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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)
- [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)



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Authors	Title	Source	Year	Volume	Page
Chen, HF; Wang, J; Cai, SM; Liu, ZF	Self-assembled Au nanoparticles on GaAs and its surface enhanced Raman scattering (SERS)-activity	CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-CHINESE	1999	20	620-623
Zhu, T; Fu, XY; Mu, T; Wang, J; Liu, ZF	pH-dependent adsorption of gold nanoparticles on p-aminothiophenol-modified gold substrates	LANGMUIR	1999	15	5197-5199
Jiang, P; Liu, ZF; Cai, SM	In situ CdS nanocluster formation on scanning tunneling microscopy tips for reliable single-electron tunneling at room temperature	APPLIED PHYSICS LETTERS	1999	75	3023-3025
Hu, RS; Liu, ST; Zhu, T; Liu, ZF; Huang, XH; Huang, HZ	Covalent attachment of gold nanoparticles onto the thiol-terminated surface through Au-Sbonding	ACTA PHYSICO-CHEMICA SINICA	1999	15	961-965
Zhu, ZH; Zhu, T; Liu, ZF	Preparation of gold sols of large size particles	ACTA PHYSICO-CHEMICA SINICA	1999	15	966-970
Zhu, T; Zhu, ZH; Wang, J; Wang, YC; Liu, ZF	Gold nanoparticles assembly as the model system in studying mechanisms of surface enhanced Raman scattering	MOLECULAR CRYSTALS AND LIQUID CRYSTALS SCIENCE AND TECHNOLOGY SECTION A-MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1999	337	237-240
Zhu, T; Yu, HZ; Wang, YC; Liu, ZF	Irreversible adsorption and reduction of p-nitrothio-phenol monolayers on gold: Electrochemical in situ surface enhanced Raman spectroscopy	MOLECULAR CRYSTALS AND LIQUID CRYSTALS SCIENCE AND TECHNOLOGY SECTION A-MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1999	337	241-244
Liu, ST; Zhu, T; Wang, YC; Liu, ZF	Synthesis and pH dependent optical properties of gold nanoparticles capped with mercaptopropionic acid	MOLECULAR CRYSTALS AND LIQUID CRYSTALS SCIENCE AND TECHNOLOGY SECTION A-MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1999	337	245-248
He, HX; Zhang, HA; Wang, YC; Liu, ZF	Chemical force titration of conjugated pyridyl group-terminated self-assembled monolayers	MOLECULAR CRYSTALS AND LIQUID CRYSTALS SCIENCE AND TECHNOLOGY SECTION A-MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1999	337	301-304
Wu, ZY; Dong, D; Zhang, H; He, HX; Liu, ZF	Monitoring the electrochemical transformation of an azobenzene-terminated alkanethiolate monolayer at gold by chemical force microscopy	MOLECULAR CRYSTALS AND LIQUID CRYSTALS SCIENCE AND TECHNOLOGY SECTION A-MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1999	337	305-308
Chen, HF; Song, JO; Wang, YC; Liu, ZF	Fabrication of PdIr-coated conductive atomic force microscope tip and its application in nanofabrication	MOLECULAR CRYSTALS AND LIQUID CRYSTALS SCIENCE AND TECHNOLOGY SECTION A-MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1999	337	309-312
		MOLECULAR CRYSTALS AND			

She, J; Song, JQ; Wang, YC; Liu, ZF	APM lithography on Langmuir-Blodgett film of octadecyl trichlorosilane	LIQUID CRYSTALS SCIENCE AND TECHNOLOGY SECTION A-MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1999	337	313-316
Jiang, P; Liu, ZF; Wang, YC; Cai, SM	Room temperature single electron tunneling in nanoparticle-STM tip assemblies	MOLECULAR CRYSTALS AND LIQUID CRYSTALS SCIENCE AND TECHNOLOGY SECTION A-MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1999	337	317-320
Li, JJ; Wang, RQ; Liu, ZF; Cai, SM; Xiao, XY; Sun, SG	Investigation of the oxidation effect of porous silicon during electroluminescence by in situ FTIR	MOLECULAR CRYSTALS AND LIQUID CRYSTALS SCIENCE AND TECHNOLOGY SECTION A-MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1999	337	525-528
He, HX; Huang, W; Zhang, H; Li, QG; Li, SFY; Liu, ZF	Demonstration of high-resolution capability of chemical force titration via study of acid/base properties of a patterned self-assembled monolayer	LANGMUIR	2000	16	517-521
Zhang, ZJ; Hou, SF; Zhu, ZH; Liu, ZF	Preparation and characterization of a porphyrin self-assembled monolayer with a controlled orientation on gold	LANGMUIR	2000	16	537-540
Zhang, ZJ; Hu, RS; Liu, ZF	Formation of a porphyrin monolayer film by axial ligation of protoporphyrin IX zinc to an amino-terminated silanized glass surface	LANGMUIR	2000	16	1158-1162
Zhu, ZH; Zhu, T; Wang, J; Liu, ZF	Dependence of the raman intensity on the surface coverage of nanoparticles in SERS-active gold nanoparticulate films	ACTA PHYSICO-CHEMICA SINICA	2000	16	138-144
Pang, JB; Qiu, KY; Wei, Y; Lei, XJ; Liu, ZF	A facile preparation of transparent and monolithic mesoporous silica materials	CHEMICAL COMMUNICATIONS	2000		477-478
Hu, RS; Liu, ST; Zhu, ZH; Zhu, T; Liu, ZF	Assembling gold nanoparticles on ultrasmooth silicon surface	ACTA PHYSICO-CHEMICA SINICA	2000	16	202-206
Liu, ZF; Shen, ZY; Zhu, T; Hou, SF; Ying, LZ; Shi, ZJ; Gu, ZN	Organizing single-walled carbon nanotubes on gold using a wet chemical self-assembling technique	LANGMUIR	2000	16	3569-3573
He, HX; Zhang, H; Li, QG; Zhu, T; Li, SFY; Liu, ZF	Fabrication of designed architectures of Au nanoparticles on solid substrate with printed self-assembled monolayers as templates	LANGMUIR	2000	16	3846-3851
Liu, ST; Hu, RS; Zhu, ZH; Zhu, T; Liu, ZF	Reorganization of gold nanoparticles in self-assembled nanostructures	ACTA PHYSICO-CHEMICA SINICA	2000	16	294-298
Zheng, JW; Zhu, ZH; Chen, HF; Liu, ZF	Nanopatterned assembling of colloidal gold nanoparticles on silicon	LANGMUIR	2000	16	4409-4412
Zhang, H; He, HX; Wang, J; Liu, ZF	Atomic force microscopy evidence of citrate displacement by 4-mercaptopyridine on gold in aqueous solution	LANGMUIR	2000	16	4554-4557
Huang, XH; Huang, HZ; Wu, NZ; Hu, RS; Zhu, T; Liu, ZF	Investigation of structure and chemical states of self-assembled - Au nanoscale particles by angle-resolved X-ray photoelectron spectroscopy	SURFACE SCIENCE	2000	459	183-190
Yu, XF; Mu, T; Huang, HZ; Liu, ZF; Wu, NZ	The study of the attachment of a single-walled carbon nanotube to a self-assembled monolayer using X-ray photoelectron spectroscopy	SURFACE SCIENCE	2000	461	199-207
Yu, HZ; Ye, S; Zhang, HL; Uosaki, K; Liu, ZF	Molecular orientation and electrochemical stability of azobenzene self-assembled monolayers on gold: An in-situ FTIR study	LANGMUIR	2000	16	6948-6954
Fu, Q; Zhang, H; He, HX; Liu, ZF	Force titration of omega-mercapto-n-undecylamine self-assembled monolayers by chemical force microscopy	CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-CHINESE	2000	21	1738-1741
Zheng, JW; Chen, ZC; Liu, ZF	Atomic force microscopy-based nanolithography on silicon using colloidal Au nanoparticles as a nanooxidation mask	LANGMUIR	2000	16	9673-9676

Zhang, S; Dong, D; Gan, LB; Liu, ZF; Huang, CH	Photoelectric response of a gold electrode modified with self-assembled monolayers of pyrrolidinofullerenes	NEW JOURNAL OF CHEMISTRY	2001	25	606-610
Qi, H; Zhu, T; Liu, ZF	Gold nanorods sol prepared by electrolysis	ACTA PHYSICO-CHEMICA SINICA	2000	16	956-960
Wu, B; Zhang, J; Wei, Z; Cai, SM; Liu, ZF	Chemical alignment of oxidatively shortened single-walled carbon nanotubes on silver surface	JOURNAL OF PHYSICAL CHEMISTRY B	2001	105	5075-5078
Smith, DA; Robinson, C; Kirkham, J; Zhang, J; Wallwork, ML	Chemical force spectroscopy and imaging	REVIEWS IN ANALYTICAL CHEMISTRY	2001	20	1-26
Wei, Z; Chen, Y; Liu, ZF	Preparation of short single walled carbon nanotubes by CVD growth and by chemical oxidation	ACTA PHYSICO-CHEMICA SINICA	2001	17	687-691
Wei, Z; Chen, Y; Liu, ZF	CVD synthesis and diameter distribution of single-walled carbon nanotubes	ACTA PHYSICO-CHEMICA SINICA	2001	17	718-722
Zhu, ZH; Sheng, XX; Zhang, ZJ; Zhu, T; Liu, ZF	Surface Enhanced Raman Spectroscopic detection of porphyrin monolayer	CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-CHINESE	2001	22	1368-1372
Zhu, T; Zhu, ZH; Wang, J; Wang, YC; Liu, ZF	Gold nanoparticles assembly as the model system in studying mechanisms of surface enhanced Raman scattering	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1999	337	237-240
Zhu, T; Yu, HZ; Wang, YC; Liu, ZF	Irreversible adsorption and reduction of p-nitrothio-phenol monolayers on gold: Electrochemical in situ surface enhanced Raman spectroscopy	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1999	337	241-244
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Chen, HF; Song, JQ; Wang, YC; Liu, ZF	Fabrication of PdIr-coated conductive atomic force microscope tip and its application in nanofabrication	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1999	337	309-312
She, J; Song, JQ; Wang, YC; Liu, ZF	AFM lithography on Langmuir-Blodgett film of octadecyl trichlorosilane	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1999	337	313-316
Jiang, P; Liu, ZF; Wang, YC; Cai, SM	Room temperature single electron tunneling in nanoparticle-STM tip assemblies	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1999	337	317-320
Li, JJ; Wang, RQ; Liu, ZF; Cai, SM; Xiao, XY; Sun, SG	Investigation of the oxidation effect of porous silicon during electroluminescence by in situ FTIR	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	1999	337	525-528
Dong, D; Zhang, S; Zhu, T; Gan, LB; Liu, ZF	Fullerene-terminated SAMs on gold(111): Formation and characterization	ACTA PHYSICO-CHEMICA SINICA	2001	17	978-981
Zhang, ZJ; Yoshida, N; Imae, T; Xue, QB; Bai, M; Jiang, JZ; Liu, ZF	A self-assembled monolayer of an alkanolic acid-derivatized porphyrin on gold surface: A structural investigation by surface plasmon resonance, ultraviolet-visible, and infrared spectroscopies	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2001	243	382-387
Nan, XL; Gu, ZN; Liu, ZF	Immobilizing shortened single-walled carbon nanotubes (SWNTs) on gold using a surface condensation method	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2002	245	311-318
Li, QW; Yan, H; Cheng, Y; Zhang, J; Liu, ZF	A scalable CVD synthesis of high-purity single-walled carbon nanotubes with porous MgO as support material	JOURNAL OF MATERIALS CHEMISTRY	2002	12	1179-1183
Yang, YL; Zhang, J; Nan, XL; Liu, ZF	Toward the chemistry of carboxylic single-walled carbon nanotubes by chemical force microscopy	JOURNAL OF PHYSICAL CHEMISTRY B	2002	106	4139-4144
Zou, HL; Yang, YL; Wu, B; Qing, Q; Li, QW;	Purification and characterization of single-walled carbon nanotubes	ACTA PHYSICO-CHEMICA	2002	18	409-413

Zhang, J; Liu, ZF	synthesized by chemical vapor deposition	LANGMUIR	2002	18	4495-4499
Jiang, P; Liu, ZF; Cai, SM	Growing monodispersed PbS nanoparticles on self-assembled monolayers of 11-mercaptoundecanoic acid on Au(111) substrate	LANGMUIR	2002	18	4495-4499
Kirkham, J; Brookes, SJ; Shore, RC; Wood, SR; Smith, DA; Zhang, J; Chen, HF; Robinson, C	Physico-chemical properties of crystal surfaces in matrix-mineral interactions during mammalian biomineralisation	CURRENT OPINION IN COLLOID & INTERFACE SCIENCE	2002	7	124-132
Liu, ZF	Nanostructuring based on scanning probe microscopy and bottom up assembly for future nanoelectronic devices	INTERNATIONAL JOURNAL OF NONLINEAR SCIENCES AND NUMERICAL SIMULATION	2002	3	733-734
Yang, YL; Zou, HL; Wu, B; Li, QW; Zhang, J; Liu, ZF; Guo, XY; Du, ZL	Enrichment of large-diameter single-walled carbon nanotubes by oxidative acid treatment	JOURNAL OF PHYSICAL CHEMISTRY B	2002	106	7160-7162
Jiang, L; Lai, LH	CH center dot center dot center dot O hydrogen bonds at protein-protein interfaces	JOURNAL OF BIOLOGICAL CHEMISTRY	2002	277	37732-37740
Zou, HL; Yang, YL; Li, QW; Zhang, J; Liu, ZF; Guo, XY; Du, ZL	Electron beam-induced structure transformation of single-walled carbon nanotubes	CARBON	2002	40	2282-2284
Li, QW; Hao, Y; Li, XH; Zhang, J; Liu, ZF	High-density growth of single-wall carbon nanotubes on silicon by fabrication of nanosized catalyst thin films	CHEMISTRY OF MATERIALS	2002	14	4262-4266
Diao, P; Liu, ZF; Wu, B; Nan, XL; Zhang, J; Wei, Z	Chemically assembled single-wall carbon nanotubes and their electrochemistry	CHEMPHYSICHEM	2002	3	898-901
Yan, H; Li, QW; Zhang, J; Liu, ZF	Possible tactics to improve the growth of single-walled carbon nanotubes by chemical vapor deposition	CARBON	2002	40	2693-2698
Li, QW; Yan, H; Ye, YC; Zhang, J; Liu, ZF	Defect location of individual single-walled carbon nanotubes with a thermal oxidation strategy	JOURNAL OF PHYSICAL CHEMISTRY B	2002	106	11085-11088
Liu, ST; Zhu, T; Hu, RS; Liu, ZF	Evaporation-induced self-assembly of gold nanoparticles into a highly organized two-dimensional array	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2002	4	6059-6062
Cao, LY; Diao, P; Liu, ZF	Preparation of Au (core)-Cu (shell) nanoparticles assembly by electrodeposition	ACTA PHYSICO-CHEMICA SINICA	2002	18	1062-1067
Liu, ZJ; Jiang, L; Gao, Y; Liang, SD; Chen, H; Han, YZ; Lai, LH	Beyond the rotamer library: Genetic algorithm combined with the disturbing mutation process for upbuilding protein side-chains	PROTEINS-STRUCTURE FUNCTION AND GENETICS	2003	50	49-62
Li, QG; Zheng, JW; Liu, ZF	Site-selective assemblies of gold nanoparticles on an AFM tip-defined silicon template	LANGMUIR	2003	19	166-171
Li, XH; Zhang, J; Li, QW; Li, HL; Liu, ZF	Polymerization of short single-walled carbon nanotubes into large strands	CARBON	2003	41	598-601
Li, XH; Niu, JL; Zhang, J; Li, HL; Liu, ZF	Labeling the defects of single-walled carbon nanotubes using titanium dioxide nanoparticles	JOURNAL OF PHYSICAL CHEMISTRY B	2003	107	2453-2458
Jiang, P; Liu, ZF; Cai, SM	Direct fabrication of monodispersed ultrasmall CdS nanocrystals from self-assembled monolayers on Au(111) substrate	JOURNAL OF MATERIALS SCIENCE LETTERS	2003	22	577-579
Zhang, J; Zou, HL; Qing, Q; Yang, YL; Li, QW; Liu, ZF; Guo, XY; Du, ZL	Effect of chemical oxidation on the structure of single-walled carbon nanotubes	JOURNAL OF PHYSICAL CHEMISTRY B	2003	107	3712-3718
Li, XH; Wu, B; Huang, JE; Zhang, J; Liu, ZF; Li, HI	Fabrication and characterization of well-dispersed single-walled carbon nanotube/polyaniline composites	CARBON	2003	41	1670-1673
Han, XF; Liu, Y; Gao, Y; Lai, LH	Comparative molecular field analysis of non-peptidic inhibitors of thrombin	ACTA CHIMICA SINICA	2003	61	1136-1139

Chen, X; Feng, Q; Wu, ZY; Liu, YY; Huang, K; Shi, R; Chen, SD; Lu, W; Ding, MX; Collins, RA; Fung, YWW; Lau, LT; Yu, ACH; Chen, JG	RNA-dependent RNA polymerase gene sequence from foot-and-mouth disease virus in Hong Kong	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	2003	308	899-905
Yang, YF; Wang, HL; Qi, OY	Dynamics of DNA in vitro evolution with Mnt-repressor: Simulations and analysis	PHYSICAL REVIEW E	2003	68	
Yan, H; Li, QW; Zhang, J; Liu, ZF	The effect of hydrogen on the formation of nitrogen-doped carbon nanotubes via catalytic pyrolysis of acetonitrile	CHEMICAL PHYSICS LETTERS	2003	380	347-351
Li, QW; Yan, H; Zhang, J; Liu, ZF	'Pulsed' CVD growth of single-walled carbon nanotubes	CARBON	2003	41	2876-2878
Zhang, LR; Luo, LF	Splice site prediction with quadratic discriminant analysis using diversity measure	NUCLEIC ACIDS RESEARCH	2003	31	6214-6220
Jia, MW; Luo, LF; Liu, CQ	Statistical correlation between protein secondary structure and messenger RNA stem-loop structure	BIOPOLYMERS	2004	73	16-26
Hou, SF; Li, ZC; Li, QG; Liu, ZF	Poly(methyl methacrylate) nanobrushes on silicon based on localized surface-initiated polymerization	APPLIED SURFACE SCIENCE	2004	222	338-345
Fan, KQ; Wei, P; Feng, Q; Chen, SD; Huang, CK; Ma, L; Lai, B; Pei, JF; Liu, Y; Chen, JG; Lai, LH	Biosynthesis, purification, and substrate specificity of severe acute respiratory syndrome coronavirus 3C-like proteinase	JOURNAL OF BIOLOGICAL CHEMISTRY	2004	279	1637-1642
Kloster, M; Tang, C	Simulation and analysis of in vitro DNA evolution	PHYSICAL REVIEW LETTERS	2004	92	
Niu, JL; Zou, HL; Zhang, J; Liu, ZF	Tracing the chemical oxidation process of single-walled carbon nanotubes by silver nanoparticles	ACTA PHYSICO-CHEMICA SINICA	2004	20	1-4
Li, QW; Zhang, J; Yan, H; He, MS; Liu, ZF	Thionine-mediated chemistry of carbon nanotubes	CARBON	2004	42	287-291
Gao, Y; Wang, RX; Lai, LH	Structure-based method for analyzing protein-protein interfaces	JOURNAL OF MOLECULAR MODELING	2004	10	44-54
Gao, LY; Zhu, T; Liu, ZF	Synthesis of gold colloid with exclusion of nonspherical nanoparticles by seeding growth	ACTA PHYSICO-CHEMICA SINICA	2004	20	211-215
Wang, X; Yue, WB; He, MS; Liu, MH; Zhang, J; Liu, ZF	Bimetallic catalysts for the efficient growth of SWNTs on surfaces	CHEMISTRY OF MATERIALS	2004	16	799-805
Cao, LY; Diao, P; Zhu, T; Liu, ZF	Uniform electrochemical deposition of copper onto self-assembled gold nanoparticles	JOURNAL OF PHYSICAL CHEMISTRY B	2004	108	3535-3539
Zhu, ZH; Zhu, T; Liu, ZF	Raman scattering enhancement contributed from individual gold nanoparticles and interparticle coupling	NANOTECHNOLOGY	2004	15	357-364
Li, FT; Long, T; Lu, Y; Ouyang, Q; Tang, C	The yeast cell-cycle network is robustly designed	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2004	101	4781-4786
Huang, CK; Wei, P; Fan, KQ; Liu, Y; Lai, LH	3C-like proteinase from SARS coronavirus catalyzes substrate hydrolysis by a general base mechanism	BIOCHEMISTRY	2004	43	4568-4574
Wang, X; Li, QQ; Liu, ZB; Zhang, J; Liu, ZF; Wang, RM	Low-temperature growth and properties of ZnO nanowires	APPLIED PHYSICS LETTERS	2004	84	4941-4943
Zhang, XT; Zhang, J; Wang, RM; Liu, ZF	Cationic surfactant directed polyaniline/CNT nanocables: synthesis, characterization, and enhanced electrical properties	CARBON	2004	42	1455-1461
Ma, XT; Qian, MP; Tang, HX	Predicting polymerase II core promoters by cooperating transcription factor binding sites in eukaryotic genes	ACTA BIOCHIMICA ET BIOPHYSICA SINICA	2004	36	250-258

Yu, XC; Zhang, R; Peng, HL; Zhang, YY; Liu, ZF	The dependence of threshold voltage on pulse duration for DPA(TCNQ)(2)	ACTA PHYSICO-CHEMICA SINICA	2004	20	561-564
Yu, XC; Peng, HL; Zhang, R; Zhang, YY; Liu, ZF	Influence of decomposition temperature on the threshold voltage for a series of charge transfer complexes	ACTA PHYSICO-CHEMICA SINICA	2004	20	565-568
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Long, YZ; Chen, ZJ; Zhang, XT; Zhang, J; Liu, ZF	Electrical properties of multi-walled carbon nanotube/polypyrrole nanocables: percolation-dominated conductivity	JOURNAL OF PHYSICS D-APPLIED PHYSICS	2004	37	1965-1969
Luo, LF; Jia, MW; Li, XO	Protein structure preference, tRNA copy number, and mRNA stem/loop content	BIOPOLYMERS	2004	74	432-447
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Cao, LY; Tong, LM; Diao, P; Zhu, T; Liu, ZF	Kinetically controlled Pt deposition onto self-assembled Au colloids: Preparation of Au (core)-Pt (shell) nanoparticle assemblies	CHEMISTRY OF MATERIALS	2004	16	3239-3245
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Yu, XC; Zhang, R; Peng, HL; Ran, CB; Zhang, YY; Liu, ZF	Thermochemical hole burning on DPA(TCNQ)(2) and MEM(TCNQ)(2) charge transfer complexes using a scanning tunneling microscope	JOURNAL OF PHYSICAL CHEMISTRY B	2004	108	14800-14803
Pan, M; Wang, CM; Liu, CQ	Stable RNA hairpins in 88 coding regions of human mRNA	PROGRESS IN NATURAL SCIENCE	2004	14	960-965
Pei, JF; Wang, Q; Zhou, JJ; Lai, LH	Estimating protein-ligand binding free energy: Atomic solvation parameters for partition coefficient and solvation free energy calculation	PROTEINS-STRUCTURE FUNCTION AND BIOINFORMATICS	2004	57	651-664
Yang, DN; Zhang, J; Wang, RM; Liu, ZF	Solution phase synthesis of magnesium hydroxide sulfate hydrate nanoribbons	NANOTECHNOLOGY	2004	15	1625-1627
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Zhu, HQ; Hu, GQ; Ouyang, ZQ; Wang, J; She, ZS	Accuracy improvement for identifying translation initiation sites in microbial genomes	BIOINFORMATICS	2004	20	3308-3317
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