

2018年中科院纳米系统与多级次制造重点实验室发表论文一览表

序号	论文名称	期刊名称	卷、期、页	收录类型	是否为1区论文	作者	通讯作者	完成情况
1.	Facile Integration between Si and Catalyst for High-Performance Photoanodes by a Multifunctional Bridging Layer	Nano Letters	18, 1516-1521	SCI 收录	是	Beidou Guo, Aisha Batool, Guancai Xie, Rajender Boddula, Liangqiu Tian, Saad Ullah Jan, Jian Ru Gong*	官建茹	独立完成
2.	Low-Temperature and Fast Kinetics for CO <sub>2</sub> Sorption Using Li <sub>6</sub> WO <sub>6</sub> Nanowires	Nano Letters	18, 4891-4899	SCI 收录	是	Muhammad Zain Akram, Veerendra Atla, Apolo Nambo, Babajide Patrick Ajayi, Jacek B. Jasinski, Juan He, Jian Ru Gong, * Mahendra Sunkara*	官建茹	非第一完成人(非独立完成)
3.	Vertically Aligned Porous Organic Semiconductor Nanorod Array Photoanodes for Efficient Charge Utilization	Nano Letters	18, 5954-5960	SCI 收录	是	Beidou Guo, Liangqiu Tian, Wenjing Xie, Aisha Batool, Guancai Xie, Qin Xiang, Saad Ullah Jan, Rajender Boddula, Jian Ru Gong*	官建茹	独立完成

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4.	Antibacterial Carbon-Based Nanomaterials	Advanced?Materials	e1804838	SCI收录	是	Qi Xin, Hameed Shah, Asmat Nawaz, Wenjing Xie, Muhammad Zain Akram, Aisha Batool, Liangqiu Tian, Saad Ullah Jan, Rajender Boddula, Beidou Guo,* Qian Liu,Jian Ru Gong*	郭北斗, 刘前, 官建茹	独立完成
5.	Single-Step Fabrication of Visible-Light-Active ZnO-GaN:ZnO Branched Nanowire Array Photoanodes for Efficient Water Splitting	ACS?Applied?Energy?Materials	1, 3529-3536	其它	否	Yasir Abbas,?Zareen Zuhra,?Naeem Akhtar,?Shafqat Ali, and?Jian Ru Gong*	官建茹	独立完成
6.	beta-Cyclodextrin Functionalized Nanoporous Graphene Oxides for Efficient Resolution of Asparagine Enantiomers	Chemistry-An?Asian?Journal	13(19), 2812-2817	SCI收录	否	Qie, Fengxiang; Guo, Jiahui; Tu, Bin; Zhao, Xing; Zhang, Yuchun; Yan, Yong*	鄢勇	独立完成
7.	Magnetoresistance of a self-assembled polyaniline single microfiber	Journal?of?Materials?Science	53(20), 14850-14857	SCI收录	否	Chang, Lei; Wang, Xin; Zhang, Yuchun*; Li, Hui; Yan, Yong*	张余春, 鄢勇	独立完成

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8.	All carbon materials pn diode	Nature?Communications	9, 3750	SCI 收录	否	Feng, Xiaojing; Zhao, Xing; Yang, Liu; Li, Mengyao; Qie, Fengxiang; Guo, Jiahui; Zhang, Yuchun; Li, Tiehu; Yuan, Wenxia; Yan, Yong*	鄢勇	独立完成
9.	Enhanced performance of perovskite solar cells by ultraviolet-ozone treatment of mesoporous TiO2	Applied?Surface?Science	436, 596-602	SCI 收录	是	Wang, Zengze; Fang, Jin; Mi, Yang; Zhu, Xiaoyang; Ren, He; Liu, Xinfeng; Yan, Yong*	鄢勇	独立完成
10.	Switchable?counterion?gradients?around?charged?metallic nanoparticles enable reception of radio waves	Science?Advances	4(10), eaau3546	SCI 收录	否	Xing Zhao; Bin Tu; Mengyao Li; Xiaojing Feng; Yuchun Zhang; Qiaojun Fang; Tiehu Li; Bartosz A. Grzybowski*; Yong Yan*	鄢勇	独立完成
11.	Chemical Growth of 1T-TaS2 Monolayer and Thin Films: Robust Charge Density Wave Transitions and High Bolometric Responsivity	Advanced?Materials	30(38), 1800074	SCI 收录	是	Xinsheng Wang, Haining Liu, Juanxia Wu, Junhao Lin, Wen He, Hui Wang, Xinghua Shi, Kazutomo Suenaga, Liming Xie*		非第一完成人(非独立完成)

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12.	Microporous membranes comprising conjugated polymers with rigid backbones enable ultrafast organic-solvent nanofiltration	Nature?Chemistry	10(9), 961-967	SCI 收录	是	Liang, B.; Wang, H.; Shi, X.; Shen, B.; He, X.; Ghazi, Z. A.; Khan, N. A.; Sin, H.; Khattak, A. M.; Li, L.;* Tang, Z.*		非第一完成人(非独立完成)
13.	Designed Self-Assembly of Peptides with G-Quadruplex/Hemin DNAzyme into Nanofibrils Possessing Enzyme-Mimicking Active Sites and Catalytic Functions	ACS?Catalysis	8(8), 7016-7024	SCI 收录	是	Zhen-Gang Wang*, Hui Wang, Qing Liu, Fangyuan Duan, Xinghua Shi*, and Baoquan Ding*	丁宝全, 施兴华	第一完成人(非独立完成)
14.	Confinement Impact for the Dynamics of Supported Metal Nanocatalyst	Small	14(29), 1801586	SCI 收录	是	Huimin Liu, Hui Wang, Zongwen Liu, Huajuan Ling, Cuifeng Zhou, Huawei Li, Catherine Stampfl, Xiaozhou Liao, Jiuling Wang, Xinghua Shi*, Jun Huang*	施兴华	非第一完成人(非独立完成)

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15.	Enantioseparation of Au-20(PP3)(4)Cl-4 Clusters with Intrinsically Chiral Cores	Angewandte Chemie International Edition	57(29), 9059-9063	SCI 收录	是	Zhu, Yanfei; Wang, Hui; Wan, Kaiwei; Guo, Jun; He, Chunting; Yu, Yue; Zhao, Luyang; Zhang, Yin; Lv, Jiawei; Shi, Lin; Jin, Renxi; Zhang, Xinxiang; Shi, Xinghua; Tang, Zhiyong	唐智勇	非第一完成人(非独立完成)
16.	Rapid transport of deformation-tuned nanoparticles across biological hydrogels and cellular barriers	Nature Communications	9, 2607	SCI 收录	否	Miaorong Yu#, Lu Xu#, Falin Tian#, Qian Su, Nan Zheng, Yiwei Yang, Jiuling Wang, Aohua Wang, Chunliu Zhu, Shiyao Guo, Xinxin Zhang, Yong Gan*, Xinghua Shi*, Huajian Gao*	施兴华	非第一完成人(非独立完成)
17.	Targeting Endothelial Cell Junctions with Negatively Charged Gold Nanoparticles	Chemistry of Materials	30(11), 3759-3767	SCI 收录	是	Wang, Jinping; Zhang, Luyao; Peng, Fei; Shi, Xinghua; Leong, David Tai	施兴华	非第一完成人(非独立完成)
18.	Metal-Organic-Framework-Derived Carbon Nanostructure Augmented Sonodynamic Cancer Therapy	Advanced Materials	30(23), 1800180	SCI 收录	是	Xueting Pan, Lixin Bai, Hui Wang, Qingyuan Wu, Hongyu Wang, Shuang Liu, Bolong Xu, Xinghua Shi, Huiyu Liu*		非第一完成人(非独立完成)

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19.	2D Chiroptical Nanostructures for High-Performance Photooxidants	Advanced?Functional?Materials	28(18), 1707237	SCI 收录	是	Liguang Xu#*, Maozhong Sun#,?Ping Cheng#, Rui Gao,?Hui Wang, Wei Ma,?Xinghua Shi*, Chuanlai Xu, Hua Kuang*	施兴华	非第一完成人(非独立完成)
20.	Diffusion of rod-like nanoparticles in non-adhesive and adhesive porous polymeric gels	Journal?of?the?Mechanics?and?Physics?of?Solids	112, 431-457	SCI 收录	否	Jiuling Wang#, Yiwei Yang#, Miaorong Yu, Guoqing Hu, Yong Gan*, Huajian Gao*,?Xinghua Shi*	施兴华	第一完成人(非独立完成)
21.	Determination of the packing model of a supramolecular nanofiber via mass-per-length measurement and de novo simulation	Nanoscale	10(29), 3990-3996	SCI 收录	是	Qingxin Yao#,?Qiang Bao#, Xinming Li,?Hui Wang, Zhenyu Yang,?Xinghua Shi*, Yuan Gao*, Bing Xu	施兴华	非第一完成人(非独立完成)
22.	Recent Advances in Nanozyme Research	Advanced Materials	1805368, 1-10	SCI 收录	是	Hui Wang, Kaiwei Wan,?Xinghua Shi*	施兴华	独立完成

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23.	Multiscale Modeling and Simulation of Nano-carriers Delivery through Biological Barriers - A Review	Advanced Theory and Simulations	1800105, 1-33	其它	否	Xinghua Shi*, Falin Tian*	施兴华, 田发林	独立完成
24.	Printable Metal-Polymer Conductors for Highly Stretchable Bio-Devices	iScience	4, 302-311	其它	否	Lixue Tang, Shiyu Cheng,?Luyao Zhang, Hanbing Mi, Lei Mou, Shuaijian Yang, Zhiwei Huang,?Xinghua Shi, Xingyu Jiang*		非第一完成人(非独立完成)
25.	Ultrasmall CoP Nanoparticles as Efficient Cocatalysts for Photocatalytic Formic Acid Dehydrogenation	Joule	2, 549-557	其它	否	Shuang Cao, Yong Chen*,?Hui Wang, Jie Chen,?Xinghua Shi, Hongmei Li,?Ping Cheng*, Xinfeng Liu*, Min Liu*, Lingyu Piao*	程平	非第一完成人(非独立完成)
26.	Interfacial Coupling between Noble Metal Nanoparticles and Metal-Organic Frameworks for Enhanced Catalytic Activity	Nanoscale	10, 16425-16430	SCI收录	是	Yongde Tong, Guangxin Xue, Hui Wang, Mei Liu, Jin Wang, Changlong Hao, Xiaofei Zhang, Dawei Wang, Xinghua Shi, Wei Liu*, Guodong Li*, Zhiyong Tang	施兴华	独立完成

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27.	肿瘤及其微环境的力学问题	力学进展	8, 48	EI 收录	否	施兴华*, 张路姚, 李博, 冯西桥*	施兴华	第一完成人(非独立完成)
28.	肿瘤力学生物学	医用生物力学	33(S1), 61-73	其它	否	冯西桥*, 薛时磊, 李博, 施兴华		非第一完成人(非独立完成)
29.	Interface-Governed Deformation of Nanobubbles and Nanotents Formed by Two-Dimensional Materials	Physical?Review?Letters	121, 266101-	SCI 收录	是	Zhaohe Dai, Yuan Hou, Daniel A. Sanchez, Guorui Wang, Christopher J. Brennan,Zhong Zhang, Luqi Liu,* Nanshu Lu,*	刘璐琪	第一完成人(非独立完成)
30.	Extended Hencky solution for the blister test of nanomembrane	Extreme Mechanics Letters	22, 69-78	SCI 收录	否	Yong Ma, Guorui Wang, Yuli Chen*, Deng Long, Yingchun Guan, Luqi Liu*, Zhong Zhang*	刘璐琪, 张忠	非第一完成人(非独立完成)
31.	Nanoindentation of Multilayer Two-dimensional Materials: An Experimental Study.	Experimental?Mechanics	33, 675-684	其它	否	J. Xiao, G. Wang, Z. Dai, H. Miao, L. Liu*, Z. Zhang*	刘璐琪, 张忠	独立完成
32.	Engineering the interface in mechanically responsive graphene-based films	RSC Advances	8, 36257-36263	SCI 收录	否	Yaqing Chen, Zhaohe Dai, Chuanxin Weng, Guorui Wang, Xuelu Liu, Xin Cong, Pingheng Tan, Luqi Liu *, Zhong Zhang*	刘璐琪, 张忠	独立完成



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33.	Self-healing thermoplastic polyurethane (TPU)/polycaprolactone (PCL)/multi-wall carbon nanotubes (MWCNTs) blend as shape-memory composites	Composites Science and Technology	168, 255-262	SCI 收录	是	Xiaohui Xu, Peidong Fan, Jia Ren, Yu Cheng, Junkai Ren, Jun Zhao*, Rui Song*	赵军	非第一完成人(非独立完成)
34.	Temperature-activated nanocomposite metamaterial absorber with wide tunability	Nano Research	11, 3931-3942	SCI 收录	是	Li WW, Zhao LY, Dai ZH, Jin H, Duan F, Zeng ZH, Zhang Z*	张忠	独立完成
35.	Tribological and mechanical properties of epoxy based nanocomposites with hybrid silica nanoparticles and wax-containing microcapsules	Composites Part A	107, 607-615	SCI 收录	否	? Imani A, Zhang H, Owais M, Zhao J, Chu PF, Yang JL, Zhang Z*	张忠	第一完成人(非独立完成)

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36.	Zwitterionic Covalent Organic Frameworks as Catalysts for Hierarchical Reduction of CO <sub>2</sub> with Amine and Hydrosilane	ACS Applied Materials & Interfaces	10(48), 41350–41358	SCI 收录	是	Zhen-Jie Mu, Xuesong Ding,* Zhi-Yan Chen,* Bao-Hang Han*	丁雪松, 韩宝航	独立完成
37.	Cyclomatrix Polyphosphazene Porous Networks with J?Aggregated Multiphthalocyanine Arrays for Dual-Modality Near-Infrared Photosensitizers	ACS Applied Materials & Interfaces	10(46), 40132–40140	SCI 收录	是	Jing Tan, Jittima Meeprasert, Yuxue Ding, Supawadee Namuangruk, Xuesong Ding,* Changchun Wang, Jia Guo*	丁宝全	非第一完成人(非独立完成)
38.	Nitrogen-Doped Porous Carbons Derived from Polypyrrole-Based Aerogels for Gas Uptake and Supercapacitors	ACS Applied Nano Materials	1(2), 609–614	其它	否	Ya-Nan Sun, Zhu-Yin Sui, Xin Li, Pei-Wen Xiao, Zhi-Xiang Wei,* Bao-Hang Han*	魏志祥, 韩宝航	独立完成

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39.	Cationic Polycarbazole Networks as Visible-Light Heterogeneous Photocatalysts for Oxidative Organic Transformations	ACS Catalysis	8(6), 5313–5322	SCI 收录	是	Hai-Peng Liang, Qi Chen,* Bao-Hang Han*	韩宝航	独立完成
40.	Rattle-Type Diamine-Functionalized Mesoporous Silica Sphere for Carbon Dioxide Adsorption	Journal of Nano Research	53, 13–21	SCI 收录	否	Ning Yuan,* Zhi-Wei Liu, Li-Yan Wang, Bao-Hang Han*	韩宝航	非第一完成人(非独立完成)
41.	Facile synthesis of diamine-functionalized hollow mesoporous silica sphere with self-templating method	Journal of Porous Materials	25(6), 1715–1721	SCI 收录	否	Ning Yuan,* Ya-Nan Sun, Zhi-Wei Liu, Bao-Hang Han*	韩宝航	非第一完成人(非独立完成)
42.	Effect of Porosity Parameters and Surface Chemistry on Carbon Dioxide Adsorption in Sulfur-Doped Porous Carbons	Langmuir	34(22), 6358–6366	SCI 收录	否	En-Jie Wang, Zhu-Yin Sui,* Ya-Nan Sun, Zhuang Ma,* Bao-Hang Han*	韩宝航	独立完成

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43.	Conjugated Microporous Polymers with Dense Sulfonic Acid Groups as Efficient Proton Conductors	Langmuir	34(26), 7640–7646	SCI 收录	否	Si-Jie Yang, Xuesong Ding,* Bao-Hang Han*	丁雪松, 韩宝航	独立完成
44.	Conjugated Microporous Polymers with Extended $\pi$ -Structures for Organic Vapor Adsorption	Macromolecules	51(3), 947–953	SCI 收录	是	Si-Jie Yang, Xuesong Ding,* Bao-Hang Han*	丁雪松, 韩宝航	独立完成
45.	Microporous Polycarbazole Materials: From Preparation and Properties to Applications	Macromolecular Rapid Communications	39(9), 1800040(1–11)	SCI 收录	否	Qi Chen, Bao-Hang Han*	韩宝航	独立完成
46.	Nitrogen-doped carbon aerogels with high surface area for supercapacitors and gas adsorption	Materials Today Communications	16, 1–7	SCI 收录	否	Fan-Yue Zeng, Zhu-Yin Sui,* Shan Liu, Hai-Peng Liang, Han-Hui Zhan,* Bao-Hang Han*	隋竹银, 韩宝航	独立完成

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47.	Preparation of hierarchically porous sulfur- and oxygen-codoped carbon for gas uptake and lithium-ion battery	Microporous and Mesoporous Materials	264, 118-124	SCI 收录	否	Pei-Ying Zhang, Zhu-Yin Sui,* En-Jie Wang, Yu-Wen Liu,* Bao-Hang Han*	隋竹银, 韩宝航	独立完成
48.	Hypercrosslinked porous polycarbazoles from carbazolyl-bearing aldehydes or ketones	Polymer	143, 87-95	SCI 收录	否	Rong-Rong Zhang, Qing Yin, Hai-Peng Liang, Qi Chen,* Wei-Hua Luo,* Bao-Hang Han*	韩宝航	独立完成
49.	基于氧化偶联聚合制备的共轭多孔聚吡啶及相关性能研究进展	高分子通报	(6), 1-8	其它	否	陈琦, 张荣荣, 韩宝航*	韩宝航	独立完成
50.	有机多孔材料后修饰官能化方式研究进展	高分子通报	(6), 172-181	其它	否	穆振杰, 丁雪松,* 陈志彦,* 韩宝航*	丁雪松, 韩宝航	独立完成
51.	生物质基氮掺杂多级次孔碳材料制备及其锂硫电池性能	科学通报	63(35), 3843-3854	EI 收录	否	栗敬敬, 杨照瑾, 赵丽,* 周航宇, 刘玉文,* 韩宝航*	赵丽, 韩宝航	独立完成

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52.	Nitrogen-doped and nanostructured carbons with high surface area for enhanced oxygen reduction reaction	Carbon	126, 111-118	SCI 收录	是	Zhu-Yin Sui, Xin Li, Zhen-Yu Sun,* Heng-Cong Tao, Pei-Ying Zhang, Li Zhao, Bao-Hang Han*	韩宝航	独立完成
53.	Polyaniline-derived hierarchically porous nitrogen-doped carbons as gas adsorbents for carbon dioxide uptake	Microporous and Mesoporous Materials	257, 85-91	SCI 收录	否	Xin Li, Zhu-Yin Sui,* Ya-Nan Sun, Pei-Wen Xiao, Xu-Yun Wang,* Bao-Hang Han*	隋竹银, 韩宝航	独立完成
54.	Phase Engineering of Perovskite Materials for High-Efficiency Solar Cells: Rapid Conversion of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> to Phase-Pure CH <sub>3</sub> NH <sub>3</sub> PbCl <sub>3</sub> via Hydrochloric Acid Vapor Annealing Post-Treatment	ACS Applied Materials & Interfaces	10, 1897-1908	SCI 收录	是	Weiran Zhou, Pengcheng Zhou, Xunyong Lei, Zhimin Fang, Mengmeng Zhang, Qing Liu, Tao Chen, Hualing Zeng, Liming Ding,* Jun Zhu, Songyuan Dai, Shangfeng Yang*	DINGLIMING	第一完成人(非独立完成)

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55.	A carbon-oxygen-bridged hexacyclic ladder-type building block for low-bandgap nonfullerene acceptors	Materials Chemistry Frontiers	2, 700-703	其它	否	Ting Li, Honghong Zhang, Zuo Xiao, Jeromy J. Rech, Helin Niu*, Wei You* and Liming Ding*	DINGLIMING	第一完成人(非独立完成)
56.	One-Step Roll-to-Roll Air Processed High Efficiency Perovskite Solar Cells	Nano energy	46, 185-192	SCI 收录	是	Chuantian Zuo, Doojin Vaka, Dechan Angmoa, Liming Ding* and Mei Gao*	DINGLIMING	第一完成人(非独立完成)
57.	A Thieno [3,2-c] Isoquinolin-5(5H)-One Building Block for Efficient Thick-Film Solar Cells	Advanced Energy Materials	8, 1800397	SCI 收录	是	Dan Li, Zuo Xiao, Shizhe Wang, Xinjian Geng, Shangfeng Yang*, Junfeng Fang*, Huai Yang* and Liming Ding*	DINGLIMING	第一完成人(非独立完成)
58.	Improving Photovoltaic Performance of a Fused-Ring Azepinedione Copolymer via a D-A-A Design	Macromolecular Rapid Communications	39, 1700882	SCI 收录	否	Honghong Zhang, Ting Li, Zuo Xiao, Zhongli Lei* and Liming Ding*	DINGLIMING	第一完成人(非独立完成)

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59.	Thermostable single-junction organic solar cells with a power conversion efficiency of 14.62%	Science Bulletin	63, 340-342	SCI 收录	否	Hui Li, XiaoZuo, Liming Ding* and Jizheng Wang*	DINGLIMING	第一完成人(非独立完成)
60.	A lead-free two-dimensional perovskite for a high-performance flexible photoconductor and a light-stimulated synaptic device	Nanoscale	10, 6837-6843	SCI 收录	是	Liu Qian, Yilin Sun, Mingmao Wu, Chun Li, Dan Xie*, Liming Ding* and Gaoquan Shi*	DINGLIMING	第一完成人(非独立完成)
61.	CsAg <sub>2</sub> Sb <sub>2</sub> I <sub>9</sub> solar cells	Inorganic Chemistry Frontiers	5, 1690-1693	SCI 收录	是	Zhimin Fang, Shizhe Wang, Shangfeng Yang* and Liming Ding*	DINGLIMING	第一完成人(非独立完成)
62.	A low-temperature solution-processed copper antimony iodide rudorffite for solar cells	Science China-Materials	62, 54-58	SCI 收录	否	Xue Jia and Liming Ding*	DINGLIMING	独立完成
63.	Understanding the side-chain effects on A-D-A acceptors: in-plane and out-of-plane	Materials Chemistry Frontiers	2, 1563-1567	其它	否	Qishi Liu, Zuo Xiao, Ting Li, Shangfeng Yang*, Wei You*, Mingkui Wang* and Liming Ding*	DINGLIMING	第一完成人(非独立完成)



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64.	A heptacyclic carbon-oxygen-bridged ladder-type building block for A-D-A acceptors	Materials Chemistry Frontiers	2, 1716-1719	其它	否	Ke Jin, Chenyu Deng, Lei Zhang, Dan Li, Ting Li, Feng Wang*, Yongbo Yuan*, Zuo Xiao* and Liming Ding*	肖作, DINGLIMING	第一完成人(非独立完成)
65.	Organic and solution-processed tandem solar cells with 17.3% efficiency	Science	361, 1094-1098	SCI 收录	是	Lingxian Meng, Yamin Zhang, Xiangjian Wan*, Chenxi Li, Xin Zhang, Yanbo Wang, Xin Ke, Zuo Xiao, Liming Ding*, Ruoxi Xia, Hin-Lap Yip, Yong Cao, Yongsheng Chen*	DINGLIMING	第一完成人(非独立完成)
66.	Over 13% Efficiency Ternary Nonfullerene Polymer Solar Cells with Tilted Up Absorption Edge by Incorporating a Medium Bandgap Acceptor	Advanced Energy Materials	8, 1801968	SCI 收录	是	Miao Zhang, Zuo Xiao, Wei Gao, Qishi Liu, Ke Jin, Wenbin Wang, Yang Mi, Qiaoshi An, Xiaoling Ma, Xinfeng Liu, Chuluo Yang*, Liming Ding* and Fujun Zhang*	DINGLIMING	第一完成人(非独立完成)

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67.	Carbon–Oxygen-Bridged Ladder-Type Building Blocks for Highly Efficient Nonfullerene Acceptors	Advanced Materials	1804790	SCI 收录	是	Zuo Xiao, Shangfeng Yang, Zhou Yang, Junliang Yang, Hin-Lap Yip, Fujun Zhang, Feng He, Tao Wang, Jizheng Wang, Yongbo Yuan*, Huai Yang*, Mingkui Wang* and Liming Ding*	DINGLIMING	第一完成人(非独立完成)
68.	Simultaneously improved efficiency and average visible transmittance of semitransparent polymer solar cells with two ultra-narrow bandgap nonfullerene acceptors	Journal of Materials Chemistry A	6, 21485-21492	SCI 收录	是	Xiaoling Ma, Zuo Xiao, Qiaoshi An, Miao Zhang, Zhenghao Hu, Jianxiao Wang, Liming Ding* and Fujun Zhang*	DINGLIMING	第一完成人(非独立完成)
69.	Highly Efficient Perovskite Solar Cells via Nickel Passivation	Advanced Functional Materials	28, 1804286	SCI 收录	是	Xiu Gong, Li Guan, Haiping Pan, Qiang Sun, Xiaojuan Zhao, Hao Li, Han Pan, Yan Shen, Yong Shao, Lijie Sun, Zhifang Cui, Liming Ding* and Mingkui Wang*	DINGLIMING	第一完成人(非独立完成)

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70.	NIR to Visible Light Upconversion Devices Comprising an NIR Charge Generation Layer and a Perovskite Emitter	Advanced Optical Materials	6, 1801084	SCI 收录	是	Ning Li, Ying Suet Lau, Zuo Xiao, Liming Ding* and Furong Zhu*	DINGLIMI NG	第一完成人(非独立完成)
71.	Beyond Metal Oxides: Introducing Low-Temperature Solution-Processed Ultrathin Layered Double Hydroxide Nanosheets into Polymer Solar Cells Toward Improved Electron Transport	Solar?RRL	1800299	其它	否	Qing Liu, Xiang Chen, Wanpei Hu, Mengmeng Zhang, Liming Ding*, Mingtai Wang, Qiquan Qiao, Shangfeng Yang*	DINGLIMI NG	第一完成人(非独立完成)
72.	Self-Assembled Two-Dimensional Perovskites Layers for Efficient Printable Solar Cells	Advanced Energy Materials	1803258	SCI 收录	是	Chuantian Zuo, Andrew D. Scully, Doojin Vak, Wenliang Tan, Xuechen Jiao, Christopher R. McNeill, Dechan Angmo, Liming Ding* and Mei Gao*	DINGLIMI NG	第一完成人(非独立完成)

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73.	A DNA nanorobot functions as a cancer therapeutic in response to a molecular trigger in vivo	Nature Biotechnology	36, 258-264	SCI 收录	是	Suping Li, Qiao Jiang, Shaoli Liu, Yinlong Zhang, Yanhua Tian, Chen Song, Jing Wang, Yiguo Zou, Gregory J Anderson, Jing-Yan Han, Yung Chang, Yan Liu, Chen Zhang, Liang Chen, Guangbiao Zhou, Guangjun Nie*, Hao Yan*, Baoquan Ding*, Yuliang Zhao*	丁宝全	第一完成人(非独立完成)
74.	A Tailored DNA NanoplatforM for Synergistic RNAi-/Chemo – Therapy of Multidrug-Resistant Tumors	Angewandte Chemie International Edition	57, 15486–15490	SCI 收录	是	Jianbing Liu, Linlin Song, Shaoli Liu, Shuai Zhao, Qiao Jiang, Baoquan Ding*	丁宝全	独立完成
75.	Rationally Designed DNA-Origami Nanomaterials for Drug Delivery In Vivo	Advanced Materials	180475(1-6)	SCI 收录	是	Qiao Jiang, Shaoli Liu, Jianbing Liu, Zhen-Gang Wang, Baoquan Ding*	丁宝全	独立完成
76.	Self-assembled Double Bundle DNA Tetrahedron for Efficient Antisense Delivery	ACS Applied Materials Interfaces	10, 23693-23699	SCI 收录	是	Juanjuan Yang, Qiao Jiang, Lin He, Pengfei Zhan, Qing Liu, Shaoli Liu, Meifang Fu, Jianbing Liu*, Can Li*, and Baoquan Ding*	丁宝全, 刘建兵	第一完成人(非独立完成)

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77.	Surface-Guided Chemical Processes on Self-Assembled DNA Nanostructures	Langmuir	34(49), 14954-14962	SCI 收录	否	Zhen-Gang Wang, Na Li, Ting Wang and Baoquan Ding*	丁宝全	独立完成
78.	A DNA-Based Nanocarrier for Efficient Gene Delivery and Combined Cancer Therapy	Nano Letters	18, 3328-3334	SCI 收录	是	Jianbing Liu, Linlin Song, Shaoli Liu, Qiao Jiang, Qing Liu, Na Li, Zhen-Gang Wang, and Baoquan Ding*	丁宝全	独立完成
79.	Multifunctional nucleic acid nanostructures for gene therapies	Nano Research	11, 5017-5027	SCI 收录	是	Jianbing Liu, Zhengang Wang, Shuai Zhao, and Baoquan Ding*	丁宝全	独立完成
80.	A bumpy gold nanostructure exhibiting DNA engineered stimuli-responsive SERS signals	Nanoscale	10, 9455-9459	SCI 收录	是	Yingxu Shang, Jia Shi, Huan Liu, Xinfeng Liu, Zhen-Gang Wang* and Baoquan Ding*	丁宝全	独立完成

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81.	DNA Origami Directed Assembly of Gold Bowtie Nanoantennas for Single-Molecule Surface-Enhanced Raman Scattering	Angewandte Chemie International Edition	57, 2846-2850	SCI 收录	是	Pengfei Zhan, Te Wen, Zhen-gang Wang, Yingbo He, Jia Shi, Ting Wang, Xinfeng Liu, Guowei Lu, and Baoquan Ding*	丁宝全	独立完成
82.	Control over the emerging chirality insupramolecular gels and solutions by chiral microvortices in milliseconds	Nature Communications	9, 1-8	SCI 收录	否	Jiashu Sun*#, Yike Li#, Fusheng Yan#, Chao Liu#, Yutao Sang, Fei Tian, Qiang Feng, Pengfei Duan, Li Zhang, Xinghua Shi, Baoquan Ding* and Minghua Liu*	丁宝全, 施兴华	第一完成人(非独立完成)
83.	Highly efficient visible-light driven photocatalytic reduction of CO <sub>2</sub> over g-C <sub>3</sub> N <sub>4</sub> nanosheets/tetra(4-carboxyphenyl)porphyrin iron(III) chloride heterogeneous catalysts	Applied Catalysis B-Environmental	221, 312-319	SCI 收录	是	Lin Lin, Chunchao Hou, Xuehua Zhang,* Yanjie Wang, Yong Chen,* Tao He*	张雪华, 贺涛	第一完成人(非独立完成)

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84.	Common-cation based Z-scheme ZnS@ZnO core-shell nanostructure for efficient solar-fuel production	Applied Catalysis B-Environmental	238, 518-524	SCI 收录	是	Pan Li, Tao He*	贺涛	独立完成
85.	Highly efficient visible-light driven solar-fuel production over tetra(4-carboxyphenyl)porphyrin iron(III) chloride using CdS/Bi <sub>2</sub> S <sub>3</sub> heterostructure as photosensitizer	Applied Catalysis B-Environmental	238, 656-663	SCI 收录	是	Pan Li, Xuehua Zhang,* Chunchao Hou, Yong Chen,* Tao He*	张雪华, 贺涛	第一完成人(非独立完成)
86.	Interfacial charge kinetics of ZnO/ZnTe heterostructured nanorod arrays for CO <sub>2</sub> photoreduction	Electrochimica Acta	272, 203-211	SCI 收录	是	Muzaffar Iqbal, Yanjie Wang, Haifeng Hu, Meng He, Aamir Hassan Shah, Pan Li, Lin Lin, Abebe Reda Woldu, Tao He*	贺涛	独立完成

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87.	Visible-light driven CO <sub>2</sub> photoreduction over Zn <sub>x</sub> Cd <sub>1-x</sub> S solid solution coupling with tetra(4-carboxyphenyl)porphyrin iron(III) chloride	Physical Chemistry Chemical Physics	20(25), 16985-16991	SCI 收录	否	Pan Li, Xuehua Zhang,* Chunchao Hou, Lin Lin, Yong Chen,* Tao He*	张雪华, 贺涛	第一完成人(非独立完成)
88.	Modification of Ag nanoparticles on the surface of SrTiO <sub>3</sub> particles and resultant influence on photoreduction of CO <sub>2</sub>	Applied Surface Science	434, 717-724	SCI 收录	否	Kunjuan Shao, Yanjie Wang, Muzaffar Iqbal, Lin Lin, Kai Wang, Xuehua Zhang, Meng He, Tao He*	贺涛	独立完成
89.	Cu <sub>2</sub> O-tipped ZnO nanorods with enhanced photoelectrochemical performance for CO <sub>2</sub> photoreduction	Applied Surface Science	443, 209-216	SCI 收录	否	Muzaffar Iqbal, Yanjie Wang, Haifeng Hu, Meng He, Aamir Hassan Shah, Lin Lin, Pan Li, Kunjuan Shao, Abebe Reda Woldu, Tao He*	贺涛	独立完成



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90.	Modulation of oxygen vacancy in hydrangea-like ceria via Zr doping for CO2 photoreduction	Applied Surface Science	452, 498–506	SCI 收录	否	Lu Li, Pan Li, Yanjie Wang, Lin Lin, Aamir Hassan Shah, Tao He*	贺涛	独立完成
91.	Ethylenediamine-functionalized CdS/tetra(4-carboxyphenyl)porphyrin iron(III) chloride hybrid system for enhanced CO2 photoreduction	Applied Surface Science	459, 292–299	SCI 收录	否	Pan Li, Xuehua Zhang,* Chunchao Hou, Yong Chen,* Tao He*	张雪华, 贺涛	第一完成人(非独立完成)
92.	Revisiting electrochemical reduction of CO2 on Cu electrode: Where do we stand about the intermediates?	Journal of Physical Chemistry C	122(32), 18528–18536	SCI 收录	是	Aamir Hassan Shah, Yanjie Wang, Abebe Reda Woldu, Lin Lin, Muzaffar Iqbal, David Cahen, Tao He*	贺涛	独立完成

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93.	Synergistic effect of charge generation and separation in epitaxially grown BiOCl/Bi <sub>2</sub> S <sub>3</sub> nano-heterostructure	ACS Applied Materials & Interfaces	10 (17), 15304–15313	SCI 收录	是	Yanjie Wang, Jiarui Jin, Weiguo Chu, David Cahen, Tao He*	贺涛	独立完成
94.	Photocorrosion-limited maximum efficiency of solar photoelectrochemical water splitting	Physical Review Applied	10 (6), 64059	SCI 收录	是	Lingju Guo, Junwei Luo,* Tao He, Suhuai Wei, Shushen Li		第一完成人(非独立完成)
95.	Microemulsion Assisted Assembly of 3D Porous S/Graphene@g-C <sub>3</sub> N <sub>4</sub> Hybrid Sponge as Free-Standing Cathodes for High Energy Density Li–S Batteries	Advanced Energy Materials	8(14), 1702839-10	SCI 收录	是	Juan Zhang, Jin-Yi Li, Wen-Peng Wang, Xing-Hao Zhang, Xing-Hua Tan, Wei-Guo Chu, Yu-Guo Guo	褚卫国	第一完成人(非独立完成)

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96.	Interpenetrating Triphase Cobalt-Based Nanocomposites as Efficient Bifunctional Oxygen Electrocatalysts for Long-Lasting Rechargeable Zn-Air Batteries	Advanced Energy Materials	8(15), 1702900-11	SCI 收录	是	Yi Jiang, Ya-Ping Deng, Jing Fu, Dong Un Lee, Ruilin Liang, Zachary Paul Cano, Yangshuai Liu, Zhengyu Bai, Sooyeon Hwang, Lin Yang, Dong Su, Weiguo Chu, and Zhongwei Chen	褚卫国	第一完成人(非独立完成)
97.	Highly sensitive and stable SERS probes of alternately deposited Ag and Au layers on 3D SiO <sub>2</sub> nanogrids for detection of trace mercury ions	Chinese Physics B	27(7), 077406-10	SCI 收录	否	Tian, Y, Wang HF, Yan LQ, Zhang XF, Falak, A, Chen PP, Dong FL, Sun LF, Chu WG	褚卫国, 孙连峰	第一完成人(非独立完成)
98.	Rochon-Prism-Like Planar Circularly Polarized Beam Splitters Based on Dielectric Metasurfaces	ACS Photonics	5(5), 1660-1664	SCI 收录	是	Wang, B, Dong, FL, Feng, H, Yang, D, Song, ZW, Xu, LH, Chu, WG, Gong, QH, Li, Y	褚卫国	非第一完成人(非独立完成)

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99.	Polarization-dependent scattering properties of single-crystalline silicon nanocylindroids	Optical Materials Express	8(3), 503-510	SCI 收录	否	Li, ZQ, Chen, YQ, Zhu, XP, Zheng, MJ, Dong, FL, Chen, PP, Xu, LH, Chu, WG, Chen, KQ, Duan, HG	褚卫国	非第一完成人(非独立完成)
100.	Polarization Encoded Color Image Embedded in a Dielectric Metasurface	Advanced Materials	30(21), 1707499-6	SCI 收录	是	Zang, XF, Dong, FL, Yue, FY, Zhang, CM, Xu, LH, Song, ZW, Chen, M, Chen, PY, Buller, GS, Zhu, YM, Zhuang, SL, Chu, WG, Zhang, S, Chen, XZ	褚卫国	非第一完成人(非独立完成)
101.	Anchoring black phosphorus quantum dots on molybdenum disulfide nanosheets: a 0D/2D nanohybrid with enhanced visible - and NIR - light photoactivity	Applied Catalysis B: Environmental	238, 444-452	SCI 收录	是	Feng, Rongjuan; Lei, Wanying; Sui, Xinyu; Liu, Xinfeng; Qi, Xiaoying; Tang, Kun; Liu, Gang; Liu, Minghua*	刘鸣华	第一完成人(非独立完成)

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102.	Roles of Long-Range Hopping, Quantum Nuclear Effect, and Exciton Delocalization in Exciton Transport in Organic Semiconductors: A Multiscale Study	Journal of Physical Chemistry C	122(32), 18365-18375	SCI 收录	否	Jiang, Yuqian*; Shuai, Zhigang*; Liu, Minghua	江昱倩	第一完成人(非独立完成)
103.	Self-Assembly of 1D Helical Nanostructures into Higher Order Chiral Nanostructures in Supramolecular Systems	ChemNanoMat	4(8), 720-729	SCI 收录	否	Jiang, Hejin; Zhang, Li*; Liu, Minghua*	刘鸣华	非第一完成人(非独立完成)
104.	Hybrid 0D-2D black phosphorus quantum dots-graphitic carbon nitride nanosheets for efficient hydrogen evolution	Nano Energy	50, 552-561	SCI 收录	是	Lei, Wanying; Mi, Yang; Feng, Rongjuan; Liu, Ping; Hu, Song; Yu, Jiaguo; Liu, Xinfeng; Rodriguez, Jose A.; Wang, Ji-ou; Zheng, Lei; Tang, Kun; Zhu, Sixu; Liu, Gang*; Liu, Minghua*	刘鸣华	非第一完成人(非独立完成)

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105.	Self-Assembly of Amphiphilic Dipeptide with Homo- and Heterochiral Centers and Their Application in Asymmetric Aldol Reaction	ACS?Omega	3(7), 8329-8336	SCI 收录	否	Bhowmick, Sudipto; Zhang, Li; Ouyang, Guanghui; Liu, Minghua*	刘鸣华	非第一完成人(非独立完成)
106.	Symmetry Breaking and Amplification in a Self-Assembled Helix from Achiral trans-3-Nitrocinnamic Acid	Journal?of?Physical?Chemistry?C	122(23), 12559-12565	SCI 收录	否	Jiang, Hejin; Jiang, Yuqian; Zhang, Li*; Guo, Zongxia; Liu, Minghua*	刘鸣华	第一完成人(非独立完成)
107.	Opposite Enantioselectivity by Nanotubes and Nanospheres Self-Assembled from Dirhodium(II) and an L-Glutamic Acid Terminated Bolaamphiphile	ChemCatChem	10(10), 2190-2194	SCI 收录	否	Yuan, Chenhuan; Jiang, Jian*; Sun, Hui; Wang, Decai; Hu, Yonghong; Liu, Minghua*	江建, 刘鸣华	独立完成

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108.	Photoirradiation-generated radicals in two-component supramolecular gel for polymerization	Soft?Matter	14(12), 2295-2300	SCI收录	否	Jiang, Hejin; Jin, Qingxian; Li, Jing; Chen, Shuyu; Zhang, Li*; Liu, Minghua*	江建, 刘鸣华	非第一完成人(非独立完成)
109.	Ordering effects of cholesterol on sphingomyelin monolayers investigated by high-resolution broadband sum-frequency generation vibrational spectroscopy	Chinese?Chemical?Letters	29(3), 357-360	SCI收录	否	Li, Yiyi; Feng, Rongjuan; Lin, Lu; Liu, Minghua; Guo, Yuan*; Zhang, Zhen*		非第一完成人(非独立完成)
110.	The isotope effect on charge transport for bithiophene and di(n-hexyl)-bithiophene: impacts of deuteration position, deuteration number and side chain substitution position	Theoretical?Chemistry?Accounts	137(3), 33	SCI收录	否	Jiang, Yuqian*; Shuai, Zhigang*; Liu, Minghua	江昱倩	第一完成人(非独立完成)

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111.	Highly sensitive pressure sensors based on conducting polymer-coated paper	Sensors and Actuators: B: Chemical	273, 1195-1201	SCI 收录	是	Zang, Xiaoling; Jiang, Yuqian; Wang, Xusheng; Wang, Xiaowei; Ji, Junhui; Xue, Mianqi*		非第一完成人(非独立完成)
112.	Noncontact and High-Accuracy Smart Thermosensors Based on the Thermal-Field Resistivity Response of Conducting Polymers	Advanced Materials Technologies	3(7), 1800086	SCI 收录	否	Jiang, Yuqian; Zang, Xiaoling; Wang, Xusheng; Ma, Xinlei; Ji, Junhui; Lu, Conghua; Xue, Mianqi*		第一完成人(非独立完成)
113.	Photon upconversion in organic nanoparticles and subsequent amplification by plasmonic silver nanowires	Nanoscale	10(3), 985-991	SCI 收录	是	Qu, Zuoming; Duan, Pengfei*; Zhou, Jin; Wang, Yafei*; Liu, Minghua*	段鹏飞, 刘鸣华	非第一完成人(非独立完成)
114.	Circularly Polarized Luminescence from a Pyrene-Cyclodextrin Supra-Dendron	Langmuir	34(20), 2190-2194	SCI 收录	否	Zhang, Yuening; Yang, Dong; Han, Jianlei; Zhou, Jin; Jin, Qingxian*; Liu, Minghua*; Duan, Pengfei*	段鹏飞, 刘鸣华	非第一完成人(非独立完成)



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115.	Light-triggered self-assembly of a cyanostilbene-conjugated glutamide from nanobelts to nanotoroids and inversion of circularly polarized luminescence	Chemical Communications	54(36), 4513-4516	SCI 收录	是	Jin, Xue; Yang, Dong; Jiang, Yuqian; Duan, Pengfei*; Liu, Minghua*	段鹏飞, 刘鸣华	独立完成
116.	Nanotrumpets and circularly polarized luminescent nanotwists hierarchically self-assembled from an achiral C-3-symmetric ester	Chemical Communications	54(32), 4025-4028	SCI 收录	是	Sang, Yutao; Duan, Pengfei; Liu, Minghua*	刘鸣华	非第一完成人(非独立完成)
117.	Endowing Perovskite Nanocrystals with Circularly Polarized Luminescence	Advanced Materials	30(12), 1705011	SCI 收录	是	Shi, Yonghong; Duan, Pengfei*; Huo, Shengwei; Li, Yuangang*; Liu, Minghua*	段鹏飞, 刘鸣华	非第一完成人(非独立完成)
118.	Dual Upconverted and Downconverted Circularly Polarized Luminescence in Donor-Acceptor Assemblies	Angewandte Chemie-International Edition	57(30), 9357-9361	SCI 收录	是	Yang, Dong; Duan, Pengfei*; Liu, Minghua*	段鹏飞, 刘鸣华	独立完成

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119.	Triplet-Triplet Annihilation-Based Upconversion in Supramolecular System	Progress in Chemistry	30(7), 879-887	SCI 收录	否	Fan, Hongchuan; Yang, Dong; Duan, Pengfei*	段鹏飞	独立完成
120.	Proton triggered circularly polarized luminescence in orthogonal- and co-assemblies of chiral gelators with achiral perylene bisimide	Chemical Communications	54(44), 5630-5633	SCI 收录	是	Han, Dongxue; Han, Jianlei; Huo, Shengwei; Qu, Zuoming; Jiao, Tifeng; Liu, Minghua; Duan, Pengfei*	段鹏飞	独立完成
121.	Long-Persistent Circularly Polarized Phosphorescence from Chiral	Chemistry-A European Journal	24(66), 17444-17448	SCI 收录	否	Wenjie Chen, Zimin Tian, Yuangang Li, Yuqian Jiang, Minghua Liu, Pengfei Duan*	段鹏飞	非第一完成人(非独立完成)
122.	Hierarchical Self-Assembly and Chiroptical Studies of Luminescent 4d <sup>2</sup> f Cages	Inorganic Chemistry	57(13), 7982-7992	SCI 收录	是	Zhuo Wang, Li-Peng Zhou, Tong-Han Zhao, Li-Xuan Cai, Xiao-Qing Guo, Peng-Fei Duan*, and Qing-Fu Sun*	段鹏飞	非第一完成人(非独立完成)

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123.	The introduction of fluorine and sulfur atoms into benzotriazole-based p-type polymers to match with a benzotriazole-containing n-type small molecule: “the same-acceptor-strategy” to realize high open-circuit voltage	Advanced Energy Materials	8, 1801582	SCI 收录	是	Ailing Tang, Bo Xiao, Fan Chen, Jianqi Zhang, Zhixiang Wei, Erjun Zhou*	周二军	独立完成
124.	Simultaneously Achieved High Open-Circuit Voltage and Efficient Charge Generation by Fine-tuning Charge-Transfer Driving Force in Non-fullerene Polymer Solar Cells	Advanced Functional Materials	28, 1704507	SCI 收录	是	Ailing Tang, Bo Xiao, Yuming Wang, Feng Gao*, Keisuke Tajima, Haijun Bin, Zhi-Guo Zhang, Yongfang Li, Zhixiang Wei, Erjun Zhou*	周二军	第一完成人(非独立完成)

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125.	Ring fusion of thiophene-vinylene-thiophene (TVT) benefits both fullerene and nonfullerene polymer solar cells	Macromolecules	51, 4598-4607	SCI 收录	是	Xiaochen Wang, Ailing Tang, Fan Chen, Erjun Zhou*	周二军	独立完成
126.	The first thieno[3,4-b]pyrazine based small molecular acceptor with linear A2-A1-D-A1-A2 skeleton for fullerene-free organic solar cells with a high Voc of 1.05V	Chemical Communications	54, 10770-10773	SCI 收录	是	Jianfeng Li, Jing Yang, Junyi Hu, You Chen, Bo Xiao, Erjun Zhou*	周二军	独立完成
127.	Recent progress in porphyrin-based materials for organic solar cells	Journal of Materials Chemistry A	6, 16769-16797	SCI 收录	是	Asif Mahmood, Jian-Yong Hu*, Bo Xiao, Ailing Tang*, Xiaochen Wang, Erjun Zhou*	唐爱玲, 周二军	第一完成人(非独立完成)

序号	论文名称	期刊名称	卷、期、页	收录类型	是否为1区论文	作者	通讯作者	完成情况
128.	Comparison of three n-type copolymers based on benzodithiophene and naphthalene diimide /perylene diimide/fused perylene diimides for all-polymer solar cells application	ACS Applied Materials & Interfaces	10, 23263-23269	SCI 收录	是	Jing Yang, Yuli Yin, Fan Chen, Yong Zhang*, Bo Xiao, Liancheng Zhao, Erjun Zhou*	周二军	第一完成人(非独立完成)
129.	Quinoxaline-Containing Nonfullerene Small-Molecule Acceptors with a Linear A2?A1?D?A1?A2 Skeleton for Poly(3-hexylthiophene)-Based Organic Solar Cells	ACS Applied Materials & Interfaces	10, 10254-10261	SCI 收录	是	Bo Xiao, Ailing Tang, Jing Yang, Asif Mahmood, Xiangnan Sun, and Erjun Zhou*	周二军	独立完成

序号	论文名称	期刊名称	卷、期、页	收录类型	是否为1区论文	作者	通讯作者	完成情况
130.	A2-A1-D-A1-A2 Type Non-fullerene Acceptors with 2-(1,1-dicyanomethylene)rhodanine as the Terminal Groups for Poly(3-hexylthiophene)-based Organic Solar Cells	ACS Applied Materials & Interfaces	10, 34427-34434	SCI 收录	是	Bo Xiao, Ailing Tang, Qianqian Zhang, Gongqiang Li, Xiaochen Wang, Erjun Zhou*	周二军	独立完成
131.	Perylenediimide dimer containing an asymmetric $\pi$ -bridge and its fused derivative for fullerene-free organic solar cells	Journal of Materials Chemistry C	6, 2580-2587	SCI 收录	是	Fan Chen, Guodong Ding, Ailing Tang*, Bo Xiao, Jianfeng Li, Erjun Zhou*	唐爱玲, 周二军	独立完成

序号	论文名称	期刊名称	卷、期、页	收录类型	是否为1区论文	作者	通讯作者	完成情况
132.	A2-A1-D-A1-A2 type non-fullerene acceptors based on methoxy substituted benzotriazole with three different end-capped groups for P3HT-based organic solar cells	Journal of Materials Chemistry C	6, 10902-10909	SCI 收录	是	Qianqian Zhang, Bo Xiao, Mengzhen Du, Gongqiang Li*, Ailing Tang, Erjun Zhou*	周二军	第一完成人(非独立完成)
133.	Design and synthesis of a novel n-type polymer based on asymmetric rylene diimide for the application in all-polymer solar cells	Macromolecular Rapid Communications	39, 1700715	SCI 收录	否	Jing Yang, Fan Chen, Huijuan Ran, Jian-Yong Hu, Bo Xiao, Ailing Tang*, Xiaochen Wang, Erjun Zhou*	唐爱玲, 周二军	第一完成人(非独立完成)

序号	论文名称	期刊名称	卷、期、页	收录类型	是否为1区论文	作者	通讯作者	完成情况
134.	Introducing Four 1,1-Dicyanomethylene-3-Indanone (IC) End-Capped Groups as an Alternative Strategy for the Design of Small Molecular Nonfullerene Acceptors	Journal of Physical Chemistry C	122, 29122-29128	SCI 收录	否	Asif Mahmood, Jing Yang, Junyi Hu, Xiaochen Wang*, Ailing Tang, Yanfang Geng*, Qingdao Zeng, Erjun Zhou*	王晓晨, 周二军	第一完成人(非独立完成)
135.	Modulating the symmetry of benzodithiophene by molecular tailoring for the application in naphthalene diimide based n-type photovoltaic polymers	Solar RRL	2, 1700230	SCI 收录	否	Jing Yang, Fan Chen, Bo Xiao, Su Sun, Xiangnan Sun, Keisuke Tajima, Ailing Tang, Erjun Zhou*	周二军	独立完成



序号	论文名称	期刊名称	卷、期、页	收录类型	是否为1区论文	作者	通讯作者	完成情况
136.	A small molecular electron acceptor based on asymmetric hexacyclic core of thieno[1,2-b]indaceno[5,6-b']thienothiophene for efficient fullerene-free polymer solar cells	Science Bulletin	63, 845-852	SCI 收录	否	Wenchao Zhai, Ailing Tang, Bo Xiao, Xiaochen Wang*, Fan Chen, Erjun Zhou*	王晓晨, 周二军	第一完成人(非独立完成)
137.	Utilizing Benzotriazole and Indacenodithiophene Units to Construct both Polymeric Donor and Small Molecular Acceptors to Realize Organic Solar Cells with High Open-Circuit Voltages beyond 1.2 V	Frontiers in Chemistry	6, 147	SCI 收录	否	Ailing Tang, Fan Chen, Bo Xiao, Zhan'ao Tan, Jing Yang, Jianfeng Li, Xiaochen Wang, Erjun Zhou*	周二军	独立完成
138.	A Novel Thiazole Based Acceptor for Fullerene-free Organic Solar Cells	Dyes and Pigments	149, 470-474	SCI 收录	否	Asif Mahmood, Junyi Hu, Ailing Tang*, Fan Chen, Xiaochen Wang, Erjun Zhou*	唐爱玲, 周二军	第一完成人(非独立完成)

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139.	Theoretical and experimental study of electron-deficient core substitution effect of diketopyrrolopyrrole derivatives on optoelectrical and charge transport properties	Chemical Physics	500, 67-73	SCI 收录	否	Guodong Ding, Asif Mahmood, Ailing Tang*, Fan Chen, Erjun Zhou*	唐爱玲, 周二军	第一完成人(非独立完成)
140.	Fluorination: An Effective Molecular Design Strategy for Efficient Photovoltaic Materials	Acta Physico-Chimica Sinica	34, 1239-1249	SCI 收录	否	Dan Deng, Erjun Zhou*, Zhixiang Wei*	周二军, 魏志祥	非第一完成人(非独立完成)
141.	Novel Peryleneimide-Based Polymers with Electron-Deficient Segment as the Comonomer for Efficient All-Polymer Solar Cells	Journal of Materials Chemistry A	6, 414-422	SCI 收录	是	Ming Liu, Jing Yang, Yuli Yin, Yong Zhang,* Erjun Zhou,* Fengyun Guo, Liancheng Zhao	周二军	非第一完成人(非独立完成)

序号	论文名称	期刊名称	卷、期、页	收录类型	是否为1区论文	作者	通讯作者	完成情况
142.	High-Performance All-Polymer Solar Cells Achieved by Fused Perylenediimide-Based Conjugated Polymer Acceptors	ACS Applied Materials & Interfaces	10, 15962-15970	SCI 收录	是	Yuli Yin, Jing Yang, Fengyun Guo, Erjun Zhou,* Liancheng Zhao, and Yong Zhang*	周二军	非第一完成人(非独立完成)
143.	Wide Band Gap Non-Fullerene Small Molecular Acceptors Containing Spirobifluorene and Benzotriazole with Three Different End-capped Groups for P3HT-based Organic Solar Cells	Chinese Journal of Chemistry	36, 392-398	SCI 收录	否	Xiaoyu Wen, Bo Xiao, Ailing Tang, Junyi Hu, Chunhe Yang*, Erjun Zhou*	周二军	非第一完成人(非独立完成)
144.	Isatylidene malononitrile derived acceptors for fullerene free organic solar cells	Dyes and Pigments	151, 102-109	SCI 收录	否	Dong Zhao, Junyi Hu, Zhuangjun Liu, Bo Xiao, Xiaozhan Wang, Erjun Zhou*, Qing Zhang*	周二军	非第一完成人(非独立完成)

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145.	Enhanced Open Circuit Voltage of Small Molecule Acceptor Containing Angular-Shaped Indacenodithiophene Unit for P3HT-based Organic Solar Cells	Journal of Materials Chemistry C	6, 12347-12354	SCI 收录	是	Hongyan Huang, Bo Xiao, Chengting Huang, Jing Zhang, Shuli Liu, Nina Fu, Baomin Zhao*, Tianshi Qin, Erjun Zhou*, Wei Huang*	周二军	非第一完成人(非独立完成)
146.	Efficient perovskite/organic integrated solar cells with extended photoresponse to 930 nm and enhanced near-infrared external quantum efficiency of over 50%	Nanoscale	10, 3245-3253	SCI 收录	是	Qiang Guo, Hao Liu, Zhenzhen Shi, Fuzhi Wang, Erjun Zhou, Xingming Bian, Bing Zhang, Ahmed Alsaedi, Tasawar Hayatc, Zhan'ao Tan*		非第一完成人(非独立完成)
147.	Realization of Near-perfect Absorption in the Whole Reststrahlen Band of SiC	Nanoscale	10, 9450-9454	SCI 收录	是	Dongxue Chen , Jianjie Dong, Jianji Yang, Yilei Hu, Guixin Li, Chuanfei Guo, Changqing Xie, Ming Liu, Qian Liu*	刘前	第一完成人(非独立完成)
148.	Bionic SERS chip with super-hydrophobic and plasmonic micro-nano dual structure	Photonics Research	6(2), 77-82	SCI 收录	是	Fengyou Yang, Haoran Zhang, Huimin Feng, Jianjie Dong, Chuang Wang, and Qian Liu*	刘前	独立完成

序号	论文名称	期刊名称	卷、期、页	收录类型	是否为1区论文	作者	通讯作者	完成情况
149.	Experimental Evidence of Negative Thermal Expansion in a Composite nanocable of Single-Walled Carbon Nanotubes and Amorphous Carbon along the Axial Direction	Journal of Physical Chemistry C	122, 26707-26712	SCI 收录	否	Xiannian Chi,Lei wang,Jian Zhang,Jean Pirre Nshimiyimana, Xiao Hu,Pei Wu,Siyu Liu,Jia Liu,Weiguo Chu,Qian Liu* and Lianfeng Sun	刘前	独立完成
150.	Super-resolution GaAs nano-structures fabricated by laser direct writing	Materials Science?in Semiconductor? Processing	84, 119-123	SCI 收录	否	Wei Zhang, Zhenwu Shi, Chen Chen, Xinning Yang, Linyun Yang, Zhongming Zeng, Baoshun Zhang*, Qian Liu*	刘前	第一完成人(非独立完成)
151.	From Alloy-Like to Cascade Blended Structure: Designing High-Performance All-Small-Molecule Ternary Solar Cells	Journal?of?the? American?Chemical?Society	140(4), 1549-1556	SCI 收录	是	Wang, Zhen; Zhu, Xiangwei; Zhang, Jianqi; Lu, Kun*; Fang, Jin; Zhang, Yajie; Wang, Zaiyu; Zhu, Lingyun*; Ma, Wei*; Shuai, Zhigang; Wei, Zhixiang*	朱凌云, 魏志祥	第一完成人(非独立完成)

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152.	A Carbonyl Compound-Based Flexible Cathode with Superior Rate Performance and Cyclic Stability for Flexible Lithium-Ion Batteries	Advanced Materials	30(4), 1703868	SCI 收录	是	Amin, Kamran; Meng, Qinghai; Ahmad, Aziz; Cheng, Meng; Zhang, Miao; Mao, Lijuan; Lu, Kun; Wei, Zhixiang*	魏志祥	独立完成
153.	Exciton Binding Energies of Nonfullerene Small Molecule Acceptors: Implication for Exciton Dissociation Driving Forces in Organic Solar Cells	Journal of Physical Chemistry C	122(39), 22309-22316	SCI 收录	否	Zhu, Lingyun*; Yi, Yuanping*; Wei, Zhixiang	朱凌云	第一完成人(非独立完成)
154.	Fluorination Induced Donor to Acceptor Transformation in A1-D-A2-D-A1-Type Photovoltaic Small Molecules	Frontiers in Chemistry	6, 384	SCI 收录	否	Zhou, Ruimin; Xia, Benzhen; Li, Huan; Wang, Zhen; Yang, Yang; Zhang, Jianqi; Laursen, Bo W.; Lu, Kun*; Wei, Zhixiang*	吕琨, 魏志祥	独立完成
155.	Controllable Supramolecular Chiral Twisted Nanoribbons from Achiral Conjugated Oligoaniline Derivatives	Journal of the American Chemical Society	140(30), 9417-9425	SCI 收录	是	Zhou, Chuanqiang; Ren, Yuanyuan; Han, Jie*; Gong, Xiangxiang; Wei, Zhixiang*; Xie, Ju; Guo, Rong	魏志祥	非第一完成人(非独立完成)

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156.	Naphtho[1,2-b:5,6-b']dithiophene-Based Conjugated Polymers for Fullerene-Free Inverted Polymer Solar Cells	Macromolecular ?Rapid?Communications	39(14), 1700872	SCI 收录	否	Jiang, Zhaoyan; Li, Huan; Wang, Zhen; Zhang, Jianqi; Zhang, Yajie; Lu, Kun*; Wei, Zhixiang	吕琨	独立完成
157.	Critical Role of Vertical Phase Separation in Small-Molecule Organic Solar Cells	ACS Applied Materials & Interfaces	10(15), 12913-12920	SCI 收录	是	Fang, Jin; Deng, Dan; Wang, Zaiyu; Adil, Muhammad Abdullah; Xiao, Tong; Wang, Yuheng; Lu, Guanghao; Zhang, Yajie; Zhang, Jianqi*; Ma, Wei*; Wei, Zhixiang*	张建齐, 魏志祥	非第一完成人(非独立完成)
158.	Improve the Performance of the All-Small-Molecule Nonfullerene Organic Solar Cells through Enhancing the Crystallinity of Acceptors	Advanced Energy Materials	8(11), 1702377	SCI 收录	是	Li, Huan; Zhao, Yifan; Fang, Jin; Zhu, Xiangwei; Xia, Benzhen; Lu, Kun*; Wang, Zhen; Zhang, Jianqi; Guo, Xuefeng; Wei, Zhixiang*	吕琨, 魏志祥	独立完成

序号	论文名称	期刊名称	卷、期、页	收录类型	是否为1区论文	作者	通讯作者	完成情况
159.	Wide-Bandgap Conjugated Polymers Based on Alkylthiofuran-Substituted Benzo[1,2-b:4,5-b']difuran for Efficient Fullerene-Free Polymer Solar Cells	Macromolecules	51(7), 2498-2505	SCI 收录	是	Gao, Yueyue; Wang, Zhen; Zhang, Jianqi; Zhang, Hong; Lu, Kun*; Guo, Fengyun; Wei, Zhixiang; Yang, Yulin; Zhao, Liancheng; Zhang, Yong*	吕琨	非第一完成人(非独立完成)
160.	Modulating Molecular Orientation Enables Efficient Nonfullerene Small-Molecule Organic Solar Cells	Chemistry of Materials	30(6), 2129-2134	SCI 收录	是	Yang, Liyan; Zhang, Shaoqing*; He, Chang*; Zhang, Jianqi*; Yang, Yang; Zhu, Jie; Cui, Yong; Zhao, Wenchao; Zhang, Hao; Zhang, Yun; Wei, Zhixiang; Hou, Jianhui*	张建齐	非第一完成人(非独立完成)
161.	Two-dimensional benzo[1,2-b:4,5-b']difuran-based wide bandgap conjugated polymers for efficient fullerene-free polymer solar cells	Journal of Materials Chemistry A	6(9), 4023-4031	SCI 收录	是	Gao, Yueyue; Wang, Zhen; Zhang, Jianqi; Zhang, Hong; Lu, Kun*; Guo, Fengyun; Yang, Yulin; Zhao, Liancheng; Wei, Zhixiang; Zhang, Yong*	吕琨	非第一完成人(非独立完成)



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162.	A Simple but Efficient Small Molecule with a High Open Circuit Voltage of 1.07 V in Solution-Processable Organic Solar Cells	Asian Journal of Organic Chemistry	7(3), 558-562	SCI 收录	否	Deng, Dan; Zhang, Yajie; Wang, Zaiyu; Wu, Qiong; Ma, Wei; Lu, Kun*; Wei, Zhixiang	吕琨	独立完成
163.	Self-Assembled 3D Helical Hollow Superstructures with Enhanced Microwave Absorption Properties	Macromolecular Rapid Communications	39(3), 1700591	SCI 收录	否	Yang, Yang; Zhang, Jianqi; Zou, Wenjun; Wu, Sai; Wu, Fan; Xie, Aming; Wei, Zhixiang*	魏志祥	独立完成
164.	Research and Application of Cutting-out Small Molecules as Organic Photovoltaic Materials	Chemistry (化学通报)	81(1), 3-11	其它	否	Zhou, Ruimin; Deng, Dan; Lu, Kun*; Wei, Zhixiang	吕琨	独立完成
165.	Multifunctional Diketopyrrolopyrrole-Based Conjugated Polymers with Perylene Bisimide Side Chains	Macromolecular Rapid Communications	39(14), 1700611	SCI 收录	否	Li, Cheng; Yu, Changshi; Lai, Wenbin; Liang, Shijie; Jiang, Xudong; Feng, Guitao; Zhang, Jianqi*; Xu, Yunhua*; Li, Weiwei*	张建齐	非第一完成人(非独立完成)

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166.	Small bandgap porphyrin-based polymer acceptors for non-fullerene organic solar cells	Journal of Materials Chemistry C	6(4), 717-721	SCI 收录	是	Zhou, Shichao; Li, Cheng; Ma, Junshu; Guo, Yiting; Zhang, Jianqi*; Wu, Yonggang*; Li, Weiwei*	张建齐	非第一完成人(非独立完成)
167.	Reducing the actuation threshold by incorporating a nonliquid crystal chain into a liquid crystal elastomer	RSC Advances	8(9), 4857-4866	SCI 收录	否	Niu, Hongyan; Wang, Yuchang; Wang, Jun; Yang, Wenlong; Dong, Yinmao; Bi, Meng; Zhang, Jindi; Xu, Jiaojiao; Bi, Shuyue; Wang, Binsong*; Gao*, Yachen; Li, Chensha*; Zhang, Jianqi*	张建齐	
168.	Flexible VOx Nanosphere@SWCNT Hybrid Films with Dual-Confinement Function of Polysulfides for High-Performance Lithium-Sulfur Batteries	Advanced Materials Interfaces	5(18), 1800766	SCI 收录	否	Zhang, Miao; Yang, Yang; Zhang, Xinghua; Cheng, Meng; Yuan, Hongxin; Amin, Kamran; Ahmad, Aziz; Mao, Lijuan*; Yan, Wei*; Wei, Zhixiang*	毛立娟, 魏志祥	第一完成人(非独立完成)

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169.	Modulation of the Molecular Orientation at the Bulk Heterojunction Interface via Tuning the Small Molecular Donor-Nonfullerene Acceptor Interactions	ACS Applied Materials & Interfaces	10(37), 31526-31534	SCI 收录	是	Adil, Muhammad Abdullah; Zhang, Jianqi*; Deng, Dan; Wang, Zhen; Yang, Yang; Wu, Qiong; Wei, Zhixiang*	张建齐, 魏志祥	独立完成
170.	Macroscopic helical chirality and self-motion of hierarchical self-assemblies induced by enantiomeric small molecules	Nature Communications	9, 3808	SCI 收录	否	Yang, Yang; Liang, Jie; Pan, Fei; Wang, Zhen; Zhang, Jianqi; Amin, Kamran; Fang, Jin; Zou, Wenjun; Chen, Yuli; Shi, Xinghua*; Wei, Zhixiang*	施兴华, 魏志祥	第一完成人(非独立完成)
171.	A low cost and high performance polymer donor material for polymer solar cells	Nature Communications	9, 743	SCI 收录	否	Sun,Chenkai; Pan,Fei; Bin,Haijun; Zhang,Jianqi; Xue,Lingwei; Qiu,Beibei; Wei,Zhixiang*; Zhang Zhi-Guo*; Li,Yongfang*	魏志祥	非第一完成人(非独立完成)

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172.	Large-Area Organic Solar Cells: Material Requirements, Modular Designs, and Printing Methods	Advanced Materials	1805089	SCI 收录	是	Wang, Guodong; Adil, Muhammad Abdullah; Zhang, Jianqi; Wei, Zhixiang*	魏志祥	独立完成
173.	Liquid-Crystalline Small Molecules for Nonfullerene Solar Cells with High Fill Factors and Power Conversion Efficiencies	Advanced Energy Materials	1803175	SCI 收录	是	Li, Huan; Wu, Qiong Zhou, Ruimin; Shi, Yanan; Yang, Chen; Zhang, Yajie; Zhang, Jianqi; Zou, Wenjun*; Deng, Dan*; Lu, Kun and Wei, Zhixiang*	邹文君, 邓丹, 魏志祥	独立完成
174.	A carbon foam-supported high sulfur loading composite as a self-supported cathode for flexible lithium-sulfur batteries	Nanoscale	10(46), 21790-21797	SCI 收录	是	Zhang, Miao; Amin, Kamran; Cheng, Meng; Yuan, Hongxin; Mao, Lijuan*; Yan, Wei*; Wei, Zhixiang*	毛立娟, 魏志祥	第一完成人(非独立完成)

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175.	Suppressing charge recombination in small-molecule ternary organic solar cells by modulating donor-acceptor interfacial arrangements	Physical Chemistry Chemical Physics	20(38), 24570-24576	SCI 收录	否	Wang, Zhen; Han, Guangchao; Zhu, Lingyun*; Guo, Yuan; Yi, Yuanping*; Shuai, Zhigang; Wei, Zhixiang	朱凌云	第一完成人(非独立完成)
176.	Morphology controllable organic solar cells	Chinese Science Bulletin	63(35), 3760-3771	EI 收录	否	Zhang, Yajie; Wei, Zhixiang*	魏志祥	独立完成
177.	Recent Progress in Polymeric Carbonyl-Based Electrode Materials for Lithium and Sodium Ion Batteries	Macromolecular rapid communications	, 1800565	SCI 收录	否	Amin, Kamran; Mao, Lijuan; Wei, Zhixiang*	魏志祥	独立完成
178.	Aromatic end-capped acceptor effects on molecular stacking and the photovoltaic performance of solution-processable small molecules	Journal of Materials Chemistry A	6(44), 22077	SCI 收录	是	Deng, Dan; Yang, Yang; Zou, Wenjun; Zhang, Yajie; Wang, Zhen; Wang, Zaiyu; Zhang, Jianqi; Lu, Kun*; Ma, Wei and Wei, Zhixiang*	吕琨, 魏志祥	第一完成人(非独立完成)

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179.	Efficient post-treatment-free polymer solar cells from indacenodithiophene and fluorinated quinoxaline-based conjugated polymers	Dyes and Pigments	154, 164-171	SCI 收录	否	Gao, Yueyue; An, Che; Wang, Zhen; Sun, Yanming; Wei, Zhixiang; Guo, Fengyun; Yang, Yulin; Zhao, Liancheng; Zhang, Yong*		非第一完成人(非独立完成)
180.	Facile Synthesis of the O-Functionalized Ladder-Type Dipyran Building Block and Its Application in Polymer Solar Cells	ACS Applied Materials & Interfaces	10(16), 13931-13940	SCI 收录	是	Li, Miao; Guo, Yijing; Zhou, Yuanyuan; Zhang, Jianqi; Yang, Lisi; Zhang, Lipeng; Song, Jinsheng*; Bo, Zhishan*; Wang, Hua*		非第一完成人(非独立完成)
181.	The Introduction of Fluorine and Sulfur Atoms into Benzotriazole-Based p-Type Polymers to Match with a Benzotriazole-Containing n-Type Small Molecule:	Advanced Energy Materials	8(25), 1801582	SCI 收录	是	Tang, Ailing; Xiao, Bo; Chen, Fan; Zhang, Jianqi; Wei, Zhixiang; Zhou, Erjun*	周二军	第一完成人(非独立完成)

序号	论文名称	期刊名称	卷、期、页	收录类型	是否为1区论文	作者	通讯作者	完成情况
182.	Fluorination vs. chlorination: a case study on high performance organic photovoltaic materials	Science China-Chemistry	61(10), 1328-1337	SCI收录	否	Zhang, Yun; Yao, Huifeng*; Zhang, Shaoqing; Qin, Yunpeng; Zhang, Jianqi; Yang, Liyan; Li, Wanning; Wei, Zhixiang; Gao, Feng; Hou, Jianhui*		非第一完成人(非独立完成)
183.	Over 14% Efficiency in Organic Solar Cells Enabled by Chlorinated Nonfullerene Small-Molecule Acceptors	Advanced Materials	30(28), 1800613	SCI收录	是	Zhang, Hao; Yao, Huifeng*; Hou, Junxian; Zhu, Jie; Zhang, Jianqi; Li, Wanning; Yu, Runnan; Gao, Bowei; Zhang, Shaoqing; Hou, Jianhui*		非第一完成人(非独立完成)
184.	High efficiency small molecular acceptors based on novel O-functionalized ladder-type dipyran building block	Nano Energy	45, 10-20	SCI收录	是	Zhou, Yuanyuan; Li, Miao; Song, Jinsheng*; Liu, Yahui; Zhang, Jianqi; Yang, Lisi; Zhang, Zhe; Bo, Zhishan*; Wang, Hua*		非第一完成人(非独立完成)
185.	Dual-Programmable Shape-Morphing and Self-Healing Organohydrogels Through Orthogonal Supramolecular Heteronetworks	Advanced Materials	30(51), 1804435	SCI收录	否	Zhao, Ziguang; Zhuo, Shuyun; Fang, Ruochen; Zhang, Longhao; Zhou, Xintao; Xu, Yichao; Zhang, Jianqi; Dong, Zhichao; Jiang, Lei; Liu, Mingjie*		非第一完成人(非独立完成)

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186.	Simultaneously Achieved High Open-Circuit Voltage and Efficient Charge Generation by Fine-Tuning Charge-Transfer Driving Force in Nonfullerene Polymer Solar Cells	Advanced Functional Materials	28(6), 1704507	SCI 收录	是	Tang, Ailing; Xiao, Bo; Wang, Yuming; Gao, Feng*; Tajima, Keisuke; Bin, Haijun; Zhang, Zhi-Guo; Li, Yongfang; Wei, Zhixiang; Zhou, Erjun*	周二军	第一完成人(非独立完成)
187.	Sulfur-doped reduced graphene oxide/MoS2 composite with exposed active sites as efficient Pt-free counter electrode for dye-sensitized solar cell	Applied Surface Science	452, 232-238	SCI 收录	是	Wang, Yanfang; Guo, Yanjun; Chen, Wentao; Luo, Qing; Lu, Wenli; Xu, Peng; Chen, Dongliang; Yin, Xiong; He, Meng*	贺蒙	第一完成人(非独立完成)
188.	Ultrathin Chiral Metal-Organic-Framework Nanosheets for Efficient Enantioselective Separation	Angewandte Chemie International Edition	57(23), 6873-6877	SCI 收录	是	Guo, Jun; Zhang, Yin; Zhu, Yanfei; Long, Chang; Zhao, Meiting; He, Meng; Zhang, Xiaofei; Lv, Jiawei; Han, Bing; Tang, Zhiyong*	唐智勇	独立完成



序号	论文名称	期刊名称	卷、期、页	收录类型	是否为1区论文	作者	通讯作者	完成情况
189.	Ru-Doping in TiO <sub>2</sub> electron transport layers of planar heterojunction perovskite solar cells for enhanced performance	Journal of Materials Chemistry C	6(17), 4746-4752	SCI 收录	是	Xu, Zhongzhong; Yin, Xiong; Guo, Yanjun; Pu, Yuan; He, Meng*	贺蒙	独立完成
190.	Evaluating the electron density model by applying an imaginary modification	Powder Diffraction	33(1), 4-10	SCI 收录	否	Li, Hui; He, Meng; Zhang, Ze*		非第一完成人(非独立完成)
191.	Cr doped WO <sub>3</sub> nanofibers enriched with surface oxygen vacancies for highly sensitive detection of the 3-hydroxy-2-butanone biomarker	Journal of Materials Chemistry A	6, 21419-21427	SCI 收录	是	Zhu, Zhengyou; Zheng, Lijun; Zheng, Shizheng; Chen, Jian; Liang, Minghui; Tian, Yongtao; Yang, Dachi*		非第一完成人(非独立完成)
192.	Nanogap-Engineerable Electromechanical System for Ultralow Power Memory	Advanced Science	5, 1700588 (1-7)	SCI 收录	是	Zhang, Jian; Deng, Ya; Hu, Xiao; Nshimiyimana, Jean Pierre; Liu, Siyu; Chi, Xiannian; Wu, Pei; Dong, Fengliang; Chen, Peipei; Chu, Weiguo; Sun, Lianfeng	褚卫国, 孙连峰	独立完成

序号	论文名称	期刊名称	卷、期、页	收录类型	是否为1区论文	作者	通讯作者	完成情况
193.	Large positive magnetoresistance in semiconducting single-walled carbon nanotubes at room temperature	RSC?Advances	8, 10179-10184	SCI 收录	否	Nshimiyimana, Jean Pierre; Zhang, Jian; Chi, Xiannian; Hu, Xiao; Wu, Pei; Liu, Siyu; Liu, Jia; Chu, Weiguo; Sun, Lianfeng	褚卫国, 孙连峰	独立完成
194.	Ultraclean individual suspended singlewalled carbon nanotube field effect transistor	Nanotechnology	29, 175302(1-6)	SCI 收录	否	Siyu Liu, Jian Zhang, Jean Pierre Nshimiyimana, Xiannian Chi, Xiao Hu, Pei Wu, Jia Liu, Gongtang Wang, and Lianfeng Sun	褚卫国, 孙连峰	独立完成
195.	Room-Temperature Carbon Nanotube Single-Electron Transistors with Mechanical Buckling-Defined Quantum Dots	Advanced?Electronic?Materials	4, 1700628 (1-5)	SCI 收录	是	Jian Zhang, Siyu Liu, Lingyuan Kong, Jean Pierre Nshimiyimana, Xiao Hu, Xiannian Chi, Pei Wu, Jia Liu, Weiguo Chu,* and Lianfeng Sun*	褚卫国, 孙连峰	独立完成

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196.	Large magnetic moment at sheared ends of single-walled carbon nanotubes	Chinese Physics?B	27, 128101	SCI 收录	否	Jian Zhang, Ya Deng, Ting-Ting Hao, Xiao Hu, Ya-Yun Liu, Zhi-Sheng Peng, Jean Pierre Nshimiyimana, Xian-Nian Chi, Pei Wu, Si-Yu Liu, Zhong Zhang, Jun-Jie Li, Gong-Tang Wang, Wei-Guo Chu, Chang-Zhi Gu, and Lian-Feng Sun	褚卫国, 孙连峰	第一完成人(非独立完成)
197.	Raman Spectroscopy of Folded Tetralayer Graphenes Prepared by Atomic Force Microscope	Journal of? Physical Chemistry?C	122, 28362-28367	SCI 收录	否	Jia Liu, Xiao Hu, Xiannian Chi, Junyi Yue, Jinzhong Cai, Zhisheng Peng, Julienne Impundu, Weiguo Chu,* and Lianfeng Sun*	褚卫国, 孙连峰	独立完成
198.	Observation of Van Hove Singularities and Temperature Dependence of Electrical Characteristics in Suspended Carbon Nanotube Schottky Barrier Transistors	Nano-Micro?Letters	10, 25 (1-6)	SCI 收录	是	Jian Zhang, Siyu Liu, Jean Pierre Nshimiyimana, Ya Deng <sup>1</sup> , Xiao Hu <sup>1</sup> , Xiannian Chi <sup>1</sup> , Pei Wu <sup>1</sup> , Jia Liu <sup>1</sup> , Weiguo Chu, Lianfeng Sun	褚卫国, 孙连峰	独立完成

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199.	Experimental Evidence of Negative Thermal Expansion in a Composite Nanocable of Single-Walled Carbon Nanotubes and Amorphous Carbon along the Axial Direction	The Journal of Physical Chemistry C	122, 26707-26712	SCI 收录	否	Xiannian Chi, Lei Wang, Jian Zhang, ean Pierre Nshimiyimana, Xiao Hu, Pei Wu, Siyu Liu, Jia Liu, Weiguo Chu,* Qian Liu,* and Lianfeng Sun*	褚卫国, 孙连峰	独立完成
200.	Effects of Nonradiative Losses at Charge Transfer States and Energetic Disorder on the Open-Circuit Voltage in Nonfullerene Organic Solar Cells	Advanced Functional Materials	28(5), 1705659	SCI 收录	是	Xie, Shenkun; Xia, Yuxin; Zheng, Zhong; Zhang, Xuning; Yuan, Jianyu; Zhou, Huiqiong; Zhang, Yuan	周惠琼	非第一完成人(非独立完成)
201.	Ambipolar charge transport in a bis-diketopyrrolopyrrole small molecule semiconductor with tunable energetic disorder	Physical Chemistry Chemical Physics	20(3), 1787-1793	SCI 收录	否	Zhou, Jiyu; Bi, Shiqing; Yang, Shuo; Zhou, Huiqiong; Zhang, Yuan	周惠琼	第一完成人(非独立完成)

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202.	A conjugated microporous polymer film fabricated by in situ electro-chemical deposition as a hole transporting layer in organic photovoltaics	Journal of Materials Chemistry C	6(34), 9044-9048	SCI 收录	是	Yang, Shuo; Yang, Chengdong; Zhang, Xuning; Zheng, Zhong; Bi, Shiqing; Zhang, Yuan; Zhou, Huiqiong	周惠琼	第一完成人(非独立完成)
203.	High efficiency non-fullerene organic solar cells without electron transporting layers enabled by Lewis base anion doping	Nano Energy	51, 736-744	SCI 收录	是	Wang, Rong; Zhang, Dongyang; Xie, Shenkun; Wang, Jianqiu; Zheng, Zhong; Wei, Donghui; Sun, Xiaobo; Zhou, Huiqiong; Zhang, Yuan	周惠琼	非第一完成人(非独立完成)
204.	Polyamino Acid Interlayer Facilitates Electron Extraction in Narrow Band Gap Fullerene-Free Organic Solar Cells with an Outstanding Short-Circuit Current	Nano Energy	50, 169-175	SCI 收录	是	Zheng, Zhong; Wang, Rong; Yao, Huifeng; Xie, Shenkun; Zhang, Yuan; Hou, Jianhui; Zhou, Huiqiong; Tang, Zhiyong	周惠琼	第一完成人(非独立完成)

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205.	A Biopolymer Heparin Sodium Interlayer Anchoring TiO <sub>2</sub> and MAPbI <sub>3</sub> Enhances Trap Passivation and Device Stability in Perovskite Solar Cells	Advanced Materials	30 ( 22 ) , 1706924	SCI 收录	是	Shuai You#, Hui Wang#, Shiqing Bi, Jiyu Zhou, Liang Qin, Xiaohui Qiu, Zhiqiang Zhao, Yun Xu, Yuan Zhang*, Xinghua Shi, Huiqiong Zhou*, Zhiyong Tang	周惠琼	第一完成人(非独立完成)
206.	Improved Electron Transport with Reduced Contact Resistance in N-Doped Polymer Field-Effect Transistors with a Dimeric Dopant	Macromolecular Rapid Communications	39(14), 1700726	SCI 收录	否	Wang, Rong; Guo, Yikun; Zhang, Di; Zhou, Huiqiong*; Zhao, Dahui; Zhang, YuanZhou, Huiqiong*	周惠琼	第一完成人(非独立完成)
207.	Synthesis, structure and material properties of thiopyranylidene-based asymmetrical squaraines	Dyes and Pigments	154, 137-144	SCI 收录	否	Xiao, Qi; Yang, Shuo; Wang, Rong; Zhang, Yuan; Zhang, Handong; Zhou, Huiqiong*; Li, Zhong'an*	周惠琼	第一完成人(非独立完成)

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208.	A Highly Efficient Non-Fullerene Organic Solar Cell with a Fill Factor over 0.80 Enabled by a Fine-Tuned Hole-Transporting Layer	Advanced Materials	30(34), 1801801	SCI 收录	是	Zhong Zheng, Qin Hu, Shaoqing Zhang, Dongyang Zhang, Jianqiu Wang, Shenkun Xie, Rong Wang, Yunpeng Qin, Wanning Li, Ling Hong, Ningning Liang, Feng Liu,* Yuan Zhang,* Zhixiang Wei, Zhiyong Tang, Thomas P. Russell, Jianhui Hou,* and Huiqiong Zhou*	周惠琼	第一完成人(非独立完成)
209.	Understanding the Passivation Mechanisms and Opto-Electronic Spectral Response in Methylammonium Lead Halide Perovskite Single Crystals	ACS Applied Materials & Interfaces	10(41), 35580-35588	SCI 收录	是	Jiyu Zhou,? Hong-Hua Fang,§ Hui Wang,? Rui Meng,? Huiqiong Zhou,? Maria A. Loi,§ and Yuan Zhang*,?		非第一完成人(非独立完成)
210.	Ultra-narrow bandgap non-fullerene organic solar cells with low voltage losses and a large photocurrent?	Journal of Materials Chemistry A	6(41), 19934-19940	SCI 收录	是	Jianqiu Wang,?ab Shenkun Xie,?ab Dongyang Zhang,ab Rong Wang,ab Zhong Zheng,b Huiqiong Zhou b and Yuan Zhang *a	周惠琼	非第一完成人(非独立完成)

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211.	Understanding the temperature-dependent charge transport, structural variation and photoluminescent properties in methylammonium lead halide perovskite single crystals?	Journal of Materials Chemistry C	6, 6556-6564	SCI 收录	是	Jiyu Zhou, a Na Lei, b Huiqiong Zhou, c Yuan Zhang, *a Zhiyong Tang c and Lei Jiang a		非第一完成人(非独立完成)
212.	On the understanding of energetic disorder, charge recombination and voltage losses in all-polymer solar cells?	Journal of Materials Chemistry C	6(29), 7855-7863	SCI 收录	是	Ao Yin, abc Dongyang Zhang, bc Sin Hang Cheung, d Shu Kong So, d Zhiqiang Fu, *a Lei Ying, *e Fei Huang, e Huiqiong Zhou c and Yuan Zhang *b		非第一完成人(非独立完成)
213.	8-Hydroquinolate lithium as a Highly Effective Solution-Processable Cathode Interfacial Material in Inverted Perovskite Solar Cells with an Efficiency Over 19%	Solar RRL	2(9), 1800084	SCI 收录	否	Senyun Ye, Haixia Rao, Dongyang Zhang, Mengying Bian, Zifeng Zhao, Feidan Gu, Ziran Zhao, Yinlin Chen, Huiqiong Zhou, Zhiwei Liu, * Zuqiang Bian, *and Chunhui Huang		非第一完成人(非独立完成)



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214.	Recent spinterfacial studies targeted to spin manipulation in molecular spintronic devices	Chinese Physics B	27(10), 107202 (1-8)	SCI 收录	否	Xianrong Gu, Lidan Guo, and Xiangnan Sun*	孙向南	独立完成
215.	基于分子自旋阀的自旋电子学	科学通报	63(35), 3689-3696	EI 收录	否	谷现荣, 郭立丹, 秦阳, 孙向南*	孙向南	独立完成
216.	Advantage of arch-shaped structure on transistor performances over linearshaped structure in dibenzothienopyrrole semiconductors	Organic Electronics	61, 78-86	SCI 收录	否	Wenjing Mu, Su Sun, Jing Zhang, Mingyang Jiao, Wentao Wang, Yanwei Liu, Xiangnan Sun, Lang Jiang, Bozhen Chen, and Ting Qi?		非第一完成人(非独立完成)
217.	Modulating the Symmetry of Benzodithiophene by Molecular Tailoring for the Application in Naphthalene Diimide-Based N-Type Photovoltaic Polymers	Solar RRL	2, 1700230 (1-9)	SCI 收录	否	Jing Yang, Fan Chen, Bo Xiao, Su Sun, Xiangnan Sun, Keisuke Tajima, Ailing Tang, and Erjun Zhou*	孙向南	非第一完成人(非独立完成)

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218.	Nitrogen-doping induces tunable magnetism in ReS <sub>2</sub>	npj 2D Materials and Applications	2(22),	其它	否	Qin Zhang, Zemian Ren, Nian Wu, Wenjie Wang, Yingjie Gao, Qiqi Zhang, Jing Shi, Lin Zhuang, Xiangnan Sun and Lei Fu*		非第一完成人(非独立完成)
219.	High-performance, multifunctional devices based on asymmetric van der Waals heterostructures	Nature Electronics	1, 356-361	其它	否	Ruiqing Cheng, Feng Wang, Lei Yin, Zhenxing Wang, Yao Wen, Tofik Ahmed Shifa and Jun He*	何军	独立完成
220.	2D Library beyond Graphene and Transition Metal Dichalcogenides: A Focus on Photodetection	Chemical Society Review	47, 6296-6341	SCI 收录	是	Feng Wang, Zhenxing Wang, Lei Yin, Ruiqing Cheng, Junjun Wang, Yao Wen, Tofik Ahmed Shifa, Fengmei Wang, Yu Zhang, Xueying Zhan, and Jun He*	何军	独立完成
221.	Nonvolatile infrared memory in MoS <sub>2</sub> / PbS van der Waals heterostructure	Science Advances	4, eaap7916	SCI 收录	否	Qisheng Wang, Yao Wen, Kaiming Cai, Ruiqing Cheng, Lei Yin, Yu Zhang, Jie Li, Zhenxing Wang, Feng Wang, Fengmei Wang, Tofik Ahmed Shifa, Chao Jiang*, Hyunsoo Yang*, Jun He*	何军	第一完成人(非独立完成)

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222.	Edge-epitaxial growth of two-dimensional NbS <sub>2</sub> -WS <sub>2</sub> lateral metal-semiconductor heterostructures	Advanced Materials	30, 1803665	SCI 收录	是	Yu Zhang, Lei Yin, Junwei Chu, Tofik Ahmed Shifa, Jing Xia, Feng Wang, Yao Wen, Xueying Zhan, Zhenxing Wang*, Jun He*	王振兴, 何军	独立完成
223.	High-Yield Production of Monolayer FePS <sub>3</sub> Quantum Sheets via Chemical Exfoliation for Efficient Photocatalytic Hydrogen Evolution	Advanced Materials	30, 1707433	SCI 收录	是	Zhongzhou Cheng, Tofik Ahmed Shifa, Fengmei Wang, Yi Gao, Peng He, Kai Zhang*, Chao Jiang, Quanlin Liu and Jun He*	何军	第一完成人(非独立完成)
224.	Heterostructures based on two dimensional materials: A versatile platform for efficient catalysis	Advanced Materials	1804828	SCI 收录	是	Tofik Ahmed Shifa, Fengmei Wang, Yang Liu, Jun He*	何军	独立完成
225.	The role of active oxide species for electrochemical water oxidation on the surface of 3d-metal phosphides	Advanced Energy Materials	8, 1703290	SCI 收录	是	Kaili Liu, Fengmei Wang, Peng He, Tofik Ahmed Shifa, Zhenxing Wang, Zhongzhou Cheng, Xueying Zhan and Jun He*	何军	独立完成

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226.	WSe <sub>2</sub> /GeSe Heterojunction Photodiode with Giant Gate Tunability	Nano Energy	49, 103-108	SCI 收录	是	Zhenyu Yang, Lei Liao*, Fan Gong, Feng Wang, Zhen Wang, Xingqiang Liu, Xiangheng Xiao, Weida Hu, Jun He*, Xiangfeng Duan*	何军	非第一完成人(非独立完成)
227.	In Situ Formation of Copper□ Based Hosts Embedded within 3D N□Doped Hierarchically Porous Carbon Networks for Ultralong Cycle Lithium–Sulfur Batteries	Advanced Functional Materials	28, 1804520	SCI 收录	是	Qihong Yu, Yang Lu, Rongjie Luo, Xianming Liu, Kaifu Huo, Jang-Kyo Kim, Jun He* and Yongsong Luo*	何军	非第一完成人(非独立完成)
228.	New Frontiers on van der Waals Layered Metal Phosphorous Trichalcogenides	Advanced Functional Materials	28, 1802151	SCI 收录	是	Fengmei Wang, Tofik Ahmed Shifa, Peng Yu, Peng He, Yang Liu, Feng Wang, Zhenxing Wang, Xueying Zhan, Xiaoding Lou*, Fan Xia*, Jun He*	何军	第一完成人(非独立完成)
229.	Impact of Thickness on Contact Issues for Pinning Effect in Black Phosphorus Field-Effect Transistors	Advanced Functional Materials	28, 1801398	SCI 收录	是	Bei Jiang, Xuming Zou, Jie Su, Jinghua Liang, Jingli Wang, Huijun Liu, Liping Feng, Changzhong Jiang, Feng Wang, Jun He* and Lei Liao*	何军	非第一完成人(非独立完成)

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230.	High crystal quality 2D manganese phosphorus trichalcogenide nanosheets and their photocatalytic activity	Advanced Functional Materials	28, 1800548	SCI 收录	是	Tofik Ahmed Shifa, Fengmei Wang, Zhongzhou Cheng, Peng He, Yang Liu, Chao Jiang, Zhenxing Wang* and Jun He*	王振兴, 何军	独立完成
231.	High Performance Near-infrared Photodetector Based on Ultrathin Bi <sub>2</sub> O <sub>2</sub> Se Nanosheets	Advanced Functional Materials	28, 1706437	SCI 收录	是	Jie Li, Zhenxing Wang, Yao Wen, Junwei Chu, Lei Yin, Ruiqing Cheng, Le Lei, Peng He, Chao Jiang, Liping Feng* and Jun He*	何军	第一完成人(非独立完成)
232.	Focus on 2D materials beyond graphene	Nanotechnology	29, 010202	SCI 收录	否	Jun He, Yang Chai and Lei Liao	何军	第一完成人(非独立完成)
233.	Editable asymmetric all-solid-state supercapacitors based on high-strength, flexible, and programmable 2D-metal-organic framework/reduced graphene oxide self-assembled papers	Journal of Materials Chemistry A	6(41), 20254-20266	SCI 收录	是	Junye Cheng, Shengmei Chen, Da Chen, Liubing Dong, Jinjie Wang, Taolin Zhang, Tianpeng Jiao, Bin Liu, Hao Wang*, Ji-Jung Kai, Deqing Zhang, Guangping Zheng*, Linjie Zhi, Feiyu Kang and Wenjun Zhang*		非第一完成人(非独立完成)

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234.	Rational Design of Carbon-Rich Materials for Energy Storage and Conversion	Advanced Materials	e1804973	SCI 收录	是	Debin Kong, Yang Gao, Zhichang Xiao, Xiaohui Xu, Xianglong Li,* and Linjie Zhi*	李祥龙, 智林杰	独立完成
235.	Zinc-reduced graphene oxide for enhanced corrosion protection of zinc-rich epoxy coatings	Progress in Organic Coatings	123, 185-189	SCI 收录	否	Shuai Teng, Yang Gao, Fengli Cao, Debin Kong, Xiaoyu Zheng, Xiaomei Ma*, and Linjie Zhi*	智林杰	非第一完成人(非独立完成)
236.	A synergistic strategy for stable lithium metal anodes using 3D fluorine-doped graphene shuttle-implanted porous carbon networks	Nano Energy	49, 179-185	SCI 收录	是	Zihao Li, Xianglong Li*, Lu Zhou, Zhichang Xiao, Shanke Zhou, Xinghao Zhang, Lidong Li*, and Linjie Zhi*	智林杰	第一完成人(非独立完成)
237.	Scallop-Inspired Shell Engineering of Microparticles for Stable and High Volumetric Capacity Battery Anodes	Small	14(24), 1800752	SCI 收录	是	Xinghao Zhang, Ruiying Guo, Xianglong Li*, and Linjie Zhi*	李祥龙, 智林杰	独立完成

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238.	A facile and processable integration strategy towards Schiff-base polymer-derived carbonaceous materials with high lithium storage performance	Nanoscale	10(22), 10351-10356	SCI 收录	是	Zhichang Xiao, Junwei Han, Jing Xiao, Qi Song, Xinghao Zhang, Debin Kong*, Quan-Hong Yang, and Linjie Zhi*	孔德斌, 智林杰	独立完成
239.	Light-weight 3D Co-N-doped hollow carbon spheres as efficient electrocatalysts for rechargeable zinc-air batteries	Nanoscale	10(22), UNSP 10412	SCI 收录	是	Shengmei Chen, Junye Cheng, Longtao Ma, Shanke zhou, Xiuwen Xu, Chunyi Zhi, Wenjun Zhang, Linjie Zhi* and J. Antonio Zapien*	智林杰	第一完成人(非独立完成)
240.	Graphene hybridization for energy storage applications	Chemical Society Reviews	47(9), 3189-3216	SCI 收录	是	Xianglong Li*, Linjie Zhi*	李祥龙, 智林杰	独立完成
241.	WS2 nanoplates embedded in graphitic carbon nanotubes with excellent electrochemical performance for lithium and sodium storage	Science China-Materials	61(5), 671-678	SCI 收录	否	Debin Kong, Xiongying Qiu, Bin Wang, Zhichang Xiao, Xinghao Zhang, Ruiying Guo, Yang Gao, Quan-Hong Yang*, and Linjie Zhi*	智林杰	第一完成人(非独立完成)

序号	论文名称	期刊名称	卷、期、页	收录类型	是否为1区论文	作者	通讯作者	完成情况
242.	A facile Schiff base chemical approach: towards molecular-scale engineering of N-C interface for high performance lithium-sulfur batteries	Nano Energy	46, 365-371	SCI 收录	是	Zhichang Xiao, Debin Kong, Qi Song, Shanke Zhou, Yunbo Zhang, Amir Badshah, Jiaxu Liang, Linjie Zhi*	智林杰	独立完成
243.	Nitrogen-Enriched Carbon/CNT Composites Based on Schiff-Base Networks: Ultrahigh N Content and Enhanced Lithium Storage Properties	Small	14(12), UNSP 1703569	SCI 收录	是	Zhichang Xiao, Qi Song, Ruiying Guo, Debin Kong, Shanke Zhou, Xiaoxiong Huang, Rashid Iqbal, and Linjie Zhi*	智林杰	独立完成
244.	A collaborative strategy for stable lithium metal anodes by using three-dimensional nitrogen-doped graphene foams	Nanoscale	10(10), 4675-4679	SCI 收录	是	Zihao Li, Xianglong Li, Lu Zhou, Zhichang Xiao, Shanke Zhou, Lidong Li,* and Linjie Zhi*	智林杰	非第一完成人(非独立完成)



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245.	Controllable growth of SnS <sub>2</sub> nanostructures on nanocarbon surfaces for lithium-ion and sodium-ion storage with high rate capability	Journal of Materials Chemistry A	6(4), 1462-1472	SCI 收录	是	Bin Luo, Yuxiang Hu, Xiaobo Zhu, Tengfei Qiu, Linjie Zhi*, Mu Xiao, Haijiao Zhang*, Mingchu Zou, Anyuan Cao and Lianzhou Wang*	智林杰	非第一完成人(非独立完成)
246.	Caging tin oxide in three-dimensional graphene networks for superior volumetric lithium storage	Nature Communications	9, 402	SCI 收录	否	Junwei Han, Debin Kong, Wei Lv, Dai-Ming Tang, Daliang Han, Chao Zhang, Donghai Liu, Zhichang Xiao, Xinghao Zhang, Jing Xiao, Xinzi He, Feng-Chun Hsia, Chen Zhang, Ying Tao, Dmitri Golberg, Feiyu Kang, Linjie Zhi, and Quan-Hong Yang		非第一完成人(非独立完成)
247.	Catalytic Effects in Lithium–Sulfur Batteries: Promoted Sulfur Transformation and Reduced Shuttle Effect	Advanced Science	5(1), 1700270	SCI 收录	是	Donghai Liu, Chen Zhang, Guangmin Zhou, Wei Lv*, Guowei Ling, Linjie Zhi, and Quan-Hong Yang*		非第一完成人(非独立完成)
248.	Electron Highways	Nature Energy	3, 543-544	SCI 收录	是	Yin, H.; Tang, Z.*	唐智勇	独立完成

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249.	A manganese-hydrogen battery with potential for grid-scale energy storage	Nature Energy	3(5), 428-435	SCI 收录	是	Wei Chen,? Guodong Li,? Allen Pei, Yuzhang Li, Lei Liao, Hongxia Wang, Jiayu Wan, Zheng Liang, Guangxu Chen, Hao Zhang, Jiangyan Wang and Yi Cui*		第一完成人(非独立完成)
250.	Optically Active Inverse Opal Photonic Crystals	Journal of the American Chemical Society	140, 16446-16449	SCI 收录	是	Hou, K.; Ali, W.; Lv, J.; Guo, L.; Shi, L.; Han, B.; Wang, X.; Tang, Z.*	唐智勇	独立完成
251.	Metal-Organic Frameworks Encapsulating Active Nanoparticles as Emerging Composites for Catalysis: Recent Progress and Perspectives	Advanced Materials	30, 1800702	SCI 收录	是	Li, G.; Zhao, S.; Zhang, Y.; Tang, Z.*	唐智勇	独立完成
252.	Membrane Separation in Organic Liquid: Technologies,	Advanced Materials	1806090	SCI 收录	是	Bin Liang, Xiao He, Junjun Hou, Lianshan Li,* and Zhiyong Tang*	李连山, 唐智勇	独立完成

序号	论文名称	期刊名称	卷、期、页	收录类型	是否为1区论文	作者	通讯作者	完成情况
253.	Distinct Excitonic Circular Dichroism between Wurtzite and Zincblende CdSe Nanoplatelets	Nano Letters	18, 6665-6671	SCI 收录	是	Gao, X.; Zhang, X.; Zhao, L.; Huang, P.; Han, B.; Lv, J.; Qiu, X.; Wei, S.-H.; Tang, Z.*	唐智勇	独立完成
254.	Enantioseparation of Au <sub>20</sub> (PP3) <sub>4</sub> Cl <sub>4</sub> Clusters with Intrinsically Chiral Cores	Angewandte Chemie International Edition	57, 9059-9063	SCI 收录	是	Zhu, Y.; Wang, H.; Wan, K.; Guo, J.; He, C.; Yu, Y.; Zhao, L.; Zhang, Y.; Lv, J.; Shi, L.; Jin, R.; Zhang, X.; Shi, X.; Tang, Z.*	唐智勇	独立完成
255.	Effective and Selective Catalysts for Cinnamaldehyde Hydrogenation: Hydrophobic Hybrids of Metal-Organic Frameworks, Metal Nanoparticles, and Micro- and Mesoporous Polymers	Angewandte Chemie International Edition	57, 5708-5713	SCI 收录	是	Yuan, K.; Song, T.; Wang, D.; Zhang, X.;* Gao, X.; Zou, Y.; Dong, H.; Tang, Z.;* Hu, W.*	唐智勇	第一完成人(非独立完成)

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256.	Ultrathin Nitrogen-Doped Holey Carbon@Graphene Bifunctional Electrocatalyst for Oxygen Reduction and Evolution Reactions in Alkaline and Acidic Media	Angewandte Chemie International Edition	57, 16511-16515	SCI 收录	是	Sun, J.; Lowe, S. E.; Zhang, L.; Wang, Y.; Pang, K.; Wang, Y.; Zhong, Y.; Liu, P.; Zhao, K.; Tang, Z.;* Zhao, H.*	唐智勇	第一完成人(非独立完成)
257.	Bread-derived 3D Macroporous Carbon Foams as High Performance Free-Standing Anode in Microbial Fuel Cells	Biosensors and Bioelectronics	122, 217-223	SCI 收录	是	Zhang, L.; He, W.; Yang, J.; Sun, J.; Li, H.; Han, B.; Zhang, S.; Shi, Y.; Feng, Y.; Tang, Z.;* Liu, S.*	唐智勇	第一完成人(非独立完成)
258.	Controllable Fabrication of Redox-Active Conjugated Microporous Polymers on Reduced Graphene Oxide for High Performance Faradaic Energy Storage	Journal of Materials Chemistry A	6, 18827-18832	SCI 收录	是	Khattak, A. M.; Sin, H.; Ghazi, Z. A.; He, X.; Liang, B.; Khan, N. A.; Alanagh, H. R.; Iqbal, A.; Li, L.;* Tang, Z.*	唐智勇	独立完成

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259.	First Achieving Highly Selective Oxidation of Aliphatic Alcohols to Aldehydes Over Photocatalysts	Journal of Materials Chemistry A	6, 13236-13243	SCI 收录	是	Xie, F.; Zhang, Y.; He, X.; Li, H.; Qiu, X.; Zhou, W.; Huo, S.; Tang, Z.*	唐智勇	独立完成
260.	Metallic Cobalt-Carbon Composite as Recyclable and Robust Magnetic Photocatalyst for Efficient CO2 Reduction	Small	14, 1800762	SCI 收录	是	Zhao, K.; Zhao, S.; Gao, C.; Qi, J.; Yin, H.; Wei, D.; Mideksa, M. F.; Wang, X.; Gao, Y.; Tang, Z.;* Yu, R.*	唐智勇	第一完成人(非独立完成)
261.	Coordination-Responsive Drug Release Inside Gold Nanorod@Metal-Organic Framework Core-Shell Nanostructures for Near-Infrared-Induced Synergistic Chemo-Photothermal Therapy	Nano Research	11, 3294-3305	SCI 收录	是	Li, Y.; Jin, J.; Wang, D.; Lv, J.; Hou, K.; Liu, Y.;* Chen, C.;* Tang, Z.*	唐智勇	第一完成人(非独立完成)

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262.	A Reassembled Nanoporous Gold Leaf Electrocatalyst for Efficient CO <sub>2</sub> Reduction Towards CO	Inorganic Chemistry Frontiers	5, 1207-1212	SCI 收录	是	Wen, X.; Chang, L.; Gao, Y.*; Han, J.; Bai, Z.*; Huan, Y.; Li, M.; Tang, Z.; Yan, X.*	高燕	第一完成人(非独立完成)
263.	Screening Commercial Semiconductors for Visible Light Driven Asymmetric Catalysis	Particle & Particle Systems Characterization	35, 1700280	SCI 收录	否	Zhang, Y.; Zhu, Y.; Zhou, W.; Qiu, X.; Tang, Z.*	唐智勇	独立完成
264.	Strong interference-based ultrathin conductive anti-reflection coating on metal substrates for optoelectronics	NPG Asia Materials	10, 309-317	SCI 收录	否	Hongyan Liu*, Jingjing Peng, Weiming Liu, Yonglin Wang, Jianhua Wu, Guanli Zhang, Xiaoli Wang* and Yue Yan*	王晓莉	第一完成人(非独立完成)
265.	Self-Assembly of Near-Unity Helical Ce <sub>1-x</sub> M <sub>x</sub> O <sub>2</sub> (x = 0.1, M = Ni and Bi) Solid Solutions with Tuneable Optical Activity	New Journal of Chemistry	42, 1577-1580	SCI 收录	否	Chen, J.; Li, S.*; Du, J.; Liu, J.; Yu, M.; Tang, Z.*	唐智勇	第一完成人(非独立完成)

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266.	In situ Monitoring of Molecular Aggregation using Circular Dichroism	Nature Communications	9, 4961	SCI 收录	否	Zhang, K.; Zheng, X.; Kwok, R. T. K.; Wang, J.; Leung, N. L. C.; Shi, L.; Sun, J. Z.; Tang, Z.; Lam, J. W. Y.; Qin, A.;* Tang, B. Z.*		非第一完成人(非独立完成)
267.	A Biopolymer Heparin Sodium Interlayer Anchoring TiO <sub>2</sub> and MAPbI <sub>3</sub> Enhances Trap Passivation and Device Stability in Perovskite Solar Cells	Advanced Materials	30, 1706924	SCI 收录	是	Yu, S.; Wang, H.; Bi, S.; Zhou, J.; Qin, L.; Qiu, X.; Zhao, Z.; Xu, Y.; Zhang, Y.;* Shi, X.; Zhou, H.;* Tang, Z.	周惠琼	非第一完成人(非独立完成)
268.	Uncovering the Circular Polarization Potential of Chiral Photonic Cellulose Films for Photonic Applications	Advanced Materials	30, 1705948	SCI 收录	是	Zheng, H.; Li, W.; Li, W.; Wang, X.; Tang, Z.; Zhang, S. X.-A.;* Xu, Y.*		非第一完成人(非独立完成)

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269.	Sandwich-Like Reduced Graphene Oxide/Carbon Black/Amorphous Cobalt Borate Nanocomposites as Bifunctional Cathode Electrocatalyst in Rechargeable Zinc-Air Batteries	Advanced Energy Materials	8, 1801495	SCI 收录	是	Sun, J.; Yang, D.; Lowe, S.; Zhang, L.; Wang, Y.; Zhao, S.; Liu, P.; Wang, Y.; Tang, Z.; Zhao, H.; Yao, X.*		第一完成人(非独立完成)
270.	Chiral Nanoparticles with Full-Color and White CPL Properties Based on Optically Stable Helical Aromatic Imide Enantiomers	ACS Applied Materials & Interfaces	10, 8225-8230	SCI 收录	是	Li, M.; Zhang, C.; Fang, L.; Shi, L.; Tang, Z.; Lu, H.-Y.; Chen, C.-F.*		非第一完成人(非独立完成)
271.	Circularly Polarized Luminescent Carbon Dot Nanomaterials of Helical Superstructures for Circularly Polarized Light Detection	Advanced Optical Materials	6, 1801246	SCI 收录	是	Zheng, H.; Ju, B.; Wang, X.; Wang, W.; Li, M.; Tang, Z.; Zhang, S. X.-A.*; Xu, Y.*		非第一完成人(非独立完成)



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272.	Understanding the Temperature-Dependent Charge Transport, Structural Variation and Photoluminescent Properties in Methylammonium Lead Halide Perovskite Single Crystals	Journal of Materials Chemistry C	6, 6556-6564	SCI 收录	是	Zhou, J.; Lei, N.; Zhou, H.; Zhang, Y.* Tang, Z.; Jiang, L.		非第一完成人(非独立完成)
273.	Bimetal-Organic Frameworks for Functionality Optimization: MnFe-MOF-74 as a Stable and Efficient Catalyst for the Epoxidation of Alkenes with H <sub>2</sub> O <sub>2</sub>	Nanoscale	10, 1591-1597	SCI 收录	是	Yuan, K.; Song, T.; Wang, D.; Zou, Y.; Li, J.; Zhang, X.; Tang, Z.; Hu, W.*		非第一完成人(非独立完成)

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274.	ZnO/carbon framework derived from metal-organic frameworks as a stable host for lithium metal anodes	Energy Storage Materials	11, 191-196	其它	否	Leying Wang,? Xiayu Zhu,? Yuepeng Guan, Jinliang Zhang, Fei Ai, Wenfeng hang, Yu Xiang, Srinivasapriyan Vijayan, Guodong Li, Yaqin Huang, Gaoping Cao, Yusheng Yang, Hao Zhang*		非第一完成人(非独立完成)
275.	Determination of the thermopower of microscale samples with an AC method Determination of the thermopower of microscale samples with an AC method	Measurement	131, 204-210	SCI 收录	否	Hanfu Wang*, Fanglong Yang, Yanjun Guo, Kaiwu Peng, Dongwei Wang, Weiguo Chu*,Shuqi Zheng*	王汉夫, 唐智勇	第一完成人(非独立完成)

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276.	High-performance n-type thermoelectric composites of acridones with tethered tertiary amines and carbon nanotubes Chengjun Pan, b Chuluo Yang, b Hanfu Wang, d Guangming Chen * b and Lei Wang *	Journal of Materials Chemistry A	6, 20161-20169	SCI 收录	是	Chunmei Gao, Yijia Liu, Yuan Gao*, Yan Zhou, Xiaoyan Zhou, Xiaojun Yin, Chengjun Pan, Chuluo Yang, Hanfu Wang, Guangming Chen * and Lei Wang *		非第一完成人(非独立完成)