empathy for pain	BRAIN RESEARCH	2008	1234	128-136
Sun, ZX; Sang, LJ; Ju, LN; Zhu, HQ	A new method for splice site prediction based on the sequence patterns of splicing signals and regulatory elements	CHINESE SCIENCE BULLETIN	2008	53	3331-3340
Reina, A; Son, HB; Jiao, LY; Fan, B; Dresselhaus, MS; Liu,	Transferring and Identification of Single- and Few-Layer Graphene on Arbitrary Substrates	JOURNAL OF PHYSICAL CHEMISTRY C	2008	112	17741-17744