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				International Symposium on Novel Aromatic Compounds	

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			Springer Natural Products and Bioprospecting			
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<p>[2,3]-sigma</p> <p><i>Nat. Chem.</i> 2017, 9, 970</p> <p><i>J. Am. Chem. Soc.</i> 2014, 136, 3013 2016, 138, 14558</p> <p><i>J. Am. Chem. Soc.</i> 2016, 138, 60 2017, 139, 5039</p> <p><i>Angew. Chem. Int. Ed.</i> 2017, 56, 15886</p> <p>31</p> <p>8 (<i>Angew. Chem. Int. Ed.</i> 2017, 56, 13566), <i>Chem. Rev.</i> 2015, 115, 12045; 2017, 117, 13810</p>					
Å -	F Ò C0&	F Ò ~E	1b 6 Å F ' f	ÔPÂ Ú ø Ö ð Ž C (È C)	F Ò Ý+U ^a Ü
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J. Am. Chem. Soc. 2018, 140, 4712 *Chem. Sci.*

2018, 9, 2826

O-GlcNAc

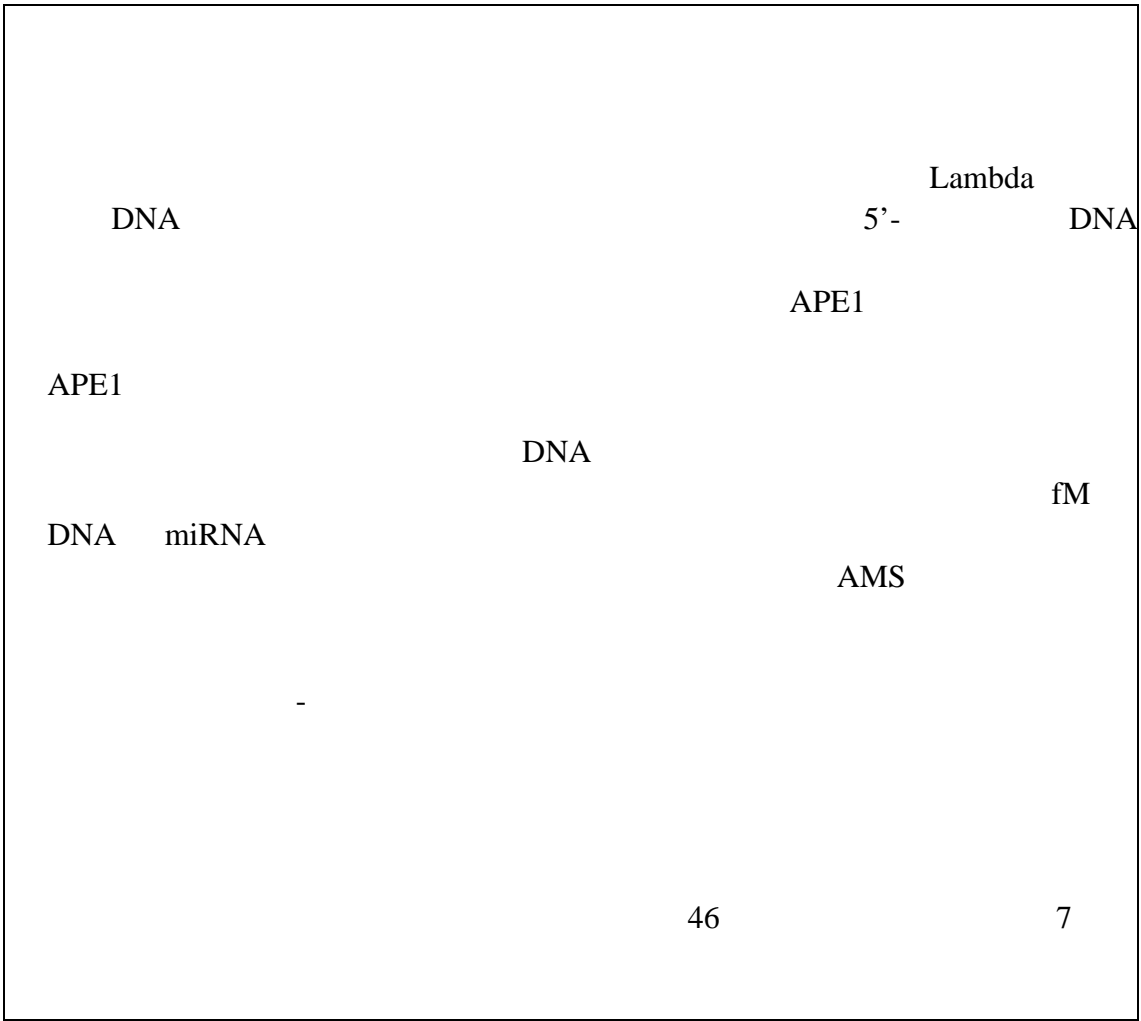
O-GlcNAc

PNAS

2017, 114, E6749; *Angew. Chem. Int. Ed.* 2018, 57, 1817; *ACS Chem. Biol.* 2018, 13, 1983 ;

PNAS 2017, 114 ,

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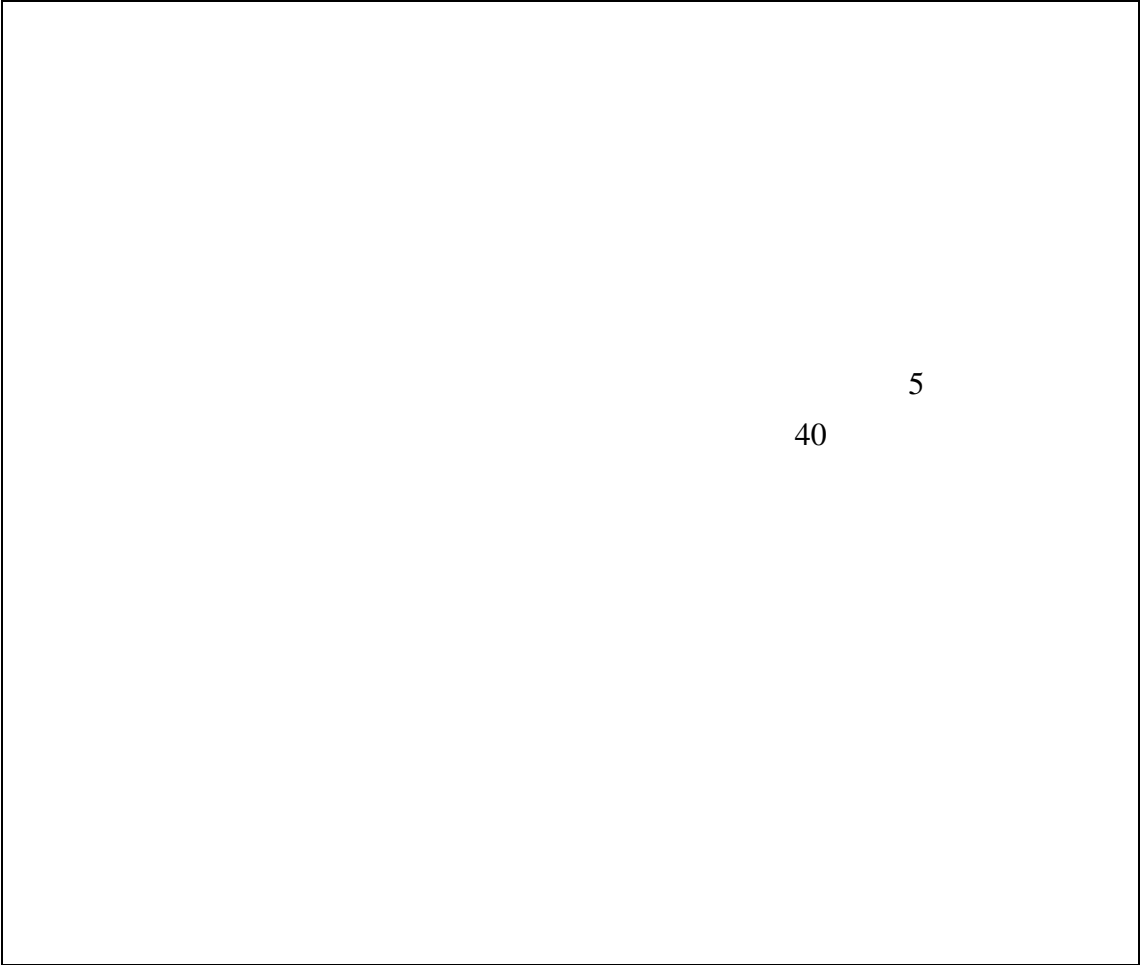
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1		2018YFA0 507600		2018.5-2023.4	2671	
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14		21625201		2017.1-2021.12	350	
15		21725201		2018.01-2022.12	350	
16		21322505		2014-2016	100	
17		21332002		2014.1-2018.12	340	
18		21232001		2013.1-2017.12	300	
19		21632002		2016.1-2021.12	300	
20		21432002		2015.1-2019.12	300	
21	*	31521004		2016.1-2021.1	160	
22	*	81490741		2015.1-2019.12	144	
23		21561142002		2015/10-2018/09	300	

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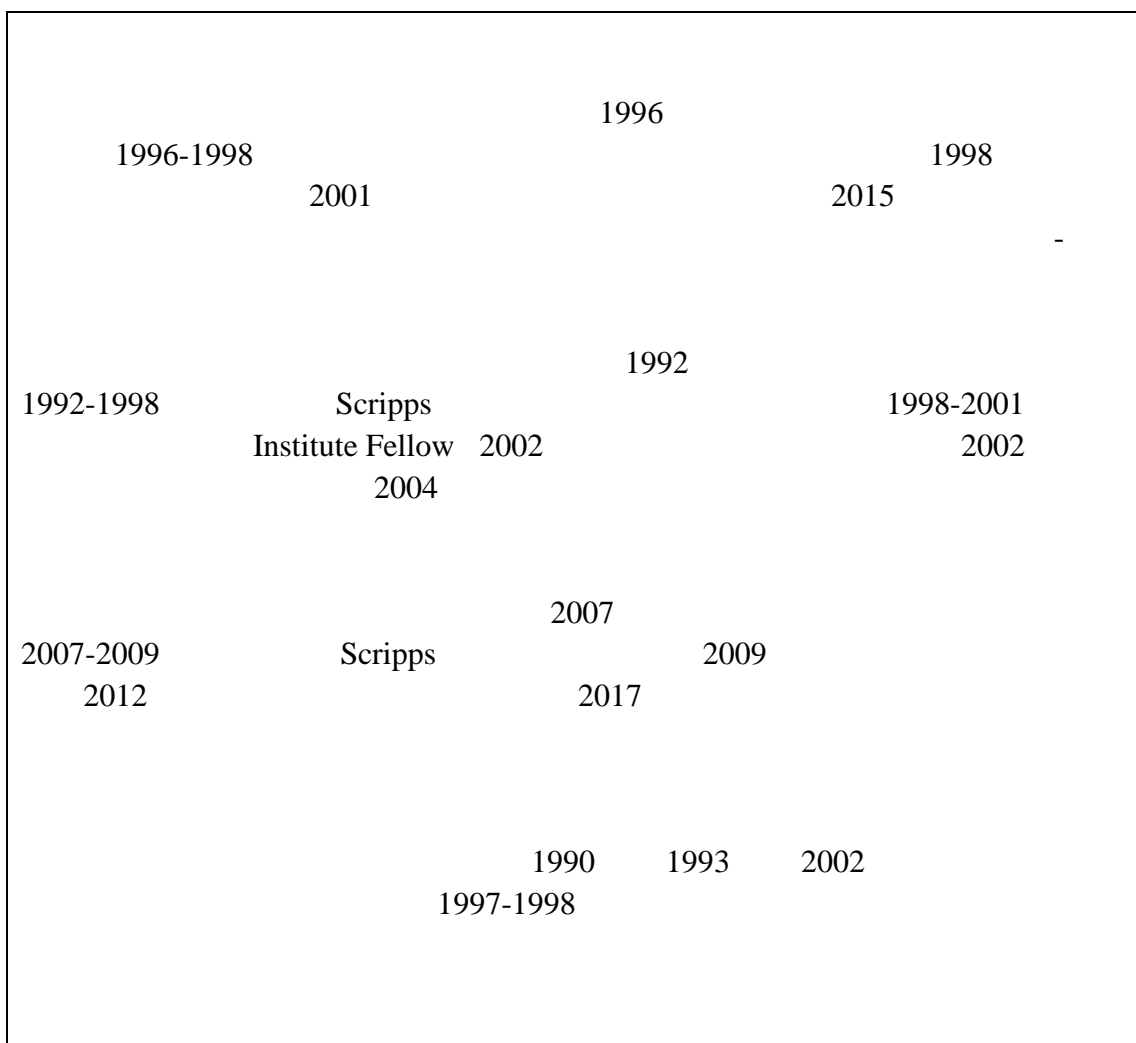
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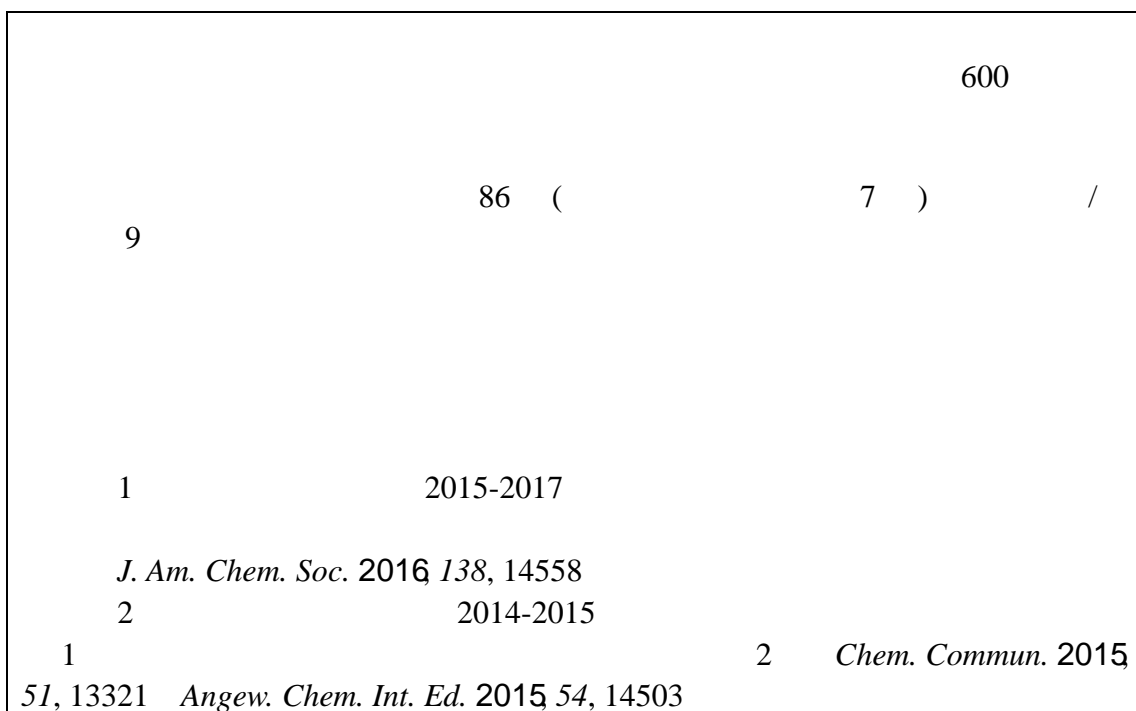
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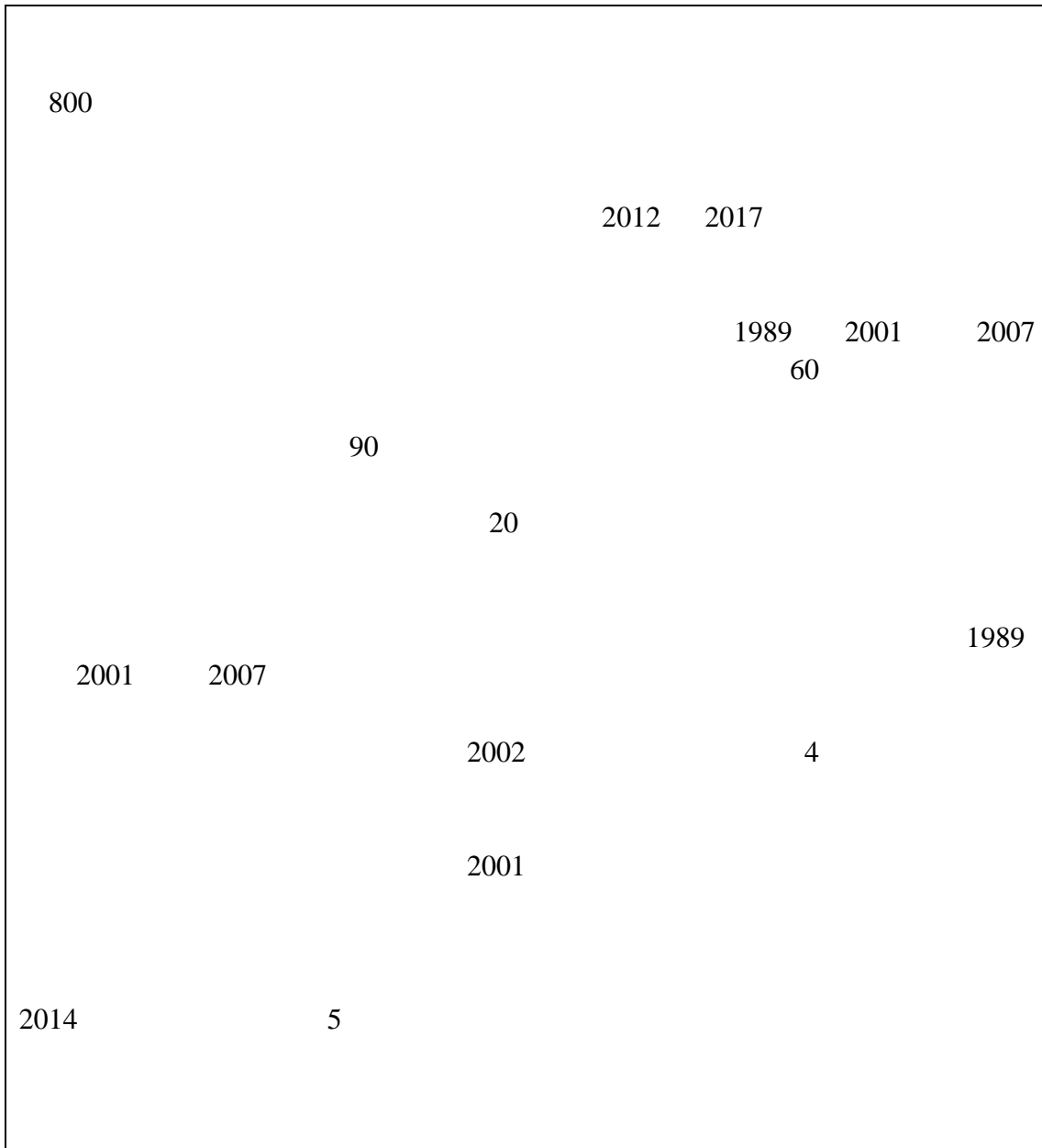
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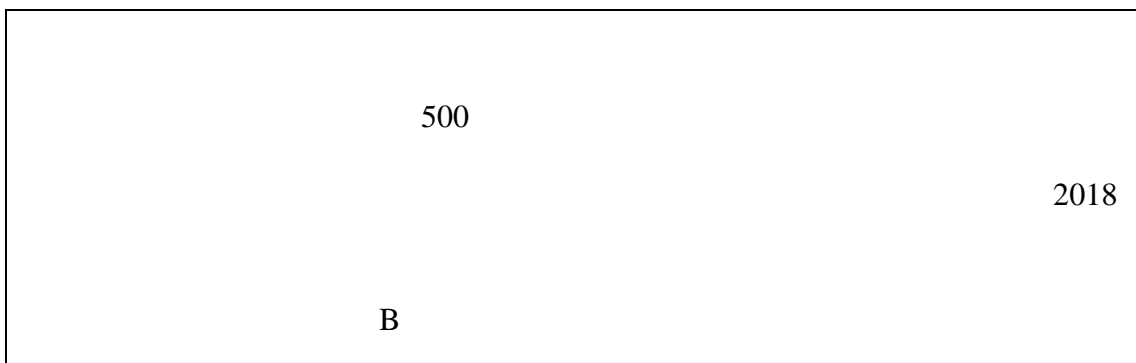
3	2014-2018	
E5896		<i>PNAS</i> 2018, 115,
4	Yuichiro Kadonaga,	, 2015-2018
	<i>Angew. Chem. Int. Ed.</i> 2019, 58, 10879	
(5)	Rabia Raza	, 2017-2018 /
	<i>Electrophoresis</i> 2018, 39, 2612	,

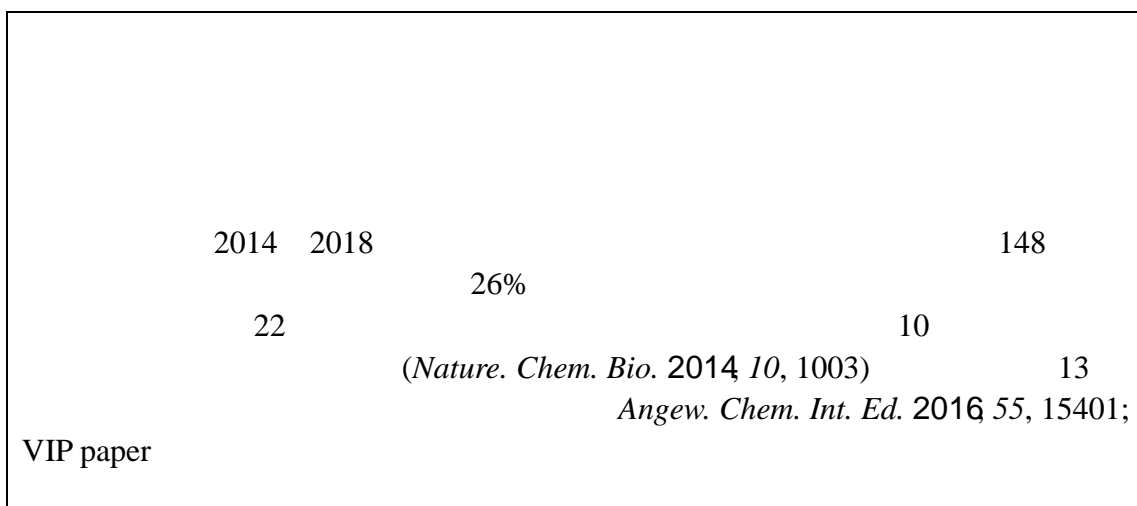
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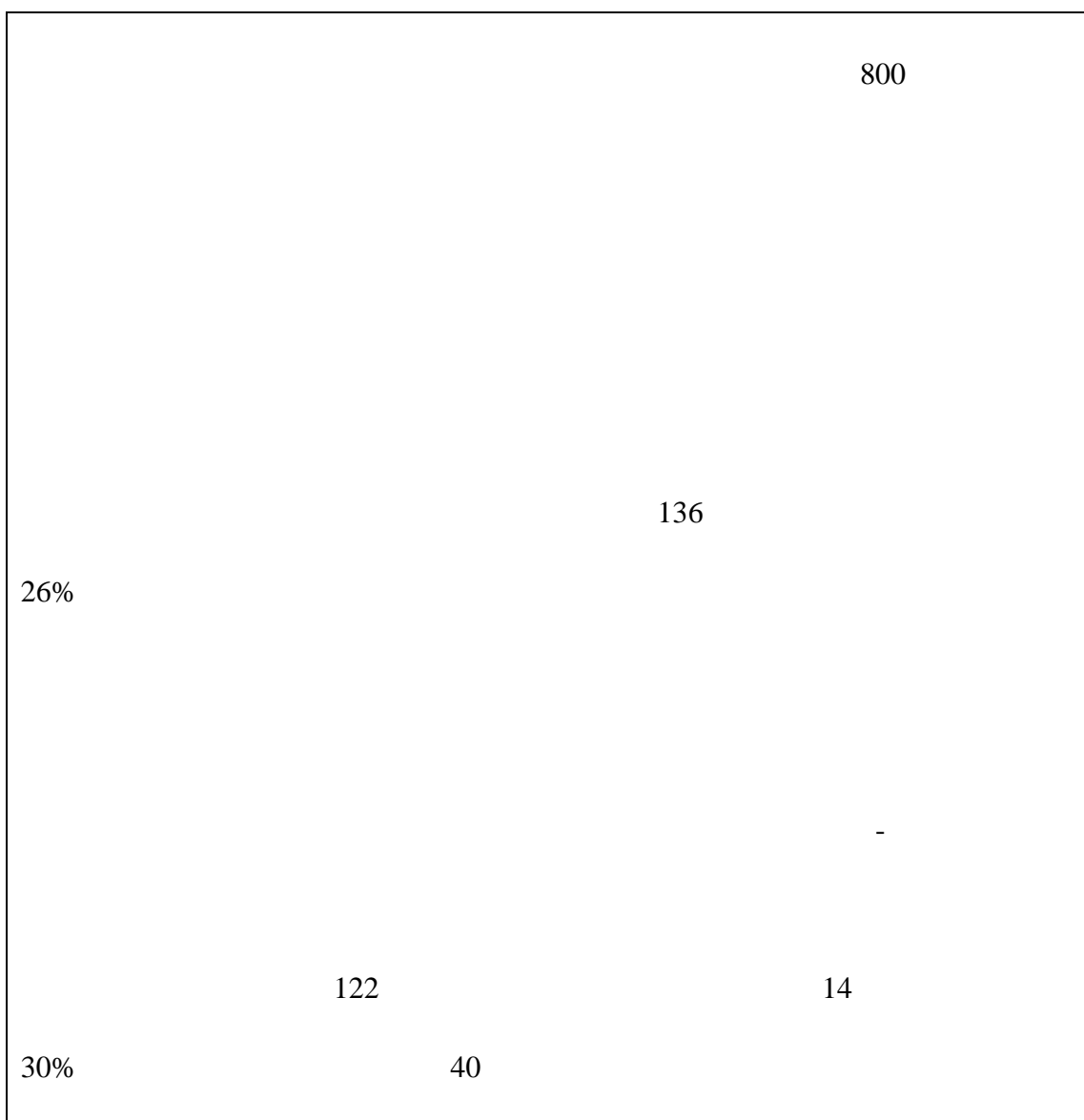
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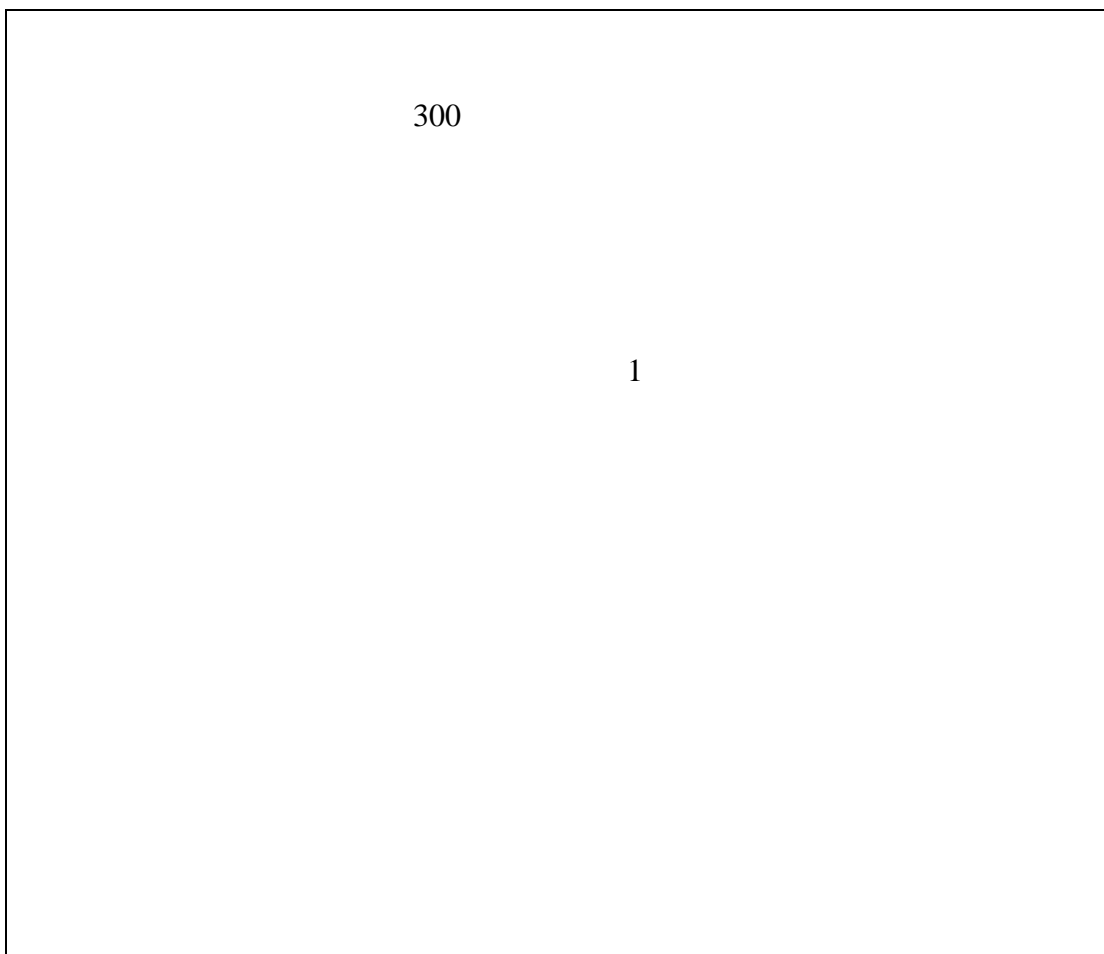


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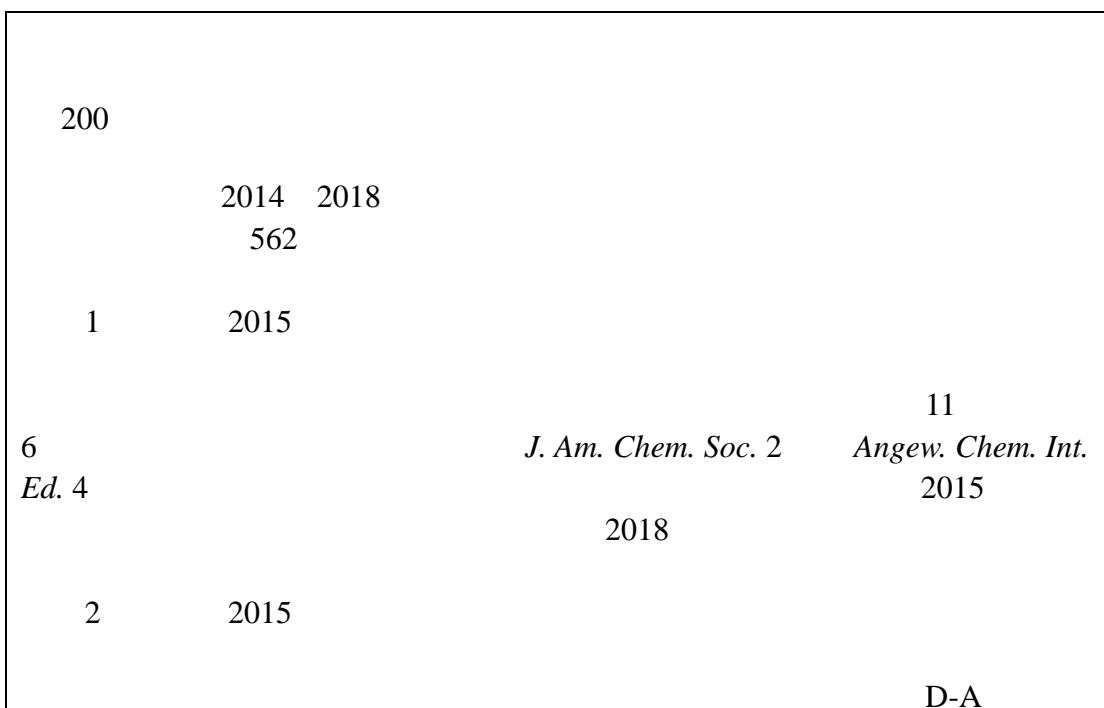
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		<i>Natl. Acad. Sci. USA</i>	1	,
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2			2015 PacificChem Congress.	2015	
3			22nd International Symposium on Electro- and Liquid Phase-Separation Techniques (ITP2015) and the 8th Nordic Separation Science symposium (NoSSS2015)	2015	
4			Sialoglycan 2016)	2016	
5			Gordon Research Conference Gordon	2018	

6			(OM&Cat-2006) OM&Cat	2016	
7			OM&Cat-2006 OM&Cat	2016	
8			The 30th Anniversary Symposium of The Protein Society The Protein Society	2016	
9			Gordan Gordan	2017	
10			ASM Microbe 2018 Symposium ASM	2018	

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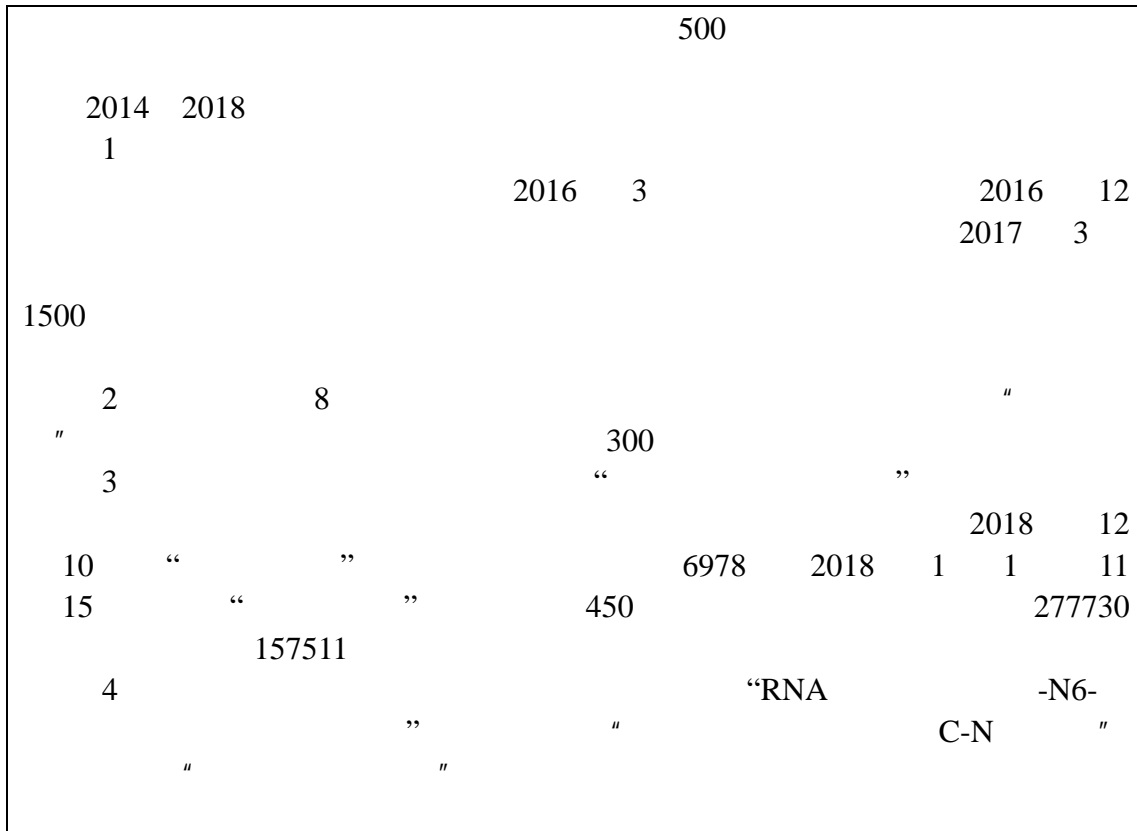
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Angew. Chem. Int. Ed. 2016, 55, 3112

Nat. Commun. 2016, 7, 12299; *PNAS*, 2017, E6749;

Angew. Chem. Int. Ed. 2018, 57, 1817 ;

Angew. Chem. Int. Ed. 2018, 57, 3949

2014 2018

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11						53				2002-
12						35				2013-
13						44	Organic Chemistry Frontiers		“ ”	2005-2016
14						41				2014-
15						56	Journal of Physical Organic Chemistry Organic Letters Tetrahedron/Tetrahedron Letters			1995-
16						52				1993-
17						55	Org. Lett.			1998-

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Natural Product
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Å -	C	2± Á	l a	œ f	6,0&	a U°	^ 3 » L œ e p ° 1 6, û ë	3 ì 4 Ý ð fAx H1• 9™@¿	>, PG ð f Ax H	^ Ô P Â Ú ' a L †
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19						49	Asian J. Org. Chem.			2005-
20						65				1994-
21						46				2007-
22						52				2002-
23						43				2009-2018
24						50	Applied Spectroscopy			2002-
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7				35				2012-2014
8				42			&	2012-2014
9				35				2012-2014
10	Francesca Columbo			38			UNIVERSITÀ DELL'INSUBRIA	2013-2014
11				35				2013-2014
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24	Sritama Bose			34			Indian Association for the Cultivation of	2013-2015

Å -	C	2± Á	Ja	ªUº	6,0&	3 a	' ¸ f	^ ÔPÂ Ú ' UL†
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31	Alexander Jones			31				2014-2017
32				33				2014-2016
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34				33				2014-2016
35	Yuichiro Kadonaga			35				2014-2018
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53	Chang Ee Ling			34				2016-2018

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90				43				2014.09-2015.06
91				38				2016.06-2017.06
92				38				2016.09-2017.06
93				38				2018.9-2019.7
94				53				2017.09-2018.06
95	Francesca Colombo			33				2012.10-2014.12
96	Katya Seldel							2017.05-2018.07
97	Young-Tae Chan			39				2015.07-2015.11

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2				56		Cell Cell Stem Cell			
3				56		Journal of Organic Chemistry Organic Syntheses Tetrahedron/Tetrahedron Letters Advanced Synthesis & Catalysis			
4				57		Journal of Physical Organic Chemistry Organic Letters Tetrahedron/Tetrahedron Letters			
5				59		Org. Chem. Front. Asian J. Org. Chem. Beilstein J. Org. Chem. Supramol. Chem.			

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9				52		Advances in Carbohydrate Chemistry and Biochemistry Organic Chemistry Frontiers Asian Journal of Organic Chemistry			
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58		2014		Pfizer	
59		2016		Abbott Laboratories	
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14		Swiss Chemical Society Distinguished Lectureship Award				M- %o •
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17		Thieme Chemistry Journal Award Georg Thieme Verlag				5••©
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21		ACS David Y. Gin New Investigator Award				L~ a
22		Asian Core Program Lectureship Award				žM=
23		Tetrahedron Young Investigator Award in Bioorganic and Medicinal Chemistry				M- ‰ •
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25		IGO Young Glycoscientist Award				L~ a
26		CAPA Biomatik Distinguished Faculty Award				L~ a
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1	Synergistic enzymatic and bioorthogonal reactions for selective prodrug activation in living systems	<i>Nat. Commun.</i>	2018 9, 5032.	SCI	<i>Yao Q, Lin F, Fan X, Wang Y, Liu Y, Liu Z, Jiang X, Chen P*, Gao Y*</i>
2	Protease-mediated protein quality control for bacterial acid resistance	<i>Cell Chem. Biol.</i>	2018, 2451-2456.	SCI	<i>He D, Zhang M, Liu S, Xie X, Chen P*</i>
3	Genetically encoded fluorescent sensors for measuring transition and heavy metals in biological systems	<i>Curr Opin Chem Biol.</i>	2018 43, 87-96.	SCI	<i>Hao Z, Zhu R, Chen P*</i>
4	Capture and Identification of RNA-binding Proteins by Using Click Chemistryassisted RNA-interactome Capture (CARIC) Strategy	<i>J. Vis. Exp.</i>	2018 140, e58580.	SCI	<i>Rongbing Huang, Mengting Han, Liying Meng, Xing Chen*</i>
5	Quantitative Profiling of Protein O-GlcNAcylation Sites by an	<i>ACS Chem. Biol.</i>	2018 13, 1983-1989.	SCI	<i>Ke Qin, Yuntao Zhu, Wei Qin, Jinjun Gao, Xuan Shao, Yan-ling</i>

	Isotope-Tagged Cleavable Linker				Wang, Wen Zhou, Chu Wang,* and Xing Chen*
6	Transcriptome-wide discovery of coding and noncoding RNA-binding proteins	<i>Proc. Natl. Acad. Sci. USA</i>	2018 115, E3879-E3887.	SCI	Rongbing Huang, Mengting Han, Liying Meng, and Xing Chen*
7	Metabolic glycan labeling-assisted discovery of cell-surface markers for primary neural stem and progenitor cells	<i>Chem. Comm.</i>	2018 54, 5486-5489.	SCI	Qing-Ran Bai, Lu Dong, Yi Hao, Xing Chen* and Qin Sher*
8	Antibiotics-based fluorescent probes for selective labeling of Gram-negative and Gram-positive bacteria in living microbiotas	<i>Sci. China Chem.</i>	2018 61, 792-796.		Wei Wang,* Xing Chen*
9	Mechanistic Investigation and Multiplexing of Liposome-Assisted Metabolic Glycan Labeling	<i>J. Am. Chem. Soc.</i>	2018 140, 3592-3602.	SCI	Yuting Sun, Senlian Hong, Ran Xie, Rongbing Huang, Ruoxing Lei, Bo Cheng, De-en Sun, Yifei Du, Corwin M. Nycholat, James C. Paulson, and Xing Chen*
10	Artificial Cysteine S-Glycosylation Induced by Per-O-Acetylated Unnatural Monosaccharides during Metabolic Glycan Labeling	<i>Angew. Chem. Int. Ed.</i>	2018 57, 1817-1820.	SCI	Wei Qin, Ke Qin, Xinqi Fan, Linghang Peng, Weiyao Hong, Yuntao Zhu, Pinou Lv, Yifei Du, Rongbing Huang, Mengting Han, Bo Cheng, Yuan Liu, Wen Zhou, Chu Wang,* and Xing

					Chen*
11	Hybrid Indicators for Fast and Sensitive Voltage Imaging	<i>Angew. Chem. Int. Ed.</i>	2018 57, 3949-3953.	SCI	Yongxian Xu, Luxin Peng, Sicong Wang, Anqi Wang, Ruirui Ma, Ying Zhou, Jiahe Yang, De-en Sun, Wei Lin, Xing Chen, and Peng Zou*
12	Material: Synthesis of an Open-Cage Fullerene Derivative Suitable for Encapsulation of H ₂ O ₂ and O ₂	<i>Angew. Chem. Int. Ed.</i>	2018 57, 14144-14148.	SCI	Yanbang Li, Ning Lou, Dan Xu, Changwang Pan, Xing Lu* and Liangbing Gan*
13	Synthesis of Pentapyrazolyl, Pentapyrrolyl, and Pentaanilino C ₆₀ Derivatives	<i>Synthesis</i>	2018 50, 4283-4289.	SCI	Ning Lou, Olga A. Kraevaya, Pavel A. Troshin, * Liangbing Gan*
14	Selective synthesis of [60]fullerene multiadducts through DCC (dicyclohexylcarbodiimide) mediated reactions	<i>Synlett</i>	2018 29, 1167-1170.	SCI	Hao Zhang, Yanbang Li, Liangbing Gan*
15	Synthesis of Metal Complexes with an Open-Cage Fullerene as the Ligand	<i>Chem. Eur .J.</i>	2018, 24, 451-457.	SCI	Zishuo Zhou, Nana Xin, and Liangbing Gan*
16	An elongation- and ligation-based qPCR amplification method for the radiolabeling-free detection of locus-specific N ⁶ -methyladenosine modification	<i>Angew. Chem. Int. Ed.</i>	2018 57, 15995-16000.	SCI	Yu Xiao, Ye Wang, Qian Tang, Lianhuan Wei, Xiao Zhang, Guifang Jia*
17	The m ⁶ A reader ECT2 controls trichome morphology by affecting mRNA stability in	<i>Plant Cell</i>	2018 30, 968-985.	SCI	Lian-Huan Wei, Peizhe Song, Ye Wang, Zhike Lu,

	Arabidopsis				<i>Qian Tang, Qiong Yu, Yu Xiao, Xiao Zhang, Hong-Chao Duan, Guifang Jia* .</i>
18	Reversible RNA modification N1-methyladenosine (m ¹ A) in mRNA and tRNA	<i>Genomics Proteomics & Bioinformatics</i>	2018 16, 155-161.	SCI	<i>Chi Zhang, Guifang Jia*</i>
19	Differential m ⁶ A, m ⁶ A _m , and m ¹ A Demethylation Mediated by FTO in the Cell Nucleus and Cytoplasm	<i>Mol. Cell.</i>	2018 71, 973-985.	SCI	<i>Jiangbo Wei, Fange Liu, Zhike Lu, Qili Fei, Yuxi Ai, P. Cody He, Hailing Shi, Xiaolong Cui, Rui Su, Arne Klungland, Guifang Jia, Jianjun Chen, Chuan He*</i>
20	Recent Developments and Applications of Photoconjugation Chemistry.	<i>Chimia</i>	2018 72, 782-790.	SCI	<i>Xiao F, Zhang X, Xiaoguang Lei*</i>
21	Chemoproteomic Profiling Reveals Ethacrynic Acid Targets Adenine Nucleotide Translocases to Impair Mitochondrial Function	<i>Mol. Pharm.</i>	2018 15, 2413-2422.	SCI	<i>Ye, Z.; Zhang, X.; Zhu, Y.; Song, T.; Chen, X.; Xiaoguang Lei*; Chu Wang*</i>
22	<i>ent</i> -Jungermannone C Triggers Reactive Oxygen Species-Dependent Cell Differentiation in Leukemia Cells	<i>J. Nat. Prod.</i>	2018 81, 298-306.	SCI	<i>Yue, Z.; Xiao, X.; Wu, J.; Zhou 562.03</i>

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24	Fawcettimine-Type Lycopodium Alkaloids as a Driving Force for Discoveries in Organic Synthesis	<i>Chem. Rec.</i>	2018 18, 543-554.	SCI	Li, H.; Xiaoguang Lei*
25	Combining Cooperativity with Sequestration: A Novel Strategy for Discrimination of Single Nucleotide Variants	<i>Chem. Commun.</i>	2018 54, 3223-3226.	SCI	Shichao Hu, Na Li, Feng Liu*
26	Ultra-specific multiplexed detection of low-abundance single-nucleotide variants by combining masking tactic with fluorescent nanoparticle counting	<i>Anal. Chem.</i>	2018 90, 4226-4233.	SCI	Xiaojing Pei, Tiancheng Lai, Guangyu Tao, Hu Hong, Feng Liu, and Na Li*
27	Multiplexed Detection of Attomole Nucleic Acids Using Fluorescent Nanoparticle Counting Platform	<i>Anal. Chem.</i>	2018 90, 1376-1383	SCI	Xiaojing Pei, Haoyan Yin, Tiancheng Lai, Junlong Zhang, Feng Liu, and Xiao Xu, Na Li*
28	A simple and non-amplification platform for femtomolar DNA and microRNA detection by combining automatic gold nanoparticle enumeration with target-induced strand-displacement	<i>Biosens. Bioelectron.</i>	2018 105, 137-142.	SCI	Tian Li, Xi Wu, Guangyu Tao, Haoyan Yin, Junlong Zhang, Feng Liu, Na Li*
29	How G-quadruplex topology and loop sequences affect optical properties of DNA-templated silver nanoclusters	<i>Nano Res.</i>	2018 11, 2237-2247.	SCI	Guangyu Tao, Yang Chen, Ruoyun Lin, Jiang Zhou, Xiaojing Pei, Feng Liu, Na Li*
30	Applications of metal-organic frameworks as advanced sorbents in biomacromolecules	<i>Trends in Anal. Chem.</i>	2018 109, 154-162	SCI	Wen Ma, Xianjiang Li, Yu Bai* and Huwei Liu*

	sample preparation				
31	Metal-organic frameworks induce autophagy in mouse embryonic fibroblast cells	<i>Nanoscale</i>	2018 10, 18161-18168.	SCI	Sensen Shen, Linnan Li, Songyue Li, Yu Bai* and Huwei Liu
32	Development of a fast CE method for high throughput screening of ecto-5-nucleotidase inhibitors	<i>Electrophoresis</i>	2018 39, 2612-2618.	SCI	Rabia Raza, Yu Bai and Huwei Liu *
33	Lipid metabolism in mouse embryonic fibroblast cells in response to autophagy induced by nutrient stress	<i>Anal. Chim. Acta</i>	2018 1037, 75-86.	SCI	Sensen Shen, Li Yang, Linnan Li, Yu Bai* and Huwei Liu
34	Facilely synthesized Eu ³⁺ -post-functionalized UiO-66-type metal-organic framework for rapid and highly selective detection of Fe ³⁺ in aqueous solution	<i>Sensors and Actuators B</i>	2018 267, 542-548.	SCI	Linnan Li, Sensen Shen, Wanpeng Ai, Shiyao Song, Yu Bai and Huwei Liu
35	A Versatile Integrated Ambient Ionization Source Platform	<i>J. Am. Soc. Mass Spectrom.</i>	2018 29, 1408-1415.	SCI	Wanpeng Ai, Honggang Nie, Shiyao Song, Xiaoyun Liu, Yu Bai* and Huwei Liu
36		:	2018 48, 207-214		, *, *
37	Metabolomic study of mouse embryonic fibroblast cells in response to autophagy based on high resolution gas chromatography-mass spectrometry	<i>Inter. J. Mass Spectrom.</i>	2018 434, 215-221	SCI	Sensen Shen, Linnan Li, Shiyao Song, Yu Bai*, Huwei Liu
38	Total Synthesis of Maoecrystal P: Application of a Strained Bicyclic Synthone	<i>Angew. Chem., Int. Ed.</i>	2018 57, 760-764.	SCI	Fan Su, Yandong Lu, Lingran Kong, Jingjing Liu, and Tuoping Luo*
39	Chemical proteomic profiling	<i>Chem Sci</i>	2018 9,	SCI	Nan Chen; Jinmin

	of protein N-homocysteinylation with a thioester probe		2826-2830.		<i>Liu; Zeyu Qiao; Yuan Liu; Yue Yang; Changtao Jiang; Xian Wang; Chu Wang*</i>
40	Quantitative Profiling of Protein Carbonylations in Ferroptosis by an Aniline-Derived Probe	<i>J. Am. Chem. Soc.</i>	2018 <i>140</i> , 4712-4720.	SCI	<i>Ying Chen; Yuan Liu; Tong Lan; Wei Qin; Yuntao Zhu; Ke Qin; Jinjun Gao; Haobo Wang; Xiaomeng Hou; Nan Chen; Jose Pedro Friedmann Angeli; Marcus Conrad; Chu Wang*</i>
41	Target discovery of ebselen with a biotinylated probe	<i>Chem. Commun.</i>	2018 <i>54</i> , 9506-9509.	SCI	<i>Zhenzhen Chen; Zhongyao Jiang; Nan Chen; Qian Shi; Lili Tong; Fanpeng Kong; Xiufen Cheng; Hao Chen; Chu Wang*; Bo Tang*</i>
42	Chemoproteomics reveals baicalin activates hepatic CPT1 to ameliorate diet-induced obesity and hepatic steatosis	<i>Proc. Natl. Acad. Sci. U. S. A.</i>	2018 <i>115</i> , E5896-E59 05.	SCI	<i>Jianye Dai; Kai Liang; Shan Zhao; Wentong Jia; Yuan Liu; Hongkun Wu; Jia Lv; Chen Cao; Tao Chen; Shentian Zhuang; Xiaomeng Hou; Shijie Zhou; Xiannian Zhang; Xiao-Wei Chen; Yanyi Huang; Rui-Ping Xiao; Yan-Ling Wang; Tuoping Luo; Junyu</i>

	Olefins from two Different Carbene Precursors				
50	Renaissance of Sandmeyer-Type Reactions: Conversion of Aromatic C-N Bonds into C-X Bonds (X = B, Sn, P, CF ₃)	<i>Acc. Chem. Res.</i>	2018 51, 496-506.	SCI	<i>Fanyang Mo,* Di Qiu, Yan Zhang and Jianbo Wang*</i>
51	Palladium-Catalyzed Oxygenative Cross-Coupling of Ynamides and Benzyl Bromides via Carbene Migratory Insertion	<i>Angew. Chem. Int. Ed.</i>	2018 57, 2716-2720.	SCI	<i>Yunpeng Gao, Guojiao Wu, Qi Zhou and Jianbo Wang*</i>
52	The Continuous Flow Reaction of Diazo Compounds	<i>Chin. J. Org. Chem.</i>	2018 38, 1275-1291.		

					<i>Lokman Hossain and Jianbo Wang*</i>
58	Pd-catalyzed oxidative cross-coupling of alkyl chromium(0) Fischer carbene complexes with organoboronic acids	<i>Chem. Asian J.</i>	2018 13, 3165-3168.	SCI	<i>Kang Wang, Jinghui Yang, Xingqi Yao and Jianbo Wang*</i>
59	Pd(0)-Catalyzed Four-Component Reaction of Aryl Halide, CO, <i>N</i> -Tosylhydrazone, and Amine	<i>Chem. Asian J.</i>	2018 13, 3658-3663.	SCI	<i>Yiyang Liu, Zhen Zhang, Songnan Zhang, Yan Zhang, Jianbo Wang,* and Zhenhua Zhang*</i>

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65	The Aromatic Dianion Metalloles	<i>Chem. Sci.</i>	2018, 9, 560-568.	SCI	Junnian Wei*, Wen-Xiong Zhang, and Zhenfeng Xi*
66	Selective Transformation of Well-defined Alkenyllithiums to Alkenylmagnesiums via Transmetalation	<i>Chem. Eur. J.</i>	2018, 24, 3186-3191.	SCI	Miaomiao Zhu, Liang Liu, Yongliang Zhang, Hai-Tao Yu, Wen-Xiong Zhang,* and Zhenfeng Xi*
67	Rhodium-Catalyzed Intramolecular Carbosilylation of Alkynes via C(sp ³)-Si Bond Cleavage	<i>Org. Chem. Front.</i>	2018, 5, 860-863.	SCI	Qi Yang, Liang Liu, Yue Chi, Wei Hao, Wen-Xiong Zhang,* and Zhenfeng Xi*
68	Formation of a Hexa-nuclear Octatetraenyl Organocopper(I) Aggregate via Oxidation of Spiro Butadienyl Organocuprate	<i>Organometallics</i>	2018, 37, 845-847.	SCI	Liang Liu, Miaomiao Zhu, Hai-Tao Yu, Wen-Xiong Zhang, and Zhenfeng Xi*
69	Lewis Acid-Promoted Ring-Contraction of 2,4,6,8-Tetrasubstituted 1,5-Diazacyclooctatetraenes to 2,4,6-Trisubstituted Pyridines	<i>Org. Lett.</i>	2018, 20, 485-488.	SCI	Zhe Huang, Wen-Xiong Zhang, and Zhenfeng Xi*
70	Transition-Metal-Catalyzed Guanylation Reaction of Amines with Carbodiimides Constructing Guanidines	<i>Chin. J. Org. Chem.</i>	2018, 38, 1341-1349.		Lianjun Wang, Yue Chi, Wen-Xiong Zhang,* and Zhenfeng Xi
71	Gold(I)-Catalyzed 1,2-Migration of a SiMe ₃ Group on Naphthalene Rings	<i>Chin. J. Org. Chem.</i>	2018, 38, 272-276.		Qi Yang, Liang Liu, Wen-Xiong Zhang, and Zhenfeng Xi*
72	Cyclobutadiene Sandwich Complexes of Nickel and Iron from Cyclization of 1,3-Butadiene Dianions:	<i>Organometallics</i>	2018, 37, 4100-4104.	SCI	Chao Yu, Wen-Xiong Zhang, and Zhenfeng Xi*

	Synthesis and Structural Characterization				
73	Asymmetric Total Syntheses of Insulicolide A, 14-O-Acetylinsulicolide A, 6,9 - Dihydroxy-14-p-nitrobenzoylcinnamolide, and 7,14-Dihydroxy-6-p-nitrobenzoyl- confertifolin	<i>Org. Lett.</i>	2018,20, 4298-4301	SCI	Lai, Y.; Zhang, N.; Zhang, Y.; Jiahua Chen,* Zhen Yang*
74	Asymmetric Total Synthesis of Lancifodilactone G Acetate. 2. Final Phase and Completion of the Total Synthesis	<i>J. Org. Chem.</i>	2018,83, 6907-6923	SCI	Wang, K.-Y.; Liu, D.-D.; Sun, T.-W.; Lu, Y.; Zhang, S.-L.; Li, Y.-H.; Han, Y.-X.; Liu, H.-Y.; Peng, C.; Wang, Q.-Y.; Jiahua Chen,* Zhen Yang*
75	Asymmetric Total Synthesis of Lancifodilactone G Acetate. 1. Diastereoselective Synthesis of CDEFGH Ring System	<i>J. Org. Chem.</i>	2018,83, 6893-6906	SCI	Sun, T.-W.; Liu, D.-D.; Wang, K.-Y.; Tong, B.-Q.; Xie, J.-X.; Jiang, Y.-L.; Li, Y.; Zhang, B.; Liu, Y.-F.; Wang, Y.-X.; Zhang, J.-J.; Jiahua Chen,* Zhen Yang*
76	Total Synthesis of Sinensilactam A	<i>Org. Lett.</i>	2018,20, 1857-1860	SCI	Shao, W.; Huang, J.; Guo, K.; Gong, J. ;* Zhen Yang*
77	Total Syntheses of Crinipellins Enabled by Cobalt Mediated and Palladium Catalyzed Intramolecular Pauson–Khand Reactions	<i>Angew. Chem. Int. Ed.</i>	2018,57, 8744-8748	SCI	Huang, Z.; Huang, J.; Qu, Y.; Zhang, W.; Gong, J. ;* Zhen Yang*
78	Diversity-Oriented Synthesis of Natural Products via	<i>Synlett</i>	2018,29, 1552-1571	SCI	Gu, Y.; Tan, C.; Gong, J. ;* Zhen

	Gold-Catalyzed Cascade Reactions				Yang*
79	Total Synthesis of (\pm)-5-epi-Cyanthiwigin I via an Intramolecular Pauson–Khand Reaction as the Key Step	<i>Org. Lett.</i>	2018,20, 2876-2879	SCI	<i>Chang, Y.; Shi, L.; Huang, J.; Shi, L.; Zhang, Z.; Hao, H.-D.; Gong, J.;</i> * Zhen Yang*
80	Formal Total Synthesis of Hybocarpone Enabled by Visible-Light-Promoted Benzannulation	<i>J. Org. Chem.</i>	2018 83, 15524-15532	SCI	<i>Chen W., Guo R., Zhen Yang,* Gong J.*</i>
81	Rh(I)-Catalyzed Intramolecular [3+2] Cycloaddition of trans-2-Allene-Vinylcyclopropanes	<i>Synlett.</i>	2018 29, 764-768	SCI	<i>Cheng-Hang Liu and Zhi-Xiang Yu*</i>
82	Intra- versus Intermolecular Carbon-to-Carbon Proton Transfers in the Reactions of Arynes with Nitrogen Nucleophiles: A DFT Study	<i>J. Org. Chem.</i>	2018 83, 5384-5391	SCI	<i>Yi Wang and Zhi-Xiang Yu*</i>
83	Formal Insertion of Imines (or Nitrogen Heteroarenes) and Arynes into the C–Cl Bond of Carbon Tetrachloride	<i>Org. Lett.</i>	2018 20, 4545-4548	SCI	<i>Sheng-Jun Li, Yi Wang, Jing-Kun Xu, Dong Xie, Shi-Kai Tian,* and Zhi-Xiang Yu*</i>
84	TfOH and HBF ₄ Mediated Formal Cycloisomerizations and [4+3] Cycloadditions of Allene-Alkynylbenzenes	<i>J. Org. Chem.</i>	2018 83, 7633-7647	SCI	<i>Yu Xiang, Zining Li, Lu-Ning Wang, and Zhi-Xiang Yu*</i>
85	Rh ^I -Catalyzed Intramolecular [3+2] Cycloaddition of 1-Allene-vinylcyclopropanes	<i>Asian J. Org. Chem.</i>	2018 7, 1609-1613	SCI	<i>Cheng-Hang Liu, Feng Li, Yuan Yuan, Meng Dou, and Zhi-Xiang Yu*</i>
86	Rhodium(II)-catalysed generation of cycloprop-1-en-1-yl ketones	<i>Chem. Commun.</i>	2018 54, 9513-9516	SCI	<i>Kostiantyn O. Marichev, Yi Wang, Alejandra M.</i>

	and their rearrangement to 5-aryl-2-siloxyfurans				<i>Carranco, Estevan C. Garcia, Zhi-Xiang Yu,* and Michael P. Doyle*</i>
87	Two-Fold C–H/C–H Cross-Coupling Using RhCl ₃ ·3H ₂ O as the Catalyst: Direct Fusion of N-(Hetero)arylimidazolium Salts and (Hetero)arenes	<i>J. Am. Chem. Soc.</i>	2018, 140, 12566-12573	SCI	<i>Zhijie She, Yi Wang, Deping Wang, Yinsong Zhao, Tianbao Wang, Xuesong Zheng, Zhi-Xiang Yu,* Ge Gao,* and Jingsong You*</i>
88	Rhodium-Catalyzed [4+2+1] Cycloaddition of In Situ Generated Ene/Yne-Ene-Allenenes and CO	<i>Angew. Chem. Int. Ed.</i>	2018, 140, 15544-15548	SCI	<i>Zi-You Tian, Qi Cui, Cheng-Hang Liu, and Zhi-Xiang Yu*</i>
89	Copper-catalyzed Intramolecular Annulation of Conjugated Enynones to Substituted 1 <i>H</i> -Indenes and Mechanistic Studies	<i>J. Org. Chem.</i>	2018, 83, 13243-13255	SCI	<i>Chao Pei, Guang-Wei Rong, Zhi-Xiang Yu,* and Xin-Fang Xu*</i>
90	Simultaneous multiple single nucleotide polymorphism detection based on click chemistry combined with DNA-encoded probes	<i>Chem. Sci.</i>	2018, 9, 3335-3340	SCI	<i>Qian-Yu Zhou, Fang Yuan, Xiao-Hui Zhang, Ying-Lin Zhou* and Xin-Xiang Zhang*</i>
91	Highly-sensitive detection of eight typical fluoroquinolone antibiotics by capillary electrophoresis-mass spectroscopy coupled with immunoaffinity extraction	<i>RSC Adv.</i>	2018, 8, 4063-4071	SCI	<i>Xiao-Hui Zhang, Yan Deng, Ming-Zhe Zhao, Ying-Lin Zhou* and Xin-Xiang Zhang*</i>
92	Metal-ion-responsive bionanocomposite for selective and reversible enzyme inhibition	<i>J. Am. Chem. Soc.</i>	2018, 140, 16925-16928	SCI	<i>Junqiu Zhai, Muhua Zhao, Xiangjian Cao, Mengyuan Li*, and Meiping Zhao*</i>

93	Noncanonical substrate preference of lambda exonuclease for 5'-nonphosphate-ended dsDNA and a mismatch-induced acceleration effect on the enzymatic reaction	<i>Nucleic Acids Res.</i>	2018 46, 3119-3129	SCI	Tongbo Wu, Yufei Yang, Wei Chen, Jiayu Wang, Ziyu Yang, Shenlin Wang, Xianjin Xiao, Mengyuan Li, and Meiping Zhao*
94	DNA terminal structure-mediated enzymatic reaction for ultra-sensitive discrimination of single nucleotide variations in circulating cell-free DNA	<i>Nucleic Acids Res.</i>	2018 46, e24	SCI	Tongbo Wu, Wei Chen, Ziyu Yang, Haocheng Tan, Jiayu Wang, Xianjin Xiao, Mengyuan Li, and Meiping Zhao*
95	Beyond fluorescent proteins: hybrid and bioluminescent indicators for imaging neural activities	<i>ACS. Chem. Neurosci.</i>	2018 9, 639-650	SCI	A. Wang, J. Feng, Y. Li, and PengZou*
96	Hybrid indicators for fast and sensitive voltage imaging	<i>Angew. Chem. Int. Ed.</i>	2018,130, 4013-4017	SCI	Y. Xu, L. Peng, S. Wang, A. Wang, R. Ma, Y. Zhou, J. Yang, D. E. Sun, W. Lin, Xing Chen, and PengZou*
97	Genetically Encoded Photoaffinity Histone Marks	<i>J. Am. Chem. Soc.</i>	2017, 139, 6522-6525.	SCI	Xie X, Li X, Qin F, Lin J, Zhang G, Zhao J, Bao X, Zhu R, Song H, Li X*, Peng R.Chen*
98	Genetically Encoded Releasable Photocrosslinking Strategies for Studying Protein-Protein Interactions in Living Cells	<i>Nat. Protocol.</i>	2017, 12, 2147-68.	SCI	Yang Y, Song H, He D, Zhang S, Dai S, Xie X, Lin S, Hao Z, Zheng H, Peng R. Chen*
99	Dissection of kinase isoforms via orthogonal and chemical inducible signaling cascades	<i>ChemBioChem.</i>	2017, 18, 1593-8.	SCI	Zheng S, Fan X, Wang J, Zhao J, Peng R.Chen*

100	Bioorthogonal Chemistry in Living Animals	<i>Natl. Sci. Rev.</i>	2017, 4, 300-02.	SCI	<i>Fan X, Li J, Peng R, Chen*</i>
101	Quantitative Time-Resolved Chemoproteomics Reveals that Stable O-GlcNAc Regulates Box C/D SnoRNP Biogenesis	<i>Proc. Natl. Acad. Sci., USA,</i>	2017,114, E6749-E6758.	SCI	<i>Wei Qin, Pinou Lv, Xinqi Fan , Baiyi Quan , Yuntao Zhu , Ke Qin , Ying Chen, Chu Wang* and Xing Chen*</i>
102	Selective Imaging of Gram-Negative and Gram-Positive Microbiotas in the Mouse Gut	<i>Biochemistry</i>	2017, 56, 3889-3893.	SCI	<i>Wei Wang, Yuntao Zhu, Xing Chen*</i>
103	Expanding the Scope of Metabolic Glycan Labeling in <i>Arabidopsis thaliana</i>	<i>ChemBioChem</i>	2017, 18, 1286–1296	SCI	<i>Yuntao Zhu and Xing Chen*</i>
104	[60]Fullerene-Based Macrocyclic Ligands	<i>Chem. Eur. J.</i>	2017, 23, 10485-10490.	SCI	<i>Yanbang Li, and Liangbing Gan*</i>
105	Hydrolysis-Initiated Domino Process on the Rim of Open-Cage C ₆₀ Derivatives Including Decarbonylation and Double Dehydration	<i>ChemPlusChem</i>	2017, 82, 1002-1005	SCI	<i>Hao Zhang, Liang Xu, and Liangbing Gan*</i>
106	Synthesis of homoazafullerene [C ₅₉ N(CH ₂) ₁₀]R and azahomoazafullerene [C ₅₉ N(NH)]R	<i>Org. Chem. Front.</i>	2017, 4, 750-754.	SCI	<i>Dan Xu, Yanbang Li, Ning Lou and Liangbing Gan*</i>
107	Synthesis and Reactivity of Tetraalkoxyl[60]fullerene Epoxides C ₆₀ (O)(OR) ₄	<i>Can. J. Chem.</i>	2017, 95, 292-297.	SCI	<i>Ning Lou, Liangbing Gan*</i>
108	Synthesis of C ₇₀ -Based Fluorophores through Sequential Functionalization to Form Isomerically Pure Multiadducts	<i>Angew. Chem. Int. Ed.</i>	2017, 56, 2403-2407.	SCI	<i>Ning Lou, Yanbang Li, and Liangbing Gan*</i>
109	Controlled Synthesis of	<i>Nano Lett.</i>	2017, 17,	SCI	<i>Xiangmin Fei,</i>

	Nitrogen-Doped Graphene on Ruthenium from Azafullerene		2887-2894.	<i>Joshua Neilson, Yanbang Li, Vanessa Lopez, Simon J. Garrett, Liangbing Gan, Hong-Jun Gao, and Li Gao*</i>
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110 ALKBH10B is An RNA
 N6-Methyladenosine
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	Immunoassay Platform for Biomarker Detection Based on Gold Nanoparticle Enumeration with a Dark-Field Microscope		4201-4205.		<i>Guangyu Tao, Ruoyun Lin, Xiaojing Pei, Feng Liu, Na Li*</i>
117	Analytical Methods Based on the Light-Scattering of Plasmonic Nanoparticles at the Single Particle Level with Dark-Field Microscopy Imaging	<i>Analyst</i>	2017, 142, 248-56.	SCI	<i>Tian Li, Xi Wu, Feng Liu, Na Li*</i>
118	Constructing a Robust Fluorescent DNA-Stabilized Silver Nanocluster Probe Module by Attaching a Duplex Moiety	<i>Chem. Eur. J.</i>	2017, 23, 10893-10900.	SCI	<i>Ruoyun Lin, Guangyu Tao, Yang Chen, Mingxing Chen, Feng Liu, Na Li*</i>

	Spectrometry				
123	Fast Analysis of Glycosides Based on HKUST-1-Coated Monolith Solid-Phase Microextraction and Direct Analysis in Real-Time Mass Spectrometry	<i>J. Sep. Sci.</i>	2017, 40, 1589-1596.	SCI	<i>Xianjiang Li, Xin Wang, Wen Ma, Wanpeng Ai, Yu Bai, Li Ding* and Huwei Liu*</i>
124	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	<i>Chem. Comm.</i>	2017, 53, 9986-9989.	SCI	<i>Linnan Li, Sensen Shen, Ruoyun Lin, Yu Bai and Huwei Liu*</i>
125	New Strategy for Further Improving the Detection Sensitivity of Direct Analysis in Real Time Mass Spectrometry	<i>J. Anal. Test</i>	2017, 1, 1-6.	SCI	<i>Ze Li, Jialing Zhang, Yiwei Zhang, Yu Bai and Huwei Liu*</i>
126	A Plasma Lipidomics Reveals Perturbed Lipid Metabolism and Identifies Potential Lipid Biomarkers of Human Colorectal Cancer	<i>J. Chromatogr. B</i>	2017, 1068-1069 : 41-48.	SCI	<i>Sensen Shen, Li Yang, Linnan Li, Cun Cai*, Yu Bai, Huwei Liu*</i>
127	Harnessing Surface-Functionalized Metal–Organic Frameworks for Selective Tumor Cell Capture,	<i>Chem. Mater.</i>	2017, 29: 8052-8056	SCI	<i>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>
128	Plasma Lipidomic Analysis of Plasma in Patients with	<i>J. Anal. Test</i>	2017, 1, 223-232.	SCI	<i>Li Yang, Yu Bai, Xiaohong Han,</i>

	Hepatocellular Carcinoma				<i>Yuankai Shi, Huwei Liu *</i>
129	Sphingolipids Profiling of Plasma in Patients with Diabetes Mellitus Associated with Atherosclerosis by a Novel Normal-Phase UPLC-QToF MS Method	<i>J. Anal. Test.</i>	2017, 1, 245-254	SCI	<i>Min Li, Li Yang, Yining Huang, Yu Bai, Huwei Liu *</i>
130	An Unexpected Aziridination/Rearrangement/Oxidation Tandem Reaction Leading to the Total Synthesis of (–)-Mersicarpine	<i>Tetrahedron</i>	2017, 29, 4201-4205.	SCI	<i>Yun Zhang, Yibin Xue, Tuoping Luo*</i>
131	Enantioselective Total Synthesis of (+)-Wortmannin	<i>J. Am. Chem. Soc.</i>	2017, 139, 6815-6818.	SCI	<i>Yinling Guo, Tianfei Quan, Yandong Lu, Tuoping Luo*</i>
132	Synthesis of (+)-Lysergol and Its Analogues to Access Serotonin Receptor Activity	<i>Org. Lett.</i>	2017, 19, 624-627.	SCI	<i>Haosen Yuan, Zhixian Guo, Tuoping Luo*</i>
133	Total Syntheses of (–)-Hibiscone C and Lysergine: A Cyclization/Fragmentation Strategy	<i>Org. Lett.</i>	2017, 19, 620-623.	SCI	<i>Yandong Lu, Haosen Yuan, Shijie Zhou, Tuoping Luo*</i>
134	Simple γ -Lactones are Potent Irreversible Antagonists for Strigolactone Receptors	<i>Cell Res.</i>	2017, 27, 1525-1528.	SCI	<i>Haibo Xiang, Ruifeng Yao, Tianfei Quan, Fei Wang, Li Chen, Xiaoxi Du, Wenhao Zhang, Haiteng Deng, Daoxin Xie, Tuoping Luo*</i>
135	Chemoproteomic Profiling of Bile Acid Interacting Proteins.	<i>ACS Cent. Sci.</i>	2017, 3, 501-509.	SCI	

	Targets of Lipid-Derived Electrophiles by Bioorthogonal Aminoxy Probe		712-718.		Quan, B.; Lan, T.; Chu, X.; Ye, Z.; Hou, X.; Chu Wang*
137	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	<i>Angew. Chem. Int. Ed.</i>	2017, 56, 16013-16017.	SCI	Qi Zhou, Shichao Li, Yan Zhang and Jianbo Wang*
138	Recent Advances in the Synthesis of Aryl Nitrile Compounds	<i>Adv. Synth. Cat.</i>	2017, 359, 4068-4105.	SCI	Guobing Yan,* Yan Zhang and Jianbo Wang*
139	Transition-Metal-Catalyzed Cross-Couplings through Carbene Migratory Insertion	<i>Chem. Rev.</i>	2017, 117, 13810-13889.	SCI	Ying Xia, Di Qiu and Jianbo Wang*
140	Metal-Catalysed Rearrangement of Allenylsulfides to Furan: A Theoretical Mechanistic Approach	<i>Molecular Catalysis</i>	2017, 443, 148-154.	SCI	Michel Rajzmann,* Jianbo Wang and Stephane Humbel*
141	Recent Advances in Catalytic Asymmetric Synthesis of Allenes	<i>Catal. Sci. Tech.</i>	2017, 7, 4570-4579.	SCI	Wen-Dao Chu, Yan Zhang and Jianbo Wang*
142	Palladium-Catalyzed [3+3] Annulation of Vinyl Chromium(0) Carbene Complexes via Carbene Migratory Insertion/Tsuji-Trost Reaction	<i>Angew. Chem. Int. Ed.</i>	2017, 56, 13140-13144.	SCI	Kang Wang, Yifan Ping, Taiwei Chang and Jianbo Wang*
143	Catalytic Asymmetric Trifluoromethylthiolation via Enantioselective [2,3]-Sigmatropic Rearrangement of Sulfonium ylides	<i>Nature Chem.</i>	2017, 9, 970-976.	SCI	Zhikun Zhang, Zhe Sheng, Weizhi Yu, Guojiao Wu, Rui Zhang, Wen-Dao Chu, Yan Zhang and Jianbo Wang*
144	Cu(I)-Catalyzed	<i>Chin. J. Org. Chem.</i>	2017, 37,	SCI	Zhe Sheng, Ming

	Stereoselective Doyle-Kirmse Reaction		1730-1740.		<i>Ma, Lingling Peng, Zhikun Zhang, Changhu Chu,* Yan Zhang and Jianbo Wang*</i>
145	Pd-Catalyzed Cross-Coupling of Terminal Alkynes with Chromium(0) Fischer Carbene Complexes	<i>Org. Lett.</i>	2017, 19, 2861-2864.	SCI	<i>Kang Wang, Fengjin Wu, Yan Zhang and Jianbo Wang*</i>
146	Recent Advances in Transition-Metal-Catalyzed Cross-Coupling Reactions with <i>N</i> -Tosylhydrazones	<i>Adv. Organomet. Chem.</i>	2017, 67, 151-219.	SCI	<i>Di Qiu, Fanyang Mo, Yan Zhang and Jianbo Wang*</i>
147	<i>N</i> -Tosylhydrazones: Versatile Synthons in the Construction of Cyclic Compounds	<i>Chem. Soc. Rev.</i>	2017, 46, 2306-2362.	SCI	<i>Ying Xia and Jianbo Wang*</i>
148	Cu(I)-Catalyzed Chemoselective Coupling of Cyclopropanols with Diazo Esters: Ring-Opening C-C Bond Formations	<i>Angew. Chem. Int. Ed.</i>	2017, 56, 3945-3950.	SCI	<i>Hang Zhang, Guojiao Wu, Heng Yi, Tong Sun, Bo Wang, Yan Zhang, Guangbin Dong, Jianbo Wang*</i>
149	Palladium-Catalyzed Formal [4+1] Annulation via Metal Carbene Migratory Insertion and C(sp ²)-H Bond Functionalization	<i>ACS Catal.</i>	2017, 7, 1993-1997.	SCI	<i>Shuai Xu, Ri Chen, Zihao Fu, Qi Zhou, Yan Zhang, and Jianbo Wang*</i>
150	Cu(I)-Catalyzed Three-Component Coupling of Trifluoromethyl Ketone <i>N</i> -Tosylhydrazones, Alkynes and Azides: Synthesis of Difluoromethylene Substituted 1,2,3-Triazoles	<i>Chin. J. Chem.</i>	2017, 35, 387-391.		<i>Zhikun Zhang, Qi Zhou, Weizhi Yu, Tianjiao Li, Yan Zhang and Jianbo Wang*</i>
151	Distal-Bond-Selective C-C Activation of Ring-Fused	<i>Angew. Chem. Int. Ed.</i>	2017, 56, 2376-2380.	SCI	<i>Ying Xia, Jianbo Wang and Guangbin</i>

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152	Synthesis of Benzyltributylstannanes by the Reaction of <i>N</i> -Tosylhydrazones with Bu ₃ SnH	<i>J. Org. Chem.</i>	2017, 82, 624-632.	SCI	Di Qiu, Shuai Wang, He Meng, Shengbo Tang, Yan Zhang, and Jianbo Wang*
153	Palladium-Catalyzed Synthesis of Indoles and Isoquinolines with in-situ Generated Phosphinimine	<i>J. Org. Chem.</i>	2017, 82, 48-56.	SCI	Qi Zhou, Zhikun Zhang, Yujing Zhou, Shichao Li, Yan Zhang, and Jianbo Wang*
154	Transition Metal-Catalyzed [2,3]-Sigmatropic Rearrangements of Ylides: an Update of the Most Recent Advances	<i>Tetrahedron</i>	2017, 73, 4011-4022.	SCI	Zhe Sheng, Zhikun Zhang, Changhu Chu, Yan Zhang and Jianbo Wang*
155	Cu(I)-Catalyzed Cascade Reaction of <i>N</i> -Tosylhydrazones with 3-Butyn-1-ol: A New Synthesis of Tetrahydrofurans	<i>Chin. J. Catal.</i>	2017, 38, 115-122.		Mohammad L. Hossain, Kang Wang, Fei Ye, Yan Zhang and Jianbo Wang*
156	Rh(I)-Catalyzed Arylation of α -Diazo Phosphonates with Aryl Boronic Acids: Synthesis of Diarylmethylphosphonates	<i>Chin. J. Chem.</i>	2017, 35, 621-627.		Yujing Zhou, Yan Zhang and Jianbo Wang*
157	Synthesis of Di- and Triarylmethanes through Palladium-Catalyzed Reductive Coupling of <i>N</i> -Tosylhydrazones and Aryl Bromides	<i>Synthesis</i>	2017, 49, 1073-1086.	SCI	Yamu Xia, Fangdong Hu, Ying Xia, Zhenxing Liu, Fei Ye, Yan Zhang and Jianbo Wang*
158	Dual Functionalization of White Phosphorus: Formation, Characterization, and Reactivity of Rare-Earth-Metal <i>Cyclo</i> -P ₃ Complexes	<i>Angew. Chem. Int. Ed.</i>	2017, 56, 15886-15890.	SCI	Shanshan Du, Jianhao Yin, Yue Chi, Ling Xu, and Wen-Xiong Zhang*

159	Organocopper(III) Spiro Complexes: Synthesis, Structural Characterization, and Redox Transformation	<i>J. Am. Chem. Soc.</i>	2017, 139, 13688-13691.	SCI	Liang Liu, Miaomiao Zhu, Hai-Tao Yu, Wen-Xiong Zhang,* and Zhenfeng Xi*
160	Synthesis and Structural Characterization of Butadienyl Calcium-based Heavy Grignard Reagents and Ca ₄ [O] Inverse Crown Ether Complex	<i>Angew. Chem. Int. Ed.</i>	2017, 56, 9188-9192.	SCI	Baosheng Wei, Liang Liu, Wen-Xiong Zhang,* and Zhenfeng Xi
161	Formation and Ligand-Based Reductive Chemistry of Bridged Bis-alkylidene Scandium(III) Complexes	<i>Chem. Sci.</i>	2017, 8, 6852-6856.	SCI	Wangyang Ma, Chao Yu, Yue Chi, Tianyang Chen, Lianjun Wang, Jianhao Yin, Baosheng Wei, Ling Xu, Wen-Xiong Zhang,* and Zhenfeng Xi
162	Spiro Metallaaromatics of Pd, Pt, Rh: Synthesis and Characterization	<i>J. Am. Chem. Soc.</i>	2017, 139, 5039-5042.	SCI	Yongliang Zhang, Junnian Wei, Yue Chi, Xuan Zhang, Wen-Xiong Zhang,* and Zhenfeng Xi*
163	Metallacyclopentadienes: Synthesis, Structure and Reactivity	<i>Chem. Soc. Rev.</i>	2017, 46, 1160-1192.	SCI	Wangyang Ma, Chao Yu, Tianyang Chen, Ling Xu, Wen-Xiong Zhang,* and Zhenfeng Xi
164	Aromatic Tetralithiodigalloles with a Ga–Ga Bond: Synthesis and Structural Characterization	<i>Organometallics</i>	2017, 36, 2982-2986.	SCI	Yongliang Zhang, Yue Chi, Junnian Wei, Qi Yang, Zhenqiang Yang,

					<i>Hui Chen, Ruina Yang,* Wen-Xiong Zhang,* and Zhenfeng Xi*</i>
165	Synthesis of Dibromo- and Tetrabromo-bipyrrolines and Their Corresponding 2,6-Diazasemibuvallene Derivatives	<i>Org. Chem. Front.</i>	2017, 4, 1785-1788.	SCI	<i>Zhe Huang, Ming Zhan, Shaoguang Zhang, Qian Luo, Wen-Xiong Zhang*, and Zhenfeng Xi*</i>
166	Synthesis of Quinoline Derivatives via Cu-catalyzed Cascade Annulation of Heterocumulenes, Alkynes and Diaryliodonium Salts	<i>Org. Lett.</i>	2017, 19, 2694-2697.	SCI	<i>Yue Chi, Haihan Yan, Wen-Xiong Zhang,* and Zhenfeng Xi</i>
167	CuOTf-Catalyzed Selective Generation of 2-Aminopyrimidines from Carbodiimides and Diaryliodonium Salts by a Triple C(sp ³) H Functionalization	<i>Chem. Eur. J.</i>	2017, 23, 757-761.	SCI	<i>Yue Chi, Haihan Yan, Wen-Xiong Zhang,* and Zhenfeng Xi*</i>
168	Formation of Cyclopenta[c]pyridine Derivatives from 2,5-Disubstituted Pyrroles and 1,4-Dibromo-1,3-butadienes via Pyrrole-Ring One-Carbon Expansion	<i>Org. Lett.</i>	2017, 19, 138-141.	SCI	<i>Jianhao Yin, Qingyu Ye, Wei Hao, Shuaijing Du, Yucheng Gu, Wen-Xiong Zhang,* and Zhenfeng Xi*</i>
169	Direct Transformation of N ₂ to N-Containing Organic Compounds	<i>Acta Chim. Sinica</i>	2017, 75, 733-743.		<i>Jiapeng, Li, Jianhao Yin, Chao Yu, Wen-Xiong Zhang, and Zhenfeng Xi*</i>
170	Transition-Metal-Catalyzed Cleavage of Amide C-N Bonds	<i>Univ. Chem.</i>	2017, 32, 1-12.		<i>Tian-Yang Chen, and Wen-Xiong Zhang*</i>

171	Mechanistic Study of SmI ₂ -Mediated Reformatsky Reaction for Macrolactam Formation Using a Cyclopropyl Group as a Probe	<i>Israel J. Org. Chem.</i>	2017, 57, 331	SCI	S.-L. Yang, Y.-M. Xi, Jiahua Chen,* Zhen Yang*
172	Biomimetically Inspired Asymmetric Total Synthesis of (+)-19-Dehydroxyl Arisandilactone A	<i>Nat. Commun.</i>	2017, 8, 14233	SCI	Y.-X. Han, Y.-L. Jiang, Y. Li, H.-X. Yu, B.-Q. Tong, Z. Niu, S.-J. Zhou, S. Liu, Y. Lan, Jiahua Chen,* Zhen Yang*
173	Asymmetric Total Synthesis of Lancifodilactone G Acetate	<i>J. Am. Chem. Soc.</i>	2017, 139, 5732	SCI	D.-D. Liu, T.-W. Sun, K.-Y. Wang, Y. Lu, S.-L. Zhang, Y.-H. Li, Y.-L. Jiang, Jiahua Chen,* Zhen Yang*
174	Catalytic and Enantioselective Diels–Alder Reactions of (E)-4-Oxopent-2-enoates	<i>Org. Lett.</i>	2017, 19, 3986.	SCI	S.-L. Zhang, Y. Lu, Y.-H. Li, K.-Y. Wang, Jiahua Chen,* Zhen Yang*
175	Asymmetric Total Synthesis of (–)-Clovan -2,9-dione Using Rhodium(I)-Catalyzed [3+2+1] Cycloaddition of 1-Yne-vinylcyclopropane and CO	<i>Org. Lett.</i>	2017, 19, 6040-6043.	SCI	Jun Yang, Wenbo Xu, Qi Cui, Xing Fan, Lu-Ning Wang and Zhi-Xiang Yu*
176	Rhodium(I)-Catalyzed Bridged [5+2] Cycloaddition of cis-Allene -vinylcyclopropanes to Synthesize the Bicyclo[4.3.1.]decane Skeleton	<i>Angew. Chem. Int. Ed.</i>	2017, 56, 8667-8671.	SCI	Cheng-Hang Liu and Zhi-Xiang Yu*
177	Sigmatropic Proton Shifts: A Quantum Chemical Study	<i>Org. Biomol. Chem.</i>			

	Catalyst-Free Dynamic Covalent Polyurethanes		8678-8684.		Zhang, Huan Zhang, Ning Zhao*, Zhi-Xiang Yu* and Jian Xu*
179	Carbanion Translocations via Intramolecular Proton Transfer: A Quantum Chemical Study	<i>J. Org. Chem.</i>	2017, 82, 4604-4612.	SCI	Yi Wang, Pei-Jun Cai and Zhi-Xiang Yu*
180	An Enyne Cycloisomerization/[5+1] Reaction Sequence to Synthesize Tetrahydroisoquinolinones from Enyne-enes and CO	<i>Chem. Commun.</i>	2017, 53, 2158-2161.	SCI	Zhe Zhuang, Chen-Long Li, Yu Xiang, Yu-Hao Wang and Zhi-Xiang Yu*

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1,3,5-Triazines Leading to

181 Functionalized Pyrimidines as Diels-Alder/Retro-Diels-Alder

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Liensinine

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193	Genetically Encoded Protein Photocrosslinker with a Transferable Mass Spectrometry-Identifiable Label	<i>Nat. Commun.</i>	2016 7, 12299.	SCI	Y. Yang, D. He, S. Zhang, S. Lin, S. Dai, H. Song, R. Meng, Chu Wang,* Peng R.Chen*
194	Development and Application of Bond Cleavage Reactions in Bioorthogonal Chemistry	<i>Nat. Chem. Biol.</i>	2016 12, 129-137	SCI	Jie Li, Peng R. Chen*
195	Genetically Encoded Photocrosslinkers for Identifying and Mapping Protein-Protein Interactions in Living Cells	<i>IUBMB Life</i>	2016 68, 879-886.	SCI	Y. Yang, H. Song, Peng R.Chen*
196	Nitrilase-Activatable Noncanonical Amino Acid Precursors for Cell-Selective Metabolic Labeling of Proteomes	<i>ACS Chem. Biol.</i>	2016 11, 3273-3277.	SCI	Z. Li, Y. Zhu, Y. Sun, K. Qin, W. Liu, W. Zhou, Xing Chen*
197	Metabolic Labeling and Imaging of N-Linked Glycans in Arabidopsis Thaliana	<i>Angew. Chem. Int. Ed</i>	2016 55, 9301-9305.	SCI	Zhu, Y.; Wu, J.; Xing Chen*
198	In Vivo Metabolic Labeling of Sialoglycans in the Mouse Brain By Using A Liposome-Assisted Bioorthogonal Reporter Strategy	<i>Proc. Natl. Acad. Sci. USA</i>	2016 113, 5173-5178.	SCI	R. Xie, L. Dong, Y. Du, Y. Zhu, R. Hua, C. Zhang, Xing Chen*
199	Near-Infrared Light Activation of Proteins Inside Living Cells Enabled by Carbon Nanotube-Mediated Intracellular Delivery	<i>ACS Appl. Mater. Interfaces</i>	2016 8, 4500-4507.	SCI	Li, H.; Fan, X.; Xing Chen*
200	Fullerene-Based Macro-Heterocycle Prepared	<i>Angew. Chem. Int. Ed.</i>	2016 55, 14590-145	SCI	Yanbang Li, Gaihong Zhang,

	through Selective Incorporation of Three N and Two O Atoms into C60		93		Dian Wang, Beidi Xu, Dan Xu, Ning Lou, Liangbing Gan*
201	Synthesis of C58 Open-Cage Fullerene Derivatives	<i>Synlett</i>	2016 27, 2123-2127	SCI	Yuming Yu, Liang Xu, Xinchun Huang, Sisi Liang, Liangbing Gan*
202	Synthesis of Isomerically Pure Multi-aniline C60 Adducts with Cyclopentadienyl Addition Pattern	<i>Eur. J. Org. Chem.</i>	2016 3070-3075	SCI	Sisi Liang, Liang Xu, and Liangbing Gan*
203	Preparation of Azafullerene C59NR5 and Fullerene Derivative C60NAr5 with a Pyridine Moiety on the Cage Skeleton	<i>Org. Lett.</i>	2016 18, 2236-2239	SCI	Ning Lou, Yanbang Li, Chengxing Cui, Yajun Liu, and Liangbing Gan*
204	Selective Multiamination of C70 Leading to Curved pi Systems with 60, 58, 56, and 50 pi Electrons	<i>Angew. Chem. Int. Ed.</i>	2016 55, 2483-2487	SCI	Yanbang Li, Dan Xu, Liangbing Gan*
205	New edges of RNA adenosine methylation modifications	<i>Genomics Proteomics Bioinformatics</i>	2016 14, 172-175	SCI	Ye Wang, Guifang Jia*
206	RNA N6-		2016 38(4): 275-88		*
207	Exploring the Binding Proteins of Glycolipids with Bifunctional Chemical Probes	<i>Angew. Chem. Int. Ed.</i>	2016 55, 14330-14334	SCI	X. Liu, T. Dong, Y. Zhou, N. Huang, XiaoguangLei*
208	Synthesis and Mode of Action of Oligomeric Sesquiterpene Lactones	<i>Nat. Prod. Rep.</i>	2016 33, 602-611.	SCI	C. Li, A. Jones, XiaoguangLei*
209	Syntheses of [1,2,4]triazolo[1,5-a]benzazoles Enabled by the Transition-Metal-Free	<i>Chem. Commun.</i>	2016 52, 7028-7031.	SCI	E. Shang, J. Zhang, J. Bai, Z. Wang, X. Li, B. Zhu, XiaoguangLei*

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210	Total Synthesis and Structural Reassignment of Aspergillomarasmine A	<i>Angew. Chem. Int. Ed.</i>	2016 55, 4291-4295.	SCI	<i>D. Liao, S. Yang, J. Wang, J. Zhang, B.</i>

218	Nonamplification Sandwich Assay Platform for Sensitive Nucleic Acid Detection Based on Aunps Enumeration with the Dark-Field Microscope	<i>Anal. Chem.</i>	2016 88, 4188-4191.	SCI	<i>Tian Li, Xiao Xu, Guoqing Zhang, Ruoyun Lin, Yang Chen, Chenxi Li, Feng Liu, and Na Li*</i>
219	The Fast Detection of Streptavidin Based on the Initial Reaction Rate of the Binding-Induced DNA Strand-Displacement Reaction	<i>Anal. Methods</i>	2016 8, 6701-6704	SCI	<i>Chenxi Li, Ruoyun Lin, Tian Li, Feng Liu and Na Li*</i>
220	Modulating Fluorescence Anisotropy of Dye-Labeled DNA without Involving Mass Amplification	<i>Talanta</i>	2016 154, 567-573.	SCI	<i>Xiaojing Pei, Hongduan Huang, Yang Chen, Chenxi Li, Feng Liu, and Na Li*</i>
221	Modulating the DNA Strand-Displacement Kinetics with the One-Sided Remote Toehold Design for Differentiation of Single-Base mismatched DNA	<i>RSC Adv.</i>	2016 6, 74913-74916.	SCI	<i>Chenxi Li, Yixin Li, Yang Chen, Ruoyun Lin, Tian Li, Feng Liu and Na Li*</i>
222	Pre-Incubation of Auric Acid with DNA Is Unnecessary for the Formation of DNA-Templated Gold Nanoclusters	<i>Chem.-an Asian J.</i>	2016 11, 1677-1681.	SCI	<i>Yang Chen, Guangyu Tao, Ruoyun Lin, Xiaojing Pei, Feng Liu, and Na Li*</i>
223	A Fluorescence Anisotropy Study of the DNA Hybridization Reaction Mediated by Formation of the C-Ag ⁺ -C Structure	<i>Anal. Methods</i>	2016 8, 3156-3162.	SCI	<i>Xinying Hong, Hongduan Huang, Mingxing Chen, Feng Liu, and Na Li*</i>
224	Monolith Dip-it: a Bifunctional Device for Improving the Sensitivity of Direct Analysis in Real Time Mass	<i>Analyst</i>	141, 2016 4947-4952	SCI	<i>Xianjiang Li, Ze Li, Xin Wang, Honggang Nie, Yiding Zhang, Yu</i>

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225	Recent Advances in Applications of Nanomaterials for Sample Preparation	<i>Talanta</i>	2016 146, 714-726.	SCI	<i>Linnan Xu, Xiaoyue Qi, Xianjiang Li, Yu Bai* and Huwei Liu</i>
226	Metabolomic Analysis of Mouse Embryonic Fibroblast Cells in Response to Autophagy induced by Acute Starvation	<i>Sci. Rep.</i>	2016 doi: 10.1038/sr ep34075	SCI	<i>Sensen Shen, Rui Weng, Linnan Li, Xinyuan Xu, Yu Bai* and Huwei Liu</i>
227	Lipidomic Profiling of Tryptophan Hydroxylase 2 Knockout Mice Reveals Novel Lipid Biomarkers Associated with Serotonin Deficiency	<i>Anal. Bioanal. Chem.</i>	2016 408, 2963-2973.	SCI	<i>Rui Weng, Sensen Shen, Casey Burton, Li Yang, Honggang Nie, Yonglu Tian, Yu Bai,* Huwei Liu</i>
228	Hydrazide Functionalized Monodispersed Silica Microsphere: a Novel Probe with Tunable Selectivity for Versatile Enrichment of Phosphopeptides with Different Numbers of Phosphorylation Sites in MS Analysis	<i>Chem. Commun.</i>	2016 52, 1162-1165	SCI	<i>Linnan Xu, Wen Ma, Sensen Shen, Liping Li, Yu Bai* and Huwei Liu</i>
229	Recent Advances in Lipidomics for Disease Research	<i>J. Sep. Sci.</i>	2016 39, 38-50.	SCI	<i>Li Yang, Min Li, Yabing Shan, Sensen Shen, Yu Bai, Huwei Liu*</i>
230	A Combined Experimental and Theoretical Study on the Extraction of Uranium by Amino-Derived Metal Organic Frameworks through Post-Synthetic Strategy	<i>ACS Appl. Mater. Interfaces</i>	2016 8, 31032-31041.	SCI	<i>Linnan Li, Wen Ma, Sensen Shen, Hexiang Huang, Yu Bai, and Huwei Liu *</i>
231	Dielectric Barrier Discharge Ionization based Interface for Online Coupling Surface Plasmon Resonance with Mass	<i>Analyst</i>	2016 141, 3343-3348.	SCI	<i>Yiding Zhang, Shuting Xu, Luhong Wen, Yu Bai,* Li Niu, Daqian Song,</i>

	Spectrometry				Huwei Liu *
232	Post-synthetic Modification of an Amino-functionalized Metal-organic Framework for Highly Efficient Enrichment of N-Linked Glycopeptides	<i>Nanoscale</i>	2016 8, 10908-10912.	SCI	Wen Ma, Linnan Xu, Ze Li, Yunlong Sun, Yu Bai* and Huwei Liu
233	Study on the Interaction of Uranyl with Sulfated -Cyclodextrin by Affinity Capillary Electrophoresis and Molecular Dynamics Simulation	<i>Electrophoresis</i>	2016 37, 2567-2573.	SCI	Linnan Li, Yiding Zhang, Xianjiang Li, Sensen Shen, Hexiang Huang, Yu Bai and Huwei Liu *
234	NiCoMnO ₄ : A Bifunctional Affinity Probe for Histagged Protein Purification and Phosphorylation Sites Recognition	<i>ACS Applied Materials & Interfaces</i>	2016 8, 18675-18683.	SCI	Xiaoyue Qi, Long Chen, Chaoqun Zhang, Xinyuan Xu, Yiding Zhang, Yu Bai* and Huwei Liu *
235	An Interface for Online Coupling Capillary Electrophoresis to Dielectric Barrier Discharge Ionization Mass Spectrometry	<i>Anal. Bioanal. Chem.</i>	2016 408, 8655-8661	SCI	Yiding Zhang, Wanpeng Ai, Yu Bai,* Yinglin Zhou, Luhong Wen, Xinxiang Zhang and Huwei Liu *
236	Magnetization of 3-Dimensional Homochiral Metal-organic Frameworks for Efficient and Highly Selective Capture of Phosphopeptides	<i>J. Chromatography A,</i>	2016 1468, 49-54	SCI	Xiaoyue Qi, Cuilan Chang, Xinyuan Xu, Yiding Zhang, Yu Bai, Huwei Liu *
237	Polymer-based Monolithic Column with Incorporated Chiral Metal-organic Framework for Enantioseparation of Methyl Phenyl Sulfoxide Using Nano-liquid Chromatography.	<i>J. Sep. Sci.</i>	2016 39, 4544-4548	SCI	Xin Wang, Alexandros Lamprou, Frantisek Svec*, Yu Bai, Huwei Liu *

238	Rapid Screening and Quantification of Glucocorticoids in Essential Oils Using Direct Analysis in Real Time Mass Spectrometry	<i>Rapid Commun. Mass Spectrom.</i>	2016 30 (Suppl. 1), 133–140	SCI	Jialing Zhang, Ze Li, Zhigui Zhou, Yu Bai* and Huwei Liu*
239	Online Coupling Techniques in Ambient Mass Spectrometry	<i>Analyst</i>	2016 141, 5913-5921.	SCI	Shuting Xu, Yiding Zhang, Linnan Xu, Yu Bai* and Huwei Liu*
240	Enantioselective Synthesis of Iboga Alkaloids and Vinblastine via Rearrangements of Quaternary Ammoniums	<i>Chem. Sci.</i>	2016 7, 5530-5536.	SCI	Y. Zhang, Y. Xue, G. Li, H. Yuan, Tuoping Luo*
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243	Aliphatic C–H Azidation through a Peroxydisulfate Induced Radical Pathway	<i>Org. Chem. Front.</i>	2016 3, 1326-1330.	SCI	Xin Li, Zhang-Jie Shi*
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245	Nickel- or Iron-Catalyzed Cross-Coupling of Aryl Carbamates with Arylsilanes	<i>Adv. Synth. Catal.</i>	2016 358, 2410-2416	SCI	Wen-Juan Shi, Hong-Wei Zhao, Yang Wang, Zhi-Chao Cao, Li-Sheng Zhang,

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247	Cu-Catalyzed Alkynylation of Unactivated C(sp ³)-X Bonds with Terminal Alkynes through Directing Strategy	<i>Org. Lett.</i>	2016 18, 2040-2043	SCI	<i>Fei-Xian Luo, Xing Xu, Ding Wang, Zhi-Chao Cao, Yun-Fei Zhang, Zhang-Jie Shi*</i>
248	Fe-Promoted Chlorobenzoylation of Terminal Alkynes through Benzylic C(sp ³)-H Bond Functionalization	<i>Org. Lett.</i>	2016 18, 1238-1241	SCI	<i>Jiang-Ling Shi, Ji-Cheng Zhang, Bi-Qin Wang, Ping Hu, Ke-Qing Zhao, Zhang-Jie Shi*</i>
249	Direct Oxidation of Aliphatic C-H Bonds in Amino-Containing Molecules under Transition-Metal-Free Conditions	<i>Org. Lett.</i>	2016 18, 1234-1237	SCI	<i>Xin Li, Xing Che, Gui-Hua Chen, Jun Zhang, Jia-Lei Yan, Yun-Fei Zhang, Li-Sheng Zhang, Chao-Ping Hsu, Yi Qin Gao*, Zhang-Jie Shi*</i>
250	Cu-Catalyzed Intramolecular Amidation of Unactivated C(sp ³)-H Bonds to Synthesize N-Substituted Indolines	<i>Chem. Eur. J.</i>	2016 22, 6487-6490	SCI	<i>Fei Pan, Bin Wu, Zhang-Jie Shi*</i>
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254	Metal-Free Oxidative Cross-Coupling of Diazirines with Arylboronic Acids	<i>Chem. Commun.</i>	2016 52, 1961-1963.	SCI	<i>Guojiao Wu, Xia Zhao,* Wenzhi Ji, Yan Zhang and Jianbo Wang*</i>
255	Rh(I)-Catalyzed Reaction of Trifluoromethylketone <i>N</i> -Tosyl hydrazones and Arylboronates	<i>Chin. J. Chem.</i>	2016 34, 473-476.		<i>Zhikun Zhang, Weizhi Yu, Qi Zhou, Tianjiao Li, Yan Zhang and Jianbo Wang*</i>

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261	Pd(0)-Catalyzed Cross-Coupling of Allyl halides with α -Diazocarbonyl Compounds or <i>N</i> -Mesitylhydrazones: Synthesis of 1,3-Diene Compounds	<i>Org. Biomol. Chem.</i>	2016 14, 3809-3820.	SCI	<i>Kang Wang, Shufeng Chen, Hang Zhang, Shuai Xu, Fei Ye, Yan Zhang, and Jianbo Wang*</i>
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276	Rh(I)-Catalyzed C-C Bond Activation of Siloxyvinylcyclopropanes with Diazoesters	<i>Angew. Chem. Int. Ed.</i>	2016 <i>55</i> , 15401-15405.	SCI	<i>Sheng Feng, Fanyang Mo, Ying Xia, Zhenxing Liu, Zhen Liu, Yan Zhang and Jianbo Wang*</i>
277	Aromatic Dicupra[10]annulenes	<i>J. Am. Chem. Soc.</i>	2016 <i>138</i> , 60-63.	SCI	<i>Junnian Wei, Yongliang Zhang, Yue Chi, Liang Liu, Wen-Xiong Zhang, and Zhenfeng Xi*</i>
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291	Probing the G-Quadruplex from hsa-miR-3620-5p and Inhibition of Its Interaction with the Target Sequence	<i>Talanta</i>	2016 154, 560-566.	SCI	<i>Wei Tan, Jiang Zhou,* Jiangyong Gu, Ming Xu Xiaojie Xu and Gu Yuan*</i>
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296	Generation of Artificial Sequence-specific Nucleases via Preassembled Inert-template	<i>Chem. Sci.</i>	2016 7, 2051-2057	SCI	Xianjin Xiao, Tongbo Wu, Feidan Gu and Meiping Zhao*
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356	Reactions of Osmium Hydrido Alkenylcarbyne with Allenates: Insertion and [3+2] Annulation	<i>Organometallics</i>	2015 34, 1742-1750.	SCI	Xiaoxi Zhou, Xiehua He, Jianfeng Lin, Qingde Zhuo, Zhixin Chen, Hong Zhang,* Jianbo Wang and Haiping Xia*
357	Cu(I)-Catalyzed Three-Component Coupling of N-Tosylhydrazones, Alkynes and Azides: Synthesis of Trisubstituted 1,2,3-Triazoles	<i>Adv. Synth. Cat.</i>	2015 357, 2277-2286.	SCI	Zhikun Zhang, Qi Zhou, Fei Ye, Ying Xia, Guojiao Wu, Mohammad Lokman Hossain, Yan Zhang, and Jianbo Wang*
358	Rh(I)-Catalyzed Sequential C(sp)-C(sp ³) and C(sp ³)-C(sp ³) Bond Formation via Carbene Migratory Insertion	<i>Angew. Chem. Int. Ed.</i>	2015 54, 7891-7894.	SCI	Ying Xia, Sheng Feng, Zhen Liu, Yan Zhang and Jianbo Wang*
359	Cu(I)-Catalyzed Cross-Coupling of Terminal Alkynes with Trifluoro-methyl Ketone N-Tosylhydrazones: Access to 1,1-Difluoro-1,3-enynes	<i>Org. Lett.</i>	2015 17, 2474-2477.	SCI	Zhikun Zhang, Qi Zhou, Weizhi Yu, Tianjiao Li, Guojiao Wu, Yan Zhang, Jianbo Wang*
360	Synthesis of Alkenylphosphonates through Palladium-Catalyzed Coupling of alpha-Diazo Phosphonates with Benzyl or Allyl Halides	<i>J. Org. Chem.</i>	2015 80, 6109-6118.	SCI	Yujing Zhou, Fei Ye, Xi Wang, Shuai Xu, Yan Zhang and Jianbo Wang*
361	Rh(I)-Catalyzed Stille-Type Coupling of Diazoesters with Aryl Trimethylstannanes	<i>Aust. J. Chem.</i>	2015 68, 1379-1384.	SCI	Zhen Liu, Ying Xia, Sheng Feng, Shuai Wang, Di Qiu, Yan Zhang, Jianbo Wang*

362	Pd-Catalyzed Alkyne-Alkyne Cross-Coupling: Access to Conjugated Enynes via Metal Carbene Migratory Insertion	<i>Chem. Commun.</i>	2015, <i>51</i> , 11233-112 35.	SCI	<i>Ying Xia, Zhen Liu, Rui Ge, Qing Xiao, Yan Zhang, Jianbo Wang*</i>
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369	Catalyst-Free Cross-Coupling of N-Tosylhydrazones with Chromium(0) Fischer Carbene Complexes: A New Approach to Diarylethanone	<i>Org. Chem. Front.</i>	2015 2, 1450-1456.	SCI	<i>Fangdong Hu, Jinghui Yang, Ying Xia, Chen Ma, Haiping Xia, Yan Zhang, Jianbo Wang*</i>
370	Pd(0)-Catalyzed Carbene Insertion into Si-Si and Sn-Sn Bonds	<i>J. Am. Chem. Soc.</i>	2015 137, 12800-12803.	SCI	<i>Zhenxing Liu, Haochen Tan, Tianren Fu, Ying Xia, Di Qiu, Yan Zhang, Jianbo Wang*</i>
371	Cu(I)-Catalyzed Coupling of Diaryldiazomethanes with Terminal Alkynes: An Efficient Synthesis of Tri-Aryl-Substituted Allenes	<i>Tetrahedron</i>	2015 71, 9196-9201.	SCI	<i>Chenggui Wu, Fangdong Hu, Zhenxing Liu, Guisheng Deng, Fei Ye, Yan Zhang, Jianbo Wang*</i>
372	Transition-Metal-Catalyzed Cleavage of C-N Single Bonds	<i>Chem. Rev.</i>	2015, 115, 12045-12090	SCI	<i>Kunbing Ouyang, Wei Hao, Wen-Xiong Zhang,* and Zhenfeng Xi</i>
373	Insertion/Rearrangement Reactivity of a Lutetacyclopentadiene towards <i>N,N'</i> -Diphenylcarbodiimide: Cooperative Effect of the Metal, Concentration of LiCl, and Solvent	<i>Chem. Eur. J.</i>	2015, 21, 15860-15866	SCI	<i>Ling Xu, Junnian Wei, Wen-Xiong Zhang,* and Zhenfeng Xi</i>
374	Synthesis, Structural Characterization, and Reactivity of a Fluorene-Based Calcium Oxycyclopentadienide Complex	<i>Organometallics</i>	2015 34, 1339-1344	SCI	<i>Baosheng Wei, Heng Li, Wen-Xiong Zhang*, and Zhenfeng Xi*</i>
375	Synthesis and Mechanistic	<i>Chem. Eur. J.</i>	2015, 21,	SCI	<i>Yue Chi, Ling Xu,</i>

	Study of Cyclic Oxoguanidines via Zn(OTf) ₂ -Catalyzed Guanylation/Amidation from Readily Available Amino Acid Esters and Carbodiimides		10369-103 78		<i>Shanshan Du, Haihan Yan, Wen-Xiong Zhang,* and Zhenfeng Xi</i>
376	Half-sandwich Rare-earth Metal Tris(alkyl) Ate Complexes Catalyzed Phosphaguanylation Reaction Efficient Synthesis of Phosphaguanidines	<i>New J. Chem.</i>	2015 39, 7649-7655	SCI	<i>Wangyang Ma, Ling Xu, Wen-Xiong</i>

	Platinum-Catalyzed Synthesis of Indolizines from Pyrrole and 1,4-Dibromo-1,3-butadienes		5674-5677		<i>Qingyu Ye,</i> Wen-Xiong Zhang, and Zhenfeng Xi*
382	Lithium Aluminate Complexes and Alumoles from 1,4-Dilithio-1,3-Butadienes and AlEt ₂ Cl	<i>Inorg. Chem.</i>	2015, 54, 10695-107 00	SCI	<i>Yongliang Zhang,</i> <i>Junnian Wei,</i> Wen-

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389	Synthesis of -Tetrachloro-Delta(1)-bipyrr lines and 4,8-Dichloro-2,6-diazasemibuv allenes	<i>Org. Lett.</i>	2015 17, 1026-1029	SCI	<i>Ming Zhan, Shaoguang Zhang, Zhe Huang, and Zhenfeng Xi*</i>
390	Combining Pd(-allyl)Cp and PPh ₃ as a Unique Catalyst for Efficient Synthesis of Alkylido Indoles via C(sp ³)-I Reductive Elimination	<i>Org. Chem. Front.</i>	2015 2, 1080-1084	SCI	<i>Wei Hao, Han Wang, Patrick J. Walsh, and Zhenfeng Xi*</i>
391	Pd-catalyzed Cyclodimerization of Alkenyl and Aryl Dibromides: Construction of Dibenzo[a,e]cyclooctatetraenes	<i>Chin. J. Cat.</i>	2015 36, 24-32		<i>Kunbing Ouyang, and Zhenfeng Xi*</i>
392	Asymmetric Total Synthesis of Propindilactone G	<i>J. Am. Chem. Soc.</i>	2015 137, 10120-101 23.	SCI	<i>Lin You, Xin-Ting Liang, Ling-Min Xu, Yue-Fan Wang, Jia-Jun Zhang, Qi Su, Yuan-He Li, Bo Zhang, Shou-Liang Yang, Jia-Hua Chen*, and Zhen Yang*</i>
393	Toward a General Diastereoselective Route to Oxabicyclo[3.2.1]octanes via a Gold-catalyzed Cascade Reaction	<i>Nature Commun.</i>	2015 6, 8617.	SCI	<i>Junkai Fu, Yueqing Gu, Hao Yuan, Tuoping Luo, Song Liu, Yu Lan,* Jianxian Gong,* Zhen Yang*</i>
394	Direct construction of vicinal all-carbon quaternary stereocenters in natural product synthesis	<i>Nat. Prod. Rep.</i>	2015 32, 1584-1601.	SCI	<i>Rong Long, Jun Huang, Jianxian Gong* and Zhen Yang*</i>
395	Synthetic Progress toward	<i>Org. Lett.</i>	2015 17,	SCI	<i>Hang Shi, Ceheng</i>

	Azadirachtins. 1. Enantio- and Diastereoselective Synthesis of the Left-Wing Fragment of 11- <i>epi</i> -Azadirachtin I		2342-2345.		Tan, Weibin Zhang, Zichun Zhang, Rong Long, Tuoping Luo, and Zhen Yang*
396	Synthetic Progress toward Azadirachtins. 2. Enantio- and Diastereoselective Synthesis of the Right-Wing Fragment of 11- <i>epi</i> -Azadirachtin I	<i>Org. Lett.</i>	2015 17, 2338-2341.	SCI	Ceheng Tan, Wei Chen, Xinpeng Mu, Qi Chen, Jianxian Gong,* Tuoping Luo* and Zhen Yang*
397	Palladium-Catalyzed Carbonylative Cyclization of Aryl Alkenes/Alkenols: A New Reaction Mode for the Synthesis of Electron-Rich Chromanes	<i>Org. Lett.</i>	2015 17, 1240-1243.	SCI	Shuang Li, Fuzhuo Li, Jianxian Gong*, and Zhen Yang*
398	Diastereoselective Synthesis of Cyclopentanoids. Application to Construction of the ABCD Tetracyclic Core of Retigeranic Acid A	<i>Chem. Eur. J.</i>	2015 21, 12596-12600.	SCI	Junlin Zhang, Xiao Wang, Shuang Li, Dian Li, Song Liu, Yu Lan* Jianxian Gong* and Zhen Yang*
399	Total Synthesis of Maoecrystal V	<i>Chem. Asian J.</i>	2015 10, 903-909.	SCI	Wei-Bin Zhang, Guang Lin, Wen-Bin Shao, Jian-Xian Gong,* and Zhen Yang*
400	Asymmetric Total Synthesis of (-)-Maoecrystal V	<i>Chem. Asian J.</i>	2015 10, 1874-1800.	SCI	Wei-bin Zhang, Wen-bin Shao, Fu-zhuo Li, Jian-xian Gong,* and Zhen Yang*
401	Gold-Catalyzed Intramolecular Tandem Cyclization of Indole-Ynamides: Diastereoselective Synthesis of	<i>Chem. Asian J.</i>	2015 10, ASAP.	SCI	Nan Zheng, Yuan-Yuan Chang, Li-Jie Zhang, Jian-Xian Gong,*

	Spirocyclic Pyrrolidinoindolines				and Zhen Yang*
402	Total synthesis of (+)-fusarisetin A	<i>Tetrahedron</i>	2015 71, 3720-3733.	SCI	<i>Jun Huang, Lichao Fang, Jianxian Gong, Chuangchuang Li, Zhen Yang*</i>

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	Cycloaddition of Enamides and Alkynes for the Synthesis of Highly Substituted Pyridines: Reaction Development and Mechanistic Study				and Jian Wang*
408	Rhodium-Catalyzed [5+2+1] Cycloaddition of Ene-Vinylcyclopropanes and CO: Reaction Design, Development, Application in Natural Product Synthesis, and Inspiration for Developing New Reactions for Synthesis of Eight-Membered Carbocycles	<i>Acc. Chem. Res.</i>	2015 48, 2288-2296.	SCI	Yi Wang, and Zhi-Xiang Yu*
409	Kinetic or Dynamic Control on a Bifurcating Potential Energy Surface? An Experimental and DFT Study of Gold-Catalyzed Ring Expansion and Spirocyclization of 2Propargyl- tetrahydrocarboline	<i>J. Am. Chem. Soc.</i>	2015 137, 13290-13300.	SCI	Lei Zhang, Yi Wang, Zhujun Yao, Shaozhong Wang,* and Zhi-Xiang Yu*
410	Exploration of the selective recognition of the G-quadruplex in the N-myc oncogene by electrospray ionization mass spectrometry	<i>Rapid Commun. Mass Spectrom.</i>	2015 29, 247-252.	SCI	Fangyuan Li, Han Chen*, Jiang Zhou and Gu Yuan*
411	The genomic sequences near the mir-23b- 27b- 24-1 cluster form G-quadruplexes and are selectively bound by the natural alkaloid tetrandrine	<i>Rapid Commun. Mass Spectrom.</i>	2015 29, 1611-1616.	SCI	Yanchao Qi, Han Chen, Wei Tan, Yanyan Li, Gu Yuan and Ming Xu*
412	DNA cross-triggered cascading self-amplification artificial biochemical circuit	<i>Chem. Sci.</i>	2015 6, 1225-1229.	SCI	Ji Nie, Ming-Zhe Zhao, Wen Jun Xie, Liang-Yuan Cai, Ying-Lin Zhou,*

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413	Portable, Easy-to-Operate, and Antifouling Microcapsule Array Chips Fabricated by 3D Ice Printing for Visual Target Detection	<i>Anal. Chem.</i>	2015, 87, 6397-6402.	SCI	Hong-Ze Zhang, Fang-Ting Zhang, Xiao-Hui Zhang, Dong Huang, Ying-Lin Zhou,* Zhi-Hong Li,* Xin-Xiang Zhang*

414 A smart tailor-made G-clip reporter for sensitive detection of G-triplet-containing sequences

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					<i>Zhao, Muneesh Tewari, Nils G. Walter*</i>
419	Enzyme-Mediated Single-Nucleotide Variation Detection at Room Temperature with High Discrimination Factor	<i>Chem. Sci.</i>	2015 6, 1206-1211	SCI	<i>Tongbo Wu, Xianjin Xiao, Zhe Zhang and Meiping Zhao*</i>
420	Construction of Antibody-like Nanoparticles for Selective Protein Sequestration in Living Cells	<i>Nanoscale</i>	2015 7, 7162 -7167	SCI	<i>Yibin Liu, Simin Fang, Junqiu Zhai and Meiping Zhao*</i>
421	Sensitive discrimination of stable mismatched base pairs by abasic site modified fluorescent probe and lambda exonuclease	<i>Chem. Commun.</i>	2015 51, 17402-174 05.	SCI	<i>Tongbo Wu, Xianjin Xiao, Feidan Gu and Meiping Zhao*</i>
422	Dynamic assembly of DNA and polylysine mediated by electric energy.	<i>Chem. Commun.</i>	2015 51, 1506-1509.	SCI	<i>Lin Niu, Xuyan Yang, Xiaocui Zhu, Yudan Yin, Wei Qu, Jihan Zhou, Meiping Zhao* and Dehai Liang*</i>
423	In-vivo and continuous measurement of bisulfide in the hippocampus of rat's brain by on-line integrated microdialysis/droplet-based microfluidic system	<i>Analyst</i>	2015 140, 3814-3819.	SCI	<i>Feidan Gu, Xiaoyu Zhou, Xiaocui Zhu, Meiping Zhao,* Jie Hao, Ping Yu, and Lanqun Mao*</i>
424	Unimolecular Chemically Modified DNA Fluorescent Probe for One Step Quantitative Measurement of the Activity of Human Apurinic/ Apyrimidinic Endonuclease 1 in Biological	<i>Anal. Chem.</i>	2015 87, 11952-119 56.	SCI	<i>Simin Fang, Lu Chen, and Meiping Zhao*</i>

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425	Diels-Alder Reaction-Triggered Bioorthogonal Protein decaging in Living Cells	<i>Nat. Chem. Biol.</i>	2014 10, 1003-1005	SCI	Jie Li, Shang Jia and PengR. Chen*
426	Palladium-triggered Deprotection Chemistry for Protein Activation in Living Cells	<i>Nat. Chem.</i>	2014 6, 352-361	SCI	Jie Li, Juntao Yu, Jingyi Zhao, Jie Wang, Siqi Zheng, Shixian Lin, Long Chen, Maiyun Yang, Shang Jia, Xiaoyu Zhang and PengR. Chen*
427	Biocompatible Click Chemistry Enabled Compartment-Specific pH Measurement inside E. coli	<i>Nat. Commun.</i>	2014 5, 4981	SCI	Maiyun Yang, Abubakar S. Jalloh, Wei Wei, Jing Zhao*, Peng Wu* and Peng R. Chen*
428	Transition Metal-Mediated Bioorthogonal Protein Chemistry in Living Cells	<i>Chem. Soc. Rev.</i>	2014 43, 6511-6526.	SCI	Maiyun Yang, Jie Li and PengR. Chen*
429	Genetically Encoded Cleavable Protein Photocrosslinker	<i>J. Am. Chem. Soc.</i>	2014 136, 11860-11863	SCI	Shixian Lin, Dan He, Teng Long, Shuai Zhang, Rong Meng and Peng R. Chen*
430	Monitoring Endocytic Trafficking of Anthrax Lethal Factor <i>via</i> Precise and Quantitative Protein Labeling	<i>Angew. Chem. Int. Ed.</i>	2014 53, 6449-6453	SCI	Siqi Zheng, Gong Zhang, Jie Li, and PengR. Chen*
431	Targeted Imaging and Proteomic Analysis of Tumor-Associated Glycans in Living Animals	<i>Angew. Chem. Int. Ed.</i>	2014 53, 14082-14086	SCI	Xie, R.; Dong, L.; Huang, R.; Hong, S.; Lei, R.; Xing Chen*
432	Glycan Imaging in Intact Rat Hearts and Glycoproteomic	<i>J. Am. Chem. Soc.</i>	136, 17468-174	SCI	Rong, J.; Han, J.; Dong, L.; Tan, Y;

	Analysis Reveal the Upregulation of Sialylation during Cardiac Hypertrophy		76		<i>Yang, H.; Feng, L.; Wang, Q.; Meng, R.; Zhao, J.*; Wang, S.*; Xing Chen*</i>
433	Selective Addition of Secondary Amines to C60: Formation of Penta and Hexaamino[60]fullerenes	<i>J. Org. Chem.</i>	2014, 79, 8912-8916	SCI	Yanbang Li, and Liangbing Gan*
434	Aniline Induced Domino Ring Contraction Process on the Rim of an Open-Cage Fullerene with Carbonyl, Imino and Lactone Moieties	<i>Chin. J. Chem.</i>	2014, 32, 819-821		Shuming Liu, and Liangbing Gan*
435	Synthesis of Open-cage Fullerenes with 4-Alkynylphenyl Groups on the Rim of the Orifice	<i>Fullerenes, Nanotubes, Carbon Nanostruct.</i>	2014, 22, 54-60		<i>Yuming Yu, Tong Zhang and Liangbing Gan*</i>
436	Pentafluorophenyl Transfer Reaction: Preparation of Pentafluorophenyl [60]Fullerene Adducts through Opening of Fullerene Epoxide Moiety with Trispentafluorophenylborane	<i>J. Org. Chem.</i>	2014, 79, 5794-5798	SCI	<i>Sisi Liang, Liang Xu, Zhenshan Jia, and Liangbing Gan*</i>
437	Near-Infrared Absorbing Compounds Based on -Extended Tetrathiafulvalene Open-Cage Fullerenes	<i>J. Org. Chem.</i>	2014, 79, 2156-2162	SCI	<i>Yuming Yu, Liang Xu, Xincheng Huang, and Liangbing Gan*</i>
438	A green fullerene derivative as a fluoride ion sensor	<i>Org. Chem. Front.</i>	2014, 1, 652-656	SCI	<i>Liang Xu, Sisi Liang and Liangbing Gan*</i>
439	An Azafullerene Acceptor for Organic Solar Cells	<i>RSC Adv.</i>	2014, 4, 24029-24031	SCI	<i>Zuo Xiao, Dan He, Chuantian Zuo, Liangbing Gan,* Liming Ding*</i>
440	Total Syntheses of	<i>J. Org. Chem.</i>	2014, 79,	SCI	<i>Zhang, J.; Chen, J.;</i>

	Menisporphine and Daurioxoisoporphine C Enabled by Photoredox-Catalyzed Direct C–H Arylation of Isoquinoline with Aryldiazonium Salt		10682-10688		Zhang, X.; XiaoguangLei*
441	Probing the Anti-cancer Mechanism of (-)-Ainsliatrimmer A through Diverted Total Synthesis and Bioorthogonal Ligation	<i>Angew. Chem. Int. Ed.</i>	2014 53, 12111-12115	SCI	Li, C.; Dong, T.; Li, Q.; XiaoguangLei*
442	Diversity-oriented synthesis of Lycopodium alkaloids inspired by the hidden functional group pairing pattern	<i>Nature Commun.</i>	2014 5, 4614	SCI	Zhang, J.; Wu, J.; Hong, B.; Ai, W.; Wang, X.; Li, H.; XiaoguangLei*
443	Enantioselective Biomimetic Total Syntheses of Kuwanons I and J and Brosimones A and B	<i>Angew. Chem. Int. Ed.</i>	2014 53, 9257-9261	SCI	Han, J.; Li, X.; Guan, Y.; Zhao, W.; Wulff, W. D.*; XiaoguangLei*
444	Strategies toward the Biomimetic Syntheses of Oligomeric Sesquiterpenoids	<i>J. Org. Chem.</i>	2014 79, 3289-3295	SCI	Li, C.; Xiaoguang Lei*
445	Facile Solid-phase Synthesis of PNA-peptide Conjugates using pNZ-protected PNA Monomers	<i>Org. Chem. Frontiers</i>	2014,1, 1050-1054	SCI	Yi-Chao Huang, Cheng Cao, Xiang-Long Tan, Xiaoyu Li* and Lei Liu*
446	Selection of DNA-encoded Small Molecule Libraries against Unmodified and Non-immobilized Protein Targets	<i>Angew. Chem. Int. Ed.</i>	2014 53, 10056-10059	SCI	Peng Zhao, Zitian Chen, Yizhou Li, Dawei Sun, Yuan Gao, Yanyi Huang,* and Xiaoyu Li*
447	A DNA-templated Synthesis of Encoded Small Molecules by DNA Self-assembly	<i>Chem. Commun.</i>	2014 50, 10997-10999	SCI	Cheng Cao, Peng Zhao, Ze Li, Zitian Chen, Yanyi Huang, Yu Bai* and Xiaoyu

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448	Multivalent Photoaffinity Probe for Labeling Small Molecule Binding Proteins	<i>Bioconjugate Chem.</i>	2014 25, 1172-1180	SCI	Gang Li, Yu Liu, Xuerong Yu and Xiaoyu Li*
449	A Universal Molecular Translator for Non-Nucleic Acid Targets that Enables Dynamic DNA Assemblies and Logic Operations	<i>Chem. Commun.</i>	2014 50, 14352-14355	SCI	Wei Tang, Shichao Hu, Huaming Wang, Yan Zhao, Na Li and Feng Liu*
450	Facile Template-Free Synthesis of 3D Porous MnO/C Microspheres with Controllable Pore Size for High-Performance Lithium-Ion Battery Anodes	<i>J. Mater. Chem. A</i>	2014 2, 10000-10006	SCI	Kai Su, Chao Wang, Honggang Nie, Yan Guan, Feng Liu* and Jitao Chen*
451	A Dual Amplification Strategy for DNA Detection Combining Bio-barcode Assay and Metal-Enhanced Fluorescence Modality	<i>Chem. Commun.</i>	2014 50, 13373-13376	SCI	Zhenpeng Zhou, Tian Li, Hongduan Huang, Yang Chen, Feng Liu, Chengzhi Huang* and Na Li*
452	A Distance-Dependent Metal-Enhanced Fluorescence Sensing Platform Based on Molecular Beacon Design	<i>Biosens. Bioelectron.</i>	2014 52, 367-373	SCI	Zhenpeng Zhou, Hongduan Huang, Yang Chen, Feng Liu, Chengzhi Huang and Na Li*
453	Fast and Quantitative Differentiation of Single-Base Mismatched DNA by Initial Reaction Rate of Catalytic Hairpin Assembly	<i>Biosens. Bioelectron.</i>	2014,60, 57-63	SCI	Chenxi Li, Yixin Li, Xiao Xu, Xinyi Wang, Yang Chen, Xiaoda Yang, Feng Liu and Na Li*
454	A Lithium-rich composite metal oxide used as SALDI-MS matrix for the determination of small biomolecules	<i>Chem. Comm.</i>	2014 50, 15397-15399	SCI	Ze Li, Yiwei Zhang, Yuelong Xin, Yu Bai,* Henghui Zhou, Huwei Liu*
455	A Not-stop-flow On-line	<i>J. Chromatogr.</i>	2014	SCI	Min Li, Xunliang

	Normal-/reversed-phase Two Dimensional Liquid Chromatography-quadrupole Time-of-flight Mass Spectrometry Method for Comprehensive Lipid profiling of Human Plasma from Atherosclerosis Patients	A.	1372, 110-119		Tong, Pu Lv, Baosheng Feng, Li Yang, Zheng Wu, Xinge Cui, Yu Bai, Yining Huang*, Huwei Liu *
456	Analytical Methods in Lipidomics and Their Applications	<i>Anal. Chem.</i>	2014 86, 161-175	SCI	Min Li, Li Yang, Yu Bai, Huwei Liu *
457	Online Coupling of In-tube Solid Phase Microextraction with Direct Analysis in Real Time Mass Spectrometry for Rapid Determination of Triazine Herbicides by Using Polymer Monolith Incorporated with Single-Wall Carbon Nanotubes	<i>Anal. Chem.</i>	2014 86, 4739-4747	SCI	Xin Wang, Xianjiang Li, Ze Li, Yiding Zhang, Yu Bai, Huwei Liu *
458	Study on Variation of Lipids during Different Growth Phases of Living Cyanobacteria Using Easy Ambient Sonic-Spray Ionization Mass Spectrometry	<i>Anal. Chem.</i>	2014 86, 7096-7102	SCI	Yiqun Liu, Jialing Zhang, Honggang Nie, Chunxia Dong, Ze Li, Zhenggao Zheng, Yu Bai, Huwei Liu *, Jindong Zhao*
459	Ambient Mass Spectrometry Imaging: Plasma Assisted Laser Desorption Ionization Mass Spectrometry Imaging and Its Applications	<i>Anal. Chem.</i>	2014 86, 4164-4169	SCI	Baosheng Feng, Jialing Zhang, Cuilan Chang, Liping Li, Min Li, Xingchuang Xiong, Chengan Guo, Fei Tang, Yu Bai,* Huwei Liu
460	Template-free Synthesis of	<i>J. Mat. Chem. B.</i>	2014 2,	SCI	Liping Li, Shuai

	Uniform Mesoporous SnO ₂ Nanospheres for Efficient Phosphopeptide Enrichment		1121-1124		<i>Chen, Linnan Xu, Yu Bai*, Zongxiu Nie, Huwei Liu, Limin Qi*</i>
461	GdF ₃ as a Promising Phosphopeptide Affinity Probe and Dephospho-labelling Medium: Experiments and Theoretical Explanation	<i>Chem. Commun.</i>	2014, 50, 11572-11575	SCI	<i>Liping Li, Junzi Liu, Linnan Xu, Ze Li, Yu Bai*, Yunlong Xiao, Huwei Liu</i>
462	Guanidyl-Functionalized Graphene as a Bifunctional Adsorbent for Selective Enrichment of Phosphopeptides	<i>Chem. Commun.</i>	2014, 50, 10963-10966	SCI	<i>Linnan Xu, Liping Li, Liang Jin, Yu Bai,* Huwei Liu</i>
463	Novel Nanomaterials Used for Sample Preparation for Protein Analysis	<i>Anal. Bioanal. Chem.</i>	2014, 406, 35-47	SCI	<i>Liping Li, Linnan Xu, Ze Li, Yu Bai,* Huwei Liu</i>
464	Application of Homochiral Metal-Organic Frameworks in Enantioselective adsorption and Chromatography separation	<i>Electrophoresis.</i>	2014, 35, 2733-2743.	SCI	<i>Xianjiang Li, Cuilan Chang, Xin Wang, Yu Bai, Huwei Liu *</i>
465	Combination of Dynamic pH junction with Capillary Electrophoresis-mass Spectrometry for the Determination of Systemins in Plant Samples	<i>Electrophoresis</i>	2014, 35, 1984-1988	SCI	<i>Yu Bai, Cuilan Chang, Fuyou Du, Zhijing Tan, Yu Bai, Huwei Liu *</i>
466	Solid-phase Extraction with the Metal-organic Frameworks MIL-101(Cr) Combined with Direct Analysis in Real Time Mass Spectrometry for Fast Analysis of Triazine Herbicides	<i>J. Sep. Sci.</i>	2014, 37, 1489-1495	SCI	<i>Xianjiang Li, Jiawei Xing, Cuilan Chang, Xin Wang, Xiuping Yan, Yu Bai, Huwei Liu *</i>
467	Rapid and Subnanomolar Assay of Recombinant Human	<i>J. Sep. Sci.</i>	2014, 37(16):223	SCI	<i>Nannan Pang, Yu Bai, Honggang Nie,</i>

	Erythropoietin by CE Using NanoOrange Precolumn Labeling and Laser-Induced Fluorescence Detection		3-2238		<i>Yu Zhou, Xiaofang Fu, Huwei Liu *</i>
468		-	2014 44, 784-788		, , *
469	Comparison of Different Derivatization Procedures for Analysis of Recombinant Human Erythropoietin by Capillary Electrophoresis with Laser-induced Fluorescence Detection	<i>J. Chin. Pharm. Sci.</i>	2014 23 (5), 317-323		<i>Xia Yang, Nannan Pang, Xiaofang Fu, Hongfeng Yin, Yiping Liao, Huwei Liu *</i>
470	Recent Advances in Transition-Metal-Catalyzed C-S Activation: From Thioester to (Hetero)aryl Thioether	<i>ACS Catal.</i>	2014 4, 280-288	SCI	<i>Fei Pan, Zhang-Jie Shi*</i>
471	Cross-Coupling of Alkenyl/Aryl Carboxylates with Grignard Reagents via Fe-Catalyzed C-O Bond Activation	<i>Org. Synth.</i>	2014 91, 83-92.	SCI	<i>Bi-Jie Li, Xi-Sha Zhang, Zhang-Jie Shi*</i>
472	Palladium-catalyzed base-accelerated direct C-H bond alkenylation of phenols to synthesize coumarin derivatives	<i>Org. Chem. Front.</i>	2014 1, 44-49	SCI	<i>Xi-Sha Zhang, Zhao-Wei Li and Zhang-Jie Shi*</i>
473	Controllable mono-/di-alkenylation of aryl alkyl-thioethers tuned by oxidants via Pd-catalysis	<i>Org. Chem. Front.</i>	2014 1, 1096-1100.	SCI	<i>Xi-Sha Zhang, Yun-Fei Zhang, Kang Chen, Zhang-Jie Shi*</i>
474	Transition Metal-Catalyzed Direct Nucleophilic Addition of C-H Bonds to Carbon-heteroatom Double	<i>Chem. Sci.</i>	2014 5, 2146-2159	SCI	<i>Xi-Sha Zhang, Kang Chen, Zhang-Jie Shi*</i>

	Bonds				
475	Privileged strategies for direct transformations of inert aliphatic C-H bonds	<i>Natl. Sci. Rev.</i>	2014 <i>1</i> , 272-275		<i>Guihua Chen, Zhang-Jie Shi*</i>
476	Direct Borylation of Primary C-H Bonds in Functionalized Molecules by Palladium Catalysis	<i>Angew. Chem. Int. Ed.</i>	2014 <i>53</i> , 3899-3903	SCI	<i>Li-Sheng Zhang, Guihua Chen, Xin Wang, Qing-Yun Guo, Xi-Sha Zhang, Fei Pan, Kang Chen, Zhang-Jie Shi*</i>
477	Palladium-Catalyzed C(sp ³)-H Activation: A Facile Method for the Synthesis of 3,4-Dihydroquinolinone Derivatives	<i>Angew. Chem. Int. Ed.</i>	2014 <i>53</i> , 4945-4949	SCI	<i>Jia-Xuan Yan, Dr. Hu Li, Dr. Xiang-Wei Liu, Jiang-Ling Shi, Xin Wang, Zhang-Jie Shi*</i>
478	Direct Alkenyl C-H Functionalization of Cyclic Enamines with Carboxylic Acids via Rh Catalysis Assisted by Hydrogen bonding	<i>Org. Chem. Front.</i>	2014 <i>1</i> , 634-638	SCI	<i>Zhi-Quan Lei, Jian-Heng Ye, Jian Sun, Zhang-Jie Shi*</i>
479	Transition-Metal-Free Coupling Reactions	<i>Chem. Rev.</i>	2014 <i>114</i> , 9219-9280	SCI	<i>Chang-Liang Sun, Zhang-Jie Shi*</i>
480	Silver-catalysed direct amination of unactivated C-H bonds of functionalized molecules	<i>Nat. Commun.</i>	2014 <i>5</i> , 4707-4712	SCI	<i>Mingyu Yang, Bo Su, Yang Wang, Kang Chen, Xingyu Jiang, Yun-Fei Zhang, Xi-Sha Zhang, Guihua Chen, Ye Cheng, Zhichao Cao, Qingyun Guo, Lushun Wang, Zhang-Jie Shi*</i>
481	Palladium-Catalyzed	<i>Chin. J. Chem.</i>	2014 <i>132</i> ,		<i>Wenjuan Shi,</i>

	2 <i>H</i> -1,2,3-Triazole-Directed Oxidative Alkoxylation of Arenes with Alcohols		974-980		Zhang-Jie Shi*
482	Pd Carbene Migratory Insertion: Application to the Synthesis of Trifluoromethylated Alkenes and Dienes	<i>Chem. Eur. J.</i>	2014, 20, 961-965	SCI	Xi Wang, Yan Xu, Yifan Deng, Yujing Zhou, Jiajie Feng, Guojing Ji, Yan Zhang and Jianbo Wang*
483	Rh(III)-Catalyzed Direct <i>ortho</i> -Alkenylation of <i>N</i> -Phenoxyacetamides with <i>N</i> -Tosylhydrazones or Diazoesters via C-H Activation	<i>Angew. Chem. Int. Ed.</i>	2014, 53, 1364-1367.	SCI	Fangdong Hu, Ying Xia, Fei Ye, Zhenxing Liu, Chen Ma, Yan Zhang and Jianbo Wang*
484	Fe(II)-Catalyzed Direct Cyanation of Arenes with Aryl(cyano)iodonium Triflate	<i>Angew. Chem. Int. Ed.</i>	2014, 53, 2186-2189.	SCI	Zhibin Shu, Wenzhi Ji, Xi Wang, Yujing Zhou, Yan Zhang and Jianbo Wang*
485	Formal Carbon Insertion of <i>N</i> -Tosylhydrazone into B-B and B-Si Bonds: gem-Diborylation and gem-Silylborylation of sp ³ Carbon	<i>Org. Lett.</i>	2014, 16, 448-451.	SCI	Huan Li, Xianghang Shangguan, Zhikun Zhang, Shan Huang, Yan Zhang and Jianbo Wang*
486	Synthesis of Arylboronic Pinacol Esters from Corresponding Arylamines	<i>Org. Synth.</i>	2014, 91, 106-105.	SCI	Di Qiu, He Meng, Liang Jin, Shengbo Tang, Shuai Wang, Fangyang Mo, Yan Zhang and Jianbo Wang*
487	Ru(II)-Catalyzed Rearrangement of Allenic Sulfide Bearing Propargyl Moiety: Efficient Formation of Benzene Derivatives	<i>Org. Chem. Front.</i>	2014, 1, 235-239.	SCI	Lingling Peng, Xiu Zhang, Jie Ma and Jianbo Wang*
488	Direct Synthesis of	<i>Org. Chem. Front.</i>	2014, 1,	SCI	Di Qiu, Yan Zhang

	Arylboronic Pinacol Esters from Arylamines		422-425		and Jianbo Wang*
489	Oxidative Cross-Coupling of Allenyl Ketones and Organoboronic Acids: Expedient Synthesis of Highly Substituted Furans	<i>Angew. Chem. Int. Ed.</i>	2014 53, 3917-3921.	SCI	Ying Xia, Yamu Xia, Rui Ge, Zhen Liu, Qing Xiao, Yan Zhang and Jianbo Wang*
490	Formal Carbene Insertion into C-C Bond: Rh(I)-Catalyzed Reaction of Benzocyclobutenols with Diazoesters	<i>J. Am. Chem. Soc.</i>	2014 136, 3013-3015.	SCI	Ying Xia, Zhenxing Liu, Zhen Liu, Rui Ge, Fei Ye, Mohammad Hossain, Yan Zhang, Jianbo Wang*
491	Synthesis of Trimethylstannyl Arylboronate Compounds by Sandmeyer-Type Transformations and Their Applications in Chemoselective Cross-Coupling Reactions	<i>J. Org. Chem.</i>	2014 79, 1979-1988	SCI	Di Qiu, Shuai Wang, Shengbo Tang, He Meng, Liang Jin, Fanyang Mo, Yan Zhang and Jianbo Wang*
492	Trifluoromethylthiolation of Diazo Compounds via Copper Carbene Migratory Insertion	<i>Eur. J. Org. Chem.</i>	2014 3093-3096	SCI	Xi Wang, Yujing Zhou, Guojing Ji, Guojiao Wu, Ming Li, Yan Zhang, and Jianbo Wang*
493	Synthesis of 3-Trifluoromethylpyrazoles via Trifluoromethylation/Cyclization of alpha, beta-Alkynic Hydrazones Using a Hypervalent Iodine Reagent	<i>Chem. Commun.</i>	2014 50, 4361-4363.	SCI	Guojing Ji, Xi Wang, * Songnan Zhang, Yan Xu, Yuxuan Ye, Ming Li, Yan Zhang, and Jianbo Wang*
494	Synthesis of 1H-Indazoles from N-Tosylhydrazones and Nitroaromatic Compounds	<i>Chem. Commun.</i>	2014 50, 5061-5063.	SCI	Zhenxing Liu, Long Wang, Haocheng Tan, Shiyi Zhou, Tianren Fu, Ying

					Xia, Yan Zhang and Jianbo Wang*
495	Palladium-Catalyzed Three-Component Reaction of N-Tosylhydrazone, Norbornene and Aryl Halide	<i>Org. Biomol. Chem.</i>	2014 12, 3590-3593.	SCI	Fangdong Hu, Ying Xia, Zhenxing Liu, Chen Ma,* Yan Zhang, and Jianbo Wang*
496	Pd-Catalyzed Ring-Opening Cross-Coupling of Cyclopropenes with Aryl Iodides	<i>Chem. Commun.</i>	2014 50, 8050-8052.	SCI	Hang Zhang, Bo Wang, Kang Wang, Guojun Xie, Changkun Li, Yan Zhang and Jianbo Wang*
497	Switchable 2,2,2-Trifluoroethylation and gem-Difluorovinylolation of Organoboronic Acids with 2,2,2-Trifluorodiazethane	<i>Eur. J. Org. Chem.</i>	2014 4477-4481.	SCI	Guojiao Wu, Yifan Deng, Chaoqiang Wu, Xi Wang, Yan Zhang, and Jianbo Wang*
498	Conversion of Aromatic NH ₂ Group into CF ₃ Group through Sandmeyer-Type Transformation	<i>Synthesis</i>	2014 46, 2143-2148.	SCI	Xi Wang, Yan Xu, Yujing Zhou, Yan Zhang, Jianbo Wang*
499	Studies on Zn(II)- or Rh(I)-Catalyzed Rearrangement of Silylated [1,1'-Bi(cyclopropan)]-2'-en-1-ols	<i>J. Org. Chem.</i>	2014 79, 6286-6293.	SCI	Hang Zhang, Changkun Li, Guojun Xie, Bo Wang, Yan Zhang, Jianbo Wang*
500	Palladium-Catalyzed Cross-Coupling Reaction of Cyclic alpha-Diazocarbonyl Compounds and Vinyl Boronic Acids: An Approach to 1,3-Diene Compounds	<i>J. Org. Chem.</i>	2014 79, 7711-7717	SCI	Yamu Xia, Ying Xia, Zhen Liu, Yan Zhang, and Jianbo Wang*
501	Cu(I)-Catalyzed Cross Coupling of Conjugated Ene-Yne-Ketones and Terminal	<i>Org. Lett.</i>	2014 16, 4082-4085.	SCI	Fangdong Hu, Ying Xia, Chen Ma,* Yan Zhang, Jianbo

	Alkynes: Synthesis of Furan-Substituted Allenes				Wang*
502	Synthesis of α -Aryl Esters and Nitriles <i>via</i> Deaminative Coupling of α -Aminoesters and α -Aminoacetonitriles with Arylboronic Acids	<i>Angew. Chem. Int. Ed.</i>	2014 53, 10510-105 14	SCI	<i>Guojiao Wu, Yifan Deng, Chaoqiang Wu, Yan Zhang, Jianbo Wang*</i>
503	Cu(I)-Catalyzed Reaction of Diazo Compounds with Terminal Alkynes: A Direct Synthesis of Trisubstituted Furans	<i>Tetrahedron</i>	2014 70, 6957-6962	SCI	<i>Mohammad Lokman Hossain, Fei Ye, Yan Zhang and Jianbo Wang*</i>
504	Synthesis of Aryldiazoacetates through Pd(0)-Catalyzed Deacylative Cross-Coupling of Aryl Iodides with Acyldiazoacetates	<i>Angew. Chem. Int. Ed.</i>	2014 53, 11625-116 28.	SCI	<i>Fei Ye, Chengpeng Wang, Yan Zhang, Jianbo Wang*</i>

505 Pd(0)-Catalyzed
Cross-Coupling of
1,1-Diboronates with Vinyl

	of Ruthenium Vinyl Carbene with Propargyl Alcohols		1077-1082		<i>Chunhong Zhang, Yumei Lin, Xumin He, Yan Zhang, Jianbo Wang and Haiping Xia*</i>
509	Palladium(II)-Catalyzed Direct Conversion of Allyl Arenes into Alkenyl Nitriles	<i>Org. Chem. Front.</i>	2014 <i>1</i> , 1123-1127	SCI	<i>Zhibin Shu, Yujing Zhou, Yan Zhang and Jianbo Wang*</i>

	Rearrangements of Zirconacyclobutene-Silacyclob utene Fused Complexes		270-271, 2-13.		<i>Shaoguang Zhang, Wen-Xiong Zhang, and Zhenfeng Xi,*</i>
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Mechanistic Insights into N–N

Bond Cleavage in Catalytic

516 Guanylation Reaction between *J. Org. Chem.*

1,2-Diarylhydrazines and

Carbodiimides

as Reactive Site in
Half-sandwich Bis(amidinato)
Rare-Earth Metal Complexes:
An Ef

CN Bond Cleavage: Efficient

	organometallic reactions		2007-2023		Jiahua Chen Jianxian Gong, Zhen Yang*
535	Strategic Innovation in the Total Synthesis of Complex Natural Products using Gold Catalysis	<i>Nat. Prod. Rep.</i>	2014, 31, 489-503	SCI	Yun Zhang, Tuoping Luo and Zhen Yang*
536	Collective Synthesis of Cladiellins Based on the Gold-Catalyzed Cascade Reaction of 1,7-Diynes	<i>Angew. Chem. Int. Ed.</i>	2014, 53, 7, 1837-1840	SCI	Guozong Yue, Yun Zhang, Lichao Fang, Chuang-chuang Li, Tuoping Luo*, and Zhen Yang*
537	Mechanisms of the InCl ₃ Catalyzed Type-I, II, and III Cycloisomerizations of 1,6-Enynes	<i>J. Org. Chem.</i>	2014, 79, 3809-3820	SCI	Lian-Gang Zhuo, Ji-Ji Zhang, and Zhi-Xiang Yu*
538	Mechanisms of the PtCl ₂ -Catalyzed Intramolecular Cyclization of <i>o</i> -Isopropyl-Substituted Aryl Alkynes for the Synthesis of Indenes and Comparison of Three sp ³ C-H Bond Activation Modes	<i>J. Org. Chem.</i>	2014, 79, 5684-5696	SCI	Yi Wang, Wei Liao, Genping Huang, Yuanzhi Xia, and Zhi-Xiang Yu*
539	Using the Type II Cycloisomerization Reaction of 1,6-Enynes as a Mechanistic Probe to Identify the Real Catalytic Species of GaX ₃ and InX ₃	<i>Asian J. Org. Chem.</i>	2014, 3, 842-846	SCI	Lian-Gang Zhuo, Yao-Cheng Shi, and Zhi-Xiang Yu*
540	Gold(I)- and Platinum(IV)-Catalyzed Intramolecular Annulations of Allenes towards Furans	<i>Org. Chem. Front.</i>	2014, 1, 1205-1209	SCI	Cheng-Hang Liu, and Zhi-Xiang Yu*
541	DFT Study of the Mechanism and Stereochemistry of the	<i>J. Org. Chem.</i>	2014, 79, 11949-119	SCI	Wei Liao, and Zhi-Xiang Yu*

	Rh(I)-Catalyzed Diels–Alder Reactions between Electronically Neutral Dienes and Dienophiles		60		
542	Gold(I)-Catalyzed Polycyclization of Linear Dienenedynes to Seven-Membered Ring-Containing Polycycles via Tandem Cyclopropanation/Cope Rearrangement/C–H Activation	<i>Org. Lett.</i>	2014 , 16, 5898-5901	SCI	<i>Pei-Jun Cai, Yi Wang, Cheng-Hang Liu and Zhi-Xiang Yu*</i>
543	Exploring the Formation and Recognition of an Important G-Quadruplex in a HIF1 alpha Promoter and Its Transcriptional Inhibition by a Benzo[c] phenanthridine Derivative	<i>J. Am. Chem. Soc.</i>	2014 136 2583-2591	SCI	<i>Han Chen, Haitao Long, Xiaojie Cui, Jiang Zhou, Ming Xu, and Gu Yuan*</i>
544	ESI Mass Spectrometric Exploration of Selective Recognition of G-Quadruplex in c-myc Oncogene Promoter Using a Novel Flexible Cyclic Polyamide	<i>J. Am. Soc Mass Spectrom.</i>	2014 25, 684-691	SCI	<i>Xiaojie Cui, Qiang Zhang, Han Chen, Jiang Zhou and Gu Yuan*</i>
545	Electrospray Ionization Mass Spectrometry Probing of Binding Affinity of Berbamine, a Flexible Cyclic Alkaloid from Traditional Chinese Medicine, with G-Quadruplex DNA	<i>Rapid Commun. Mass Spectrom.</i>	2014 28, 143-147	SCI	<i>Wei Tan, Jiang Zhou* and Gu Yuan*</i>
546	Analysis of Urinary Methylated Nucleosides of Patients with Coronary Artery Disease by	<i>Rapid Commun. Mass Spectrom.</i>	2014 28, 2054-2058	SCI	<i>Yanru Li, Haiyi Yu, Wei Zhao, Xinye Xu, Jiang Zhou*, Ming Xu, Wei Gao* and</i>

	High-performance Liquid Chromatography/Electrospray Ionization Tandem Mass Spectrometry				Gu Yuan
547	Induction of Formation and Conformational Conversion of DNA G-Quadruplexes by Fangchinoline	<i>Anal. Methods</i>	2014 6, 8476-8481	SCI	<i>Wei Tan, Han Chen, Jiang Zhou,* Ming Xu and Gu Yuan*</i>
548	A Perylene Derivative Regulates HIF-1 alpha and Stat3 Signaling Pathways	<i>Bioorg. Med. Chem.</i>	2014 22, 1496-1505	SCI	<i>Han Chen*, Yongli Guan, Gu Yuan, Qiang Zhang, Naijie Jing*</i>
549	A Facilely Synthesized Amino-Functionalized Metal–Organic Framework for Highly Specific and Efficient Enrichment of Glycopeptides	<i>Chem. Commun.</i>	2014 50, 11504-11506	SCI	<i>Yi-Wei Zhang, Ze Li, Qiang Zhao, Ying-Lin Zhou, Hu-Wei Liu and Xin-Xiang Zhang*</i>
550	Reporter-Triggered Isothermal Exponential Amplification Strategy in Ultrasensitive Homogeneous Label-Free Electrochemical Nucleic Acid Biosensing	<i>Chem. Commun.</i>	2014 50, 6211-6213	SCI	<i>Ji Nie, De-Wen Zhang, Fang-Ting Zhang, Fang Yuan, Ying-Lin Zhou * and Xin-Xiang Zhang*</i>

Methylene Blue as a G-
Quadruplex

551 Binding Probe for Label-Free
Homogeneous Electrochemical
Biosensing

	Monitoring of DNA Reaction Kinetics				Zhang, Ming-Zhe Zhao, Ying-Lin Zhou* and Xin-Xiang Zhang*
554	Hybridization Chain Reaction-Based Fluorescence Immunoassay using DNA Intercalating Dye for Signal Readout	<i>Analyst</i>	2014 139, 3378-3383.	SCI	Yan Deng, Ji Nie, Xiao-hui Zhang, Ming-Zhe Zhao, Ying-Lin Zhou * and Xin-Xiang Zhang*
555	Analysis of Endogenous Nucleotides by Single Cell Capillary Electrophoresis-Mass Spectrometry	<i>Analyst</i>	2014 139, 5835-5842	SCI	Jing-Xin Liu, Jordan T. Aerts, Stanislav S. Rubakhin, Xin-Xiang Zhang* and Jonathan V. Sweedler*
556	Layered Double Hydroxide-Hemin Nanocomposite as Mimeticperoxidase and Its Application in Sensing	<i>Sensors and Actuators B</i>	2014 192, 150-156	SCI	Fang-Ting Zhang, Xia Long, De-Wen Zhang, Yi-Lun Sun, Ying-Lin Zhou,* Yu-Rong Ma,* Li-Min Qi, Xin-Xiang Zhang*
557	Highly Sensitive Detection of Five Typical Fluoroquinolones in Low-fat Milk by Field-Enhanced Sample Injection-based CE in Bubble Cell Capillary	<i>Electrophoresis</i>	2014 35, 3355-3362	SCI	Yan Deng, Natalia Gasilova, Liang Qiao, Ying-Lin Zhou, Xin-Xiang Zhang,* Hubert H. Girault*
558	Differential Detection of Rhizoma Coptidis by Capillary Electrophoresis Electrospray Ionization Mass Spectrometry with a Nanospray Interface	<i>Electrophoresis</i>	2014 35, 3258-3263	SCI	Jing-Xin Liu, Yi-Wei Zhang, Fang Yuan, Hong-Xu Chen, Xin-Xiang Zhang*
559	A Label-Free	<i>Chem. Commun.</i>	2014,50,	SCI	Wenbo Zhao, Zhen

	Double-Amplification System for Sensitive Detection of Single-Stranded DNA and Thrombin by Liquid chromatography-mass spectrometry		9846-9848		<i>Qin, Chengsen Zhang, Meiping Zhao* and Hai Luo*</i>
560	Separation and Quantification of Four Isomers of Indole-3-acetyl-myo-inositol in Plant Tissues Using High-Performance Liquid Chromatography Coupled with Quadrupole Time-of-flight Tandem Mass Spectrometry	<i>Anal. Bioanal. Chem.</i>	2014,406, 3239-3247	SCI	<i>Tongbo Wu, Yuan Liang, Xiaocui Zhu, Meiping Zhao,* Huwei Liu</i>
561	Continuous Monitoring of Bisulfide Variation in Microdialysis Effluents by On-line Droplet-based Microfluidic Fluorescent Sensor	<i>Biosens. Bioelectron.</i>	2014,55, 438-445	SCI	<i>Xiaocui Zhu, Lei Xu, Tongbo Wu, Anqin Xu, Meiping Zhao,* Shaorong Liu*</i>
562	A Recombinant Estrogen Receptor Fragment-Based Homogeneous Fluorescent Assay for Rapid Detection of Estrogens	<i>Biosens. Bioelectron.</i>	2014,55, 391-395	SCI	<i>Dan Wang, Jiangbi Xie, Xiaocui Zhu, Jinqiu Li, Dongqin Zhao, and Meiping Zhao*</i>

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1	Organe di - Metallic Compounds(or Reagents)	2014	G. Barozzino-Consiglio, N. Duguet, M. Fustier-Boutignon, A. Harrison-Marchand, J. Maddaluno, N. Mézailles, R. E. Mulvey, H. Oulyadi, S. D. Robertson, M. Uchiyama, C. Wang, Z. Xi, S. Zhang , W.-X. Zhang
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1		PerkinElmer Opera	2015-7	45.47	100	154	0
2		Labcyte Echo520	2015-4	21.57	100	89	0
3		Waters Acquity UPLC H-Class/SQD 2	2016-1	97.63	100	65	0
4		PerkinElmer EnVision	2015-3	88.67	100	90	0
5		MicroCal PEAQ-ITC	2016-4	72.38	100	86	0
6		1200	2010.9	40.47	100	100	0
7		PE P341 LC	2000.10	31.42	100	65	0
8		7890-5977A	2016.3	38.82	100	86	0
9		Olympus IX73	2016.1	23	70	124	0
10		Hitachi, F7000	2011	23	95	78	0
11		Waters2545-QDa	201410	98.09	16.67%	5153	529
12	GC/MS		2012	42.8	80	150	0
13	LC/MS		2013	92.7	70	150	0
14		Bio-Rad. CHEMIDOC TOUCH	2016.1	25.27	95	1000	0
15		Bio-Teck Synergy H4	2012.10	52.06	90	1300	0
16		GE Typhoon FLA 9500	2014.1	78.53	85	1100	0
17		BD LSRFortessa	2013.4	194.37	95	1500	200
18		GE Ettan 2 D	2014.1	31.06	90	1000	0
19		Waters 2454	2012.10	54.67	95	1500	0
20		GE Ettan Spot Picker	2014.1	54.32	90	1000	0

21		Agilent Cary Eclipse	2013.3	22.27	95	800	0
22		Zeiss SteREO Discovery V.8	2014.12	19.08	98	1000	0
23		Beckman Allegra X-15R	2017.8	13.64	98	1200	0
24		Q Exactive Plus	2016.04	347.32	98	7200	1200
25		1260DEADM15244	2016.03	34.63	98	7200	1000
26		ChemDoc MP	2014.04	31.33	95	1500	0
27		Q Exactive	2014.09	311.18	98	7200	800
28		OPTIMA MAX-XP	2014.05	25.50	95	1500	0
29		Ultimate 3000 RSLCnano	2018.09	46.97	98	2000	0
30		LCQ Fleet	2016.04	66.65	98	1200	0
31		Q-Exactive Plus	2018.02	380.29	98	7000	800
32	CESI 8000	AB Sciex CESI 8000	2015 12	50.6	50	30 /	0
33		CFX Connect	2015 12	20.3	70	10 /	0

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Thermo Ultimate
3000 RSL Cnano

36		BioTek Synergy H1	2017 6	27.2	70	10 /	0
37		Beckman, Optima XPN100	201403	61.6	60	50	0
38	/	AB Sciex, 5500	201409	184.5	99	100	0
39	PCR	AB, ViiA 7	201303	57.3	80	300	0

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