

2017 年度实验室发表论文目录

序号	论文题目	作者	期刊及年卷页
1	Genetically Encoded Photoaffinity Histone Marks	Xie X, Li X, Qin F, Lin J, Zhang G, Zhao J, Bao X, Zhu R, Song H, Li X*, Chen P*	<i>J. Am. Chem. Soc.</i> 2017 , <i>139</i> , 6522-6525.
2	Genetically Encoded Releasable Photocrosslinking Strategies for Studying Protein-Protein Interactions in Living Cells	Yang Y, Song H, He D, Zhang S, Dai S, Xie X, Lin S, Hao Z, Zheng H, Chen P*	<i>Nat. Protocol.</i> 2017 , <i>12</i> , 2147-68.
3	Dissection of kinase isoforms via orthogonal and chemical inducible signaling cascades	Zheng S, Fan X, Wang J, Zhao J, Chen P*	<i>ChemBioChem.</i> 2017 , <i>18</i> , 1593-8.
4	Bioorthogonal Chemistry in Living Animals	Fan X, Li J, Chen P*	<i>Natl. Sci. Rev.</i> 2017 , <i>4</i> , 300-02.
5	Quantitative Time-Resolved Chemoproteomics Reveals that Stable O-GlcNAc Regulates Box C/D SnoRNP Biogenesis	Wei Qin, Pinou Lv, Xinqi Fan, Baiyi Quan, Yuntao Zhu, Ke Qin, Ying Chen, Chu Wang* and Xing Chen*	<i>Proc. Natl. Acad. Sci., USA</i> , 2017 , <i>114</i> , E6749-E6758.
6	Selective Imaging of Gram-Negative and Gram-Positive Microbiotas in the Mouse Gut	Wei Wang, Yuntao Zhu, Xing Chen*	<i>Biochemistry</i> 2017 , <i>56</i> , 3889-3893.
7	Expanding the Scope of Metabolic Glycan Labeling in Arabidopsis thaliana	Yuntao Zhu and Xing Chen*	<i>ChemBioChem</i> 2017 , <i>18</i> , 1286-1296.
8	[60]Fullerene-Based Macrocyclic Ligands	Yanbang Li, and Liangbing Gan*	<i>Chem. Eur. J.</i> 2017 , <i>23</i> , 10485-10490.
9	Hydrolysis-Initiated Domino Process on the Rim of Open-Cage C60 Derivatives Including Decarbonylation and Double Dehydration	Hao Zhang, Liang Xu, and Liangbing Gan*	<i>ChemPlusChem</i> 2017 , <i>82</i> , 1002-1005
10	Synthesis of homoazafullerene [C59N(CH2)]R and azahomoazafullerene [C59N(NH)]R	Dan Xu, Yanbang Li, Ning Lou and Liangbing Gan*	<i>Org. Chem. Front.</i> 2017 , <i>4</i> , 750-754.
11	Synthesis and Reactivity of Tetraalkoxyl[60]fullerene Epoxides C ₆₀ (O)(OR) ₄	Ning Lou, Liangbing Gan*	<i>Can. J. Chem.</i> 2017 , <i>95</i> , 292-297.
12	Synthesis of C ₇₀ -Based Fluorophores through Sequential Functionalization to Form Isomerically Pure Multiadducts	Ning Lou, Yanbang Li, and Liangbing Gan*	<i>Angew. Chem. Int. Ed.</i> 2017 , <i>56</i> , 2403-2407.
13	Controlled Synthesis of Nitrogen-Doped Graphene on Ruthenium from Azafullerene	Xiangmin Fei, Joshua Neilson, Yanbang Li,	<i>Nano Lett.</i> 2017 , <i>17</i> , 2887-2894.

		Vanessa Lopez, Simon J. Garrett, Liangbing Gan, Hong-Jun Gao, and Li Gao*	
14	ALKBH10B is An RNA N6-Methyladenosine Demethylase Affecting Arabidopsis Floral Transition	Hong-Chao Duan, Lian-Huan Wei, Chi Zhang, Ye Wang, Lin Chen, Zhike Lu, Peng R. Chen, Chuan He*, Guifang Jia*	<i>Plant Cell</i> 2017 , <i>30</i> , doi:10.1105/tpc.16.00912
15	Divergent Total Syntheses of (-)-Huperzine Q, (+)-Lycopladine B, (+)-Lycopladine C and (-)-epi-Lycopladine D	Hong, B.; Hu, D.; Wu, J.; Zhang, J.; Li, H.; Pan, Y.; Lei, X.*	<i>Chem. Asian J.</i> 2017 , <i>12</i> , 1557-1567.
16	Covalent Probe Finds Carboxylic Acid	Jones, A.; Zhang, X.; Lei, X.*	<i>Cell Chem. Biol.</i> 2017 , <i>24</i> , 537-538.
17	Discovery of a Highly Potent, Selective, and Metabolically Stable Inhibitor of Receptor-Interacting Protein 1 (RIP1) for the Treatment of Systemic Inflammatory Response Syndrome	Ren, Y.; Su, Y.; Su, L.; He, S.; Meng, L.; Liao, D.; Liu, X.; Ma, Y.; Liu, C.; Li, S.; Ruan, H.; Lei, X.; Wang, X.*; Zhang, Z.*	<i>J. Med. Chem.</i> 2017 , <i>60</i> , 972-986.
18	Identification of Spirobisnaphthalene Derivatives with Anti-tumor Activities from the Endophytic Fungus <i>Rhytidhysterium rufulum</i> AS21B	Siridechakorn, I.; Yue, Z.; Mittraphab, Y.; Lei, X.; Pudhom, K.*	<i>Bioorg. Med. Chem.</i> 2017 , <i>25</i> , 2878-2882.
19	Ultra-Specific Discrimination of Single-Nucleotide Mutations Using Sequestration-Assisted Molecular Beacons	Shichao Hu, Wei Tang, Yan Zhao, Na Li, Feng Liu*	<i>Chem. Sci.</i> 2017 , <i>8</i> , 1021-1026.
20	DNA Dendrimer–Streptavidin Nanocomplex: an Efficient Signal Amplifier for Construction of Biosensing Platforms	Yan Zhao, Shichao Hu, Huaming Wang, Kaiwen Yu, Yan Guan, Xiaoyun Liu, Na Li, Feng Liu*	<i>Anal. Chem.</i> 2017 , <i>89</i> , 6907-6914.
21	Universal and Enzyme-Free Immunoassay Platform for Biomarker Detection Based on Gold Nanoparticle Enumeration with a Dark-Field Microscope	Xi Wu, Tian Li, Guangyu Tao, Ruoyun Lin, Xiaojing Pei, Feng Liu, Na Li*	<i>Analyst</i> , 2017 , <i>142</i> , 4201-4205.
22	Analytical Methods Based on the Light-Scattering of Plasmonic Nanoparticles at the Single Particle Level with Dark-Field Microscopy Imaging	Tian. Li, Xi Wu, Feng Liu, Na Li*	<i>Analyst</i> , 2017 , <i>142</i> , 248-56.
23	Constructing a Robust Fluorescent DNA-Stabilized Silver Nanocluster Probe Module by Attaching a Duplex Moiety	Ruoyun Lin, Guangyu Tao, Yang Chen, Mingxing Chen, Feng Liu,	<i>Chem. Eur. J.</i> 2017 , <i>23</i> , 10893-10900.

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24	基于 G-四链体模板的银纳米簇共振能量转移比率检测 miRNA	林若韵, 陈阳, 陶广宇, 裴晓静, 刘锋, 李娜*	<i>化学学报</i> , 2017 , 75, 1103-1108.
25	基于功能性核酸识别的荧光各向异性分析方法与应用	吴熙, 裴晓静, 林若韵, 刘锋, 李娜*	<i>光谱学与光谱分析</i> , 2017 , 37, 13-21.
26	Facile Synthesis of Mesocrystalline SnO ₂ Nanorods on Reduced Graphene Oxide Sheets: An Appealing Multifunctional Affinity Probe for Sequential Enrichment of Endogenous Peptides and Phosphopeptides	Wen Ma, Feng Zhang, Liping Li, Shuai Chen, Liming Qi*, Huwei Liu, Yu Bai*	<i>ACS Applied Materials & Interfaces</i> 2016 , 51, 35099-35105.
27	Lipidomic Analysis of Plasma in Patients with Lacunar Infarction Using Normal-Phase/Reversed-Phase Two-Dimensional Liquid Chromatography–Quadrupole Time-Of-Flight Mass Spectrometry	Li Yang, Pu Lv, Wanpeng Ai, Linnan Li, Sensen Shen, Honggang Nie, Yabing Shan, Yu Bai, Yining Huang*, Huwei Liu*	<i>Anal Bioanal Chem</i> , 2017 , 409, 3211-3222
28	Fast Analysis of Glycosides Based on HKUST-1-Coated Monolith Solid-Phase Microextraction and Direct Analysis in Real-Time Mass Spectrometry	Xianjiang Li, Xin Wang, Wen Ma, Wanpeng Ai, Yu Bai, Li Ding* and Huwei Liu*	<i>J. Sep. Sci.</i> 2017 , 40, 1589-1596.
29	Rapid and Specific Luminescent Sensing of Cu(II) Ion with Porphyrinic Metal-Organic Framework, Rapid and Specific Luminescent Sensing of Cu(II) Ion with Porphyrinic Metal-Organic Framework	Linnan Li, Sensen Shen, Ruoyun Lin, Yu Bai and Huwei Liu*	<i>Chem. Comm.</i> 2017 , 53, 9986-9989.
30	New Strategy for Further Improving the Detection Sensitivity of Direct Analysis in Real Time Mass Spectrometry	Ze Li, Jialing Zhang, Yiwei Zhang, Yu Bai and Huwei Liu*	<i>J. Anal. Test</i> , 2017 , 1, 1-6.
31	A Plasma Lipidomics Reveals Perturbed Lipid Metabolism and Identifies Potential Lipid Biomarkers of Human Colorectal Cancer	Sensen Shen, Li Yang, Linnan Li, Cun Cai*, Yu Bai, Huwei Liu*	<i>J. Chromatogr. B</i> , 2017 , 1068-1069: 41-48.
32	Harnessing Surface-Functionalized Metal–Organic Frameworks for Selective Tumor Cell Capture,	Xiaoyue Qi, Ziyong Chang, Duo Zhang, Kellie J. Binder, Sensen Shen, Yan Yan Shery Huang, Yu Bai, Andrew E. H. Wheatley,* and Huwei Liu*	<i>Chem. Mater.</i> 2017 , 29: 8052-8056
33	Plasma Lipidomic Analysis of Plasma in Patients with Hepatocellular Carcinoma	Li Yang, Yu Bai, Xiaohong Han, Yuankai	<i>J. Anal. Test</i> , 2017 , 1, 223-232.

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34	Sphingolipids Profiling of Plasma in Patients with Diabetes Mellitus Associated with Atherosclerosis by a Novel Normal-Phase UPLC-QToF MS Method	Min Li, Li Yang, Yining Huang, Yu Bai, Huwei Liu*	<i>J. Anal. Test.</i> 2017 , <i>1</i> , 245-254
35	An Unexpected Aziridination/Rearrangement/Oxidation Tandem Reaction Leading to the Total Synthesis of (-)-Mersicarpine	Yun Zhang, Yibin Xue, Tuoping Luo*	<i>Tetrahedron</i> 2017 , <i>29</i> , 4201-4205.
36	Enantioselective Total Synthesis of (+)-Wortmannin	Yinling Guo, Tianfei Quan, Yandong Lu, Tuoping Luo*	<i>J. Am. Chem. Soc.</i> 2017 , <i>139</i> , 6815-6818.
37	Synthesis of (+)-Lysergol and Its Analogues to Access Serotonin Receptor Activity	Haosen Yuan, Zhixian, Guo, Tuoping Luo*	<i>Org. Lett.</i> 2017 , <i>19</i> , 624-627.
38	Total Syntheses of (-)-Hibiscone C and Lysergine: A Cyclization/Fragmentation Strategy	Yandong Lu, Haosen Yuan, Shijie Zhou, Tuoping Luo*	<i>Org. Lett.</i> 2017 , <i>19</i> , 620-623.
39	Simple β -Lactones are Potent Irreversible Antagonists for Strigolactone Receptors	Haibo Xiang, Ruifeng Yao, Tianfei Quan, Fei Wang, Li Chen, Xiaoxi Du, Wenhao Zhang, Haiteng Deng, Daoxin Xie, Tuoping Luo*	<i>Cell Res.</i> 2017 , <i>27</i> , 1525-1528.
40	Unraveling the Solution-State Supramolecular Structures of Donor-Acceptor Polymers and their Influence on Solid-State Morphology and Charge-Transport Properties	Yu-Qing Zheng, Ze-Fan Yao, Ting Lei, Jin-Hu Dou, Chi-Yuan Yang, Lin Zou*, Xiangyi Meng, Wei Ma, Jie-Yu Wang*, and Jian Pei*	<i>Adv. Mater.</i> 2017 , <i>29</i> , 1701072.
41	A Novel Solution-Processable n-Dopant Based on 1,4-Dihydropyridine Motif for High Electrical Conductivity of Organic Semiconductors	Ke Shi, Zuo-Yu Lu, Zi-Di Yu, Han-Yu Liu, Ye Zou, Chi-Yuan Yang, Ya-Zhong Dai, Yang Lu, Jie-Yu Wang*, and Jian Pei*	<i>Adv. Electron. Mater.</i> 2017 , <i>3</i> , 1700164.
42	Air- and Active Hydrogen-Induced Electron Trapping and Operational Instability in n-Type Polymer Field-Effect Transistors	Hio-Ieng Un, Yu-Qing Zheng, Ke Shi, Jie-Yu Wang*, and Jian Pei	<i>Adv. Funct. Mater.</i> 2017 , <i>27</i> , 1605058.
43	Efficient Modular Synthesis of Substituted Borazaronaphthalene	Fang-Dong Zhuang, Ji-Min Han, Sheng Tang, Jing-Hui Yang, Qi-Ran Chen, Jie-Yu Wang*, and Jian Pei*	<i>Organometallics</i> 2017 , <i>36</i> , 2479-2482.
44	5,5'-Diazaaisoindigo: An Electron-Deficient	Yang Lu, Yi Liu, Ya-	<i>Chem. Asian J.</i> 2017 ,

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45	An Imide-Based Pentacyclic Building Block for <i>n</i> -Type Organic Semiconductors	Fu-Peng Wu, Hio-Ieng Un, Yongxi Li*, Hailiang Hu, Yi Yuan, Bin Yang, Kai Xiao, Wei Chen, Jie-Yu Wang, Zuo-Quan Jiang*, Jian Pei, and Liang-Sheng Liao	<i>Chem. Eur. J.</i> 2017 , 23, 14723-14727.
46	Acenaphtho[1,2- <i>k</i>]fluoranthene-Fused Diimide Derivatives: An Investigation of the Relationship Between Molecular Structure and Device Performance	Ling Ding, Chi-Yuan Yang, Yu-Qing Zheng, Jie-Yu Wang, Jian Pei*, and Zhongmin Su*	<i>Asian J. Org. Chem.</i> 2017 , 6, 1231-1234.
47	Highly Efficient NIR-II Photothermal Conversion Based on an Organic Conjugated Polymer	Yuanyuan Cao, Jin-Hu Dou, Ning-jiu Zhao, Shiming Zhang, Yu-Qing Zheng, Jian-Ping Zhang, Jie-Yu Wang, Jian Pei*, and Yapei Wang*	<i>Chem. Mater.</i> 2017 , 29, 718-725.
48	Odd-Even Effect of Thiophene Chain Lengths on Excited State Properties in Oligo(thienyl ethynylene)-Cored Chromophores	Xian Wang, Guiying He, Yang Li, Zhuoran Kuang, Qianjin Guo, Jin-Liang Wang, Jian Pei*, and Andong Xia*	<i>J. Phys. Chem. C</i> 2017 , 121, 7659-7666.
49	Chemoproteomic Profiling of Bile Acid Interacting Proteins.	Zhuang, S.; Li, Q.; Cai, L.; Wang, C.*; Lei, X.*	<i>ACS Cent. Sci.</i> 2017 , 3, 501-509.
50	Chemoproteomic Profiling of Targets of Lipid-Derived Electrophiles by Bioorthogonal Aminooxy Probe	Chen, Y.; Cong, Y.; Quan, B.; Lan, T.; Chu, X.; Ye, Z.; Hou, X.; Wang, C.*	<i>Redox biology</i> 2017 , 12, 712-718.
51	Rh(II)- or Cu(I)-Catalyzed Formal Intramolecular Carbene Insertion into Vinylic C(sp ²)-H Bond: An Access toward Substituted 1 <i>H</i> Indenes	Qi Zhou, Shichao Li, Yan Zhang and Jianbo Wang *	<i>Angew. Chem. Int. Ed.</i> 2017 , 56, 16013-16017.
52	Recent Advances in the Synthesis of Aryl Nitrile Compounds	Guobing Yan,* Yan Zhang and Jianbo Wang*	<i>Adv. Synth. Cat.</i> 2017 , 359, 4068-4105.
53	Transition-Metal-Catalyzed Cross-Couplings through Carbene Migratory Insertion	Ying Xia, Di Qiu and Jianbo Wang*	<i>Chem. Rev.</i> 2017 , 117, 13810-13889.
54	Metal-Catalysed Rearrangement of Allenylsulfides to Furan: A Theoretical Mechanistic Approach	Michel Rajzmann,* Jianbo Wang and Stephane Humbel*	<i>Molecular Catalysis</i> 2017 , 443, 148-154.
55	Recent Advances in Catalytic Asymmetric Synthesis of Allenes	Wen-Dao Chu, Yan Zhang and Jianbo Wang*	<i>Catalysis Science & Technology</i> 2017 , 7,

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56	Palladium-Catalyzed [3+3] Annulation of Vinyl Chromium(0) Carbene Complexes via Carbene Migratory Insertion/Tsuji-Trost Reaction	Kang Wang, Yifan Ping, Taiwei Chang and Jianbo Wang*	<i>Angew. Chem. Int. Ed.</i> 2017 , <i>56</i> , 13140-13144.
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58	Cu(I)-Catalyzed Stereoselective Doyle-Kirmse Reaction	Zhe Sheng, Ming Ma, Lingling Peng, Zhikun Zhang, Changhu Chu,* Yan Zhang and Jianbo Wang*	<i>Chin. J. Org. Chem.</i> 2017 , <i>37</i> , 1730-1740.
59	Pd-Catalyzed Cross-Coupling of Terminal Alkynes with Chromium(0) Fischer Carbene Complexes	Kang Wang, Fengjin Wu, Yan Zhang and Jianbo Wang*	<i>Org. Lett.</i> 2017 , <i>19</i> , 2861-2864.
60	Recent Advances in Transition-Metal-Catalyzed Cross-Coupling Reactions with <i>N</i> -Tosylhydrazones	Di Qiu, Fanyang Mo, Yan Zhang and Jianbo Wang*	<i>Adv. Organomet. Chem.</i> 2017 , <i>67</i> , 151-219.
61	<i>N</i> -Tosylhydrazones: Versatile Synthons in the Construction of Cyclic Compounds	Ying Xia and Jianbo Wang*	<i>Chem. Soc. Rev.</i> 2017 , <i>46</i> , 2306-2362.
62	Cu(I)-Catalyzed Chemoselective Coupling of Cyclopropanols with Diazo Esters: Ring-Opening C-C Bond Formations	Hang Zhang, Guojiao Wu, Heng Yi, Tong Sun, Bo Wang, Yan Zhang, Guangbin Dong, Jianbo Wang*	<i>Angew. Chem. Int. Ed.</i> 2017 , <i>56</i> , 3945-3950.
63	Palladium-Catalyzed Formal [4+1] Annulation via Metal Carbene Migratory Insertion and C(sp ²)-H Bond Functionalization	Shuai Xu, Ri Chen, Zihao Fu, Qi Zhou, Yan Zhang, and Jianbo Wang*	<i>ACS Catal.</i> 2017 , <i>7</i> , 1993-1997.
64	Cu(I)-Catalyzed Three-Component Coupling of Trifluoromethyl Ketone <i>N</i> -Tosylhydrazones, Alkynes and Azides: Synthesis of Difluoromethylene Substituted 1,2,3-Triazoles	Zhikun Zhang, Qi Zhou, Weizhi Yu, Tianjiao Li, Yan Zhang and Jianbo Wang*	<i>Chin. J. Chem.</i> 2017 , <i>35</i> , 387-391.
65	Distal-Bond-Selective C-C Activation of Ring-Fused Cyclopentanones: An Efficient Access to Spiroindanones	Ying Xia, Jianbo Wang and Guangbin Dong*	<i>Angew. Chem. Int. Ed.</i> 2017 , <i>56</i> , 2376-2380.
66	Synthesis of Benzyltributylstannanes by the Reaction of <i>N</i> -Tosylhydrazones with Bu ₃ SnH	Di Qiu, Shuai Wang, He Meng, Shengbo Tang, Yan Zhang, and Jianbo Wang*	<i>J. Org. Chem.</i> 2017 , <i>82</i> , 624-632.

67	Palladium-Catalyzed Synthesis of Indoles and Isoquinolines with in-situ Generated Phosphinimine	Qi Zhou, Zhikun Zhang, Yujing Zhou, Shichao Li, Yan Zhang, and Jianbo Wang*	<i>J. Org. Chem.</i> 2017 , 82, 48-56.
68	Transition Metal-Catalyzed [2,3]-Sigmatropic Rearrangements of Ylides: an Update of the Most Recent Advances	Zhe Sheng, Zhikun Zhang, Changhu Chu, Yan Zhang and Jianbo Wang*	<i>Tetrahedron</i> 2017 , 73, 4011-4022.
69	Cu(I)-Catalyzed Cascade Reaction of <i>N</i> -Tosylhydrazones with 3-Butyn-1-ol: A New Synthesis of Tetrahydrofurans	Mohammad L. Hossain, Kang Wang, Fei Ye, Yan Zhang and Jianbo Wang*	<i>Chin. J. Catal.</i> 2017 , 38, 115-122.
70	Rh(I)-Catalyzed Arylation of α -Diazo Phosphonates with Aryl Boronic Acids: Synthesis of Diarylmethylphosphonates	Yujing Zhou, Yan Zhang and Jianbo Wang*	<i>Chin. J. Chem.</i> 2017 , 35, 621-627.
71	Synthesis of Di- and Triarylmethanes through Palladium-Catalyzed Reductive Coupling of <i>N</i> -Tosylhydrazones and Aryl Bromides	Yamu Xia, Fangdong Hu, Ying Xia, Zhenxing Liu, Fei Ye, Yan Zhang and Jianbo Wang*	<i>Synthesis</i> 2017 , 49, 1073-1086.
72	Dual Functionalization of White Phosphorus: Formation, Characterization, and Reactivity of Rare-Earth-Metal <i>Cyclo</i> -P ₃ Complexes	Shanshan Du, Jianhao Yin, Yue Chi, Ling Xu, and Wen-Xiong Zhang*	<i>Angew. Chem. Int. Ed.</i> 2017 , 56, 15886-15890.
73	Organocopper(III) Spiro Complexes: Synthesis, Structural Characterization, and Redox Transformation	Liang Liu, Miaomiao Zhu, Hai-Tao Yu, Wen-Xiong Zhang,* and Zhenfeng Xi*	<i>J. Am. Chem. Soc.</i> 2017 , 139, 13688-13691.
74	Synthesis and Structural Characterization of Butadienyl Calcium-based Heavy Grignard Reagents and Ca ₄ [O] Inverse Crown Ether Complex	Baosheng Wei, Liang Liu, Wen-Xiong Zhang,* and Zhenfeng Xi	<i>Angew. Chem. Int. Ed.</i> 2017 , 56, 9188-9192.
75	Formation and Ligand-Based Reductive Chemistry of Bridged Bis-alkylidene Scandium(III) Complexes	Wangyang Ma, Chao Yu, Yue Chi, Tianyang Chen, Lianjun Wang, Jianhao Yin, Baosheng Wei, Ling Xu, Wen-Xiong Zhang,* and Zhenfeng Xi	<i>Chem. Sci.</i> 2017 , 8, 6852-6856.
76	Spiro Metallaaromatics of Pd, Pt, Rh: Synthesis and Characterization	Yongliang Zhang, Junnian Wei, Yue Chi, Xuan Zhang, Wen-Xiong Zhang,* and Zhenfeng Xi*	<i>J. Am. Chem. Soc.</i> 2017 , 139, 5039-5042.
77	Metallacyclopentadienes: Synthesis, Structure and Reactivity	Wangyang Ma, Chao Yu, Tianyang Chen, Ling Xu, Wen-Xiong Zhang,* and Zhenfeng Xi	<i>Chem. Soc. Rev.</i> 2017 , 46, 1160-1192.

78	Aromatic Tetralithiodigalloles with a Ga–Ga Bond: Synthesis and Structural Characterization	Yongliang Zhang, Yue Chi, Junnian Wei, Qi Yang, Zhenqiang Yang, Hui Chen, Ruina Yang,* Wen-Xiong Zhang,* and Zhenfeng Xi*	<i>Organometallics</i> 2017 , <i>36</i> , 2982-2986.
79	Synthesis of Dibromo- and Tetrabromo-bipyrrolines and Their Corresponding 2,6-Diazasemibuvallene Derivatives	Zhe Huang, Ming Zhan, Shaoguang Zhang, Qian Luo, Wen-Xiong Zhang*, and Zhenfeng Xi*	<i>Org. Chem. Front.</i> 2017 , <i>4</i> , 1785-1788.
80	Synthesis of Quinoline Derivatives via Cu-catalyzed Cascade Annulation of Heterocumulenes, Alkynes and Diaryliodonium Salts	Yue Chi, Haihan Yan, Wen-Xiong Zhang,* and Zhenfeng Xi	<i>Org. Lett.</i> 2017 , <i>19</i> , 2694-2697.
81	CuOTf-Catalyzed Selective Generation of 2-Aminopyrimidines from Carbodiimides and Diaryliodonium Salts by a Triple C(sp ³)–H Functionalization	Yue Chi, Haihan Yan, Wen-Xiong Zhang,* and Zhenfeng Xi*	<i>Chem. Eur. J.</i> 2017 , <i>23</i> , 757-761.
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83	Direct Transformation of N ₂ to N-Containing Organic Compounds	Jiapeng, Li, Jianhao Yin, Chao Yu, Wen-Xiong Zhang, and Zhenfeng Xi*	<i>Acta Chim. Sinica</i> 2017 , <i>75</i> , 733-743.
84	Transition-Metal-Catalyzed Cleavage of Amide C–N Bonds	Tian-Yang Chen, and Wen-Xiong Zhang*	<i>Univ. Chem.</i> 2017 , <i>32</i> , 1-12.
85	Mechanistic Study of SmI ₂ -Mediated Reformatsky Reaction for Macrolactam Formation Using a Cyclopropyl Group as a Probe	S.-L. Yang, Y.-M. Xi, J.-H. Chen, Z. Yang	<i>Israel J. Org. Chem.</i> 2017 , <i>57</i> , 331
86	Biomimetically Inspired Asymmetric Total Synthesis of (+)-19-Dehydroxyl Arisandilactone A	Y.-X. Han, Y.-L. Jiang, Y. Li, H.-X. Yu, B.-Q. Tong, Z. Niu, S.-J. Zhou, S. Liu, Y. Lan, J.-H. Chen, Z. Yang	<i>Nat. Commun.</i> 2017 , <i>8</i> , 14233
87	Asymmetric Total Synthesis of Lancifodilactone G Acetate	D.-D. Liu, T.-W. Sun, K.-Y. Wang, Y. Lu, S.-L. Zhang, Y.-H. Li, Y.-L. Jiang, J.-H. Chen, Z. Yang	<i>J. Am. Chem. Soc.</i> 2017 , <i>139</i> , 5732
88	Catalytic and Enantioselective Diels–Alder	S.-L. Zhang, Y. Lu, Y.-H.	<i>Org. Lett.</i> , 2017 , <i>19</i> ,

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89	Asymmetric Total Synthesis of (-)-Clovan - 2,9-dione Using Rhodium(I)-Catalyzed [3+2+1] Cycloaddition of 1-Yne-vinylcyclopropane and CO	Jun Yang, Wenbo Xu, Qi Cui, Xing Fan, Lu-Ning Wang and Zhi-Xiang Yu*	<i>Org. Lett.</i> 2017 , <i>19</i> , 6040-6043.
90	Rhodium(I)-Catalyzed Bridged [5+2] Cycloaddition of cis-Allene-vinylcyclopropanes to Synthesize the Bicyclo[4.3.1.]decane Skeleton	Cheng-Hang Liu and Zhi-Xiang Yu*	<i>Angew. Chem. Int. Ed.</i> 2017 , <i>56</i> , 8667-8671.
91	Sigmatropic Proton Shifts: A Quantum Chemical Study	Yi Wang and Zhi-Xiang Yu*	<i>Org. Biomol. Chem.</i> 2017 , <i>15</i> , 7439-7446.
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