

我校在《自然》发布的 2014 全球自然指数中有贡献的文章

我校教师在入选的 68 种期刊上发表的全部 24 篇文章信息如下表所示（以 FC 指数为序）：

序号	论文题目	期刊名称	时间	所有作者	单位排名	FC 指数
1	Coordination Polymer Submicrospheres: Fast Microwave Synthesis and Their Conversion under Different Atmospheres	Inorganic Chemistry	2014-8-18	Shengliang Zhong *, Hongyu Jing , Yuan Li , Shungao Yin , Chenghui Zeng , and Lei Wang *	1	1
2	The copper(I)-catalyzed tandem reaction of o-alkynylphenyl isothiocyanates with isocyanides: a rapid synthesis of 5H-benzo[d]imidazo[5,1-b][1,3]thiazines	Chemical Communications	2014-10-15	Wenyan Hao, ^a Jiangbo Zeng ^a and Mingzhong Cai ^{*a}	1	1
3	Silver-Mediated Selective Oxidative Cross-Coupling between C–H/P–H: A Strategy to Construct Alkynyl(diaryl)phosphine Oxide	Organic Letters	2015-1-2	Tao Wang †, Songtao Chen †, Ailong Shao †, Meng Gao †, Yangfei Huang †, and Aiwen Lei **†	1	0.92
4	Electrochemical Sensing and Biosensing Platform Based on Biomass-Derived Macroporous Carbon Materials	Analytical Chemistry	2014-2-4	Li Wang †, Qinying Zhang †, Shuiliang Chen †, Fugang Xu †, Shouhui Chen †, Jianbo Jia ‡, Hongliang Tan †, Haoqing Hou †, and Yonghai Song *†	1	0.89
5	λ , μ , ν /20000 plasmonic nanocavities with multispectral ultra-narrowband absorption for high-quality sensing	Applied Physics Letters	2014-2-24	Zheng-qi Liu ¹ , Hui-bai Shao ¹ , Gui-qiang Liu ^{1,a}), Xiao-shan Liu ¹ , Hai-qing Zhou ² , Ying Hu ¹ , Xiang-nan Zhang ¹ , Zheng-jie Cai ¹ and Gang Gu ^{1,a})	1	0.89
6	pH-Switchable Electrochemical Sensing Platform based on Chitosan-Reduced Graphene Oxide/Concanavalin A Layer for Assay of Glucose and Urea	Analytical Chemistry	2014-2-18	Yonghai Song †, Hongyu Liu †, Hongliang Tan †, Fugang Xu †, Jianbo Jia ‡, Lixue Zhang §, Zhuang Li ‡, and Li Wang *†	1	0.63
7	Synthesis of 2-Vinylbenzofurans via the Copper-Catalyzed Multicomponent Reactions Involving an Oxa-Michael/Arylation/Vinylation Cascade	Organic Letters	2014-10-3	Jie-Ping Wan **†, Hang Wang **†, Yunyun Liu †, and Hanfeng Ding *†	1	0.63

8	Copper-Catalyzed Direct Trifluoromethylation of Propiolates: Construction of Trifluoromethylated Coumarins	Organic Letters	2014-8-15	Yuewen Li †, Yuan Lu *‡, Guanyinsheng Qiu §, and Qiuping Ding *†	1	0.5
9	Kinetic Resolution of 2-Substituted 2,3-Dihydro-4-pyridones by Palladium-Catalyzed Asymmetric Allylic Alkylation: Catalytic Asymmetric Total Synthesis of Indolizidine (-)-209I	Organic Letters	2014-4-4	Bai-Lin Lei †, Qing-Song Zhang †, Wei-Hua Yu §, Qiu-Ping Ding §, Chang-Hua Ding *†, and Xue-Long Hou *†‡	2	0.33
10	An aqueous rechargeable battery based on zinc anode and Na _{0.95} MnO ₂	Chemical Communications	2014-2-5	Baihe Zhang, ^{ab} Yu Liu, ^{ab} Xiongwei Wu, ^c Yaqiong Yang, ^a Zheng Chang, ^a Zubiao Wen ^{*b} and Yuping Wu ^{*ac}	2	0.29
11	A precision structural model for fullerenols	Chemical Science	2014-8-31	Zhenzhen Wang, ^{ab} Xueling Chang, ^a Zhanghui Lu, ^b Min Gu, ^c Yuliang Zhao ^{*a} and Xingfa Gao ^{*a}	2	0.25
12	An acid-free rechargeable battery based on PbSO ₄ and spinel LiMn ₂ O ₄	Chemical Communications	2014-11-20	Yu Liu, ^{abc} Zubiao Wen, ^{*b} Xiongwei Wu, ^{*a} Xiaowei Wang, ^d Yuping Wu ^{*ad} and Rudolf Holze ^{*c}	2	0.22
13	Construction of N-containing heterocycles via oxidative intramolecular N ⁺ H/X ⁺ H coupling	Chemical Communications	2015-1-29	Jiwen Yuan, ^a Chao Liu ^{*a} and Aiwen Lei ^{*ab}	2	0.17
14	Pd–Ni Alloy Nanoparticle/Carbon Nanofiber Composites: Preparation, Structure, and Superior Electrocatalytic Properties for Sugar Analysis	Analytical Chemistry	2014-6-17	Qiaohui Guo †, Dong Liu †, Xueping Zhang †, Libo Li †, Haoqing Hou ‡, Osamu Niwa #, and Tianyan You *†	2	0.14
15	Copper-catalysed oxidative C ⁺ H/C ⁺ H coupling between olefins and simple ethers	Chemical Communications	2014-4-8	Dong Liu, ^a Chao Liu, ^a Heng Li ^a and Aiwen Lei ^{*ab}	2	0.13
16	Fe-Catalysed oxidative C ⁺ H/N ⁺ H coupling between aldehydes and simple amides	Chemical Communications	2014-5-11	ing Wang, ^a Chao Liu, ^a Jiwen Yuan ^a and Aiwen Lei ^{*ab}	2	0.13
17	Palladium catalysed β -selective oxidative Heck reaction of an electron-rich olefin	Chemical Communications	2014-2-1	Lingkui Meng, ^a Chao Liu, ^a Wei Zhang, ^a Chao Zhou ^a and Aiwen Lei ^{*ab}	2	0.1
18	I ₂ -catalyzed oxidative C(sp ³) ⁺ H/S ⁺ H coupling: utilizing alkanes and mercaptans as the nucleophiles	Chemical Communications	2014-12-1	Jiwen Yuan, ^a Xu Ma, ^a Hong Yi, ^a Chao Liu ^a and Aiwen Lei ^{*ab}	2	0.1
19	Relay cooperation of K ₂ S ₂ O ₈ and O ₂ in oxytrifluoromethylation of alkenes using CF ₃ SO ₂ Na	Chemical Communications	2014-11-28	Qingquan Lu, ^a Chao Liu, ^a Zhiyuan Huang, ^a Yiyang Ma, ^a Jian Zhang ^a and Aiwen Lei ^{*ab}	2	0.08

20	Trisulfur Radical Anion as the Key Intermediate for the Synthesis of Thiophene via the Interaction between Elemental Sulfur and NaO t Bu	Organic Letters	2014-12-5	Guoting Zhang [†] , Hong Yi [†] , Hong Chen [†] , Changliang Bian [†] , Chao Liu ^{††} , and Aiwen Lei ^{††}	2	0.08
21	Revealing the metal-like behavior of iodine: an iodide-catalysed radical oxidative alkenylation	Chemical Communications	2014/5/4	Shan Tang, ^a Yong Wu, ^a Wenqing Liao, ^a Ruopeng Bai, ^a Chao Liu ^a and Aiwen Lei ^{*ab}	2	0.08
22	A series of blue supramolecular polymers with different counterions for polymer light-emitting diodes	Chemical Communications	2014-8-7	Jie Zhang, ^a Sheng Dong, ^a Kai Zhang, ^a Aihui Liang, ^{ab} Xiye Yang, ^a Fei Huang ^{*a} and Yong Cao ^a	2	0.07
23	Palladium-Catalyzed Oxidative Carbonylation of N-Allylamines for the Synthesis of β -Lactams	Angewandte Chemie International Edition	2014-2-24	Wu Li ¹ , Dr. Chao Liu ¹ , Prof. Heng Zhang ¹ , Keyin Ye ³ , Guanghui Zhang ¹ , Wangzheng Zhang ¹ , Zhengli Duan ¹ , Prof. Shuli You ^{3,*} and Prof. Aiwen Lei ^{1,2,*}	2	0.06
24	Synthesis of 6-acyl phenanthridines by oxidative radical decarboxylation-cyclization of α -oxocarboxylates and isocyanides	Chemical Communications	2014-3-3	Jie Liu, ^a Chao Fan, ^a Hongyu Yin, ^a Chu Qin, ^a Guoting Zhang, ^a Xu Zhang, ^a Hong Yi ^a and Aiwen Lei ^{*ab}	2	0.06