

2013 年度发表论文目录

序号	论文题目	作者	期刊及年卷期
1	Synthesis of C ₆₀ (O) ₃ : An Open-Cage Fullerene with a Ketolactone Moiety on the Orifice	Nana Xin, Xiaobing Yang, Zishuo Zhou, Jianxin Zhang, Showxin Zhang, Liangbing Gan*	<i>J. Org. Chem.</i> 2013 , 78, 1157-1162
2	Synthesis of an Azahomoazafullerene C ₅₉ N(NH)R and Gas-Phase Formation of the Diaza fullerene C ₅₈ N ₂	Huan Huang, Gaihong Zhang, Dian Wang, Nana Xin, Sisi Liang, Nengdong Wang, Liangbing Gan*	<i>Angew. Chem., Int. Ed.</i> 2013 , 52, 5037-5040
3	Open-cage fullerenes as tailor-made container	Lijun Shi, Liangbing Gan*	<i>J. Phys. Org. Chem.</i> 2013 , 26, 766-772
4	Regioselective Diels–Alder Reactions Directed by Carbonyl Groups on the Rim of Open-Cage Fullerene Derivatives	Liang Xu, Qianyan Zhang, Gang Zhang, Sisi Liang, Yuming Yu, and Liangbing Gan*	<i>Eur. J. Org. Chem.</i> , 2013 , 7272-7276
5	Punching a carbon atom of C ₆₀ into its own cavity to form endohedral complex CO@C ₅₉ O ₆ under mild conditions	Lijun Shi, Dazhi Yang, Francesca Colombo, Yuming Yu, Wen-xiong Zhang, Liangbing Gan*	<i>Chem. Eur. J.</i> 2013 , 19, 16545-16549
6	Molecular containers with a dynamic orifice: open-cage fullerenes capable of encapsulating either H ₂ O or H ₂ under mild condition	Yuming Yu, Lijun Shi, Dazhi Yang, Liangbing Gan*	<i>Chem. Sci.</i> 2013 , 4, 814-818
7	Half-sandwich Bis(propiolamidinate) Rare-earth Metal Complexes: Synthesis, Structure and Dissociation of Cyclopentadienyl Ligand via Competition with an Amidinate	Ling Xu, Yu-Chen Wang, Wen-Xiong Zhang,* and Zhenfeng Xi	<i>Dalton Trans.</i> 2013 , 42 (47), 16466–16469.
8	Barium Dibenzopentalenide as a Main-Group Metal Complex: Facile Synthesis from 1,4-Dithio-1,3-butadienes and Ba[N(SiMe ₃) ₂] ₂ , Structural Characterization and Reaction Chemistry	Heng Li, Baosheng Wei, Ling Xu, Wen-Xiong Zhang, and Zhenfeng Xi*	<i>Angew. Chem. Int. Ed.</i> 2013 , 52, 10822 –10825.
9	Palladium-Catalyzed Cleavage of the Me-Si Bond in <i>ortho</i> -Trimethylsilyl Aryltriflates: Synthesis of Benzosilole Derivatives from <i>ortho</i> -Trimethylsilyl Aryltriflates and	Tianhao Meng, Kunbing Ouyanga, and Zhenfeng Xi*	<i>RSC Adv.</i> 2013 , 3, 14273–14276.

	Alkynes		
10	Diazo Compounds as Electrophiles to React with 1,4-Dilithio-1,3-dienes: Efficient Synthesis of 1-Imino-Pyrrole Derivatives	Ming Zhan, Shaoguang Zhang, Wen-Xiong Zhang, and Zhenfeng Xi*	<i>Org. Lett.</i> 2013 , <i>15</i> , 4182-4185.
11	Programmed Selective sp ² C-O Bond Activation toward Multi-Arylated Benzenes	Fei Zhao, Yun-Fei Zhang, Jing Wen, Da-Gang Yu, Jiang-Bo Wei, Zhenfeng Xi,* and Zhangjie Shi*	<i>Org. Lett.</i> 2013 , <i>15</i> , 3230-3233.
12	3-D Brick-Wall Polymeric Structure of TMEDA-Supported 1,4-Dilithio-1,3-Butadiene	Shaoguang Zhang, Ming Zhan, Wen-Xiong Zhang,* and Zhenfeng Xi*	<i>Organometallics</i> 2013 , <i>32</i> , 4020-4023.
13	Mechanistic Study on the Cleavage and Reorganization of C(sp ³)-H and C=N Bonds in Carbodiimides: Synthesis of 1,2-Dihydrothiopyrimidines and 2,3-Dihydropyrimidinethiones via Four-Component Coupling	Yang Wang, Fei Zhao, Yi Zhou, Yue Chi, Zitao Wang, Wen-Xiong Zhang,* and Zhenfeng Xi	<i>Chem. Eur. J.</i> 2013 , <i>19</i> , 10643-10654.
14	Alkaline-Earth Metallocenes Coordinated with Ester Pendant: Synthesis, Structural Characterization, and Application in Metathesis Reaction	Heng Li, Wen-Xiong Zhang, and Zhenfeng Xi*	<i>Chem. Eur. J.</i> 2013 , <i>19</i> , 12859-12866.
15	Oxidation of C-H bonds to C=O bonds by O ₂ only or N-oxides and DMSO: synthesis of D1-bipyrrolinones and pyrrolino[3,2- <i>b</i>]pyrrolinones from 2,6-diazasemibullvalenes	Shaoguang Zhang, Ming Zhan, Qian Luo, Wen-Xiong Zhang, and Zhenfeng Xi*	<i>Chem. Commun.</i> 2013 , <i>49</i> , 6146-6148
16	1,2,3,4-Tetrasubstituted Cyclopentadienes and Their Applications for Metallocenes: Efficient Synthesis via Zirconocene and CuCl Mediated Intermolecular Coupling of Two Alkynes and One Diiodomethane	Weizhi Geng, Chao Wang, Jie Guang, Wei Hao, Wen-Xiong Zhang, and Zhenfeng Xi*	<i>Chem. Eur. J.</i> 2013 , <i>19</i> , 8657 – 8664.
17	DFT Studies on the Reaction Mechanisms of 1,4-dilithio-1,3-dienes with Nitriles	Fei Zhao, Ming Zhan, Wen-Xiong Zhang, and Zhenfeng Xi*	<i>Organometallics</i> 2013 , <i>32</i> , 2059-2068.
18	Lewis Acid-Catalyzed Site-Selective Cycloadditions of 2,6-Diazasemibullvalenes with Isocyanides, Azides and Diazo	Shaoguang Zhang, Wen-Xiong Zhang, and Zhenfeng Xi*	<i>Angew. Chem. Int. Ed.</i> 2013 , <i>52</i> , 3485 –3489.

	Compounds for the Synthesis of Diaza- and Triaza-Brexiadiene Derivatives		
19	Construction of Octa-alkyl Substituted and Deca-substituted All-cis Octatetraenes via Linear Dimerization of 1,4-Dicopper-1,3-butadienes and Subsequent Cross-coupling with Halides	Junnian Wei, Zitao Wang, Wen-Xiong Zhang, and Zhenfeng Xi*	<i>Org. Lett.</i> 2013 , <i>15</i> , 1222-1225.
20	For a review on roles of bases in transition-metal catalyzed organic reactions	Ouyang, K.; Xi, Z.	<i>Acta Chim. Sinica</i> 2013 , <i>71</i> , 13-25.
21	Synthesis, Characterization, and Reactivity of <i>N</i> -Acyl Chloroformamidines: Useful Building Blocks for the Construction of <i>N</i> -Acyl- substituted 1,1-Diaminoethylenes, Amidines, Ureas, and Thioureas	Yang Wang, Yue Chi, Fei Zhao, Wen-Xiong Zhang,* and Zhenfeng Xi	<i>Synthesis</i> 2013 , <i>45</i> , 347-354.
22	Reverse Regioselectivity in the Palladium(II) Thiourea Catalyzed Intermolecular Pauson-Khand Reaction	Wu, N.; Deng, L.; Liu, L.; Liu, Q.; Li, C.; Yang, Z.	<i>Chem. Asia J.</i> 2013 , <i>8</i> , 65-68.
23	Enantioselective Total Syntheses of (+)-Galocatechin, Epigallocatechin, and 8-C-Ascorbylepigallocatechin	Lin, G.; Chang, L.; Liu, Y.-X.; Xiang, Z.; Chen, J.-H.; Yang, Z.	<i>Chem. Asia J.</i> 2013 , <i>4</i> , 700-704.
24	Gold-Catalyzed Rearrangement of Allylic Oxonium Ylides: Efficient Synthesis of Highly Functionalized Dihydrofuran-3-ones	Fu, J.; Dr. Shang, H.; Wang, Z.; Chang, L.; Shao, W.; Yang, Z.; Tang, Y.	<i>Angew. Chem. Int. Ed.</i> 2013 , <i>52</i> , 4198-4202.
25	Stereoselective Total Syntheses of (-)-Flueggine A and (+)-Virosaine B	Wei, H.; Qiao, C.; Liu, G.; Yang, Z.; Li, C.	<i>Angew. Chem. Int. Ed.</i> 2013 , <i>52</i> , 620.
26	Asymmetric Total Syntheses of Ansamacrolactams (+)-Q-1047H-A-A and (+)-Q-1047H-R-A	Yang, S.-L.; Xi, Y.-M.; Zhu, R.; Wang, L.; Chen, J.-H.; Yang, Z.	<i>Org. Lett.</i> 2013 , <i>15</i> , 812-815.
27	One-Pot Syntheses of Isoquinolin-3-ones and Benzo-1,4-diazepin-2,5-diones Utilizing Ugi-4CR Post-Transformation Strategy	Che, C.; Li, S.; Yu, Z.; Li, F.; Xin, S.; Zhou, L.; Lin, S.; Yang, Z.	<i>ACS Comb. Sci.</i> 2013 , <i>15</i> , 202-207.
28	Highly Regioselective Syntheses of Substituted Triphenylenes from	Xu, L.-M.; Yu, R.-C.; Wang, Y.-F.; Chen, J.-H.; Yang, Z.	<i>J. Org. Chem.</i> , 2013 , <i>78</i> , 5744-5750.

	2,4-Trisubstituted Arenes via a Co-Catalyzed Intermolecular Alkyne Cyclotrimerization		
29	Asymmetric Total Synthesis of Caribenol A via an Intramolecular Diels–Alder Reaction	Han, J.-C.; Liu, L.-Z.; Chang, Y.-Y.; Yue, G.-Z.; Guo, J.; Zhou, L.-Y.; Li, C.-C.; Yang, Z.	<i>J. Org. Chem.</i> 2013 , <i>78</i> , 5492–5504.
30	Asymmetric Total Synthesis of (+)-Fusarisetin A via the Intramolecular Pauson–Khand Reaction”	Huang, J.; Fang, L.-C.; Long, R.; Shi, L.-L.; Shen, H.-J.; Li, C.-C.; Yang, Z.	<i>Org. Lett.</i> 2013 , <i>15</i> , 4018–4021.
31	Asymmetric, Protecting-Group-Free Total Synthesis of (+)-Caribenol A	Han, J.-C.; Liu, L.-Z.; Li, C.-C.; Yang, Z.	<i>Chem. Asian J.</i> 2013 , 1972.
32	Development of an expedient intramolecular Pauson–Khand reaction approach to stereoselectively construct the trans-decalin with a C1 quaternary chiral center.	Shi, L.-L.; Shen, H.-J.; Fang, L.-C.; Huang, J.; Li, C.-C.; Yang, Z.	<i>Chem. Commun.</i> 2013 , <i>49</i> , 8806.
33	Synthesis of α,β -unsaturated carbonyl compounds via a visible-light-promoted organocatalytic aerobic oxidation	Hang, J.-L.; Wang, L.; Liu, Q.; Yang, Z.; Huang, Y.	<i>Chem. Commun.</i> 2013 , 11662–11664.
34	A sesquiterpene lactone antrocin from <i>Antrodia camphorata</i> negatively modulates JAK2/STAT3 signaling via <i>microRNA</i> let-7c and induces apoptosis in lung cancer cells	Yeh, C.-T.; Huang, W.-C.; Rao, Y.; Min Ye, Lee, W.-H.; Wang, L.-S.; Tzeng, D. T. W.; Wu, C.-H.; Shieh, Y.-S.; Huang, C.-Y.; Chen, Y.-J.; Hsiao, M.; Wu, A. T. H.; Yang, Z.; Tzeng, Y.-M	<i>Carcinogenesis</i> 2013 , <i>34</i> , 2918–2928.
35	Azaborine Compounds for Organic Field-Effect Transistors: Efficient Synthesis, Remarkable Stability, and BN Dipole Interactions	Xiao-Ye Wang, Hao-Ran Lin, Ting Lei, Dong-Chu Yang, Fang-Dong Zhuang, Jie-Yu Wang*, Si-Chun Yuan* and Jian Pei*	<i>Angew. Chem. Int. Ed.</i> 2013 , <i>52</i> , 3117–3120.
36	Electron-Deficient Poly(p-Phenylene Vinylene) Provides Electron Mobility over $1\text{ cm}^2\text{ V}^{-1}\text{ s}^{-1}$ under Ambient Conditions	Ting Lei, Jin-Hu Dou, Xiao-Yu Cao*, Jie-Yu Wang* and Jian Pei*	<i>J. Am. Chem. Soc.</i> 2013 , <i>135</i> , 12168–12171
37	BDOPV-Based Donor-Acceptor Polymer for High-Performance n-Type and Oxygen-Doped Ambipolar Field-Effect Transistors	Ting Lei, Jin-Hu Dou, Xiao-Yu Cao*, Jie-Yu Wang* and Jian Pei* A	<i>Adv. Mater.</i> 2013 , <i>25</i> , 6589–6593.
38	Fusion at the Non-K-Region of	Lin Zou, Xiao-Ye Wang, Ke	<i>Org. Lett.</i> 2013 , <i>15</i> ,

	Pyrene: An Alternative Strategy To Extend the π -Conjugated Plane of Pyrene	Shi, Jie-Yu Wang* and Jian Pei*	4378–4381.
39	Main-Chain Linear Polyrotaxanes: Synthesis, Characterization, and Conformational Modulation	Ji-Min Han, Yong-Hong Zhang, Xiao-Ye Wang, Chen-Jiang Liu*, Jie-Yu Wang* and Jian Pei*	<i>Chem.-Eur. J.</i> 2013 , <i>19</i> , 1502-1510.
40	Dithiazolyl-Benzothiadiazole-Containing Polymer Acceptors: Synthesis, Characterization, and All-Polymer Solar Cells	Yue Cao, Ting Lei, Jingsong Yuan, Jie-Yu Wang* and Jian Pei*	<i>Poly. Chem.</i> 2013 , <i>4</i> , 5228-5236.
41	Chlorination as a Useful Method to Modulate Conjugated Polymers: Balanced and Ambient-Stable Ambipolar Field-Effect Transistors and Inverters Based on Chlorinated Isoindigo Polymers	Ting Lei, Jin-Hu Dou, Zhi-Jun Ma, Chenjiang Liu*, Jie-Yu Wang* and Jian Pei*	<i>Chem. Sci.</i> 2013 , <i>4</i> , 2447-2452.
42	New Polymer Acceptors for Organic Solar Cells: The Effect of Regio-Regularity and Device Configuration	Yan Zhou, Qifan Yan, Yu-Qing Zheng, Jie-Yu Wang, Dahui Zhao* and Jian Pei*	<i>J. Mater. Chem. A</i> 2013 , <i>1</i> , 6609-6613.
43	Non-fullerene Acceptors Containing Fluoranthene-fused Imides for Solution-processed Inverted Organic Solar Cells	Yan Zhou, Ya-Zhong Dai, Yu-Qing Zheng, Xiao-Ye Wang, Jie-Yu Wang* and Jian Pei*	<i>Chem. Commun.</i> 2013 , <i>49</i> , 5802-5804.
44	T-Shaped Donor–Acceptor Molecules for Low-Loss Red-Emission Optical Waveguide	Zi-Hao Guo, Ting Lei, Ze-Xin Jin, Jie-Yu Wang* and Jian Pei*	<i>Org. Lett.</i> 2013 , <i>15</i> , 3530-3533.
45	Electron-Transporting PAHs with Dual Perylenediimides: Syntheses and Semiconductive Characterizations	Zhuo-Ran Zhang, Ting Lei, Qi-Fan Yan, Jian Pei* and Da-Hui Zhao*	<i>Chem. Commun.</i> 2013 , <i>49</i> , 2882-2884.
46	Novel Isoindigo-based Conjugated Polymers for Solar Cells and Field Effect Transistors	Khalid Mahmood, Zheng-Ping Liu*, Cui-Hong Li, Zhen Lu, Tao Fang, Xiao Liu, Jian-Jun Zhou, Ting Lei, Jian Pei and Zhi-Shan Bo*	<i>Poly. Chem.</i> 2013 , <i>4</i> , 3563-3574.
47	Towards Rational Design of Organic Electron Acceptors for Photovoltaics: A Study Based on Perylenediimide Derivatives	Qi-Fan Yan, Yan Zhou, Yu-Qing Zheng, Jian Pei* and Da-Hui Zhao*	<i>Chem. Sci.</i> 2013 , <i>4</i> , 4389-4394.
48	A Photoconductive Charge-Transfer Crystal with Mixed-Stacking Donor-Acceptor	Wei Yu, Xiao-Ye Wang, Jing Li, Zhi-Ting Li, Yu-Kun Yan, Wei Wang* and Jian Pei*	<i>Chem. Commun.</i> 2013 , <i>49</i> , 54-56.

	Heterojunctions within the Lattice		
49	Achieving High Sensitivity in Single Organic Submicrometer Ribbon Based Photodetector through Surface Engineering	Na Ai, Yan Zhou, Yina Zheng, Haibo Chen, Jian Wang*, Jian Pei* and Yong Cao	<i>Org. Electron.</i> 2013 , <i>14</i> , 1103-1108.
50	Indeno[2,1-c]fluorene-Based Blue Fluorescent Oligomers and Polymers: Synthesis, Structure, Photophysical and Electroluminescence Properties	Bin Du, Lei Wang, Si-Chun Yuan*, Ting Lei, Jian Pei* and Yong Cao	<i>Polymer</i> 2013 , <i>54</i> , 2935-2944.
51	Synthesis of Z-Alkenes from Rh(I)-Catalyzed Olefin Isomerization of β,γ -Unsaturated Ketones	Lian-Gang Zhuo, Zhong-Ke Yao, and Zhi-Xiang Yu*	<i>Org. Lett.</i> 2013 , <i>15</i> , 4634.
52	Mild-Condition Synthesis of Allenes from Alkynes and Aldehydes Mediated by Tetrahydroisoquinoline (THIQ)	Guo-Jie Jiang, Qin-Heng Zheng, Meng Dou, Lian-Gang Zhuo, Wei Meng, and Zhi-Xiang Yu*	<i>J. Org. Chem.</i> , 2013 , <i>78</i> , 11783.
53	CuI-Catalyzed C1-Alkynylation of Tetrahydroisoquinolines (THIQs) by A ³ Reaction with Tunable Iminium Ions	Qin-Heng Zheng, Meng Dou, Guo-Jie Jiang, and Zhi-Xiang Yu,*	<i>Org. Lett.</i> 2013 , <i>15</i> , 5928.
54	Gold(I)-Catalyzed endo-Selective Intramolecular α -Alkenylation of β -Yne-Furans: Synthesis of Seven-Membered-Ring-Fused Furans and DFT Calculations	Zhe Dong, Cheng-Hang Liu, Yi Wang, Mu Lin, and Zhi-Xiang Yu*	<i>Angew. Chem. Int. Ed.</i> 2013 , <i>52</i> , 14157.
55	Aromatic C–H Addition to Ketones: The Effect of Directing Groups	Xisha Zhang, Qilei Zhu, Feixian Luo, Guihua Chen, Xin Wang, Zhangjie Shi*	<i>Eur. J. Org. Chem.</i> 2013 , <i>2013</i> , 6530-6534.
56	Controllable Mono-/Dialkenylation of Benzyl Thioethers through Rh-Catalyzed Aryl C-H Activation	Xisha Zhang, Qilei Zhu, Yunfei Zhang, Yanbang Li and Zhangjie Shi*	<i>Chem.-Eur. J.</i> 2013 , <i>19</i> , 11898-11903.
57	Regioselective Arylation of Thiazole Derivatives at 5-Position via Pd Catalysis under Ligand-Free Conditions	Xiangwei Liu, Jiangling Shi, Jiaxuan Yan, Jiangbo Wei, Kun Peng, Le Dai, Chenguang Li, Biqin Wang, Zhangjie Shi*	<i>Org. Lett.</i> 2013 , <i>15</i> , 5774-5777
58	Direct Arylation of Primary and Secondary sp ³ C–H Bonds with Diarylhyperiodonium Salts via Pd Catalysis	Fei Pan, Pengxiang Shen, Lisheng Zhang, Xin Wang, Zhangjie Shi*	<i>Org. Lett.</i> 2013 , <i>15</i> , 4758-4761.
59	Fe-promoted cross coupling of homobenzylic methyl ethers with	Shuang Luo, Dagang Yu, Ruyi Zhu, Xin Wang, Lei	<i>Chem. Commun.</i> 2013 , <i>49</i> , 7794-7796

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60	Synthesis of Dibenzopyranones through Palladium-Catalyzed Directed C–H Activation/Carbonylation of 2-Arylphenols	Shuang Luo, Feixian Luo, Xisha Zhang, Zhangjie Shi*	<i>Angew. Chem. Int. Ed.</i> 2013 , 58, 10598-10601
61	Programmed Selective sp ² C–O Bond Activation toward Multiarylated Benzenes	Fei Zhao, Yunfei Zhang, Jing Wen, Dagang Yu, Jiangbo Wei, Zhenfeng Xi, Zhangjie Shi*	<i>Org. Lett.</i> 2013 , 15, 3230-3233
62	Benzofuran Synthesis via Copper-Mediated Oxidative Annulation of Phenols and Unactivated Internal Alkynes	Ruyi Zhu, Jiangbo Wei and Zhangjie Shi*	<i>Chem. Sci.</i> 2013 , 4, 3706-3711
63	Transition-metal-free cross-dehydrogenative alkylation of pyridines under neutral conditions	Xin Li, Haoyuan Wang, Zhangjie Shi*	<i>New J. Chem.</i> 2013 , 37, 1704-1706
64	Asymmetric Allylic Alkylation of Alkene through Direct C (sp ³)-H Functionalization	Guihua Chen, Kang Chen, Zhangjie Shi*	<i>ChemCatChem</i> 2013 , 5, 1289-1290
65	Synthesis and screening of 3-MA derivatives for autophagy inhibitors	Yanyang Wu, Xin Wang, Haijing Guo, Bo Zhang, Xiaobo Zhang, Li Yu, Zhangjie Shi*	<i>Autophagy</i> 2013 , 9, 595-603
66	A conceptual translation of homogeneous catalysis into heterogeneous catalysis: homogeneous-like heterogeneous gold nanoparticle catalyst induced by ceria supporter	Zhenxing Li, Wei Xue, Bingtao Guan, Fubo Shi, Hong Jiang, Chunhua Yan, Zhangjie Shi*	<i>Nanoscale</i> 2013 , 5, 1213-1220
67	Cross coupling of thioethers with aryl boroxines to construct biaryls via Rh catalyzed C–S activation.	Fei. Pan, Hui. Wang, Pengxiang Shen, Jing Zhao, Zhangjie Shi*	<i>Chem. Sci.</i> 2013 , 4, 1573-1577
68	Direct Lactonization of 2-Arylacetic Acids through Pd(II)-Catalyzed C–H Activation/C–O Formation.	Mingyu Yang, Xingyu Jiang, Wenjuan Shi, Qilei Zhu, Zhangjie Shi*	<i>Org. Lett.</i> 2013 , 15, 690-693
69	Rhodium(I)-Catalyzed Redox-Economic Cross-Coupling of Carboxylic Acids with Arenes Directed by N-Containing Groups.	Fei. Pan, Zhiquan Lei, Hui Wang, Hu Li, Jian Sun, Zhangjie Shi*	<i>Angew. Chem. Int. Ed.</i> 2013 , 52, 2063-2067
70	Palladium-Catalyzed Trifluoromethylation of Aromatic	Lisheng Zhang, Kang Chen, Guihua Chen, Bijie Li,	<i>Org. Lett.</i> 2013 , 15, 10-13.

	C–H bond Directed by an Acetamino Group.	Shuang Luo, Qingyun Guo, Jiangbo Wei, Zhangjie Shi*	
71	Diazo Compounds and <i>N</i> -Tosylhydrazones: Novel Cross-Coupling Partners in Transition-Metal-Catalyzed Reactions	Qing Xiao, Yan Zhang, Jianbo Wang*	<i>Acc. Chem. Res.</i> 2013 , <i>46</i> , 236-247.
72	Synthesis of Pinacol Arylboronates from Aromatic Amines: A Metal-Free Transformation	Di Qiu, Liang Jin, Zhitong Zheng, He Meng, Fanyang Mo, Xi Wang, Yan Zhang, and Jianbo Wang*	<i>J. Org. Chem.</i> 2013 , <i>78</i> , 1923-1933.
73	Catalyst-Free Intramolecular Formal Carbon Insertion into C-C Bond: a New Approach toward Phenanthrols and Naphthols	Ying Xia, Peiyuan Qu, Zhenxing Liu, Rui Ge, Qing Xiao, Yan Zhang and Jianbo Wang*	<i>Angew. Chem. Int. Ed.</i> 2013 , <i>52</i> , 2543-2546.
74	Recent Applications of Arene Diazonium Salts in Organic Synthesis	Fanyang Mo, Guangbin Dong,* Yan Zhang and Jianbo Wang*	<i>Org. Biomol. Chem.</i> 2013 , <i>11</i> , 1582-2593.
75	CuI-Catalyzed Cross Coupling of <i>N</i> -Tosylhydrazones with Terminal Alkynes: Synthesis of 1,3-Disubstituted Allenes	Mohammad Hossain, Fei Ye, Yan Zhang and Jianbo Wang*	<i>J. Org. Chem.</i> 2013 , <i>78</i> , 1236-1241.
76	Transition-Metal-Catalyzed Cross-Coupling Reaction with <i>N</i> -Tosylhydrazones	Zhenxing Liu, Yan Zhang and Jianbo Wang*	<i>Chin. J. Org.Chem.</i> 2013 , <i>33</i> , 687-692.
77	Copper-Catalyzed Direct ortho-Alkylation of <i>N</i> -Iminopyridinium Ylides with <i>N</i> -Tosylhydrazones	Qing Xiao, Lin Ling, Fei Ye, Renchang Tan, Leiming Tian, Yan Zhang, Yuxue Li* and Jianbo Wang*	<i>J. Org. Chem.</i> 2013 , <i>78</i> , 3879-3885.
78	Synthesis of Allyl Allenes through Three-Component Cross-Coupling Reaction of <i>N</i> -Tosylhydrazones, Terminal Alkynes and Allyl Halides	Fei Ye, Mohammad Lokman Hossain, Yan Xu, Xiaoshen Ma, Qing Xiao, Yan Zhang and Jianbo Wang*	<i>Chem. Asian J.</i> 2013 , <i>8</i> , 1404-1407.
79	Palladium-Catalyzed Diarylmethyl C(sp ³)-C(sp ²) Bond Formation: A New Coupling Approach towards Triarylmethanes	Ying Xia, Fangdong Hu, Zhenxing Liu, Peiyuan Qu, Rui Ge, Chen Ma, Yan Zhang and Jianbo Wang*	<i>Org. Lett.</i> 2013 , <i>15</i> , 1784-1787.
80	<i>N</i> -Tosylhydrazine-Mediated Deoxygenative Hydrogenation of Aldehydes and Ketones Catalyzed by Pd/C	Lei Zhou, Zhenxing Liu, Yizhou Liu, Yan Zhang and Jianbo Wang*	<i>Tetrahedron</i> 2013 , <i>69</i> , 6083-6087.
81	Pd-Catalyzed Three-Component Reaction of Allenes, Aryl Iodides and Diazo Compounds: New Approach to	Qing Xiao, Binglong Wang, Leiming Tian, Yang Yang, Jian Ma, Yan Zhang,	<i>Angew. Chem. Int. Ed.</i> 2013 , <i>52</i> , 9305-9308.

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82	Copper-Catalyzed Direct C-H Trifluoromethylation of Quinones	Xi Wang, Yuxuan Ye, Guojing Ji, Yan Xu, Songnan Zhang, Jiajie Feng, Yan Zhang and Jianbo Wang*	<i>Org. Lett.</i> 2013 , <i>15</i> , 3730-3733.
83	Silver-Mediated Trifluoromethylation of Aryldiazonium Salts: Conversion of Amino Group into Trifluoromethyl Group	Xi Wang, Yan Xu, Fanyang Mo, Guojing Ji, Di Qiu, Jiajie Feng, Yuxuan Ye, Songnan Zhang, Yan Zhang and Jianbo Wang*	<i>J. Am. Chem. Soc.</i> 2013 , <i>135</i> , 10330-10333.
84	Synthesis of Aryltrimethylstannanes from Arylamines: A Sandmeyer-Type Stannylation Reaction	Di Qiu, He Meng, Liang Jin, Shuai Wang, Shengbo Tang, Xi Wang, Fanyang Mo, Yan Zhang* and Jianbo Wang*	<i>Angew. Chem. Int. Ed.</i> 2013 , <i>52</i> , 11581-11584.
85	Pd(II)-Catalyzed Direct Conversion of Methyl Arenes to Aryl Nitriles	Zhibin Shu, Yuxuan Ye, Yifan Deng, Yan Zhang* and Jianbo Wang*	<i>Angew. Chem. Int. Ed.</i> 2013 , <i>52</i> , 10573-10576.
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