

## 2010 年论文目录

序号	论文题目	作者	期刊及年卷期
1	The Chemistry of Open-cage Fullerene, Hydroxylamine Mediated Hole-closing and -opening Reactions	Jianxin Zhang, Dazhi Yang, Zuo Xiao, Liangbing Gan*	<i>Chin. J. of Chem.</i> <b>2010</b> , 28 (9), 1673-1677.
2	Fullerenyl azide: synthesis and reactivity,	Zhongping Jiang, Zuo Xiao, Gaihong Zhang, Liangbing Gan, * Dian Wang, Wenxiong Zhang*	<i>Tetrahedron Lett.</i> <b>2010</b> , 51 (2), 415-417.
3	Facile Synthesis of Isomerically Pure Fullerenols and Formation of Spherical Aggregates from C-60(OH)(8),	Gang Zhang, Yun Liu, Dehai Liang,* Liangbing Gan,* Yuliang Li,	<i>Angew. Chem.Int. Ed.</i> <b>2010</b> , 49, 5293-5295.
4	Synthesis and Reactivity of 2H-Pyran Moiety in [60]Fullerene Cage Skeleton,	Dazhi Yang, Lijun Shi, Huan Huang, Jianxin Zhang, Liangbing Gan*,	<i>J. Org. Chem.</i> <b>2010</b> , 75, 4567-4573.
5	Preparation of Open-Cage Fullerenes and Incorporation of Small Molecules Through Their Orifices,	Liangbing Gan,* Dazhi Yang, Qianyan Zhang, Huan Huang,	<i>Adv. Mater.</i> <b>2010</b> , 22, 1498-1507.
6	Carving two adjacent holes on [60]fullerene through two consecutive epoxide to diol to dione transformations,	Zuo Xiao, Jiayao Yao, Yuming Yu, Zhenshan Jia, Liangbing Gan*,	<i>Chem. Commun.</i> <b>2010</b> , 46, 8365-8367.
7	Switchable Open-Cage Fullerene for Water Encapsulation,	Qianyan Zhang, Tobias Pankewitz, Shuming Liu, Wim Klopper,* Liangbing Gan*,	<i>Angew. Chem. Int. Ed.</i> <b>2010</b> , 49, 9935-9938.
8	Development of New Stereodiverse Diaminocyclitols as Inhibitors of Influenza Virus Neuraminidase	Yi Cui, Zhaodong Jiao, Jianxian Gong, Quan Yu, Xiaofeng Zheng, Junmin Quan, Ming Luo and Zhen Yang	<i>Org. Lett.</i> <b>2010</b> , 12, 4-7.

9	Construction of All-Carbon Quaternary Center by R <sub>2</sub> AlCl-Mediated Ring-Opening Reaction of Oxacycles	Chao Che, Lianzhu Liu, Jianxian Gong, Yunfang Yang, Guoxin Wang, Junmin Quan and Zhen Yang	<i>Org. Lett.</i> <b>2010</b> , <i>12</i> , 488-491.
10	Benzo[e]isoindole-1,3-diones as Potential Inhibitors of Glycogen Synthase Kinase-3 (GSK-3). Synthesis, Kinase Inhibitory Activity, Zebrafish Phenotype, and Modeling of Binding Mode	Haixia Zou, Liyan Zhou, Yuanzhen Li, Yi Cui, Hanbing Zhong, Zhengying Pan, Zhen Yang and Junmin Quan	<i>J. Med. Chem.</i> <b>2010</b> , <i>53</i> , 994-1003.
11	A Thiourea-Oxazoline Library with Axial Chirality: Ligand Synthesis and Studies of the Palladium-Catalyzed Enantioselective Bis(methoxycarbonylation) of Terminal Olefins	Yingxiang Gao, Le Chang, Hang Shi, Bo Liang, Kittiya Wongkhan, Duanguan Chaiyavejj, Andrei.S. Batsanov, Todd.B. Marder, Chuangchuang Li, Zhen Yang and Yong Huang	<i>Adv. Synth Catal.</i> <b>2010</b> , <i>352</i> , 1955-1966.
12	An unprecedented silver salt effect switches the facial selectivity in the vinylogous Mukaiyama aldol reaction	Yufan Liang, Lin Wang, Rong Zhu, Lujiang Deng, Yunfang Yang, Junmin Quan, Jiahua Chen and Zhen Yang	<i>Adv. Synth. Catal.</i> <b>2010</b> , <i>352</i> , 2387-2393.
13	Asymmetric Total Synthesis of Caribenol A	Lianzhu Liu, Jingchun Han, Guozong Yue, Chuangchuang Li and Zhen Yang	<i>J. Am. Chem. Soc.</i> <b>2010</b> , <i>132</i> , 13608-13609.
14	Total Synthesis of (±) Maoecrystal V	Jianxian Gong, Guang Lin, Wenbo Sun, Chuang-Chuang Li and Zhen Yang	<i>J. Am. Chem. Soc.</i> <b>2010</b> , <i>132</i> , 16745-16746.
15	1,4-Dilithio-1,3-dienes: Reaction	Zhenfeng Xi*	<i>Acc. Chem. Res.</i>

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16	Cleavage and Re-organization of Zr-C/Si-C Bonds Leading to Zr/Si-N Organometallic and Heterocyclic Compounds	Shaoguang Zhang, Wen-Xiong Zhang, Jing Zhao, and Zhenfeng Xi*	<i>J. Am. Chem. Soc.</i> <b>2010</b> , <i>132</i> , 14042–14045.
17	Efficient One-Pot Synthesis of N-Containing Heterocycles by Multicomponent Coupling of Silicon-Tethered Diynes, Nitriles, and Isocyanides through Intramolecular Cyclization of Iminoacyl-Zr Intermediates	Shaoguang Zhang, Wen-Xiong Zhang, and Zhenfeng Xi*	<i>Chem. Eur. J.</i> <b>2010</b> , <i>16</i> , 8419–8426. (VIP Highlight)
18	Selective synthesis of dibenzo[a,c]cyclooctatetraenes via palladium-catalyzed [4+4] cyclic homocoupling of borylvinyl iodobenzene derivatives	Hui-jun Zhang, Junnian Wei, Fei Zhao, Yun Liang, Zitao Wang, Zhenfeng Xi*	<i>Chem. Commun.</i> <b>2010</b> , <i>46</i> , 7439–7441.
19	Formation of $\alpha$ -Lithio Siloles from Silylated 1,4-Dilithio-1,3-butadienes: Mechanism and Applications	Qian Luo, Chao Wang, Li Gu, Wen-Xiong Zhang, and Zhenfeng Xi*	<i>Chem. Asian. J.</i> <b>2010</b> , <i>5</i> , 1120–1128.
20	Isolation and X-ray Structure of a Trimeric 1,4-Dilithio-1,3-butadiene and a Dimeric Me <sub>3</sub> Si-Substituted 1,4-Dilithio-1,3-butadiene	Lantao Liu, Wen-Xiong Zhang,* Qian Luo, Heng Li, and Zhenfeng Xi*	<i>Organometallics</i> <b>2010</b> , <i>29</i> , 278–281.
21	Zn(OTf) <sub>2</sub> -Catalyzed Addition of Amines to Carbodiimides: Efficient Synthesis of Guanidines and Unpredicted Formation of Zn–N Amido Species	Dongzhen Li, Jie Guang, Wen-Xiong Zhang,* Yang Wang, and Zhenfeng Xi*	<i>Org. Biomol. Chem.</i> <b>2010</b> , <i>8</i> , 1816–1820.
22	Advances in the syntheses of six-membered metallacycles	Qifeng Wang, Chen Lin, Zhenfeng Xi*	<i>Chin. J. Org. Chem.</i> <b>2010</b> , <i>30</i> , 157–166.
23	Advances in the Synthesis and Reactivity of 2-Pyranylidene Carbene Complexes	Qifeng Wang, Wen-xiong Zhang, Chen Lin, and Zhenfeng Xi*	<i>Chinese. Sci. Bull.</i> <b>2010</b> , <i>55</i> , 2915–2923.
24	Pd-Catalyzed Three-Component Coupling of N-Tosylhydrazone, Terminal Alkyne, and Aryl Halide	Lei Zhou, Fei Ye, Yan Zhang, Jianbo Wang*	<i>J. Am. Chem. Soc.</i> <b>2010</b> , <i>132</i> , 13590–13591.
25	Gold(I)-Catalyzed	Changkun Li, Yi	<i>Angew. Chem. Int.</i>

	Cycloisomerization of Enynes Containing Cyclopropenes	Zeng, Hang Zhang, Jiajie Feng, Yan Zhang and Jianbo Wang*	<i>Ed.</i> <b>2010</b> , <i>49</i> , 6413-6417.
26	Rh(I)-catalyzed carbonylative carbocyclization of tethered ene- and yne-cyclopropenes	Changkun Li, Hang Zhang, Jiajie Feng, Yan Zhang and Jianbo Wang*	<i>Org. Lett.</i> <b>2010</b> , <i>12</i> , 3082-3085.
27	Gold(III)-Catalyzed Halogenation of Aromatic Boronates with N-Halosuccinimides	Di Qiu, Fanyang Mo, Zhitong Zheng, Yan Zhang and Jianbo Wang*	<i>Org. Lett.</i> <b>2010</b> , <i>12</i> , 5474-5477.
28	Microwave-Assisted, Pd(0)-Catalyzed Cross-Coupling of Diazirines with Aryl Halides	Xia Zhao, Guojiao Wu, Chong Yan, Kui Lu, Hui Li, Yan Zhang and Jianbo Wang*	<i>Org. Lett.</i> <b>2010</b> , <i>12</i> , 5580-5583.
29	InI <sub>3</sub> - or ZnI <sub>2</sub> -Catalyzed Reaction of Hydroxylated 1,5-Allenynes with Thiols: a New Access to 3,5-Disubstituted Toluene Derivatives	Jie Ma, Lingling Peng, Xiu Zhang, Zhe Zhang, Melody Campbell and Jianbo Wang*	<i>Chem. Asian J.</i> <b>2010</b> , <i>5</i> (10), 2214-2220.
30	Nano-Fe <sub>2</sub> O <sub>3</sub> -catalyzed Direct Borylation of Arenes	Guobing Yan, Yubo Jiang, Chunxiang Kuang,* Shuai Wang, Haichao Liu, Yan Zhang and Jianbo Wang*	<i>Chem. Commun.</i> <b>2010</b> , <i>46</i> , 3170-3172.
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32	Direct Conversion of Arylamines to the Pinacol Boronates: A Metal-Free Borylation Process	Fanyang Mo, Yubo Jiang, Di Qiu, Yan Zhang and Jianbo Wang*	<i>Angew. Chem. Int. Ed.</i> <b>2010</b> , <i>49</i> , 1846-1849.
33	Gold-Catalyzed Halogenation of Aromatics by N-Halosuccinimides	Fanyang Mo, Jerry Mingtao Yan, Di Qiu, Fei Li, Yan Zhang and Jianbo Wang*	<i>Angew. Chem. Int. Ed.</i> <b>2010</b> , <i>49</i> , 2028-2032.
34	Enantioselective Synthesis of Condensed and Transannular Ring Skeletons Containing Pyrrolidine	Fanyang Mo, Fei Li, Di Qiu and Jianbo Wang*	<i>Tetrahedron</i> , <b>2010</b> , <i>66</i> , 1274-1279.

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35	Diastereoselective Addition of Lithium Enolate of $\gamma$ -Substituted $\alpha$ -Diazoacetoacetate to <i>N</i> -Sulfinyl Imines	Fangyang Mo, Fei Li and Jianbo Wang*	<i>Chinese Science Bulletin</i> <b>2010</b> , 55, 2847-2854
36	Pd-Catalyzed Oxidative Cross-Coupling of <i>N</i> -Tosylhydrazones with Arylboronic Acids	Xia Zhao, Jing Jing, Kui Lu, Yan Zhang and Jianbo Wang*	<i>Chem. Commun.</i> <b>2010</b> , 46, 1724-1726.
37	Palladium-Catalyzed Carbonylation/Acyl Migratory Insertion Sequence.	Zhenhua Zhang, Yiyang Liu, Mingxing Gong, Xiaokun Zhao, Yan Zhang and Jianbo Wang*	<i>Angew. Chem. Int. Ed.</i> <b>2010</b> , 49, 1139-1142.
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39	Rh(II)-Catalyzed Reaction of $\alpha$ -Diazocarbonyl Compounds bearing $\beta$ -Trichloroacetyl amino Substituent: C-H Insertion versus 1,2-H Shift	Zhenhua Zhang, Weifeng Shi, Jian Zhang, Bo Zhang, Bingge Liu, Yiyang Liu, Bo Fan, Fengping Xiao, Feng Xu and Jianbo Wang*	<i>Chem. Asian J.</i> <b>2010</b> , 5, 1112-1119.
40	Palladium-Catalyzed Coupling Reaction of $\alpha$ -Diazocarbonyl Compounds with Aromatic Boronic Acids and Halides	Cheng Peng, Guobin Yan, Yan Wang, Yubo Jiang, Yan Zhang and Jianbo Wang*	<i>Synthesis.</i> <b>2010</b> , 4154-4168.
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42	Gold(I)-Catalyzed Ring Expansions of Unactivated Alkynylcyclopropanes to (E)-2-Alkylidenecyclobutanamines in the Presence of Sulfonamides	Siyu Ye and Zhi-Xiang Yu,*	<i>Org. Lett.</i> <b>2010</b> , 12, 804.
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44	Conjugated Diene Assisted Allylic C-H Bond Activation: Cationic Rh(I) Catalyzed Syntheses of Polysubstituted Tetrahydropyrroles, Tetrahydrofurans, and Cyclopentanes from Ene-2-Dienes	Qian Li and Zhi-Xiang Yu,*	<i>J. Am. Chem. Soc.</i> <b>2010</b> , <i>132</i> , 4542.
45	Rh(I)-Catalyzed [(3+2)+1] Cycloaddition of 1-Yne-/1-Ene-Vinylcyclopropanes and CO: A Homologous Pauson-Khand Approach to Six-Membered Carbocycle and Total Synthesis of $\alpha$ -Agarofuran	Lei Jiao, Mu Lin, Lian-Gang Zhuo, and Zhi-Xiang Yu,*	<i>Org. Lett.</i> <b>2010</b> , <i>12</i> , 2528.
46	Transition-Metal-Catalyzed Cycloadditions for the Synthesis of Eight-Membered Carbocycles	Zhi-Xiang Yu,* Yi Wang, and Yuanyuan Wang,	<i>Chem. Asian J.</i> <b>2010</b> , <i>5</i> , 1072.
47	Rh(I)-Catalyzed Two-Component [(5+2)+1] Cycloaddition Approach toward [5-8-5] Ring Systems	Feng Huang, Zhongke Yao, Yi Wang, Yuanyuan Wang, Jialing Zhang, and Zhi-Xiang Yu,*	<i>Chem. Asian J.</i> <b>2010</b> , <i>5</i> , 1555.
48	Formal total synthesis of ( $\pm$ )-hirsutic acid C using the tandem Rh(I)-catalyzed [(5+2)+1] cycloaddition/aldol reaction	Changxia Yuan, Lei Jiao, and Zhi-Xiang Yu,*	<i>Tetrahedron Lett.</i> <b>2010</b> , <i>51</i> , 5674.
49	Highly Efficient and Color-Stable Deep-Blue Organic Light-Emitting Diodes Based on a Solution-Processible Dendrimer	Lei Wang, Yang Jiang, Jia Luo, Yan Zhou, Junhong Zhou, Jian Wang,* Jian Pei,* and Yong Cao	<i>Adv. Mater.</i> <b>2009</b> , <i>21</i> , 4854-4857.
50	High-Performance Organic Field-Effect Transistors from Organic Single-Crystal Microribbons Formed by a Solution Process	Yan Zhou, Ting Lei, Lei Wang, Jian Pei,* Yong Cao, and Jian Wang*	<i>Adv. Mater.</i> <b>2010</b> , <i>22</i> , 1484-1487.
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53	Smart Macrocyclic Molecules: Induced Fit and Ultrafast Self-Sorting Inclusion Behavior through Dynamic Covalent Chemistry	Ji-Ming Han, Jin-Long Pan, Ting Lei, Chenjiang Liu,* and Jian Pei	<i>Chem. Eur. J.</i> <b>2010</b> , <i>16</i> , 13850–13861.
54	Structural-Property Relationship in Pyrazino[2,3-g]quinoxaline Derivatives: Morphology, Photophysical, and Waveguide Properties	Xiao Wang, Yan Zhou, Ting Lei, Nan Hu, Er-Qing Chen,* and Jian Pei*	<i>Chem. Mater.</i> <b>2010</b> , <i>22</i> , 3735–3745.
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58	Polycyclic Imide Derivatives: Synthesis and Effective Tuning of Lowest Unoccupied Molecular Orbital Levels through Molecular Engineering	Lin Ding, Han-Ze Ying, Yan Zhou, Ting Lei, and Jian Pei*	<i>Org. Lett.</i> <b>2010</b> , <i>12</i> , 5522–5525.
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60	Solution-Processed Bulk-Heterojunction Photovoltaic Cells Based on Dendritic and Star-Shaped D- $\pi$ -A Organic Dyes	Jin-Liang Wang, Zhicai He, Hongbin Wu, Haibo Cui, Yan Li, Qihuang Gong,* Yong Cao,* and Jian Pei*	<i>Chem. Asian J.</i> <b>2010</b> , 5, 1455-1465.
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62	Benzothiadiazole Containing D- $\pi$ -A Conjugated Compounds for Dye-Sensitized Solar Cells: Synthesis, Properties, and Photovoltaic Performances	Zheng-Ming Tang, Ting Lei, Ke-Jian Jiang,* Yan-Lin Song, and Jian Pei*	<i>Chem. Asian J.</i> <b>2010</b> , 5, 1911-1917.
63	A Solution Process for Size-Controlled Growth and Transfer of Organic Nanostructures with Manufacture Scalability	Qili Niu, Yan Zhou, Lei Wang, C. Luo, Jia Luo, Junbiao Peng, Yong Cao, Jian Pei,* and Jian Wang*	<i>Langmuir</i> <b>2010</b> , 26(7), 5213–5216.
64	Star-Shaped Donor- $\pi$ -Acceptor Conjugated Molecules: Synthesis, Properties, and Modification of Their Absorptions Features	Zheng-Ming Tang, Ting Lei, Jin-Liang Wang, Yuguo Ma,* and Jian Pei*	<i>J. Org. Chem.</i> <b>2010</b> , 75, 3644–3655.
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71	Pd-Catalyzed oxidative coupling with organometallic reagents via C-H activation.	Chang-Liang Sun, Bi-Jie Li and Zhang-Jie Shi	<i>Chem. Commun.</i> <b>2010</b> , 46, 677-685.
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78	Palladium-Catalyzed C—C Bonds Formation Reactions via Selective C—H Bonds Functionalization	Hu Li and Zhang-Jie Shi	<i>Chemistry</i> <b>2010</b> , 22, 1414-1433.
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82	Quantitative Detection of Trace Systemins in Solanaceous Plants by Immunoaffinity Purification combined with LC/ESI QTOF MS	Fuyou Du, Yu Bai, Yu Bai, Huwei Liu*	<i>Anal Chem</i> , <b>2010</b> , 82, 9374–9383
83	Lipid profiling of rat peritoneal surface layers by online, normal- and reverse-phase 2D LC QToF-MS	Honggang Nie, Ranran Liu, Youyou Yang, Yu Bai, Yafeng Guan, Daqing Qian, Tao Wang, and Huwei Liu	<i>J. Lipid Research</i> , <b>2010</b> , 51, 2833-2844
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