

## 2007年度生物有机实验室论文统计

- 1 Metal mediated synthesis of substituted cyclooctatetraenes  
Chao Wang and Zhenfeng Xi\*  
*Chem. Commun.* **2007**, 5119-5133. (Feature Article)
- 2 Lewis Acid-Promoted Tandem Intermolecular Diels-Alder/ Intramolecular Allylation Reactions of Silyl-Substituted 1,3-Butadienes Leading to Multi-Substituted 7-Norbornenones and Related Polycyclic Compounds  
Dongzhen Li, Guangzhen Liu, Qiaoshu Hu, Chao Wang, and Zhenfeng Xi\*  
*Org. Lett.* **2007**, 9, 5433-5436.
- 3 Isolation and Synthetic Applications of 2,5-Bis(alkynylsilyl) Zirconacyclopentadienes  
Junhui Liu, Wen-Xiong Zhang, Xiangyu Guo, Zhaomin Hou,\* and Zhenfeng Xi\*  
*Organometallics* **2007**, 26, 6812-6820
- 4 A novel reaction of titanacyclopentenes and aldehydes with and without Lewis acids,  
Qiaoshu Hu, Dongzhen Li, Huijun Zhang, and Zhenfeng Xi\*  
*Tetrahedron Lett.* **2007**, 48, 6167-6170.
- 5 Highly Efficient Synthesis of Stereo-defined Multi-substituted 1,4-Dicyano- and 1-Cyano-1,3-butadienes and Their Reactions with Organolithium Reagents,  
Congyang Wang, Chao Wang, Qifeng Wang, Zhihui Wang, Hui Sun, Xiangyu Guo, and Zhenfeng Xi\*  
*Chem. Eur. J.* **2007**, 13, 6484-6494.
- 6 Chao Wang, Qian Luo, Hui Sun, Xiangyu Guo, and Zhenfeng Xi\*  
Lithio Siloles: Facile Synthesis and Applications  
*J. Am. Chem. Soc.* **2007**, 129, 3094-3095.
- 7 Synthesis of Multiply Substituted Alkylidene Silacyclohexadiene Derivatives via Palladium-Catalyzed Insertion of Alkynes into Alkylidene Silacyclobutenes  
Junhui Liu, Xiaohua Sun, Mikihiro Miyazaki, Lantao Liu, Congyang Wang, and Zhenfeng Xi\*  
*J. Org. Chem.* **2007**, 72, 3137-3140.
- 8 Dearomatizing Anionic Cyclization and Novel Skeletal Rearrangement: High Yield Formation of Multiply Substituted Bicyclic or polycyclic Spirocyclopentadienes and Phenanthrene Derivatives from 4-Aryl 1-lithio-1,3-butadienes  
Lantao Liu, Zhihui Wang, Fei Zhao, and Zhenfeng Xi\*  
*J. Org. Chem.* **2007**, 72, 3484-3491.

- 9** Formation of stable enols from 1,4-dilithio-1,3-dienes and acid chlorides by a de-aromatization/Michael addition/re-aromatization domino process  
Qiaoshu Hu, Chao Wang, Dongzhen, Li, and Zhenfeng Xi\*  
*Org. Biomol. Chem.* **2007**, *5*, 2114-2118.
- 10** Lewis Acid-Controlled Reactions of Zirconacyclopentadienes with Isocyanates and Isothiocyanates. One-Pot Three- or Four-Component Synthesis of Multiply Substituted Iminocyclopentadienes and Butadiene-bridged 1,6-Bisamides and Electrophilic Cyclization,  
Qiaoshu Hu, Jiang Lu, Congyang Wang, Chao Wang, and Zhenfeng Xi\*  
*Tetrahedron* **2007**, *63*, 6614-6624. (创刊 50 周年纪念特邀)
- 11** 卤代-1,3-丁二烯衍生物的合成研究进展  
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*有机化学* **2007**, *27*, 837-846。
- 12** Co-operative effect of Lewis acids with transition metals for organic synthesis  
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*Chem. Soc. Rev.* **2007**, *36*, 1395-1406.
- 13** 1-Lithio-1,3-dienes: Useful Building Blocks for Cyclic Compounds  
Zhenfeng Xi\*  
*Bull. Chem. Soc. Jpn.* **2007**, *80*, 1021-1036. (日本化学会志 80 周年纪念特邀综述)
- 14** 1-Zircona-2-cyclohexenes: Novel Synthesis and Preliminary Reactions  
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*Organometallics* **2007**, *26*, 775-777.
- 15** Facile synthesis of multiply substituted cyclopentadienes and conjugated dienals from the reaction of 1,4-dilithio-1,3-dienes with carboxylic acid derivatives including acid chlorides, anhydrides, and DMF  
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*Eur. J. Org. Chem.* **2007**, 1267-1263.
- 16** Investigation on Ru(II)-catalyzed Reaction of [2,3]-Sigmatropic Rearrangement of Sulfur Ylide Generated from Metal Carbene  
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*Acta Chim. Sinica* **2007**, *65*, 1733-1735.
- 17** Lewis Acid-Catalyzed Propargylation of Arenes with O-Propargyl Trichloroacetimidates: Synthesis of 1,3-Diarylpropynes  
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*J. Org. Chem.* **2007**, *72*, 7431-7434.

- 18** Palladium-Catalyzed Cross-Coupling of Aryl or Vinyl Iodides with Ethyl Diazoacetate  
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*J. Am. Chem. Soc.* **2007**, *129*, 8708-8709.
- 19** One-pot Synthesis of  $\alpha$ -Iodo Substituted  $\alpha$ ,  $\beta$ -Unsaturated Aldehydes from Propargylic Alcohols  
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*J. Org. Chem.* **2007**, *72*, 4993-4996.
- 20** 1,2-Sulfanyl Group Migration as Driving Force: New Approach to Pyrroles by Reaction of Allenic Aldehydes with Amines  
Lingling Peng, Xiu Zhang, Jie Ma, Zhenzhen Zhong, and Jianbo Wang\*  
*Org. Lett.* **2007**, *9*, 1445-1448.
- 21** CuCl-catalyzed Cleavage of S-Triphenylmethyl Thioether: A New Detritylation Method for Thio Group  
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*Tetrahedron Lett.* **2007**, *48*, 1095-1097.
- 22** DBU-Catalyzed Condensation of Acyldiazomethanes to Aldehydes in Water and a New Approach to Ethyl  $\beta$ -Hydroxy  $\alpha$ -Arylacrylates  
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*Tetrahedron Lett.* **2007**, *48*, 1147-1149.
- 23** Au-Catalyzed Reaction of Propargylic Sulfides and Dithioacetals  
Lingling Peng, Xiu Zhang, Shiwei Zhang, and Jianbo Wang\*  
*J. Org. Chem.* **2007**, *72*, 1192-1197.
- 24** Transition Metal Catalyzed Rearrangement of Allenyl Sulfides: A New Approach to Furan Derivatives  
Lingling Peng, Xiu Zhang, Ming Ma, and Jianbo Wang\*  
*Angew. Chem. Int. Ed.* **2007**, *46*, 1905-1908.
- 25** Highly Efficient [2,3]-Sigmatropic Rearrangement of Sulfur Ylide Derived from Rh (II) Carbene and Sulfides in Water  
Mingyi Liao and Jianbo Wang\*  
*Green Chem.* **2007**, *9*, 184-188.
- 26** Mechanism of Rhodium-Catalyzed Carbene Formation from Diazo Compounds, Freeman M. Wong, Jianbo Wang, Alvan Hengge\*, Weiming Wu\*  
*Org. Lett.* **2007**, *9*, 1663-1665.

- 27** Synthesis of [59]Fullerenones through Peroxide-Mediated Stepwise Cleavage of Fullerene Skeleton Bonds and X-ray Structures of Their Water-Encapsulated Open-Cage Complexes  
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*J. Am. Chem. Soc.* **2007**, *129*, 16149-16162.
- 28** Boomerang Type Substitution Reaction, Reactivity of Fullerene Epoxide and Halofullerenol  
Zhenshan Jia, Xiang Zhang, Gaihong Zhang, Shaohua Huang, Hao Fang, Xiangqing Hu, Yuliang Li, Liangbing Gan,\* Shiwei Zhang,\* and Daoben Zhu  
*Chem. Asian. J.* **2007**, *2*, 290-300.
- 29** Amination of [60]Fullerene by Ammonia, Primary and Secondary Aliphatic Amines. Preparation of Amino[60]fullerene Peroxides  
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*Chem. Eur. J.* **2007**, *13*, 1129-1141.
- 30** From Fullerene-Mixed Peroxide to Open-Cage Oxafulleroid  $C_{59}(O)_3(OH)_2(OOtBu)_2$  Embedded with Furan and Lactone Motifs  
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*Org. Lett.* **2007**, *9* (9), 1741-1743.
- 31** Efficient conversion of bromofullerene to alkoxyfullerenes through either homolytic or heterolytic cleavage of C60–Br bond  
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*Tetrahedron* **2007**, *63*, 9120-9123.
- 32** Effect of Lithium Chloride on Tuning the Reactivity of Pausion-Khand Reactions Catalyzed by Palladium-Tetramethylthiourea  
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*Synthesis* **2007**, *16*, 2565-2570.
- 33** Synthesis of Thiourea-Oxazolines, a New Class of Chiral S,N-Heterobidentate Ligands: Application in Pd-Catalyzed Asymmetric Bis (methoxycarbonylation) of Terminal Olefins  
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*Organometallics* **2007**, *26*, 4756-4762.

- 34** An Efficient One-Pot Asymmetric Synthesis of Biaryl Compounds via Diels-Alder/Retro-Diels-Alder Cascade Reactions  
Yongxiang Liu, Kui Lu, Mingji Dai, Kai Wang, Wanqing Wu, Jiahua Chen, Junmin Quan, and Zhen Yang\*  
*Org. Lett.* **2007**, *9*, 805-808
- 35** Synthesis of Giant Rigid  $\pi$ -Conjugated Dendrimers  
Yang Jiang, Yi-Xuan Lu, Yu-Xin Cui, Qi-Feng Zhou, Yuguo Ma and Jian Pei\*  
*Org. Lett.* **2007**, *9*, 4539-4542.
- 36** Single Sub-micrometer Wire Transistors of Thiophene-containing Oligoacenes by Direct Solution Process  
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*J. Am. Chem. Soc.* **2007**, *129*, 12386-12387.
- 37** Three-Dimensional Architectures for Highly Stable Pure Blue Emission  
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*J. Am. Chem. Soc.* **2007**, *129*, 11314-11315.
- 38** Thin Film Organic Transistors from Air-Stable Heteroarenes: Anthra-[1,2-b:4,3-b':5,6-b'':8,7-b''']tetrathiophene Derivatives  
Wen-Jun Liu, Yan Zhou, Yuguo Ma, Yong Cao, Jian Wang and Jian Pei\*  
*Org. Lett.* **2007**, *9*, 4187-4190.
- 39** Chiral Helical Polyfluorene Derivatives: Synthesis, Chiroptical Properties, and Investigation of the Structure-Property Relationships  
Jichao Yan, Xu Cheng, Qilin Zhou and Jian Pei\*  
*Macromolecules* **2007**, *40*, 832-839.
- 40** The Photophysical Properties and Electropolymerization of Regioregular Head-to-Tail Oligothiophenes-Functionalized 9,9'-Spirobifluorene Derivatives  
Weihong Jin, Jing Ni, Yihin Lai and Jian Pei\*  
*Acta Physico-Chimica Sinica* **2007**, *23*, 459-465.
- 41** Star-Shaped Oligo(*p*-phenylene)-Functionalized Truxenes as Blue Light-Emitting Materials: Synthesis, and The Structure-Property Relationship  
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*Tetrahedron* **2007**, *63*, 2907-2914.

- 42** An Unexpected Role of A Trace Amount of Water in Catalyzing Proton Transfer in Phosphine-Catalyzed (3+2) Cycloaddition of Allenates and Alkenes  
Yuanzhi Xia, Yong Liang, Yuanyuan Chen, Ming Wang, Lei Jiao, Feng Huang, Song Liu, Yahong Li, and Zhi-Xiang Yu\*  
*J. Am. Chem. Soc.* **2007**, *129*, 3470.
- 43** A Computationally Designed Rh(I)-Catalyzed Two-Component [5+2+1] Cycloaddition of Ene-Vinylcyclopropanes and CO for the Synthesis of Cyclooctenones  
Yuanyuan Wang, Jingxin Wang, Jiachun Su, Feng Huang, Lei Jiao, Yong Liang, Dazhi Yang, Shiwei Zhang, Paul A. Wender, and Zhixiang Yu\*  
*J. Am. Chem. Soc.* **2007**, *129*, 10060.
- 44** Mechanistic Twist of the [8+2] Cycloadditions of Dienylisobenzofurans and Dimethyl Acetylenedicarboxylate: Stepwise [8+2] vs. [4+2]/[1,5]-Vinyl Shift Mechanisms Revealed Through a Theoretical and Experimental Study  
Yuanyuan Chen, Siyu Ye, Lei Jiao, Yong Liang, Dilip K. Sinha-Mahapatra, James, W. Herndon, and Zhixiang Yu\*  
*J. Am. Chem. Soc.* **2007**, *129*, 10773.
- 45** DFT Study of the Mechanisms of In Water Au(I)-Catalyzed Tandem [3,3]-Rearrangement/Nazarov Reaction/[1,2]-Hydrogen Shift of Enynyl Acetates: A Proton-Transport Catalysis Strategy in the Water-Catalyzed [1,2]-Hydrogen  
Fuqiang Shi, Xin Li, Yuanzhi Xia, Liming Zhang, and Zhixiang Yu\*  
*J. Am. Chem. Soc.* **2007**, *129*, 15503.
- 46** Suzuki-Miyaura Coupling Reaction by PdII-Catalyzed Aromatic C-H Bond Activation Directed by an N-Alkyl Acetamino Group  
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*Angew. Chem. Int. Ed.* **2007**, *46*, 5554-5558. (highlighted by *Naturechina*)
- 47** *Ortho* Arylation of Acetanilides with Trialkoxy Phenylsilane via Pd(II)-Catalyzed C-H Functionalization  
Shangdong Yang, Bijie Li, Xiaobing Wan, and Zhangjie Shi\*  
*J. Am. Chem. Soc.* **2007**, *129*, 6066-6067. (4# hot paper of JACS)
- 48** Indirect *Ortho* Functionalization of Substituted Toluenes through *Ortho* Olefination of N,N-Dimethyl-benzylamines Tuned by Acidity of Reaction Conditions  
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*J. Am. Chem. Soc.* **2007**, *129*, 7666-7673.

- 49** Asymmetric Friedel-Crafts Alkylation of Methoxyfuran with Nitroalkenes Catalyzed by Diphenylamine-tethered Bis(oxazoline)-Zn(II) Complexes  
Han Liu, Jiayi Xu and Daming Du\*  
*Org. Lett.* **2007**, 9(23), 4725–4728.
- 50** Synthesis and mass spectrometry of 2-hydroxyethyl 1-aryl-1-(*N*-benzoxycarbonylamino)methylphosphonate monoesters  
Shuzong Cai, Wei Yin, Yuan Ma, Han Liu, Yufen Zhao and Jiayi Xu\*  
*Phosphorus Sulfur Silicon Relat. Elem.* **2007**, 182(1), 25-33.
- 51** Notable and obvious ketene substituent-dependent effect of temperature on the stereoselectivity in the Staudinger reaction  
Bonan Li, Yikai Wang, Daming Du, Jiayi Xu\*  
*J. Org. Chem.* **2007**, 72(3), 990-997.
- 52** Ligand and substrate pi-stacking interaction controlled enantioselectivity in the asymmetric aziridination  
Linge Ma, Peng Jiao, Qihan Zhang, Daming Du, Jiayi Xu\*  
*Tetrahedron: Asymmetry* **2007**, 18(7), 878-884.
- 53** 微波与有机化学反应的选择性  
许家喜  
*化学进展* **2007**, 19(5), 700-712.
- 54** Synthesis of phosphinopeptides via the Mannich ligation  
Bonan Li, Shuzong Cai, Da-Ming Du, Jiayi Xu\*  
*Org. Lett.* **2007**, 9(12), 2257-2260.
- 55** Efficient synthesis of taurine and structurally diverse substituted taurines from aziridines  
Libo Hu, Hui Zhu, Daming Du, Jiayi Xu \*  
*J. Org. Chem.* **2007**, 72(12), 4543-4546.
- 56** Diastereoselectivity in the Staudinger reaction: A useful probe for investigation on nonthermal microwave effects  
Libo Hu, Yikai Wang, Bonan Li, Daming Du, Jiayi Xu\*  
*Tetrahedron* **2007**, 63(38), 9387-9392.
- 57** 3-(噻吩-2-基)- $\beta$ -内酰胺的合成及其立体化学  
李伯男, 梁勇, 焦雷, 胡立博, 杜大明, 许家喜  
*化学学报* **2007**, 65(16), 1649-1653.
- 58** Effect of the borane source on the enantioselectivity in the chiral oxazaborolidine-catalyzed asymmetric borane reduction of ketones.  
Wang, Xiao; Du, Juanjuan; Liu, Han; Du, Da-ming; Xu, Jiayi.

*Heterat. Chem.* **2007**, 18(7), 740-746.

- 59** Specific recognition of human telomeric G-quadruplex DNA with small molecules and the conformational analysis by ESI mass spectrometry and circular dichroism spectropolarimetry.  
Jiang Zhou, Gu Yuan\*  
*Chem. Eur. J.* **2007**, 13, 5018-5023.
- 60** Formation and stability of G-quadruplexes self-assembled from guanine-rich strands,  
Jiang Zhou, Gu Yuan\*, JJ. Liu  
*Chem. Eur. J.* **2007**, 13, 945-949.
- 61** DNA-mediated charge transport by minor groove-binding polyamide  
Ji ZH, Li JJ, Zhu B, Yuan G, Cai SM  
*Electrochem Commun.* **2007**, 9, 1667-1671.
- 62** 溶液pH 和阳离子对端粒G-四链体DNA形成和结构的影响  
周江, 袁谷\*  
*化学学报* **2007**, 65(16), 1728~1732.
- 63** 电喷雾质谱法研究聚酰胺、酰亚胺衍生物与HIV-1基因DNA的相互作用  
李卉卉, 韩德伟, 袁谷\*  
*化学学报* **2007**, 65(16), 1543~1547.
- 64** 合成对HIV-1 基因启动子TATA 区具有识别功能的寡聚酰胺  
裴云鹏, 袁谷\*  
*中国科技论文在线* **2007**, 10, 12.
- 65** 一个八聚丝氨酸的合成  
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*中国科技论文在线* **2007**, 10, 23.
- 66** What Is Responsible for the Initiating Chemistry of Iron-Mediated Lipid Peroxidation: An Update  
Zhiyong Cheng and Yuanzong Li  
*Chem. Rev.* **2007**, 107, 748-766.
- 67** Catalytic oxidation of styrene by molecularly imprinted polymer with phenylacetic acid as template and hemin as co-monomer  
Jun Wang, Zhiyong Chen, Meiping Zhao, Yuanzong Li  
*Chinese Chemical Letters* **2007**, 18, 981-984.



- 68** Molecularly imprinted soluble nanogels as a peroxidase-like catalyst in the oxidation reaction of homovanillic acid under aqueous conditions  
Zhiyong Chen, Zhendong Hua, Jun Wang, Yuan Guan, Meiping Zhao, Yuanzong Li  
*Applied Catalysis A: General* **2007**, 328, 252–258.
- 69** Multiple Binding modes for dicationic Hoechst 33258 to DNA  
Yuan guan, Ruina Shi, Xiaomin Li, Meiping Zhao, Yuanzong Li  
*J. Phys. Chem. B* **2007**, 111, 7336-7344.
- 70** Enzyme-linked immunosorbent assays for insulin-like growth factor-I using six-histidine tag fused proteins  
Yong Huang, Ruina Shi, Xuefei Zhong, Dan Wang, Meiping Zhao, Yuanzong Li  
*Analytica Chimica Acta* **2007**, 596, 116–123.
- 71** Production and characterization of monoclonal antibody (IgM) against recombinant human erythropoietin  
Jiebo Mi, Jin Yan, Xiaojie Ding, Zhenquan Guo, Meiping Zhao, Wenbao Chang  
*Biomedical and Environmental Sciences* **2007**, 20, 184-188.
- 72** Several concerns about the primer design in the universal molecular beacon real-time PCR assay and its application in HBV DNA detection  
Xiaomin Li, Yong Huang, Chen Song, Meiping Zhao and Yuanzong Li  
*Anal Bioanal Chem.* **2007**, 388, 979-985.
- 73** Imidazole as a catalyst for in vitro refolding of enhanced green fluorescent protein  
Ruina Shi, Qiong Pan, Yuan Guan, Zhendong Hua, Yong Huang, Meiping Zhao, Yuanzong Li  
*Archives of Biochemistry and Biophysics* **2007**, 459, 122–128.
- 74** A novel one cycle allele specific primer extension—Molecular beacon displacement method for DNA point mutation detection with improved specificity  
Xiaomin Li, Yong Huang, Yuan Guan, Meiping Zhao, Yuanzong Li,  
*Analytica Chimica Acta* **2007**, 584, 12–18.
- 75** Tris(2,2'-bipyridyl)ruthenium(II) electrochemiluminescence (ECL) enhanced by rutin on platinum electrode  
Da Xu, Zhong Lan Gao, Na Li\*, Ke'an Li  
*Chinese Chemical Letters* **2007**, 18 (5), 561-564.

- 76** Fluorescence property of tris (2, 2'-bipyridine) ruthenium (II) dichloride immobilized in the gallery of gamma-zirconium phosphates  
Minghui Xiang, Xianbo Shi, Na Li\*, Ke'an Li  
*Chinese Chemical Letters* **2007**, *18*, 89-90.
- 77** Preparation and Characterization of Ionic Liquid Intercalation Compounds into Layered Zirconium Phosphates  
Haiyan Wang, Mingjian Zou, Na Li\*, Ke'an Li  
*Journal of Material Science* **2007**, *42*, 7738-7744.
- 78** Extraction and determination of morphine in compound liquorice using an aqueous two-phase system of poly (ethylene glycol)/K<sub>2</sub>HPO<sub>4</sub> coupled with HPLC  
Shehong Li, Chiyang He, Fei Gao, Daobing Li, Zheng Chen, Huwei Liu, Ke'an Li, Feng Liu\*  
*Talanta* **2007**, *71*, 784-789.
- 79** Applications of molecularly imprinted polymer in solid-phase extraction of analytes from real samples  
Chiyang He, Yuanyuan Long, Junlan Pan, Ke'an Li, Feng Liu\*  
*J. Biochem. Bioph. Meth.* **2007**, *70*, 133-150.
- 80** Extraction and determination of papaverin in pericarpium papaveris using aqueous two-phase system of poly(ethylene glycol)-(NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> coupled with high-performance liquid chromatography  
Qing Cao, Shehong Li, Chiyang He, Ke'an Li, Feng Liu\*  
*Anal. Chim. Acta* **2007**, *590*, 187-194.
- 81** A comparative study of micellar and microemulsion electrokinetic chromatography for the separation of benzoylurea insecticides and their analogues  
Xia Yang, Yan Xia, Chuanjiang Tao, Yiping Liao, Yumin Zuo, Huwei Liu\*  
*Electrophoresis* **2007**, *28*, 1744-1751
- 82** Direct Determination of C<sub>22:0</sub> – C<sub>26:0</sub> Free Long-chain Fatty Acids in Human Serum by Fast Gas Chromatography  
Zhe Meng, Dawei Wen, Dandan Sun, Xun Liao, Huwei Liu\*  
*J. Sep. Sci.* **2007**, *30*, 1537-1543.
- 83** Moutian Wu 3, Carboxymethyl chitosan-coated capillary and its application in capillary electrophoresis  
Xiaofang Fu, Ling Huang, Fei Gao, Wei Li, Nannan Pang, Maolin Zhai, Huwei Liu\*  
*Electrophoresis* **2007**, *28*, 1958-1963.

- 84** Analysis of phospholipids by nonaqueous capillary electrophoresis with on-line electrospray ionization mass spectrometry, 1Beijing National Laboratory for Molecular Sciences  
Fei Gao, Tao Wang, Huwei Liu\*  
*Electrophoresis, special issue CE-MS. 2007*, 28, 1418-1425
- 85** Online Concentration of Aristolochic Acid I and II in Chinese medicine preparation by Micellar Electrokinetic Chromatography  
Shenhua Shi, Wei Li, Yiping Liao, Huwei Liu\*  
*J. Chromatogr A 2007*, 1167, 120-124.

## 2008 年论文目录

序号	论文题目	作者	期刊及年卷期
1	Palladium-Catalyzed Cyclopropanation of Electron Deficient Olefins with Aryldiazocarbonyl Compounds	Shufeng Chen, Jian Ma and Jianbo Wang	<i>Tetrahedron Letters</i> <b>2008</b> , 49, 6781–6783.
2	Sequential Copper(I)-Catalyzed Reaction of Amines with o-Acetylenyl Substituted Phenyl diazoacetates	Cheng Peng, Jiajia Cheng, and Jianbo Wang	<i>Advanced Synthesis &amp; Catalysis</i> , <b>2008</b> , 350, 2359-2364.
3	Palladium-Catalyzed Reaction of Allyl Halides with alpha-Diazocarbonyl Compounds	Shufeng Chen, Jianbo Wang	<i>Chem. Commun.</i> <b>2008</b> , 4198-4200.
4	Recent studies on the reactions of alpha-diazocarbonyl compounds	Zhenhua Zhang, Jianbo Wang	<i>Tetrahedron</i> , <b>2008</b> , 64, 6577-6605.
5	Highly Diastereoselective Addition of the Lithium Enolate of Alpha-Diazoacetate to N-Sulfinyl Imines: Enantioselective Synthesis of 2-Oxo and 3-Oxo Pyrrolidines	Changqing Dong, Fanyang Mo, and Jianbo Wang	<i>J. Org. Chem.</i> <b>2008</b> , 73, 1971-1974.
6	Rh(II)-Catalyzed Sommelet-Hauser Rearrangement	Mingyi Liao, Lingling Peng, and Jianbo Wang	<i>Org. Lett.</i> <b>2008</b> , 10, 693-696.
7	Palladium-Catalyzed Cross-Coupling of Alpha-Diazocarbonyl Compounds with Arylboronic Acids	Cheng Peng, Yan Wang, and Jianbo Wang	<i>J. Am. Chem. Soc.</i> <b>2008</b> , 130, 1566-1567.
8	Sequential catalytic process: synthesis of quinoline derivatives by AuCl <sub>3</sub> /CuBr-catalyzed three-component reaction of aldehydes, amines, and alkynes	Fengping Xiao, Yulin Chen, Yu Liu, Jianbo Wang	<i>Tetrahedron</i> , <b>2008</b> , 64, 2755-2761.
9	Catalytic Addition of Alkyne C–H, Amine N–H, and Phosphine P–H Bonds to Carbodiimides: An Efficient Route to Propiolamidines, Guanidines, and Phosphaguanidines	Wen-Xiong Zhang and Zhaomin Hou*	<i>Org. Biomol. Chem.</i> <b>2008</b> , 6, 1720–1730.
10	Synthetic Methods for Multiply Substituted Butadiene-containing Building Blocks	Zhenfeng Xi*, and Wen-Xiong Zhang*.	<i>Synlett</i> <b>2008</b> , 2557–2570.
11	Selective Synthesis of Multiply Substituted 7-Norbornenone Derivatives or Diels-Alder Cycloadducts from 1,2,3,4-Tetra-substituted 1,3-Butadienes	Dongzhen Li, An Shi, Wen-Xiong Zhang, Guangzhen Liu, and Zhenfeng Xi*.	<i>Tetrahedron</i> <b>2008</b> , 64, 9895–9900.

	and Maleic Anhydride with or without Lewis Acids		
12	Pyranilydene Carbene Complexes from 1-Lithio-1,3-Dienes and $M(\text{CO})_6$ ( $M = \text{Cr, Mo, W}$ ): Novel Synthesis and De-metallation Reaction	Qifeng Wang, Wen-Xiong Zhang, and Zhenfeng Xi*.	<i>Organometallics</i> <b>2008</b> , 27, 3627–3629.
13	Diversified Reaction Chemistry of 1,4-Dilithio-1,3-dienes with Nitriles: Facile Access to Tricyclic $\Delta^1$ -Bipyrrolines, Multi-Substituted Pyridines, Siloles and (Z, Z)-Dienylsilanes by Tuning of Substituents on the Butadienyl Skeleton	Nan Yu, Congyang Wang, Fei Zhao, Lantao Liu, Wen-Xiong Zhang, and Zhenfeng Xi*.	<i>Chem. Eur. J.</i> <b>2008</b> , 14, 5670–5679.
14	CuCl-Mediated tandem CO insertion and annulation of 1,4-dilithio-1,3-dienes: formation of multiply substituted cyclopentadienones and/or their head-to-head dimers	Qian Luo, Chao Wang, Wen-Xiong Zhang, and Zhenfeng Xi*.	<i>Chem. Commun.</i> <b>2008</b> , 1593–1595.
15	Novel [Ruthenium(substituted-tetramethylcyclopentadiene) (2-quinolinecarboxylato)(allyl)] Hexafluorophosphate Complexes as Efficient Catalysts for Highly Regioselective Nucleophilic Substitution of Aliphatic Allylic Substrates	Hui-Jun Zhang, Bernard Demerseman, Loïc Toupet, Zhenfeng Xi,* and Christian Bruneau*	<i>Adv. Synth. Catal.</i> <b>2008</b> , 350, 1601–1609.
16	Synthesis of stereo-defined 1,1,4,4-tetrahalo- and 1,1,4,4-mixed-tetrahalo-1,3-butadienes	Hui-Jun Zhang, Zhiyi Song, Chao Wang, Christian Bruneau,* , Zhenfeng Xi*	<i>Tetrahedron Lett.</i> <b>2008</b> , 49, 624–627.
17	Ruthenium Complexes Bearing Bulky Pentasubstituted Cyclopentadienyl Ligands and Evaluation of $[\text{Ru}(\eta^5\text{-C}_5\text{Me}_4\text{R})(\text{MeCN})_3][\text{PF}_6]$ Precatalysts in Nucleophilic Allylic Substitution Reactions	Hui-Jun Zhang, Bernard Demerseman, Zhenfeng Xi,* and Christian Bruneau*	<i>Eur. J. Inorg. Chem.</i> <b>2008</b> , 3212–3217
18	稳定烯醇及其合成方法学	胡乔舒 席振峰*	<i>有机化学</i> , <b>2008</b> , 28, 1864–1874.
19	Controlled regio- and chemoselective addition of isothiocyanate to the dione moiety of a cage-opened fullerene-mixed peroxide derivative	Xiaobing Yang, Liangbing Gan,* Zheming Wang*	<i>Chem. Commun.</i> <b>2008</b> , 1980-1982.
20	Towards the rational synthesis of	Jiayao Yao, Zuo Xiao,	<i>Org. Lett.</i> <b>2008</b> , 10,

	norfullerenes. Controlled deletion of one carbon atom from C-60 and preparation of 2,5,9-trioxo-1-nor(C60-Ih)[5,6]fullerene C59(O)3 derivatives.	Liangbing Gan,* Dazhi Yang, Zheming Wang*	2003-2006.
21	Reactivity of fullerene epoxide: Preparation of fullerene-fused thirane, tetrahydrothiazolidin-2-one, and 1,3-dioxolane	Xiaobing Yang, Shaohua Huang, Zhenshan Jia, Zuo Xiao, Zhongping Jiang, Qianyan Zhang, Liangbing Gan, * Bo Zheng, Gu Yuan, Shiwei Zhang*	<i>J. Org. Chem.</i> <b>2008</b> , <i>73</i> , 2518-2526.
22	Preparation of fullerenol, fullerenone and aminofullerene derivatives through selective cleavage of fullerene C-H, C-C, C-N and C-O bonds in fullerene-mixed peroxide derivatives	Zhongping Jiang, Yan Zhang, Liangbing Gan,* Zheming Wang*	<i>Tetrahedron</i> <b>2008</b> , <i>64</i> , 11394-11403
23	Preparation of Azafullerene Derivatives from Fullerene-mixed Peroxides and Single Crystal X-Ray Structures of Azafulleroid and Azafullerene	Gaihong Zhang, Shaohua Huang, Zuo Xiao, Quan Chen, Liangbing Gan,* Zheming Wang*	<i>J. Am. Chem. Soc.</i> <b>2008</b> , <i>130</i> , 12614-12615.
24	Stereoselective Construction of an Unprecedented 7-8 fused ring system in icrandilactone A by [3,3]-sigmatropic rearrangement	Yandong Zhang; Weiwu Ren; Yu Lan; Qing Xiao; Kai Wang; Jie Xu; Jiahua Chen*; Zhen Yang*	<i>Org. Lett.</i> <b>2008</b> , <i>10</i> , 665-668.
25	A Concise and Diversity-Oriented Approach to the Synthesis of SAG Derivatives	Nengdong Wang, Jing Xiang, Zhibo Ma, Junmin Quan, Jiahua Chen, and Zhen Yang*	<i>J. Comb. Chem.</i> <b>2008</b> , <i>10</i> , 825-834.
26	Synthesis of Catechins via Thiourea/AuCl <sub>3</sub> -Catalyzed Cycloalkylation of Aryl Epoxides	Yangxiang Liu; Xiben Li; Guang Lin; Zheng Xiang,; Jing Xiang,; Mingzhe Zhao; Jiahua Chen*; Zhen Yang*	<i>J. Org. Chem.</i> <b>2008</b> , <i>73</i> , 4625-4629.
27	Total Synthesis of Crisamicin A	Zhengtao Li, Yingxiang Gao, Yefeng Tang, Mingji Dai, Guoxin Wang, Zhigang Wang* and	<i>Org. Lett.</i> <b>2008</b> , <i>10</i> , 3017-3020.

		Zhen Yang*	
28	Diversity-Oriented Synthesis of Fused Pyran-Lactones via an Efficient Thiourea-Catalyzed Alkoxy-carbonylative Annulation	Zhengtao Li, Yingxiang Gao, Zhaodong Jiao, Na Wu, David Zhigang Wang*, and Zhen Yang*	<i>Org. Lett.</i> , <b>2008</b> , <i>10</i> , 5163-5166.
29	Origins of Differences in Reactivities of Alkenes, Alkynes, and Allenes in [Rh(CO) <sub>2</sub> Cl] <sub>2</sub> -Catalyzed (5 + 2) Cycloaddition Reactions with Vinylcyclopropanes	Zhi-Xiang Yu,* Paul Ha-Yeon Cheong, Peng Liu, Claude Y. Legault, Paul A. Wender,* and K. N. Houk,*	<i>J. Am. Chem. Soc.</i> <b>2008</b> , <i>130</i> , 2378.
30	Tandem Rh(I)-Catalyzed [5+2+1] Cycloaddition/Aldol Reaction for the Construction of Linear Triquinane Skeleton: Total Synthesis of (±)-Hirsutene and (±)-1-Desoxyhypnophilin	Lei Jiao, Changxia Yuan, Zhi-Xiang Yu,*	<i>J. Am. Chem. Soc.</i> <b>2008</b> , <i>130</i> , 4421.
31	Mechanism, Regioselectivity, and Kinetics of Phosphine-Catalyzed (3+2) Cycloaddition of Allenates and Electron-Deficient Alkenes	Yong Liang, Song Liu, Yuanzhi Xia, Yahong Li, and Zhi-Xiang Yu*	<i>Eur. J. Chem.</i> , <b>2008</b> , <i>14</i> , 4361.
32	Rh(I)-Catalyzed Intramolecular [3+2] Cycloaddition of trans-Vinylcyclopropane-enes	Lei Jiao, Siyu Ye, and Zhi-Xiang Yu,*	<i>J. Am. Chem. Soc.</i> <b>2008</b> , <i>130</i> , 7178.
33	Mechanisms of Brønsted Acid Catalyzed Additions of Phenols and Protected Amines to Olefins: a DFT Study	Xin Li, Siyu Ye, Chuan He, Zhi-Xiang Yu*,	<i>Eur. J. Org. Chem.</i> <b>2008</b> , 4296.
34	Direct Arylation of Aryl/Alkenyl Pivalates with Organozinc Reagents via Nickel-Catalyzed C-O Activation under Mild Conditions.	Bi-Jie Li, Yi-Zhou Li, Xing-Yu Lu, Jia Liu, Bing-Tao Guan, and Zhang-Jie Shi.*	<i>Angew. Chem. Int. Ed.</i> <b>2008</b> , <i>47</i> , 10124-10127.
35	Intra/Intermolecular Direct Allylic Alkylation via Pd(II)-Catalyzed sp <sup>3</sup> C-H Activation.	Song Lin, Chun-Xiao Song, Gui-Xin Cai, Wen-Hua Wang, and Zhang-Jie Shi*	<i>J. Am. Chem. Soc.</i> <b>2008</b> , <i>130</i> , 12901-12903.
36	Foster collaboration.	Zhang-Jie Shi*.	<i>Nature</i> , <b>2008</b> , 454, 399-403.
37	A small molecule enhances RNA interference and promotes microRNA processing.	Ge Shan, Yujing Li, Junliang Zhang, Wendi Li, Keith Szulwach, Ranhui	<i>Nature Biotechnology</i> , <b>2008</b> , <i>26</i> , 933-940.

		Duan, Mohammad A Faghihi, Ahmad M Khalil, Lianghua Lu, Zain Paroo, Anthony Chan, Zhangjie Shi*, Qinghua Liu, Claes Wahlestedt, Chuan He, Peng Jin	
38	Direct Benzylic Alkylation via Ni-Catalyzed Selective sp <sup>3</sup> C-O Activation.	Bing-Tao Guan, Shi-Kai Xiang, Bi-Qin Wang, Zuo-Peng Sun, Yang Wang, Ke-Qing Zhao, and Zhang-Jie Shi*	<i>J. Am. Chem. Soc.</i> <b>2008</b> , 130, 3268-3269.
39	Methylation of arenes <i>via</i> Ni-catalyzed aryl C–O/F activation	Bing-Tao Guan, Shi-Kai Xiang, Tao Wu, Zuo-Peng Sun, Bi-Qin Wang, Ke-Qing Zhao and Zhang-Jie Shi*	<i>Chem. Comm.</i> <b>2008</b> , 1437-1439.
40	Recent Advances on Direct Arylation via Palladium Catalyzed Aryl C-H Activation.	Bi-Jie Li, Shang-Dong Yang, Zhang-Jie Shi*	<i>Synlett.</i> <b>2008</b> , 949-957.
41	Palladium Catalyzed Direct Arylation of (Hetero)Arenes with Aryl Boronic Acids.	Shang-Dong Yang, Chang-Liang Sun, Zhao Fang, Bi-Jie Li, Yi-Zhou, Li, and Zhang-Jie Shi*	<i>Angew. Chem. Int. Ed.</i> <b>2008</b> , 47, 1473-1476.
42	Multiple C-H Activations To Construct Biologically Active Molecules in a Process Completely Free of Organohalogen and Organometallic Components.	Bi-Jie Li, Shi-Liang Tian, Zhao Fang, Zhang-Jie Shi*	<i>Angew. Chem. Int. Ed.</i> <b>2008</b> , 47, 1115-1119.
43	Highly Sensitive, Air-Stable Photodetectors Based on Single Organic Sub-micrometer Ribbons Self-Assembled through Solution Processing	Yan Zhou, Lei Wang, Jian Wang, Jian Pei*, Yong Cao	<i>Adv. Mater.</i> <b>2008</b> , 20, 3745.
44	Isomeric Effect on Microscale Self-Assembly: Interplay Between Molecular Property and Solvent Polarity in the Formation of 1 D <i>n</i> -Type Microbelts	Jie-Yu Wang, Jing Yan, Zhendong Li, Ji-Min Han, Yuguo Ma, Jiang Bian, and Jian Pei*	<i>Chem. Eur. J.</i> <b>2008</b> , 14, 7760-7764.
45	Gradient Shape-Persistent $\pi$ -Conjugated	Jin-Liang Wang, Jing	<i>J. Am. Chem. Soc.</i> <b>2008</b> ,



	Dendrimers for Light-Harvesting: Synthesis, Photophysical Properties, and Energy Funneling	Yan, Zheng-Ming Tang, Qi Xiao, Yuguo Ma, and Jian Pei*	130, 9952-9962.
46	Energy transfer in new D-pi-A conjugated dendrimers: Their synthesis and photophysical properties	Jin-Liang Wang, Zheng-Ming Tang, Qi Xiao, Yuguo Ma, Jian Pei*	<i>Org. Lett.</i> <b>2008</b> , 10, 4271-4274.
47	Unsaturated Strained Cyclophanes based on Dibenz[a,j]anthracene by an Intramolecular McMurry Olefination	Hai-Bo Chen, Jie Yin, Yi Wang, and Jian Pei*,	<i>Org. Lett.</i> <b>2008</b> , 10, 3113-3116.
48	Organic Semiconducting Materials from Sulfur-hetero benzo[k]fluoranthene Derivatives: Synthesis, Photophysical Properties, and Thin Film Transistor Fabrication	Qifan Yan, Yan Zhou, Ben-Bo Ni, Yuguo Ma, Jian Wang, Jian Pei*, and Yong Cao	<i>J. Org. Chem.</i> <b>2008</b> , 73, 5328-5339.
49	Shape-persistent Elliptic Macrocycles Composed of Polycyclic Aromatic Hydrocarbons: Synthesis and Photophysical Properties	Wen-Jun Liu, Yan Zhou, Qi-Feng Zhou, Yuguo Ma, and Jian Pei*	<i>Org. Lett.</i> <b>2008</b> , 10, 2123-2126.
50	Three-dimensional Shape-persistent Fluorescent Nanocages: Facile Dynamic Synthesis, Photophysical Properties, and Surface Morphologies	Jia Luo, Ting Lei, Xiaoguang Xu, Fang-Mei Li, Yuguo Ma, Kai Wu, and Jian Pei*	<i>Chem. Eur. J.</i> <b>2008</b> , 14, 3860 – 3865.
51	Enhancing the Performance of Polymer Light-emitting Diodes by Integrating Self-assembled Organic Nanowires	Qiaoli Niu, Yan Zhou, Lei Wang, Junbiao Peng, Jian Wang, Jian Pei*, and Yong Cao	<i>Adv. Mater.</i> <b>2008</b> , 20, 964-969.
52	Molecular Wires Based on Thienylethynylene: Synthesis, Photophysical Properties, and Excited State Lifetime	Jin-Liang Wang, Zheng-Ming Tang, Qi Xiao, Qi-Feng Zhou, Yuguo Ma, and Jian Pei*	<i>Org. Lett.</i> <b>2008</b> , 10, 17-20.
53	Nanoparticles: is it promising in capillary electrophoresis?	Zhengxiang Zhang, Bo Yan, Yiping Liao, Huwei Liu*	<i>Anal. Bioanal. Chem.</i> , <b>2008</b> , 391 (3): 925-927
54	Separation and fragmentation study of heroin and its basic impurities by reversed-phase liquid chromatography coupled to tandem mass spectrometry	Zhengxiang Zhang, Bo Yan, Kelin Liu, Yiping Liao, and Huwei Liu*	<i>Rapid Commun. Mass Spectrom.</i> , <b>2008</b> , 22(18): 2851-2862
55	Synergistic Design of Electric Field and Membrane in Facilitating Continuous Adsorption for Cleanup and Enrichment of Proteins in Direct	Yu Zhou, Hailin Shen, Tie Yi, Dawei Wen, Nannan Pang, Jie Liao, and Huwei	<i>Anal. Chem.</i> , <b>2008</b> , 80 (23): 8920-8929

	ESI-MS Analysis	Liu*	
56	Molecularly imprinted silica prepared with immiscible ionic liquid as solvent and porogen for selective recognition of testosterone	Chiyang He, Yuanyuan Long, Junlan Pan, Kean Li, Feng Liu*	<i>Talanta</i> , <b>2008</b> , 74, 1126-1131.
57	Molecularly imprinted polymer using $\beta$ -cyclodextrin as functional monomer for the efficient recognition of bilirubin	Yu Yang, Yuanyuan Long, Qing Cao, Kean Li, Feng Liu*	<i>Anal. Chim. Acta</i> , <b>2008</b> , 606, 92-97.
58	Resurveying the Tris buffer solution: the specific interaction between Tris (hydroxymethyl) aminomethane and lysozyme	Li Quan, Dengguo Wei, Xiaolu Jiang, Yang Liu, Zhiyu Li, Na Li, Kean Li, Feng Liu*, Luhua Lai*	<i>Anal. Biochem.</i> , <b>2008</b> , 378, 144-150.
59	A method to coat colloidal particles with molecularly imprinted silica film	Chiyang He, Yuanyuan Long, Junlan Pan, Kean Li, Feng Liu*	<i>J. Mater. Chem.</i> , <b>2008</b> , 18, 2849-2854.
60	J-Aggregates of diprotonated tetrakis (4-sulfonatophenyl) porphyrin induced by ionic liquid 1-butyl-3-methylimidazolium tetrafluoroborate	Jianjun Wu, Na Li, Kean Li, Feng Liu*	<i>J. Phys. Chem. B</i> , <b>2008</b> , 112, 8134-8138.
61	Partition of horseradish peroxidase with maintained activity in aqueous biphasic system based on ionic liquid	Qing Cao, Li Quan, Chiyang He, Na Li, Kean Li and Feng Liu*	<i>Talanta</i> , <b>2008</b> , 77, 160-165.
62	Enhanced Anodic Ru(bpy) <sub>3</sub> <sup>2+</sup> Electrogenerated Chemiluminescence by Polyphenols	Rong Lei, Xiao Xu, Da Xu, Gang Zhu, Na Li*, Huwei Liu*, and Ke'an Li	<i>Anal. Chim. Acta</i> , <b>2008</b> , 625, 13-21.
63	Selective Enhancement of Resonance Light-scattering of Gold Nanoparticles by Glycogen	Minghui Xiang, Xiao Xu, Dongxu Li, Feng Liu, Na Li*, and Kean Li*	<i>Talanta</i> , <b>2008</b> , 76, 1207-1211.
64	A method to determine quercetin by enhanced luminol electrogenerated chemiluminescence (ECL) and quercetin autoxidation	Rong Lei, Xiao Xu, Fei Yu, Na Li*, Hu Wei Liu, Ke'an Li	<i>Talanta</i> , <b>2008</b> , 75, 1068-1074.
65	Free Radical Scavenging Capacity Using Fenton Reaction with Rhodamine B as Spectrophotometric Indicator	Fei Yu, Da Xu, Rong Lei, Na Li*, Ke'an Li	<i>Journal of Agriculture and Food Chemistry</i> , <b>2008</b> , 56, 730-735.
66	Investigation of formation, recognition, stabilization, and conversion of dimeric	Li HH, Yuan G*, Du DM	<i>J. Am. Soc. Mass Spectro.</i> <b>2008</b> , 19,

	G-quadruplexes of HIV-1 integrase inhibitors by Electrospray ionization mass Spectrometry		550-559,
67	Investigation of formation of dimeric G-quadruplex of HIV-1 integrase inhibitor by nuclear magnetic resonance	Hui Hui Li, Gu Yuan*,	<i>Chinese Chemical Letters</i> <b>2008</b> , <i>19</i> , 1108–1110.
68	<b>G-四链体DNA</b> 的质谱学研究: 形成、性质、转变和识别	袁谷*, 李卉卉, 周江, 林森,	<i>质谱学报</i> , <b>2008</b> , <i>29</i> , 106-107.
69	Simultaneous Determination of Nandrolone, and Methyltestosterone by Testosterone, Multi-immunoaffinity Column and Capillary Electrophoresis	Xiao-Hua Qi, Li-Wei Zhang, Xin-Xiang Zhang,*	<i>Electrophoresis</i> <b>2008</b> , <i>29</i> , 3398-3405.
70	Antibody Development to Testosterone and its Application in Capillary Electrophoresis-Based Immunoassay	Hong-Xu Chen and Xin-Xiang Zhang,*	<i>Electrophoresis</i> <b>2008</b> , <i>29</i> , 3406-3413.
71	Capillary Electrophoresis Immunoassay Using Magnetic Beads	Hong-Xu Chen, Jean-Marc Busnel, Anne-Laure Gassner, Gabriel Peltre, Xin-Xiang Zhang,* Hubert H. Girault*	<i>Electrophoresis</i> <b>2008</b> , <i>29</i> , 3414-3421.
72	Magnetic Beads Based Immunoaffinity Capillary Electrophoresis of Total IgE with Laser-Induced Fluorescence Detection,	Hong-Xu Chen, Jean-Marc Busnel, Gabriel Peltre, Xin-Xiang Zhang,* Hubert H. Girault,*	<i>Analytical. Chemistry</i> <b>2008</b> , 9583-9588.
73	亲和毛细管电泳法和荧光法研究氟喹诺酮类药物与牛血清白蛋白的相互作用	张黎伟, 张新祥*	<i>高等学校化学学报</i> <b>2008</b> , <i>29</i> , 694-699.
74	Continuous monitoring of restriction endonuclease cleavage activity by universal molecular beacon light quenching coupled with real-time polymerase chain reaction	Xiaomin Li, Chen Song, Meiping Zhao*, Yuanzong Li,	<i>Analytical Biochemistry</i> , <b>2008</b> , <i>381</i> , 1-7.
75	Thermosensitive and Salt-Sensitive Molecularly Imprinted Hydrogel for Bovine Serum Albumin	ZhenDong Hua, ZhiYong Chen, YuanZong Li, and MeiPing Zhao*,	<i>Langmuir</i> , <b>2008</b> , <i>24</i> , 5773–5780.
76	Protein-responsive imprinted polymers with specific shrinking and rebinding,	Zhiyong Chen; Zhendong Hua; Li Xu; Yong Huang; Meiping Zhao*;	<i>Journal of Molecular Recognition</i> , <b>2008</b> , <i>21</i> , 71-77.

		Yuanzong Li*	
77	Polyethylene glycol diacrylate-based supermacroporous monolithic cryogel as high-performance liquid chromatography stationary phase for protein and polymeric nanoparticle separation	Zhiyong Chen, Li Xu, Yuan Liang, Jianbin Wang, Meiping Zhao*, Yuanzong Li*	<i>Journal of Chromatography A</i> , <b>2008</b> , 1182, 128–131.