

2009 年论文目录

序号	论文题目	作者	期刊与年卷期
1	Switched role of fullerene in the Diels-Alder reaction: facile addition of dienophiles to the conjugated fullerene diene moiety	Jiayao Yao, Zuo Xiao, Jianxin Zhang, Xiaobing Yang, Liangbing Gan*, Wenxiong Zhang*	<i>Chem. Commun.</i> 2009 , 4, 401-403.
2	Synthesis of Fullerene Oxides Containing Both 6,6-Closed Epoxide and 5,6-Open Ether Moieties through Thermolysis of Fullerene Peroxides	Jiayao Yao, Dazhi Yang, Zuo Xiao, Liangbing Gan, * Zheming Wang*	<i>J. Org. Chem.</i> 2009 , 74, 3528-3531.
3	Efficient Cage-Opening Cascade Process for the Preparation of Water-Encapsulated [60]Fullerene Derivatives	Qianyan Zhang, Zhenshan Jia, Shuming Liu, Gang Zhang, Zuo Xiao, Dazhi Yang, Liangbing Gan, * Zheming Wang, * Yuliang Li	<i>Org. Lett.</i> 2009 , 11, 2772-2774.
4	Direct functionalization of benzylic C-Hs with vinyl acetates via Fe-catalysis	Chunxiao Song, Guixin Cai, Thomas R. Farrell, Zhongping Jiang, Hu Li, Liangbing Gan*, Zhangjie Shi*	<i>Chem. Commun.</i> 2009 , 40, 6002-6004.
5	One-Dimensional Microwires Formed by the Co-Assembly of Complementary Aromatic Donors and Acceptors	Jie-Yu Wang, Jing Yan, Lin Ding, Yuguo Ma, Jian Pei*	<i>Adv. Funct. Mater.</i> 2009 , 19, 1746-1752.
6	pi-Conjugated Dendrimers as Stable Pure-Blue Emissive Materials: Photophysical, Electrochemical, and Electroluminescent Properties	Yang Jiang, Lei Wang, Yan Zhou, Yu-Xin Cui, Jian Wang, * Yong Cao, Jian Pei*	<i>Chem.- Asia.</i> J.2009 , 4, 548-553.
7	A Mechanically Interlocked [3]Rotaxane as Light-Harvesting Antenna: Synthesis, Characterization, and Intramolecular Energy Transfer	Jie-Yu Wang, Ji-Min Han, Jing Yan, Yuguo Ma,* Jian Pei*	<i>Chem. - Eur. J.</i> , 2009 , 15, 3585-3594.
8	New Fused Heteroarenes for High-Performance Field-Effect	Jie-Yu Wang, Yan Zhou, Jing Yan, Lin	<i>Chem. Mater.</i> 2009 , 21, 2595-2597.

	Transistors	Ding, Yuguo Ma,* Yong Cao, Jian Wang,* Jian Pei*	
9	Highly Fluorescent Rigid Supramolecular Polymeric Nanowires Constructed Through Multiple Hydrogen Bonds	Jia Luo, Ting Lei, Lei Wang, Yuguo Ma,* Yong Cao, Jian Wang,* Jian Pei*	<i>J. Am. Chem. Soc.</i> 2009 , 131, 2076-2077.
10	Solution-Processable Gradient Red-Emitting pi-Conjugated Dendrimers Based on Benzothiadiazole as Core: Synthesis, Characterization, and Device Performances	Jin-Liang Wang, Yi Zhou, Yong-Fang Li,* Jian Pei*	<i>J. Org. Chem.</i> 2009 , 74, 7449-7456.
11	Self-Assembly of Benzodithiophene Derivatives on Graphite: Effects of SubstitutionAlkoxy Chain Number and Location	Xiaoguang Xu, Jie Yin, Heng Li, Yan Zhou, Jianlong Li, Jian Pei,* Kai Wu*	<i>J. Phys. Chem. C.</i> 2009 , 113, 8844-8852.
12	Single Organic Microtwist with Tunable Pitch	Haibo Chen, Yan Zhou, Jie Yin, Jing Yan, Yuguo Ma,* Lei Wang, Yong Cao, Jian Wang,* Jian Pei*	<i>Langmuir</i> 2009 , 25, 5459-5462.
13	Electrospun Nanofibrous Film Doped with a Conjugated Polymer for DNT Fluorescence Sensor	Yuanyuan Long, Haibo Chen, Yu Yang, Huaming Wang, Yufei Yang, Na Li, Kean Li, Jian Pei,* Feng Liu*	<i>Macromolecules</i> 2009 , 42, 6501-6509.
14	Star-Shaped D-pi-A Conjugated Molecules: Synthesis and Broad Absorption Bands	Jin-Liang Wang, Zheng-Ming Tang, Qi Xiao, Yuguo Ma,* Jian Pei*	<i>Org. Lett.</i> 2009 , 11, 863-866.
15	Amine Groups-Functionalized Alcohol-Soluble Polyfluorene Derivatives: Synthesis, Photophysical Properties, and Self-Assembly Behaviors	Zeng-Shan Guo, Jian Pei,* Zhang-Lin* Zhou, Lihua Zhao, Gary Gibson, Sity Lam, James Brug	<i>Polymer</i> 2009 , 50, 4794-4780.
16	Star-Shaped Oligo(fluorene ethynylene)-Functionalized Truxene Derivatives: Synthesis, Characterization, and Their Size Effects	Si-Chun Yuan, Qingjiang Sun, Ting Lei, Bin Du, Yong-Fang Li,* Jian Pei*	<i>Tetrahedron</i> 2009 , 65, 4165-4172.
17	Organic Supernanostructures	Lei Wang, Yan Zhou,	<i>Langmuir</i> 2009 , 25,

	Self-Assembled via Solution Process for Explosive Detection	Jing Yan, Jian Wang,* Jian Pei,* Yong Cao	1306-1310.
18	In Situ Growing and Patterning of Aligned Organic Nanowire Arrays via Dip Coating	Nanliu Liu, Yan Zhou, Lei Wang, Junbiao Peng, Jian Wang,* Jian Pei, Yong Cao	<i>Langmuir</i> 2009 , 25, 665-671.
19	Pd-Catalyzed C=C Double Bond Formation by Coupling of N-Tosylhydrazones with Benzyl Halides	Qing Xiao, Jian Ma, Yang Yang, Yan Zhang and Jianbo Wang	<i>Org. Lett.</i> 2009 , 11, 4732-4735.
20	AuPPh ₃ Cl/AgOTf-Catalyzed Reaction of Terminal Alkynes: Nucleophilic Addition to Activated C=O Bond	Changkun Li, Fanyang Mo, Weibin Li and Jianbo Wang	<i>Tetrahedron Lett.</i> 2009 , 6053-6056.
21	Synthesis of Furan from Allenic Sulfide Derivatives	Lingling Peng, Xiu Zhang, Jie Ma, Zhenzhen Zhong, Zhe Zhang, Sufang Cheng, Yan Zhang and Jianbo Wang	<i>Sci China Ser B-Chem.</i> 2009 , 52, 1622-1630.
22	Recent Development of Reactions with alpha-Diazocarbonyl Compounds as Nucleophiles	Yan Zhang and Jianbo Wang	<i>Chem. Commun.</i> 2009 , 5350-5361.
23	Recent Progress in Pd-Catalyzed Reactions of Diazo Compounds	Guobing Yan, Chunxiang Kuang, Cheng Peng and Jianbo Wang	<i>Chin. J. Org. Chem.</i> 2009 , 29, 813–821.
24	Au(PPh ₃)Cl–AgSbF ₆ -catalyzed rearrangement of propargylic 1,3-dithianes: formation of 8-membered 1,3-bisthio-substituted cyclic allenes	Xia Zhao, Zhenzhen Zhong, Lingling Peng, Wenxiong Zhang and Jianbo Wang	<i>Chem. Commun.</i> 2009 , 2535–2537.
25	Au-catalyzed isomerization of cyclopropenes: a novel approach to indene derivatives	Changkun Li, Yi Zeng and Jianbo Wang	<i>Tetrahedron Lett.</i> 2009 , 50, 2956–2959.
26	Gold(I)-catalyzed arylmethylation of terminal alkynes	Changkun Li, Weibin Li and Jianbo Wang	<i>Tetrahedron Lett.</i> 2009 , 50, 2533–2535.
27	Arylation and Vinylation of alpha-Diazocarbonyl Compounds with Boroxines	Cheng Peng, Wei Zhang, Guobing Yan and Jianbo Wang	<i>Org. Lett.</i> 2009 , 11, 1667-1670.
28	Formal Total Synthesis of N-Methylmaysenine	Lin Wang, Jianxian Gong, Lujiang Deng,	<i>Org. Lett.</i> 2009 , 11, 1809-1812.

		Zheng Xiang, Zhixing Chen, Yuefan Wang, Jiahua Chen and Zhen Yang*	
29	Direct functionalization of benzylic C–Hs with vinyl acetates via Fe-catalysis.	Chun-Xiao Song, Gui-Xin Cai, Thomas R. Farrell, Zhong-Ping Jiang, Hu Li, Liang-Bing Gan* and Zhang-Jie Shi*	<i>Chem. Comm.</i> 2009 , 6002-6004.
30	Cross-Coupling of Alkenyl/Aryl Carboxylates with Grignard Reagent via Fe-Catalyzed C–O Bond Activation.	Bi-Jie Li, Li Xu, Zhen-Hua Wu, Bing-Tao Guan, Chang-Liang Sun, Bi-Qin Wang, and Zhang-Jie Shi*	<i>J. Am. Chem. Soc.</i> 2009 , 131, 14656-14657.
31	Carbon–Carbon Formation via Ni-Catalyzed Suzuki-Miyaura Coupling through C–CN Bond Cleavage of Aryl Nitrile.	Dang-Gang Yu, Miao Yu, Bing-Tao Guan, Bi-Jie Li, Yang Zheng, Zhen-Hua Wu and Zhang-Jie Shi*	<i>Org. Lett.</i> 2009 , 11, 3374-3377.
32	Direct Imidation to Construct 1H-Benzo[d]imidazole through Pd(II)-Catalyzed C–H Activation Promoted by Thiourea.	Qing Xiao, Wen-Hua Wang, Gang Liu, Fan-Ke Meng, Jia-Hua Chen, Zhen Yang*, and Zhang-Jie Shi*	<i>Chem. Eur. J.</i> 2009 , 15, 7292-7296.
33	Cross Dehydrogenative Arylation (CDA) of a Benzylic C–H Bond with Arenes by Iron Catalysis.	Yi-Zhou Li, Bi-Jie Li, Xin-Yu Lu, Song Lin, and Zhang-Jie Shi.	<i>Angew. Chem. Int. Ed.</i> 2009 , 48, 3817-3820.
34	One-pot Multi-Component Synthesis of Azaindoles and Pyrroles from One Molecule of Si-Tethered Diyne and Three or Two Molecules of Organonitriles Mediated by Zirconocene	Shaoguang Zhang, Xiaohua Sun, Wen-Xiong Zhang, Zhenfeng Xi*	<i>Chem. Eur. J.</i> 2009 , 15, 12608 – 12617.
35	Efficient One-Pot Synthesis of 2,3-Dihydropyrimidinthiones via Multicomponent Coupling of Terminal Alkynes, Elemental Sulfur and Carbodiimides	Zitao Wang, Yang Wang, Wen-Xiong Zhang,* Zhaomin Hou, Zhenfeng Xi*	<i>J. Am. Chem. Soc.</i> 2009 , 131, 15108-15109.
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37	Zirconium- and Silicon-Containing Intermediates with Three Fused Rings in a Zirconocene-Mediated Intermolecular Coupling Reaction	Wen-Xiong Zhang, Shaoguang Zhang, Xiaohua Sun, Masayoshi Nishiura, Zhaomin Hou,* Zhenfeng Xi*	<i>Angew. Chem. Int. Ed.</i> 2009 , 48, 7227-7231.
38	Hydride-Induced Cleavage of C-O Bond in Pyran Ring of 2-Pyranylidene Carbene Complexes: Mechanism and Synthetic Application	Qifeng Wang, Lantao Liu, Chen Lin, Hui Sun, Wenxiong Zhang, Zhenfeng Xi *	<i>Dalton Trans.</i> 2009 , 10433-10435.
39	Ruthenium Catalysts for Structurally Controlled Mono- and Bis-Allylation of Active Methylene Compounds with Aliphatic Allylic Substrates	Hui-Jun Zhang, Bernard Demerseman, Zhenfeng Xi,* Christian Bruneau*	<i>Adv. Synth. Catal.</i> 2009 , 351, 2724-2728.
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41	Synthesis of functionalized siloles from Si-tethered diynes	Qian Luo, Li Gu, Chao Wang, Junhui Liu, Wenxiong Zhang and Zhenfeng Xi*	<i>Tetrahedron Lett.</i> 2009 , 50, 3213-3215.
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44	Star-shaped Silacyclobutene-Containing π -Systems: Synthesis and Optical Properties	Junhui Liu, Shaoguang Zhang, Wenxiong Zhang, and Zhenfeng Xi*	<i>Organometallic</i> 2009 , 28, 413-417.
45	硅杂六元环化合物的反应	张韶光, 刘俊辉, 张文雄, 席振峰*	化学进展, 2009 , 12, 1487-1493.

46	硅杂六元环化合物的合成	刘俊辉, 张韶光, 张文雄, 席振峰*	化学进展, 2009, 12, 1475-1486.
47	硅杂四元环化合物的合成和反应	刘俊辉, 张文雄, 席振峰*	有机化学, 2009, 29, 491-503.
48	Efficient ruthenium-catalyzed synthesis of [3]dendralenes from 1,3-dienic allylic carbonates	Kassem Beydoun, Hui-Jun Zhang, Basker Sundararaju, Bernard Demerseman, Mathieu Achard, Zhenfeng Xi Christian Bruneau*	Chem. Commun. 2009, 6580-6582.
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50	Zirconocene-Mediated Ligand-Switched Selective Cleavage of Active and Inert Carbon-Carbon Bonds in Allylcyclopropanes	Chao Wang, Liang Deng, Jun Yan, Hailin Wang, Qian Luo Zhenfeng Xi*	Chem. Commun. 2009, 4414-4416.
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52	An Expedited and High-Yield Formal Synthesis of Hirsutene Using Rh(I)-Catalyzed [(5+2)+1] Cycloaddition	Xiaohui Fan. Min-Xian Tang, Lian-Gang Zhuo, Y. Q. Tu, Zhi-Xiang Yu*	Tetrahedron Lett. 2009, 50, 155-157.
53	Formal Syntheses of Asterisca-3(15),6-diene and Pentalenene Using Rh(I)-Catalyzed [(5+2)+1] Cycloaddition	Xiaohui Fan, Lian-Gang Zhuo, Y. Q. Tu, Zhi-Xiang Yu*	Tetrahedron, 2009, 65, 4709-4713.
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74	Enantioseparation of zolmitriptan and determination of binding constants and thermodynamic parameters by CD-modified CZE	NanNan Pang, Zhengxiang Zhang, Huwei Liu*	<i>Anal. Bioanal. Chem.</i> , 2009 , 393, 313-320.
75	Analysis of aristolochic acids by capillary electrophoresis - mass spectrometry with carboxymethyl chitosan-coated capillary	Xiaofang Fu, Yi Liu, Wei Li, Yu Bai, Maolin Zhai, Huwei Liu*	<i>Electrophoresis</i> 2009 , 30, 1783–1789.
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81	Molecular imprinting of protein by coordinate interaction	Jun Wang, Zhen Dong Hua, Zhi Yong Chen, Yuan Zong Li, Meiping Zhao*	<i>Chin. Chem. Lett.</i> 2009 , 20, 747-750.
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