

## 2019 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	Efficient Intracellular Delivery of RNase A Using DNA Origami Carriers	ACS APPLIED MATERIALS & INTERFACES	2019,11:11112	SCI 收录	是	Zhao Shuai, Duan Fangyuan, Liu Shaoli, Wu Tiantian, Shang Yingxu, Tian Run, Liu Jianbing, Wang Zhen-Gang, Jiang Qiao, Ding Baoquan	蒋乔;丁宝全	独立完成
2	Elastomer-Free, Stretchable, and Conformable Silver Nanowire Conductors Enabled by Three-Dimensional Buckled Microstructures	ACS APPLIED MATERIALS & INTERFACES	2019,11:6541	SCI 收录	是	Weng Chuanxin, Dai Zhaohe, Wang Guorui, Liu Luqi, Zhang Zhong	刘璐琪;张忠	独立完成
3	Engineering Surface Patterns with Shape Memory Polymers: Multiple Design Dimensions for Diverse and Hierarchical Structures	ACS APPLIED MATERIALS & INTERFACES	2019,11:1563	SCI 收录	是	Zhao Lingyu, Zhang Liangpei, Zhao Jun, Shi Jidong, Dai Zhaohe, Wang Guorui, Zhang Cheng, Li Bo, Feng Xiqiao, Zhang Hui, Zhang Jin, Zhang Zhong	赵军;张忠	独立完成
4	Fabrication of Metal Nanostructures on DNA Templates	ACS APPLIED MATERIALS & INTERFACES	2019,11:13835	SCI 收录	是	Li Na, Shang Yingxu, Han Zihong, Wang Ting, Wang Zhen-Gang, Ding Baoquan	Wang ZG;丁宝全	独立完成

5	Planar Benzofuran Inside-Fused Perylenediimide Dimers for High V-OC Fullerene-Free Organic Solar Cells	ACS APPLIED MATERIALS & INTERFACES	2019,11:4203	SCI 收录	是	Yang Jing, Chen Fan, Hu Junyi, Geng Yanfang, Zeng Qingdao, Tang Ailing, Wang Xiaochen, Zhou Erjun	耿彦芳;周二军	独立完成
6	Robust Assembly of Colloidal Nanoparticles for Controlled-Reflectance Surface Construction	ACS APPLIED MATERIALS & INTERFACES	2019,11:23773	SCI 收录	是	Jiang Wenyu, Ma Yanhong, Zhao Jian, Li Lele, Xu Yuanqing, Guo Hongbo, Song Luting, Chen Zhexue, Zhang Yong	张勇	独立完成
7	Powerful Dual Metal-Organic Framework Heterointerface for Wound Healing	ACS CENTRAL SCIENCE	2019,5:1488	SCI 收录	是	Hou Ke, Tang Zhiyong	唐智勇	独立完成
8	Indacenodithieno[3,2-b]thiophene-Based Wide Bandgap D-pi-A Copolymer for Nonfullerene Organic Solar Cells	ACS MACRO LETTERS	2019,8:1599	SCI 收录	是	Li Feng, Tang Ailing, Zhang Bao, Zhou Erjun	唐爱玲;周二军	独立完成
9	Introducing Fluorine and Sulfur Atoms into Quinoxaline-Based p-type Polymers To Gradually Improve the Performance of Fullerene-Free Organic Solar Cells	ACS MACRO LETTERS	2019,8:743	SCI 收录	是	Yang Jing, Cong Peiqing, Chen Lie, Wang Xiaochen, Li Jianfeng, Tang Ailing, Zhang Bao, Geng Yanfang, Zhou Erjun	周二军	独立完成

10	Optically Active Upconverting Nanoparticles with Induced Circularly Polarized Luminescence and Enantioselectively Triggered Photopolymerization	ACS NANO	2019,13:2804	SCI 收录	是	Jin Xue, Sang Yutao, Shi Yonghong, Li Yuangang, Zhu Xuefeng, Duan Pengfei, Liu Minghua	段鹏飞	独立完成
11	Synthesis and Optoelectronic Applications of a Stable p-Type 2D Material: alpha-MnS	ACS NANO	2019,13:12662	SCI 收录	是	Li Ningning, Zhang Yu, Cheng Ruiqing, Wang Junjun, Li Jie, Wang Zhenxing, Sendeku Marshet Getaye, Huang Wenhao, Yao Yuyu, Wen Yao, He Jun	何军	独立完成
12	Rationally designed DNA-based nanocarriers	ADVANCED DRUG DELIVERY REVIEWS	2019,147:2	SCI 收录	是	Jiang Qiao, Zhao Shuai, Liu Jianbing, Song Linlin, Wang Zhen-Gang, Ding Baoquan	丁宝全	独立完成
13	Liquid-Crystalline Small Molecules for Nonfullerene Solar Cells with High Fill Factors and Power Conversion Efficiencies	ADVANCED ENERGY MATERIALS	2019,9:1803175	SCI 收录	是	Li Huan, Wu Qiong, Zhou Ruimin, Shi Yanan, Yang Chen, Zhang Yajie, Zhang Jianqi, Zou Wenjun, Deng Dan, Lu Kun, Wei Zhixiang	邹文君;邓丹; 魏志祥	独立完成

14	A General One-Pot Synthesis Strategy of 3D Porous Hierarchical Networks Crosslinked by Monolayered Nanoparticles Interconnected Nanoplates for Lithium Ion Batteries	ADVANCED FUNCTIONAL MATERIALS	2019,29:190300 3	SCI 收 录	是	Tan Xinghua, Guo Limin, Liu Shengnan, Wu Jianxin, Zhao Tingqiao, Ren Juncong, Liu Yanlin, Kang Xiaohong, Wang Hanfu, Sun Lianfeng, Chu Weiguo	王汉夫;孙连峰;褚卫国	独立完成
15	Dimensionally Designed Carbon-Silicon Hybrids for Lithium Storage	ADVANCED FUNCTIONAL MATERIALS	2019,29:180606 1	SCI 收 录	是	Zhang Xinghao, Kong Debin, Li Xianglong, Zhi Linjie	李祥龙;智林杰	独立完成
16	Van der Waals Heterostructure Devices with Dynamically Controlled Conduction Polarity and Multifunctionality	ADVANCED FUNCTIONAL MATERIALS	2019,29:180489 7	SCI 收 录	是	Yin Lei, Wang Feng, Cheng Ruiqing, Wang Zhenxing, Chu Junwei, Wen Yao, He Jun	何军	独立完成
17	Biomedical Applications of DNA-Based Molecular Devices	ADVANCED HEALTHCARE MATERIALS	2019,8:1801658	SCI 收 录	是	Liu Shaoli, Jiang Qiao, Wang Yuanning, Ding Baoquan	丁宝全	独立完成
18	Antibacterial Carbon-Based Nanomaterials	ADVANCED MATERIALS	2019,31:180483 8	SCI 收 录	是	Xin Qi, Shah Hameed, Nawaz Asmat, Xie Wenjing, Akram Muhammad Zain, Batool Aisha, Tian Liangqiu, Jan Saad Ullah, Boddula Rajender, Guo Beidou, Liu Qian, Gong Jian Ru	郭北斗;官建茹	独立完成

19	Aromatic-Diimide-Based n-Type Conjugated Polymers for All-Polymer Solar Cell Applications	ADVANCED MATERIALS	2019,31:180469 9	SCI 收录	是	Yang Jing, Xiao Bo, Tang Ailing, Li Jianfeng, Wang Xiaochen, Zhou Erjun	周二军	独立完成
20	Heterostructures Based on 2D Materials: A Versatile Platform for Efficient Catalysis	ADVANCED MATERIALS	2019,31:180482 8	SCI 收录	是	Shifa Tofik Ahmed, Wang Fengmei, Liu Yang, He Jun	何军	独立完成
21	Interfacial Modification in Organic and Perovskite Solar Cells	ADVANCED MATERIALS	2019,31:180570 8	SCI 收录	是	Bi Shiqing, Leng Xuanye, Li Yanxun, Zheng Zhong, Zhang Xuning, Zhang Yuan, Zhou Huiqiong	周惠琼	独立完成
22	Large-Area Organic Solar Cells: Material Requirements, Modular Designs, and Printing Methods	ADVANCED MATERIALS	2019,31:180508 9	SCI 收录	是	Wang Guodong, Adil Muhammad Abdullah, Zhang Jianqi, Wei Zhixiang	魏志祥	独立完成
23	Membrane Separation in Organic Liquid: Technologies, Achievements, and Opportunities	ADVANCED MATERIALS	2019,31:180609 0	SCI 收录	是	Liang Bin, He Xiao, Hou Junjun, Li Lianshan, Tang Zhiyong	李连山;唐智勇	独立完成
24	Molecular Magnets Based on Graphenes and Carbon Nanotubes	ADVANCED MATERIALS	2019,31:180491 7	SCI 收录	是	Zhang Jian, Deng Ya, Hu Xiao, Chi Xiannian, Liu Jia, Chu Weiguo, Sun Lianfeng	褚卫国;孙连峰	独立完成
25	Multichannel-Independent Information Encoding with Optical Metasurfaces	ADVANCED MATERIALS	2019,31:180492 1	SCI 收录	是	Dong Fengliang, Chu Weiguo	褚卫国	独立完成

26	Multisegmented Metallic Nanorods: Sub-10 nm Growth, Nanoscale Manipulation, and Subwavelength Imaging	ADVANCED MATERIALS	2019,31:180495 8	SCI 收录	是	Ma Yanhong, Jiang Wenyu, Xu Yuanqing, Zhang Yong	张勇	独立完成
27	Nanoenvelopes: Wrapping a Single-Walled Carbon Nanotube with Graphene using an Atomic Force Microscope	ADVANCED MATERIALS	2019,31:180491 8	SCI 收录	是	Hu Xiao, Wei Hang, Liu Jia, Zhang Jian, Chi Xiannian, Jiang Peng, Sun Lianfeng	江鹏;孙连峰	独立完成
28	Photon Upconverted Circularly Polarized Luminescence via Triplet-Triplet Annihilation	ADVANCED MATERIALS	2019,31:180568 3	SCI 收录	是	Yang Dong, Han Jianlei, Liu Minghua, Duan Pengfei	段鹏飞	独立完成
29	Rational Design of Carbon-Rich Materials for Energy Storage and Conversion	ADVANCED MATERIALS	2019,31:180497 3	SCI 收录	是	Kong Debin, Gao Yang, Xiao Zhichang, Xu Xiaohui, Li Xianglong, Zhi Linjie	李祥龙;智林杰	独立完成
30	Rationally Designed DNA-Origami Nanomaterials for Drug Delivery In Vivo	ADVANCED MATERIALS	2019,31:180478 5	SCI 收录	是	Jiang Qiao, Liu Shaoli, Liu Jianbing, Wang Zhen-Gang, Ding Baoquan	丁宝全	独立完成
31	Recent Advances in Molecular Spintronics: Multifunctional Spintronic Devices	ADVANCED MATERIALS	2019,31:180535 5	SCI 收录	是	Guo Lidan, Gu Xianrong, Zhu Xiangwei, Sun Xiangnan	孙向南	独立完成

32	Recent Progress in CVD Growth of 2D Transition Metal Dichalcogenides and Related Heterostructures	ADVANCED MATERIALS	2019,31:190169 4	SCI 收录	是	Zhang Yu, Yao Yuyu, Sendeku Marshet Getaye, Yin Lei, Zhan Xueying, Wang Feng, Wang Zhenxing, He Jun	何军	独立完成
33	Strain Engineering of 2D Materials: Issues and Opportunities at the Interface	ADVANCED MATERIALS	2019,31:180541 7	SCI 收录	是	Dai Zhaohe, Liu Luqi, Zhang Zhong	刘璐琪;张忠	独立完成
34	Ultrathin Magnetic 2D Single-Crystal CrSe	ADVANCED MATERIALS	2019,31:190005 6	SCI 收录	是	Zhang Yu, Chu Junwei, Yin Lei, Shifa Tofik Ahmed, Cheng Zhongzhou, Cheng Ruiqing, Wang Feng, Wen Yao, Zhan Xueying, Wang Zhenxing, He Jun	何军	独立完成
35	Uncovering the Conduction Behavior of van der Waals Ambipolar Semiconductors	ADVANCED MATERIALS	2019,31:180531 7	SCI 收录	是	Wang Feng, Tu Bin, He Peng, Wang Zhenxing, Yin Lei, Cheng Ruiqing, Wang Junjun, Fang Qiaojun, He Jun	何军	独立完成
36	A Nanobody-Conjugated DNA Nanoplatfom for Targeted Platinum-Drug Delivery	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2019,58:14224	SCI 收录	是	Wu Tiantian, Liu Jianbing, Liu Manman, Liu Shaoli, Zhao Shuai, Tian Run, Wei Dengshuai, Liu Yangzhong, Zhao Yao, Xiao Haihua, Ding Baoquan	丁宝全	独立完成

37	Enhanced Circularly Polarized Luminescence from Reorganized Chiral Emitters on the Skeleton of a Zeolitic Imidazolate Framework	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2019,58:4978	SCI 收录	是	Zhao Tonghan, Han Jianlei, Jin Xue, Liu Yan, Liu Minghua, Duan Pengfei	段鹏飞	独立完成
38	Enhanced Circularly Polarized Luminescence in Emissive Charge-Transfer Complexes	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2019,58:7013	SCI 收录	是	Han Jianlei, Yang Dong, Jin Xue, Jiang Yuqian, Liu Minghua, Duan Pengfei	Liu MH;段鹏飞	独立完成
39	Reordering d Orbital Energies of Single-Site Catalysts for CO <sub>2</sub> Electroreduction	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2019,58:12711	SCI 收录	是	Han Jianyu, An Pengfei, Liu Shuhu, Zhang Xiaofei, Wang Dawei, Yuan Yi, Guo Jun, Qiu Xueying, Hou Ke, Shi Lin, Zhang Yin, Zhao Shenlong, Long Chang, Tang Zhiyong	唐智勇	独立完成
40	Oriented layered Bi <sub>2</sub> O <sub>2</sub> Se nanowire arrays for ultrasensitive photodetectors	APPLIED PHYSICS LETTERS	2019,114:15110 4	SCI 收录	否	Li Jie, Wang Zhenxing, Chu Junwei, Cheng Zhongzhou, He Peng, Wang Junjun, Yin Lei, Cheng Ruiqing, Li Ningning, Wen Yao, He Jun	王振兴;何军	独立完成
41	Boosting efficiency of planar heterojunction perovskite solar cells to 21.2% by a facile two-step deposition strategy	APPLIED SURFACE SCIENCE	2019,484:1191	SCI 收录	否	Li Shina, Ren He, Yan Yong	鄢勇	独立完成



42	Mechanical responses of boron-doped monolayer graphene	CARBON	2019,147:594	SCI 收录	是	Dai Zhaohe, Wang Guorui, Zheng Zhiyue, Wang Yanlei, Zhang Shuai, Qi Xiaoying, Tan Pingheng, Liu Luqi, Xu Zhiping, Li Qunyang, Cheng Zhihai, Zhang Zhong	刘璐琪;Cheng ZH;张忠	独立完成
43	Influence of defects in porous ZnO nanoplates on CO2 photoreduction	CATALYSIS TODAY	2019,335:300	SCI 收录	否	Li Pan, Zhu Shuang, Hu Haifeng, Guo Lingju, He Tao	Guo LJ;贺涛	独立完成
44	Optimization of charge behavior in nanoporous CuBi2O4 photocathode for photoelectrochemical reduction of CO2	CATALYSIS TODAY	2019,335:388	SCI 收录	否	Wang Yanjie, Wang Hongjia, Woldu Abebe Reda, Zhang Xuehua, He Tao	贺涛	独立完成
45	High Performance LiMn1.9Al0.1O4 Porous Microspheres Rapidly Self-Assembled through an Acetylene-Black-Assisted Solid-State Approach	CHEMELECTRO CHEM	2019,6:668	SCI 收录	否	Tan Xinghua, Guo Limin, Jiang Yi, Liu Shengnan, Zhang Jiangtao, Wu Jianxin, Kang Xiaohong, Wang Hanfu, Chu Weiguo	王汉夫;褚卫国	独立完成

46	Changing the pi-bridge from thiophene to thieno[3,2-b]thiophene for the D-pi-A type polymer enables high performance fullerene-free organic solar cells	CHEMICAL COMMUNICATIONS	2019,55:6708	SCI 收录	是	Chen You, Geng Yanfang, Tang Ailing, Wang Xiaochen, Sun Yanming, Zhou Erjun	周二军	独立完成
47	Enzyme Mimic Based on a Self-Assembled Chitosan/DNA Hybrid Exhibits Superior Activity and Tolerance	CHEMISTRY-A EUROPEAN JOURNAL	2019,25:12576	SCI 收录	否	Wang Zhen-Gang, Li Yunzhe, Wang Hui, Wan Kaiwei, Liu Qing, Shi Xinghua, Ding Baoquan	丁宝全	独立完成
48	A-pi-D-pi-A small-molecule donors with different end alkyl chains obtain different morphologies in organic solar cells	CHINESE CHEMICAL LETTERS	2019,30:906	SCI 收录	否	Shi Yanan, Yang Chen, Li Huan, Liu Lixuan, Zhou Ruimin, Zou Wenjun, Wang Zhen, Wu Qiong, Deng Dan, Zhang Jianqi, Lu Kun, Wei Zhixiang	邹文君;吕琨	独立完成
49	Biomaterialized coordinated metal polymers in epoxy for high mechanical and tribological properties	COMPOSITES PART A- APPLIED SCIENCE AND MANUFACTURING	2019,123:37	SCI 收录	否	Alanagh Hamideh Rezvani, Imani Abolhassan, Zhang Hui, Owais Mohammad, Zhang Xiaofei, Zheng Yonglong, Mideksa Megersa Feyissa, Tang Zhiyong, Zhang Zhong	张晖;张忠	独立完成

50	Improved thermal conductivity of thermoplastic polyurethane via aligned boron nitride platelets assisted by 3D printing	COMPOSITES PART A- APPLIED SCIENCE AND MANUFACTURING	2019,120:140	SCI 收录	否	Liu Junchao, Li Weiwei, Guo Yufeng, Zhang Hui, Zhang Zhong	张晖;张忠	独立完成
51	Synergetic effect of hybrid fillers of boron nitride, graphene nanoplatelets, and short carbon fibers for enhanced thermal conductivity and electrical resistivity of epoxy nanocomposites	COMPOSITES PART A- APPLIED SCIENCE AND MANUFACTURING	2019,117:11	SCI 收录	否	Owais Mohammad, Zhao Jun, Imani Abolhassan, Wang Guorui, Zhang Hui, Zhang Zhong	赵军;张忠	独立完成
52	Ionic porous organic polymers for CO2 capture and conversion	CURRENT OPINION IN GREEN AND SUSTAINABLE CHEMISTRY	2019,16:20	SCI 收录	否	Liu Zhi-Wei, Han Bao-Hang	韩宝航	独立完成

53	ZnTe-based nanocatalysts for CO2 reduction	CURRENT OPINION IN GREEN AND SUSTAINABLE CHEMISTRY	2019,16:7	SCI 收录	否	Wang Yanjie, He Tao	贺涛	独立完成
54	The effect of one-or two-dimensional conjugated benzodithiophene in polymeric donors on the device performance of non-fullerene organic solar cells	DYES AND PIGMENTS	2019,163:221	SCI 收录	否	Zheng Zhong, Zhou Huiqiong	周惠琼	独立完成
55	Zn@C Core-Shell Nanocomposite for Rechargeable Aqueous Zn//MnO2 Batteries with Long Lifetime	ENERGY TECHNOLOGY	2019,7:1800912	SCI 收录	否	Wei Hang, Hu Xiao, Zhang Xianfeng, Yu Zhifeng, Zhou Tianyi, Liu Yang, Liu Yongguang, Wang Yue, Xie Jiexin, Sun Lianfeng, Liang Minghui, Jiang Peng	孙连峰;梁明会;Jiang P	独立完成
56	Spin Transport in Organic Molecules	FRONTIERS IN CHEMISTRY	2019,7:428	SCI 收录	否	Guo Lidan, Qin Yang, Gu Xianrong, Zhu Xiangwei, Zhou Qiong, Sun Xiangnan	祝向伟;孙向南	独立完成
57	Poly-phenylenediamine-derived atomically dispersed Ni sites for the electroreduction of CO2 to CO	INORGANIC CHEMISTRY FRONTIERS	2019,6:1729	SCI 收录	否	Zheng Yonglong, Han Jianyu, Takele Leta, Xie Feng, Zhang Yin, Sun Jiqing, Han Bing, Chen Jing, Gao Yan, Tang Zhiyong	高远	独立完成

58	Hollow N-doped Carbon Polyhedrons with Hierarchically Porous Shell for Confinement of Polysulfides in Lithium-Sulfur Batteries	ISCIENCE	2019,13:243	其它	否	Yang Dong-Hui, Zhou Hang-Yu, Liu Hu, Han Bao-Hang	韩宝航	独立完成
59	Considerable capacity increase of high-nickel lithium-rich cathode materials by effectively reducing oxygen loss and activating Mn <sup>4+</sup> /3+ redox couples via Mo doping	JOURNAL OF ALLOYS AND COMPOUNDS	2019,790:170	SCI 收录	否	Guo Limin, Tan Xinghua, Liu Shengnan, Wu Jianxin, Ren Juncong, Zhao Tingqiao, Kang Xiaohong, Wang Hanfu, Chu Weiguo	王汉夫;褚卫国	独立完成
60	A cationic porous organic polymer for high-capacity, fast, and selective capture of anionic pollutants	JOURNAL OF HAZARDOUS MATERIALS	2019,367:348	SCI 收录	是	Liu Zhi-Wei, Cao Cong-Xiao, Han Bao-Hang	韩宝航	独立完成
61	Chemical tailoring of one-dimensional polypyrene nanocapsules at a molecular level: towards ideal sulfur hosts for high-performance Li-S batteries	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:2009	SCI 收录	是	Xiao Zhichang, Xu Xiaohui, Kong Debin, Liang Jiayu, Zhou Shanke, Huang Xiaoxiong, Yang Qi, Zhi Linjie	智林杰	独立完成

62	Olefin/paraffin separation through membranes: from mechanisms to critical materials	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:23489	SCI 收录	是	Hou Junjun, Liu Pengchao, Jiang Meihuizi, Yu Lian, Li Lianshan, Tang Zhiyong	李连山	独立完成
63	A thieno[3,4-b]pyrazine-based A(2)-A(1)-D-A(1)-A(2) type low bandgap non-fullerene acceptor with 1,1-dicyanomethylene-3-indanone (IC) as the terminal group	JOURNAL OF MATERIALS CHEMISTRY C	2019,7:8820	SCI 收录	是	Li Jianfeng, Chen You, Wang Xiaochen, Li Feng, Tang Ailing, Geng Yanfang, Zhou Erjun	周二军	独立完成
64	Polydopamine/ZnO electron transport layers enhance charge extraction in inverted non-fullerene organic solar cells	JOURNAL OF MATERIALS CHEMISTRY C	2019,7:10795	SCI 收录	是	Ahmad Nafees, Zhang Xuning, Yang Shuo, Zhang Dongyang, Wang Jianqiu, Zafar Saud Uz, Li Yanxun, Zhang Yuan, Hussain Sabir, Cheng Zihai, Kumaresan Anbu, Zhou Huiqiong	周惠琼	独立完成
65	TBAB additive for inorganic CsPbI <sub>2.4</sub> Br <sub>0.6</sub> perovskite solar cells with efficiency beyond 15%	JOURNAL OF MATERIALS CHEMISTRY C	2019,7:7207	SCI 收录	是	Jia Xue, Liu Ling, Fang Zhimin	Jia X	独立完成
66	Enantioselective addition of diethylzinc to aromatic aldehydes catalyzed by chiral BINOL-functionalized nanoporous graphene oxides	JOURNAL OF MATERIALS SCIENCE	2019,54:6908	SCI 收录	否	Wang Xu, Guo Jiahui, Qie Fengxiang, Yan Yong	鄢勇	独立完成

67	Configuration-Modulated Hot Electron Dynamics of Gold Nanorod Assemblies	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	2019,10:6578	SCI 收录	是	Mideksa Megersa Feyissa, Liu Hongyan, Wang Fei, Ali Wajid, Li Hongdong, Wang Xiaoli, Tang Zhiyong	Wang XL	独立完成
68	A Self-Assembled Platform Based on Branched DNA for sgRNA/Cas9/Antisense Delivery	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	2019,141:19032	SCI 收录	是	Liu Jianbing, Wu Tiantian, Lu Xuehe, Wu Xiaohui, Liu Shaoli, Zhao Shuai, Xu Xuehui, Ding Baoquan	丁宝全	独立完成
69	Perspective of Chiral Colloidal Semiconductor Nanocrystals: Opportunity and Challenge	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	2019,141:13700	SCI 收录	是	Gao Xiaoqing, Han Bing, Yang Xuekang, Tang Zhiyong	唐智勇	独立完成
70	Precise Organization of Metal and Metal Oxide Nanoclusters into Arbitrary Patterns on DNA Origami	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	2019,141:17968	SCI 收录	是	Li Na, Shang Yingxu, Xu Rui, Jiang Qiao, Liu Jianbing, Wang Ling, Cheng Zhihai, Ding Baoquan	丁宝全	独立完成
71	Cable-Shaped Lithium-Sulfur Batteries Based on Nitrogen-Doped Carbon/Carbon Nanotube Composite Yarns	MACROMOLECULAR MATERIALS AND ENGINEERING	2019,304:19002 01	SCI 收录	否	Yuan Hongxin, Zhang Miao, Yang Chen, Liu Lixuan, Lu Ruichao, Mao Lijuan, Wei Zhixiang	毛立娟;魏志祥	独立完成

72	Recent Progress in Polymeric Carbonyl-Based Electrode Materials for Lithium and Sodium Ion Batteries	MACROMOLECULAR RAPID COMMUNICATIONS	2019,40:180056 5	SCI 收录	否	Amin Kamran, Mao Lijuan, Wei Zhixiang	魏志祥	独立完成
73	Molecular Engineering of D-pi-A Copolymers Based on 4,8-Bis(4-chlorothiophen-2-yl)benzo[1,2-b:4,5-b']dithiophene (BDT-T-Cl) for High-Performance Fullerene-Free Organic Solar Cells	MACROMOLECULES	2019,52:6227	SCI 收录	否	Tang Ailing, Zhang Qianqian, Du Mengzhen, Li Gongqiang, Geng Yanfang, Zhang Jianqi, Wei Zhixiang, Sun Xiangnan, Zhou Erjun	耿彦芳;周二军	独立完成
74	Synthesis and thermodynamic investigation of MnO nanoparticle anchored N-doped porous carbon as the anode for Li-ion and Na-ion batteries	MATERIALS CHEMISTRY FRONTIERS	2019,3:2728	其它	是	Sun Ya-Nan, Yang Liangtao, Sui Zhu-Yin, Zhao Li, Goktas Mustafa, Zhou Hang-Yu, Xiao Pei-Wen, Adelhelm Philipp, Han Bao-Hang	赵丽;韩宝航	独立完成
75	Robust production of 2D quantum sheets from bulk layered materials	MATERIALS HORIZONS	2019,6:1416	SCI 收录	是	Xu Yuanqing, Chen Shulin, Dou Zhipeng, Ma Yanhong, Mi Yang, Du Wenna, Liu Yin, Zhang Jianqi, Chang Jinquan, Liang Cheng, Zhou Jin, Guo Hongbo, Gao Peng, Liu Xinfeng, Che Yanke, Zhang Yong	张勇	独立完成



76	Sp(2)-carbon dominant carbonaceous materials for energy conversion and storage	MATERIALS SCIENCE & ENGINEERING R-REPORTS	2019,137:1	SCI 收录	是	Kong Debin, Xiao Zhichang, Gao Yang, Zhang Xinghao, Guo Ruiying, Huang Xiaoxiong, Li Xianglong, Zhi Linjie	李祥龙;智林杰	独立完成
77	First-principles calculations of wurtzite ZnS <sub>1-x</sub> Se <sub>x</sub> solid solutions for photocatalysis	MATERIALS TODAY COMMUNICATIONS	2019,21:100672	SCI 收录	否	Hussain Sajjad, Guo Lingju, Louis Hitler, Zhu Shuang, He Tao	Guo LJ;贺涛	独立完成
78	3D pomegranate-like structures of porous carbon microspheres self-assembled by hollow thin-walled highly-graphitized nanoballs as sulfur immobilizers for Li-S batteries	NANO ENERGY	2019,63:	SCI 收录	是	Liu Shengnan, Zhao Tingqiao, Tan Xinghua, Guo Limin, Wu Jianxin, Kang Xiaohong, Wang Hanfu, Sun Lianfeng, Chu Weiguo	王汉夫;孙连峰;褚卫国	独立完成
79	Interaction-Dependent Interfacial Charge-Transfer Behavior in Solar Water-Splitting Systems	NANO LETTERS	2019,19:1234	SCI 收录	是	Xie Guancai, Guan Liming, Zhang Linjuan, Guo Beidou, Batool Aisha, Xin Qi, Boddula Rajender, Jan Saad Ullah, Gong Jian Ru	官建茹	独立完成
80	Metal-organic frameworks as emerging platform for supporting isolated single-site catalysts	NANO TODAY	2019,27:178	SCI 收录	是	Zhao Wenshi, Li Guodong, Tang Zhiyong	李国栋;唐智勇	独立完成

81	A hierarchical layering design for stable, self-restrained and high volumetric binder-free lithium storage	NANOSCALE	2019,11:21728	SCI 收录	是	Zhang Xinghao, Wang Denghui, Zhang Siyuan, Li Xianglong, Zhi Linjie	李祥龙;智林杰	独立完成
82	A unipolar nonvolatile resistive switching behavior in a layered transition metal oxide	NANOSCALE	2019,11:20497	SCI 收录	是	Wang Junjun, Wang Feng, Yin Lei, Sendeku Marshet Getaye, Zhang Yu, Cheng Ruiqing, Wang Zhenxing, Li Ningning, Huang Wenhao, He Jun	何军	独立完成
83	Buckled AgNW/MXene hybrid hierarchical sponges for high-performance electromagnetic interference shielding	NANOSCALE	2019,11:22804	SCI 收录	是	Weng Chuanxin, Wang Guorui, Dai Zhaohe, Pei Yongmao, Liu Luqi, Zhang Zhong	刘璐琪;张忠	独立完成
84	Carbon nanotube bridges fabricated by laser comb	NANOSCALE	2019,11:9851	SCI 收录	是	Wang Lei, Chi Xiannian, Sun Lianfeng, Liu Qian	孙连峰;刘前	独立完成
85	MOF-derived nitrogen-doped nanoporous carbon for electroreduction of CO <sub>2</sub> to CO: the calcining temperature effect and the mechanism	NANOSCALE	2019,11:4911	SCI 收录	是	Zheng Yonglong, Cheng Ping, Xu Jiansheng, Han Jianyu, Wang Dawei, Hao Changlong, Alanagh Hamideh Rezvani, Long Chang, Shi Xinghua, Tang Zhiyong	Shi XH	独立完成

86	Robust trap effect in transition metal dichalcogenides for advanced multifunctional devices	NATURE COMMUNICATIONS	2019,10:4133	SCI 收录	是	Yin Lei, He Peng, Cheng Ruiqing, Wang Feng, Wang Fengmei, Wang Zhenxing, Wen Yao, He Jun	何军	独立完成
87	Low-epsilon titanium oxide antenna infrared photodetector	OPTICS EXPRESS	2019,27:5280	SCI 收录	否	Hu Haifeng, Lu Shan, Jin Meihua, Wang Kai, He Tao	金梅花;贺涛	独立完成
88	Side-chain effect in ethenylene fused thiophene-vinylene-thiophene (ETVT) based photovoltaic polymers	POLYMER	2019,167:31	SCI 收录	否	Wang Xiaochen, Tang Ailing, Chen Fan, Zhou Erjun	周二军	独立完成
89	Amplitude response of conical multiwalled carbon nanotube probes for atomic force microscopy	RSC ADVANCES	2019,9:429	SCI 收录	否	Hu Xiao, Wei Hang, Deng Ya, Chi Xiannian, Liu Jia, Yue Junyi, Peng Zhisheng, Cai Jinzhong, Jiang Peng, Sun Lianfeng	江鹏;孙连峰	独立完成
90	Newly developed two-dimensional materials for efficient photocatalytic hydrogen evolution	SCIENCE BULLETIN	2019,64:958	SCI 收录	是	Zhan Xueying, Wang Fengmei, Cheng Zhongzhou, Wang Zhenxing, He Jun	何军	独立完成
91	Van der Waals integration of 2D atomic crystals for advanced multifunctional devices	SCIENCE BULLETIN	2019,64:1033	SCI 收录	是	Cheng Ruiqing, Yin Lei, Wang Feng, Wang Zhenxing, He Jun	何军	独立完成

92	Fluorination-substitution effect on all-small-molecule organic solar cells	SCIENCE CHINA-CHEMISTRY	2019,62:837	SCI 收录	是	Wu Qiong, Deng Dan, Zhang Jianqi, Zou Wenjun, Yang Yang, Wang Zhen, Li Huan, Zhou Ruimin, Lu Kun, Wei Zhixiang	邓丹;邹文君;魏志祥	独立完成
93	A low-temperature solution-processed copper antimony iodide rudorffite for solar cells	SCIENCE CHINA-MATERIALS	2019,62:54	SCI 收录	是	Jia Xue, Ding Liming	丁黎明	独立完成
94	Band Structure Engineering of Schiff-Base Microporous Organic Polymers for Enhanced Visible-Light Photocatalytic Performance	SMALL	2019,15:190024 4	SCI 收录	是	Xiao Zhichang, Huang Xiaoxiong, Zhao Kun, Song Qi, Guo Ruiying, Zhang Xinghao, Zhou Shanke, Kong Debin, Wagner Manfred, Muellen Klaus, Zhi Linjie	孔德斌;智林杰	独立完成
95	Graphene-Based Transparent Conductive Films: Material Systems, Preparation and Applications	SMALL METHODS	2019,3:1800199	其它	否	Ma Yingjie, Zhi Linjie	智林杰	独立完成
96	A Sequential Slot-Die Coated Ternary System Enables Efficient Flexible Organic Solar Cells	SOLAR RRL	2019,3:1800333	其它	是	Zhao Yifan, Wang Guodong, Wang Yuheng, Xiao Tong, Adil Muhammad Abdullah, Lu Guanghao, Zhang Jianqi, Wei Zhixiang	张建齐;Wei Z	独立完成

97	Controlling the Cyano-Containing A(2) Segments in A(2)-A(1)-D-A(1)-A(2) Type Non-Fullerene Acceptors to Combine with a Benzotriazole-Based p-Type Polymer: "Same-Acceptor-Strategy" for High V-OC Organic Solar Cells	SOLAR RRL	2019,3:1800332	其它	是	Xiao Bo, Geng Yanfang, Tang Ailing, Wang Xiaochen, Chen You, Zeng Qingdao, Zhou Erjun	周二军	独立完成
98	Computational study on the interactions between CO <sub>2</sub> and (TiO <sub>2</sub> ) <sub>n</sub> clusters at specific sites	CHINESE JOURNAL OF CHEMICAL PHYSICS	2019,32:674	SCI 收录	否	Hitler Louis, Lingju Guo, Shuang Zhu, Sajjad Hussain, Tao He	Guo LJ;贺涛	独立完成
99	A Generalized Methodology of Designing 3D SERS Probes with Superior Detection Limit and Uniformity by Maximizing Multiple Coupling Effects	ADVANCED SCIENCE	2019,6:177	SCI 收录	是	Tian Yi; Wang Hanfu ; Yan Lanqin; Zhang Xianfeng; Attia Falak; Guo Yanjun; Chen Peipei; Dong Fengliang; Sun Lianfeng; Chu Weiguo	孙连峰; 褚卫国	独立完成
100	Optically active quantum dots with induced circularly polarized luminescence in amphiphilic peptide dendron hydrogel	NANOSCALE ADVANCE	2019,1:804	其它	否	Chengxi Li, Xue Jin, Tonghan Zhao, Jin Zhou, Pengfei Duan	段鹏飞	独立完成

101	Measurement Young's Modulus of 2D Materials through in situ through-hole bubble test	Journal of Experimental Mechanics (In Chinese)	2019,34(5):675	其它	否	Yuantong Li, Guorui Wang, Zhaohe Dai, Yuan Hou, Hong Miao, Luqi Liu*, Zhong Zhang*	刘璐琪;张忠	独立完成
102	Can insulating graphene oxide contribute the enhanced conductivity and durability of silver nanowire coating	Nano Research	2019,12(7):1571	SCI 收录	是	Feng Duan, Weiwei Li, Guorui Wang, Chuanxin Weng, Hao Jin, Hui Zhang*, Zhong Zhang*	张晖;张忠	独立完成
103	Perseverance of direct bandgap in multilayer 2D PbI2 under an experimental strain up to 7.69%	2D MATERIALS	2019,6:25014	SCI 收录	是	Du Lena, Wang Cong, Xiong Wenqi, Zhang Shuai, Xia Congxin, Wei Zhongming, Li Jingbo, Tongay Sefaattin, Yang Fengyou, Zhang Xinzhen, Liu Xinfeng, Liu Qian	Zhang XZ	第一完成人(非独立完成)
104	Exploring a Fused 2-(Thiophen-2-yl)thieno[3,2-b]thiophene (T-TT) Building Block to Construct n-Type Polymer for High-Performance All-Polymer Solar Cells	ACS APPLIED MATERIALS & INTERFACES	2019,11:42412	SCI 收录	是	An Ning, Ran Huijuan, Geng Yanfang, Zeng Qingdao, Hu Jianyong, Yang Jing, Sun Yanming, Wang Xiaochen, Zhou Erjun	周二军;Hu JY;Sun YM	第一完成人(非独立完成)

105	Nanowire Array-Coated Flexible Substrate to Accommodate Lithium Plating for Stable Lithium-Metal Anodes and Flexible Lithium-Organic Batteries	ACS APPLIED MATERIALS & INTERFACES	2019,11:20873	SCI 收录	是	Zhang Miao, Lu Ruichao, Yuan Hongxin, Amin Kamran, Mao Lijuan, Yan Wei, Wei Zhixiang	毛立娟;魏志祥;Yan W	第一完成人(非独立完成)
106	Rhenium-Metalated Polypyridine-Based Porous Polycarbazoles for Visible-Light CO2 Photoreduction	ACS CATALYSIS	2019,9:3959	SCI 收录	是	Liang Hai-Peng, Acharjya Amitava, Anito Dejene Assefa, Vogl Sarah, Wang Tian-Xiong, Thomas Arne, Han Bao-Hang	韩宝航;Thomas A	第一完成人(非独立完成)
107	Information Encoding with Optical Dielectric Metasurface via Independent Multichannels	ACS PHOTONICS	2019,6:230	SCI 收录	是	Dong Fengliang, Feng Hans, Xu Lihua, Wang Bo, Song Zhiwei, Zhang Xianfen, Yan Lanqin, Li Xiaojun, Tian Yi, Wang Wentao, Sun Lianfeng, Li Yan, Chu Weiguo	孙连峰;褚卫国;Li Y	第一完成人(非独立完成)
108	A Brief Review on Measuring Methods of Thermal Conductivity of Organic and Hybrid Thermoelectric Materials	ADVANCED ELECTRONIC MATERIALS	2019,5:1900167	SCI 收录	否	Wang Hanfu, Chu Weiguo, Chen Guangming	王汉夫;褚卫国;Chen GM	第一完成人(非独立完成)
109	Controlling the Selectivity of Conjugated Microporous Polymer Membrane for Efficient Organic Solvent Nanofiltration	ADVANCED FUNCTIONAL MATERIALS	2019,29:1900134	SCI 收录	是	He Xiao, Sin Haksong, Liang Bin, Ghazi Zahid Ali, Khattak Abdul Muqsit, Khan Niaz Ali, Alanagh Hamideh Rezvani, Li Lianshan, Lu Xiaoquan, Tang Zhiyong	李连山;唐智勇;Lu XQ	第一完成人(非独立完成)

110	Growth and Raman Scattering Investigation of a New 2D MOX Material: YbOCl	ADVANCED FUNCTIONAL MATERIALS	2019,29:190301 7	SCI 收录	是	Yao Yuyu, Zhang Yu, Xiong Wenqi, Wang Zhenxing, Sendeku Marshet Getaye, Li Ningning, Wang Junjun, Huang Wenhao, Wang Feng, Zhan Xueying, Yuan Shengjun, Jiang Chao, Xia Congxin, He Jun	王振兴;何军;Xia CX	第一完成人(非独立完成)
111	Multibit Optoelectronic Memory in Top-Floating-Gated van der Waals Heterostructures	ADVANCED FUNCTIONAL MATERIALS	2019,29:190289 0	SCI 收录	是	Huang Wenhao, Yin Lei, Wang Feng, Cheng Ruiqing, Wang Zhenxing, Sendeku Marshet Getaye, Wang Junjun, Li Ningning, Yao Yuyu, Yang Xiaoguang, Shan Chongxin, Yang Tao, He Jun	何军;Yang T;Shan CX	第一完成人(非独立完成)
112	Anti-Ambipolar Transport with Large Electrical Modulation in 2D Heterostructured Devices	ADVANCED MATERIALS	2019,31:190114 4	SCI 收录	是	Cheng Ruiqing, Yin Lei, Wang Feng, Wang Zhenxing, Wang Junjun, Wen Yao, Huang Wenhao, Sendeku Marshet Getaye, Feng Liping, Liu Yufang, He Jun	何军;Feng LP;Liu YF	第一完成人(非独立完成)
113	Carbon-Oxygen-Bridged Ladder-Type Building Blocks for Highly Efficient Nonfullerene Acceptors	ADVANCED MATERIALS	2019,31:180479 0	SCI 收录	是	Xiao Zuo, Yang Shangfeng, Yang Zhou, Yang Junliang, Yip Hin-Lap, Zhang Fujun, He Feng, Wang Tao, Wang Jizheng, Yuan Yongbo, Yang Huai, Wang Mingkui, Ding Liming	丁黎明;Yuan YB;Yang H;Wang MK	第一完成人(非独立完成)
114	Charged Metal Nanoparticles for Chemoelectronic Circuits	ADVANCED MATERIALS	2019,31:180486 4	SCI 收录	是	Zhao Xing, Guo Jiahui, Xiao Tao, Zhang Yuchun, Yan Yong, Grzybowski Bartosz A.	鄢勇;Grzybowski BA	第一完成人(非独立完成)



115	Hollow Metal-Organic-Framework Micro/Nanostructures and their Derivatives: Emerging Multifunctional Materials	ADVANCED MATERIALS	2019,31:180329 1	SCI 收录	是	Liu Di, Wan Jiawei, Pang Guangsheng, Tang Zhiyong	唐智勇;Pang GS	第一完成人(非独立完成)
116	Regulating Bulk-Heterojunction Molecular Orientations through Surface Free Energy Control of Hole-Transporting Layers for High-Performance Organic Solar Cells	ADVANCED MATERIALS	2019,31:180692 1	SCI 收录	是	Wang Jianqiu, Zheng Zhong, Zhang Dongyang, Zhang Jianqi, Zhou Jiyu, Liu Jingchong, Xie Shenkun, Zhao Yong, Zhang Yuan, Wei Zhixiang, Hou Jianhui, Tang Zhiyong, Zhou Huiqiong	Zheng Z;周惠琼;Zhang Y	第一完成人(非独立完成)
117	Research Activities in Advanced Materials at National Center for Nanoscience and Technology of China	ADVANCED MATERIALS	2019,31:190132 7	SCI 收录	是	Tang Zhiyong, Liu Minghua, Zhao Yuliang	唐智勇;Zhao YL;Liu MH	第一完成人(非独立完成)
118	A N, P Dual-Doped Carbon with High Porosity as an Advanced Metal-Free Oxygen Reduction Catalyst	ADVANCED MATERIALS INTERFACES	2019,6:1900592	SCI 收录	否	Sun Ya-Nan, Zhang Ming-Li, Zhao Li, Sui Zhu-Yin, Sun Zhen-Yu, Han Bao-Hang	韩宝航;Sun ZY	第一完成人(非独立完成)

119	A Bifunctional and Free-Standing Organic Composite Film with High Flexibility and Good Tensile Strength for Tribological and Electrochemical Applications	ADVANCED MATERIALS TECHNOLOGIES	2019,4:1900617	SCI 收录	否	Ahmad Aziz, Imani Abolhassan, Mao Lijuan, Iqbal Rashid, Zhang Hui, Ghazi Zahid Ali, Ahmad Rashid, Khan Adnan Ali, Xie Lijing, Chen Cheng-Meng, Zhang Zhong, Wei Zhixiang	张忠;魏志祥;Chen CM	第一完成人(非独立完成)
120	Controlling Injection Barriers for Ambipolar 2D Semiconductors via Quasi-van der Waals Contacts	ADVANCED SCIENCE	2019,6:1801841	SCI 收录	是	Wang Junjun, Wang Feng, Wang Zhenxing, Cheng Ruiqing, Yin Lei, Wen Yao, Zhang Yu, Li Ningning, Zhan Xueying, Xiao Xiangheng, Feng Liping, He Jun	何军;Xiao XH;Feng LP	第一完成人(非独立完成)
121	Strongly coupled van der Waals heterostructures for high-performance infrared phototransistor	APPLIED PHYSICS LETTERS	2019,114:10350 1	SCI 收录	否	Li Ningning, Wen Yao, Cheng Ruiqing, Yin Lei, Wang Feng, Li Jie, Shifa Tofik Ahmed, Feng Liping, Wang Zhenxing, He Jun	王振兴;何军;Feng LP	第一完成人(非独立完成)
122	Ionothermal strategy towards template-free hierarchical porous carbons for supercapacitive energy storage	CARBON	2019,143:487	SCI 收录	是	Liang Jiaxu, Xiao Zhichang, Gao Yang, Xu Xiaohui, Kong Debin, Wagner Manfred, Zhi Linjie	孔德斌;智林杰	第一完成人(非独立完成)

123	Benzotriazole-Based Acceptor and Donors, Coupled with Chlorination, Achieve a High V-OC of 1.24 V and an Efficiency of 10.5% in Fullerene-Free Organic Solar Cells	CHEMISTRY OF MATERIALS	2019,31:3941	SCI 收录	是	Tang Ailing, Song Wei, Xiao Bo, Guo Jing, Min Jie, Ge Ziyi, Zhang Jianqi, Wei Zhixiang, Zhou Erjun	周二军;Ge ZY;Min J	第一完成人(非独立完成)
124	Carbon fiber reinforced shape memory epoxy composites with superior mechanical performances	COMPOSITES SCIENCE AND TECHNOLOGY	2019,177:49	SCI 收录	是	Liu Yayun, Guo Yufeng, Zhao Jun, Chen Xiaodong, Zhang Hui, Hu Guoqing, Yu Xiang, Zhang Zhong	赵军;张忠;Yu X	第一完成人(非独立完成)
125	Graphene-based nanocomposite strain sensor response to ultrasonic guided waves	COMPOSITES SCIENCE AND TECHNOLOGY	2019,174:42	SCI 收录	是	Duan Feng, Liao Yaozhong, Zeng Zhihui, Jin Hao, Zhou Limin, Zhang Zhong, Su Zhongqing	金灏;张忠;Su ZQ	第一完成人(非独立完成)
126	Origin of Performance Differences of Nickel-Rich LiNi <sub>0.9</sub> Mn <sub>0.1</sub> O <sub>2</sub> Cathode Materials Synthesized in Oxygen and Air	ENERGY TECHNOLOGY	2019,7:1800752	SCI 收录	否	Zhang Jiangtao, Tan Xinghua, Guo Limin, Jiang Yi, Liu Shengnan, Wang Hanfu, Kang Xiaohong, Chu Weiguo	王汉夫;褚卫国;Kang XH	第一完成人(非独立完成)

127	Exquisite modulation of ZnO nanoparticle electron transporting layer for high-performance fullerene-free organic solar cell with inverted structure	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:3570	SCI 收录	是	Zheng Zhong, Zhang Shaoqing, Wang Jianqiu, Zhang Jianqi, Zhang Dongyang, Zhang Yuan, Wei Zhixiang, Tang Zhiyong, Hou Jianhui, Zhou Huiqiong	Zheng Z;周惠琼;Hou JH;Zhang Y	第一完成人(非独立完成)
128	Halogen bonding reduces intrinsic traps and enhances charge mobilities in halide perovskite solar cells	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:6840	SCI 收录	是	Bi Shiqing, Wang Hui, Zhou Jiyu, You Shuai, Zhang Yuan, Shi Xinghua, Tang Zhiyong, Zhou Huiqiong	周惠琼;Zhang Y	第一完成人(非独立完成)
129	Core-shell noble-metal@zeolitic-imidazolate-framework nanocarriers with high cancer treatment efficiency in vitro	JOURNAL OF MATERIALS CHEMISTRY B	2019,7:1050	SCI 收录	否	He Liangcan, Pang Kanglei, Liu Wenwen, Tian Yue, Chang Lin, Liu Xu, Zhao Meiting, Liu Yong, Li Yantao, Jiang Xingyu, Song Rui, Liu Yaling	刘雅玲;Song R	第一完成人(非独立完成)
130	2D perovskite microsheets for high-performance photodetectors	JOURNAL OF MATERIALS CHEMISTRY C	2019,7:5353	SCI 收录	是	Qian Liu, Sun Yilin, Sun Mengxing, Fang Zhimin, Li Lin, Xie Dan, Li Chun, Ding Liming	丁黎明;Li C;Xie D	第一完成人(非独立完成)
131	Achieving Small Exciton Binding Energies in Small Molecule Acceptors for Organic Solar Cells: Effect of Molecular Packing	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	2019,10:4888	SCI 收录	是	Zhu Lingyun, Tu Zeyi, Yi Yuanping, Wei Zhixiang	魏志祥;Yi YP	第一完成人(非独立完成)

132	Circularly Polarized Luminescence of Achiral Cyanine Molecules Assembled on DNA Templates	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	2019,141:9490	SCI 收录	是	Jiang Qiao, Xu Xuehui, Yin Ping-An, Ma Kai, Zhen Yonggang, Duan Pengfei, Peng Qian, Chen Wei-Qiang, Ding Baoquan	丁宝全;Peng Q	第一完成人(非独立完成)
133	Improved Electret Properties of Poly(Vinylidene Fluoride)/Lithium Niobate Nanocomposites for Applications in Air Filters	MACROMOLECULAR MATERIALS AND ENGINEERING	2019,304:1900003	SCI 收录	否	Yuan Yali, Zhao Jun, Dong Chenglei, Shao Yiqin, Liu Yaoyi, Li Jinzhen, Zhong Chen, Ye Lin, Song Rui, Zhang Hui, Zhang Zhong	赵军;张忠;Song R	第一完成人(非独立完成)
134	Modulation of Three p-Type Polymers Containing a Fluorinated-Thiophene-Fused-Benzotriazole Unit To Pair with a Benzotriazole-Based Non-fullerene Acceptor for High Voc Organic Solar Cells	MACROMOLECULES	2019,52:8625	SCI 收录	否	Chen You, Jiang Xiu, Chen Xingguo, Zhou Jialing, Tang Ailing, Geng Yanfang, Guo Qang, Zhou Erjun	周二军;Chen XG	第一完成人(非独立完成)
135	CsPbI <sub>2.69</sub> Br <sub>0.31</sub> solar cells from low-temperature fabrication	MATERIALS CHEMISTRY FRONTIERS	2019,3:1139	其它	是	Wang Shizhe, Hua Yong, Wang Mingkui, Liu Fangyang, Ding Liming	丁黎明;Hua Y;Wang MK;Liu FY	第一完成人(非独立完成)
136	Determination of the thermopower of microscale samples with an AC method	MEASUREMENT	2019,131:204	SCI 收录	否	Wang Hanfu, Yang Fanglong, Guo Yanjun, Peng Kaiwu, Wang Dongwei, Chu Weiguo, Zheng Shuqi	王汉夫;褚卫国;Zheng SQ	第一完成人(非独立完成)

137	New insight to the role of edges and heteroatoms in nanocarbons for oxygen reduction reaction	NANO ENERGY	2019,66:104096	SCI 收录	是	Yang Qi, Xiao Zhichang, Kong Debin, Zhang Taolin, Duan Xiaoguang, Zhou Shanke, Niu Yue, Shen Yudi, Sun Hongqi, Wang Shaobin, Zhi Linjie	智林杰;Wang SB	第一完成人(非独立完成)
138	Sub-millimeter-Scale Growth of One-Unit-Cell-Thick Ferrimagnetic Cr <sub>2</sub> S <sub>3</sub> Nanosheets	NANO LETTERS	2019,19:2154	SCI 收录	是	Chu Junwei, Zhang Yu, Wen Yao, Qiao Ruixi, Wu Chunchun, He Peng, Yin Lei, Cheng Ruiqing, Wang Feng, Wang Zhenxing, Xiong Jie, Li Yanrong, He Jun	何军;Xiong J	第一完成人(非独立完成)
139	Hierarchically heterostructured metal hydr(oxy)oxides for efficient overall water splitting	NANOSCALE	2019,11:11736	SCI 收录	是	Liu Yang, Wang Fengmei, Shifa Tofik Ahmed, Li Jie, Tai Jing, Zhang Yu, Chu Junwei, Zhan Xueying, Shan Chongxin, He Jun	何军;Shan CX	第一完成人(非独立完成)
140	All-small-molecule organic solar cells with over 14% efficiency by optimizing hierarchical morphologies	NATURE COMMUNICATIONS	2019,10:5393	SCI 收录	是	Zhou Ruimin, Jiang Zhaoyan, Yang Chen, Yu Jianwei, Feng Jirui, Adil Muhammad Abdullah, Deng Dan, Zou Wenjun, Zhang Jianqi, Lu Kun, Ma Wei, Gao Feng, Wei Zhixiang	吕琨;魏志祥;高峰;Ma W	第一完成人(非独立完成)
141	Bending of Multilayer van der Waals Materials	PHYSICAL REVIEW LETTERS	2019,123:11610 1	SCI 收录	是	Wang Guorui, Dai Zhaohe, Xiao Junkai, Feng ShiZhe, Weng Chuanxin, Liu Luqi, Xu Zhiping, Huang Rui, Zhang Zhong	刘璐琪;张忠;Huang R;Xu ZP	第一完成人(非独立完成)

142	A ternary SnS <sub>1.26</sub> Se <sub>0.76</sub> alloy for flexible broadband photodetectors	RSC ADVANCES	2019,9:14352	SCI 收录	否	Du Lena, Wang Cong, Fang Jingzhi, Wei Bin, Xiong Wenqi, Wang Xiaoting, Ma Lijun, Wang Xiaofeng, Wei Zhongming, Xia Congxin, Li Jingbo, Wang Zhongchang, Zhang Xinzheng, Liu Qian	刘前;Zhang XZ;Li JB;Wang ZC	第一完成人(非独立完成)
143	CsPb(IxBr <sub>1-x</sub> ) <sub>3</sub> solar cells	SCIENCE BULLETIN	2019,64:1532	SCI 收录	是	Jia Xue, Zuo Chuantian, Tao Shuxia, Sun Kuan, Zhao Yixin, Yang Shangfeng, Cheng Ming, Wang Mingkui, Yuan Yongbo, Yang Junliang, Gao Feng, Xing Guichuan, Wei Zhanhua, Zhang Lijun, Yip Hin-Lap, Liu Mingzhen, Shen Qing, Yin Longwei, Han Liyuan, Liu Shengzhong, Wang Lianzhou, Luo Jingshan, Tan Hairen, Jin Zhiwen, Ding Liming	丁黎明;Luo JS;Tan HR;Jin ZW	第一完成人(非独立完成)
144	Induced J-aggregation in acceptor alloy enhances photocurrent	SCIENCE BULLETIN	2019,64:1083	SCI 收录	是	Liu Ling, Liu Qishi, Xiao Zuo, Yang Shangfeng, Yuan Yongbo, Ding Liming	肖作;丁黎明;Yang SF;Yuan YB	第一完成人(非独立完成)
145	Interface engineering gifts CsPbI <sub>2.25</sub> Br <sub>0.75</sub> solar cells high performance	SCIENCE BULLETIN	2019,64:1743	SCI 收录	是	Fang Zhimin, Meng Xianyi, Zuo Chuantian, Li Dan, Xiao Zuo, Yi Chenyi, Wang Mingkui, Jin Zhiwen, Yang Shangfeng, Ding Liming	丁黎明;Yang SF;Wang MK;Jin ZW	第一完成人(非独立完成)

146	Thiolactone copolymer donor gifts organic solar cells a 16.72% efficiency	SCIENCE BULLETIN	2019,64:1573	SCI 收录	是	Xiong Ji, Jin Ke, Jiang Yufan, Qin Jianqiang, Wang Tan, Liu Jinfeng, Liu Qishi, Peng Haili, Li Xiongfeng, Sun Anxin, Meng Xianyi, Zhang Lixiu, Liu Ling, Li Wenting, Fang Zhimin, Jia Xue, Xiao Zuo, Feng Yaqing, Zhang Xiaotao, Sun Kuan,	肖作;丁黎明;Feng YQ;Zhang XT	第一完成人(非独立完成)
147	The effect of alkyl chain branching positions on the electron mobility and photovoltaic performance of naphthodithiophene diimide (NDTI)-based polymers	SCIENCE CHINA-CHEMISTRY	2019,62:1649	SCI 收录	是	Yang Jing, An Ning, Sun Su, Sun Xiangnan, Nakano Masahiro, Takimiya Kazuo, Xiao Bo, Zhou Erjun	孙向南;周二军;Takimiya K	第一完成人(非独立完成)
148	A 3D-Structured Sustainable Solar-Driven Steam Generator Using Super-Black Nylon Flocking Materials	SMALL	2019,15:1902070	SCI 收录	是	Tu Ce, Cai Wenfu, Chen Xue, Ouyang Xiaiong, Zhang Hui, Zhang Zhong	Zhang H;张忠;Chen X	第一完成人(非独立完成)
149	Understanding Carrier Transport in Organic Semiconductors: Computation of Charge Mobility Considering Quantum Nuclear Tunneling and Delocalization Effects	Journal of Chemical Theory and Computation	2019,15:1477	SCI 收录	否	Jiang, Y.; Geng, H.; Li, W.; Shuai, Z.*	Shuai ZG	第一完成人(非独立完成)



150	Glycyrrhizic acid based self-assembled helical nanostructures as scaffolds for asymmetric Diels-Alder reaction	Chinese Chemical Letters	2019,30:966	SCI 收录	否	Yimeng Sun, Yan Meng, Jian Jiang*, Hui Sun, Tiesheng Li,*	江建;Li TS	第一完成人(非独立完成)
151	Efficient and Long-Lasting Current Rectification by Laminated Yet Separated, Oppositely Charged Monolayers	ACS Applied Electronic Materials	2019,1:2295	其它	否	Li Mengyao, Tu Bin, Cui Bin, Zhao Xing, Yang Liu, Fang Qiaojun, Yan Yong, Grzybowski Bartosz A.	鄢勇;Grzybowski BA	第一完成人(非独立完成)
152	Electrode Design from "Internal" to "External" for High Stability Silicon Anodes in Lithium-Ion Batteries	ACS APPLIED MATERIALS & INTERFACES	2019,11:14142	SCI 收录	是	Qi Shaowei, Zhang Xinghao, Lv Wei, Zhang Yunbo, Kong Debin, Huang Zhijia, Yang Quan-Hong	Lv W;Yang QH;孔德斌	非第一完成人(非独立完成)
153	Highly Crystalline Near-Infrared Acceptor Enabling Simultaneous Efficiency and Photostability Boosting in High-Performance Ternary Organic Solar Cells	ACS APPLIED MATERIALS & INTERFACES	2019,11:48095	SCI 收录	是	Yin Hang, Zhang Chujun, Hu Hanlin, Karuthedath Safakath, Gao Yajun, Tang Hua, Yan Cenqi, Cui Li, Fong Patrick W. K., Zhang Zhuoqiong, Gao Yaxin, Yang Junliang, Xiao Zuo, Ding Liming, Laquai Frederic, So Shu Kong, Li Gang	Li G;Laquai F;So SK	非第一完成人(非独立完成)

154	Improved Efficiency in All-Small-Molecule Organic Solar Cells with Ternary Blend of Nonfullerene Acceptor and Chlorinated and Nonchlorinated Donors	ACS APPLIED MATERIALS & INTERFACES	2019,11:44528	SCI 收录	是	Ge Jinfeng, Wei Qiang, Peng Ruixiang, Zhou Erjun, Yan Tingting, Song Wei, Zhang Wenxia, Zhang Xiaoa, Jiang Shengling, Ge Ziyi	Zhang XA;Jiang SL;Ge ZY;周二军	非第一完成人(非独立完成)
155	Mixed Nanosheet Membranes Assembled from Chemically Grafted Graphene Oxide and Covalent Organic Frameworks for Ultra-high Water Flux	ACS APPLIED MATERIALS & INTERFACES	2019,11:28978	SCI 收录	是	Khan Niaz Ali, Yuan Jinqiu, Wu Hong, Cao Li, Zhang Runnan, Liu Yanan, Li Lianshan, Rahman Ata Ur, Kasher Roni, Jiang Zhongyi	Wu H;Jiang ZY	非第一完成人(非独立完成)
156	Tunable Upconverted Circularly Polarized Luminescence in Cellulose Nanocrystal Based Chiral Photonic Films	ACS APPLIED MATERIALS & INTERFACES	2019,11:23512	SCI 收录	是	Li Wei, Xu Mingcong, Ma Chunhui, Liu Yushan, Zhou Jin, Chen Zhijun, Wang Yonggui, Yu Haipeng, Li Jian, Liu Shouxin	Li W;Liu SX	非第一完成人(非独立完成)
157	Zero-Dimensional-g-CNQD-Coordinated Two-Dimensional Porphyrin MOF Hybrids for Boosting Photocatalytic CO2 Reduction	ACS APPLIED MATERIALS & INTERFACES	2019,11:42243	SCI 收录	是	Zheng Cheng, Qin Xueying, Han Jianyu, Wu Yafeng, Lin Songqin	Wu YF;韩剑宇	非第一完成人(非独立完成)

158	Elevated Stability and Efficiency of Solar Cells via Ordered Alloy Co-Acceptors	ACS ENERGY LETTERS	2019,4:1106	SCI 收录	是	Zhao Qiaoqiao, Xiao Zuo, Qu Jianfei, Liu Longzhu, Richter Henning, Chen Wei, Han Liang, Wang Meijing, Zheng Jieming, Xie Zengqi, Ding Liming, He Feng	He F;丁黎明	非第一完成人(非独立完成)
159	Facile-Effective Hole-Transporting Materials Based on Dibenzof[a,c]carbazole: The Key Role of Linkage Position to Photovoltaic Performance of Perovskite Solar Cells	ACS ENERGY LETTERS	2019,4:2514	SCI 收录	是	Liu Fan, Wu Fei, Ling Weidong, Tu Zongxiao, Zhang Jianqi, Wei Zhixiang, Zhu Linna, Li Qianqian, Li Zhen	Li QQ;李舟;Zhu LN	非第一完成人(非独立完成)
160	Carbon Nanotube Complementary Gigahertz Integrated Circuits and Their Applications on Wireless Sensor Interface Systems	ACS NANO	2019,13:2526	SCI 收录	是	Liu Lijun, Ding Li, Zhong Donglai, Han Jie, Wang Shuo, Meng Qinghai, Qiu Chenguang, Zhang Xingye, Peng Lian-Mao, Zhang Zhiyong	Zhang ZY	非第一完成人(非独立完成)
161	Gapless van der Waals Heterostructures for Infrared Optoelectronic Devices	ACS NANO	2019,13:14519	SCI 收录	是	Wen Yao, He Peng, Wang Qisheng, Yao Yuyu, Zhang Yu, Hussain Sabir, Wang Zhenxing, Cheng Ruiqing, Yin Lei, Sendeku Marshet Getaye, Wang Feng, Jiang Chao, He Jun	何军	非第一完成人(非独立完成)

162	Transfer-Medium-Free Nanofiber-Reinforced Graphene Film and Applications in Wearable Transparent Pressure Sensors	ACS NANO	2019,13:5541	SCI 收录	是	Ren Huaying, Zheng Liming, Wang Guorui, Gao Xin, Tan Zhenjun, Shan Jingyuan, Cui Lingzhi, Li Ke, Jian Muqiang, Zhu Liangchao, Zhang Yingying, Peng Hailin, Wei Di, Liu Zhongfan	Peng HL;Wei D;刘忠范	非第一完成人(非独立完成)
163	Ultrafast-Charging Silicon-Based Coral-Like Network Anodes for Lithium-Ion Batteries with High Energy and Power Densities	ACS NANO	2019,13:2307	SCI 收录	是	Wang Bin, Ryu Jaegon, Choi Sungho, Zhang Xinghao, Pribat Didier, Li Xianglong, Zhi Linjie, Park Soojin, Ruoff Rodney S.	Ruoff RS;Park S;李祥龙;智林杰	非第一完成人(非独立完成)
164	A Wide-Band Gap Copolymer Donor for Efficient Fullerene-Free Solar Cells	ACS OMEGA	2019,4:14800	SCI 收录	否	Zhu Jingyi, Liu Qishi, Li Dan, Xiao Zuo, Chen Yu, Hua Yong, Yang Shangfeng, Ding Liming	Chen Y;丁黎明;Hua Y;Yang SF	非第一完成人(非独立完成)
165	Constructing High-Performance All-Small-Molecule Ternary Solar Cells with the Same Third Component but Different Mechanisms for Fullerene and Non-fullerene Systems	ADVANCED ENERGY MATERIALS	2019,9:1900190	SCI 收录	是	Chang Yanhong, Chang Yilin, Zhu Xiangwei, Zhou Xuehua, Yang Chen, Zhang Jianqi, Lu Kun, Sun Xiangnan, Wei Zhixiang	祝向伟;吕琨;孙向南;魏志祥	非第一完成人(非独立完成)

166	Deactivating Defects in Graphenes with Al <sub>2</sub> O <sub>3</sub> Nanoclusters to Produce Long-Life and High-Rate Sodium-Ion Batteries	ADVANCED ENERGY MATERIALS	2019,9:1803078	SCI 收录	是	Lin Qiaowei, Zhang Jun, Kong Debin, Cao Tengfei, Zhang Si-Wei, Chen Xiangrong, Tao Ying, Lv Wei, Kang Feiyu, Yang Quan-Hong	Lv W;Yang QH	非第一完成人(非独立完成)
167	High-Performance Flexible Perovskite Solar Cells via Precise Control of Electron Transport Layer	ADVANCED ENERGY MATERIALS	2019,9:1901419	SCI 收录	是	Huang Keqing, Peng Yongyi, Gao Yaxin, Shi Jiao, Li Hengyue, Mo Xindi, Huang Han, Gao Yongli, Ding Liming, Yang Junliang	Yang JL;丁黎明	非第一完成人(非独立完成)
168	Ruddlesden-Popper 2D Component to Stabilize gamma-CsPbI <sub>3</sub> Perovskite Phase for Stable and Efficient Photovoltaics	ADVANCED ENERGY MATERIALS	2019,9:1902529	SCI 收录	是	Wang Kang, Li Zhizai, Zhou Faguang, Wang Haoran, Bian Hui, Zhang Hong, Wang Qian, Jin Zhiwen, Ding Liming, Liu Shengzhong (Frank)	Liu SZ;Jin ZW;丁黎明	非第一完成人(非独立完成)
169	Self-Assembled 2D Perovskite Layers for Efficient Printable Solar Cells	ADVANCED ENERGY MATERIALS	2019,9:1803258	SCI 收录	是	Zuo Chuantian, Scully Andrew D., Yak Doojin, Tan Wenliang, Jiao Xuechen, McNeill Christopher R., Angmo Dechan, Ding Liming, Gao Mei	Gao M;丁黎明	非第一完成人(非独立完成)
170	Humidity-Tolerant Roll-to-Roll Fabrication of Perovskite Solar Cells via Polymer-Additive-Assisted Hot Slot Die Deposition	ADVANCED FUNCTIONAL MATERIALS	2019,29:1809194	SCI 收录	是	Kim Jueng-Eun, Kim Seok-Soon, Zuo Chuantian, Gao Mei, Vak Doojin, Kim Dong-Yu	Kim DY;Vak D	非第一完成人(非独立完成)

171	Photoelectric Synaptic Plasticity Realized by 2D Perovskite	ADVANCED FUNCTIONAL MATERIALS	2019,29:190253 8	SCI 收 录	是	Sun Yilin, Qian Liu, Xie Dan, Lin Yuxuan, Sun Mengxing, Li Weiwei, Ding Liming, Ren Tianling, Palacios Tomas	Xie D;丁黎明	非第一完成人(非 独立完成)
172	Sodium Storage and Electrode Dynamics of Tin-Carbon Composite Electrodes from Bulk Precursors for Sodium-Ion Batteries	ADVANCED FUNCTIONAL MATERIALS	2019,29:190079 0	SCI 收 录	是	Palaniselvam Thangavelu, Goktas Mustafa, Anothumakkool Bihag, Sun Ya-Nan, Schmuch Richard, Zhao Li, Han Bao-Hang, Winter Martin, Adelhelm Philipp	Palaniselvam T;Adelhelm P	非第一完成人(非 独立完成)
173	Synthesis of Large-Area Atomically Thin BiOI Crystals with Highly Sensitive and Controllable Photodetection	ADVANCED FUNCTIONAL MATERIALS	2019,29:190012 9	SCI 收 录	是	Zeng Wei, Li Jie, Feng Liping, Pan Haixi, Zhang Xiaodong, Sun Hanqing, Liu Zhengtang	Feng LP	非第一完成人(非 独立完成)
174	Visible to Near-Infrared Photodetection Based on Ternary Organic Heterojunctions	ADVANCED FUNCTIONAL MATERIALS	2019,29:180894 8	SCI 收 录	是	Li Wei, Xu Yalun, Meng Xianyi, Xiao Zuo, Li Ruiming, Jiang Li, Cui Lihao, Zheng Meijuan, Liu Chang, Ding Liming, Lin Qianqian	Lin QQ;丁黎明	非第一完成人(非 独立完成)
175	Achieving Over 15% Efficiency in Organic Photovoltaic Cells via Copolymer Design	ADVANCED MATERIALS	2019,31:180835 6	SCI 收 录	是	Cui Yong, Yao Huifeng, Hong Ling, Zhang Tao, Xu Ye, Xian Kaihu, Gao Bowei, Qin Jinzhao, Zhang Jianqi, Wei Zhixiang, Hou Jianhui	Yao HF;Hou JH	非第一完成人(非 独立完成)

176	Encapsulation of Plasmid DNA by Nanoscale Metal-Organic Frameworks for Efficient Gene Transportation and Expression	ADVANCED MATERIALS	2019,31:190157 0	SCI 收录	是	Li Yantao, Zhang Kai, Liu Porun, Chen Mo, Zhong Yulin, Ye Qingsong, Wei Ming Q., Zhao Huijun, Tang Zhiyong	赵惠军;Wei MQ;唐智勇	非第一完成人(非独立完成)
177	Fine Multi-Phase Alignments in 2D Perovskite Solar Cells with Efficiency over 17% via Slow Post-Annealing	ADVANCED MATERIALS	2019,31:190388 9	SCI 收录	是	Wu Guangbao, Li Xing, Zhou Jiyu, Zhang Jianqi, Zhang Xuning, Leng Xuanye, Wang Peijun, Chen Ming, Zhang Dongyang, Zhao Kui, Liu Shengzhong (Frank), Zhou Huiqiong, Zhang Yuan	Zhang Y;周惠琼;Zhao K	非第一完成人(非独立完成)
178	Correlations between Performance of Organic Solar Cells and Film-Depth-Dependent Optical and Electronic Variations	ADVANCED OPTICAL MATERIALS	2019,7:1900152	SCI 收录	是	Wang Zihao, Hu Yupeng, Xiao Tong, Zhu Yuanwei, Chen Xin, Bu Laju, Zhang Yajie, Wei Zhixiang, Xu Ben Bin, Lu Guanghao	Lu GH;Chen X;Bu LJ	非第一完成人(非独立完成)
179	Cooperative Chirality and Sequential Energy Transfer in a Supramolecular Light-Harvesting Nanotube	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2019,58:844	SCI 收录	是	Ji Lukang, Sang Yutao, Ouyang Guanghui, Yang Dong, Duan Pengfei, Jiang Yuqian, Liu Minghua	Ouyang GH;Liu MH	非第一完成人(非独立完成)
180	Self-Assembly through Coordination and pi-Stacking: Controlled Switching of Circularly Polarized Luminescence	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2019,58:5946	SCI 收录	是	Niu Dian, Jiang Yuqian, Ji Lukang, Ouyang Guanghui, Liu Minghua	Ouyang GH;Liu MH	非第一完成人(非独立完成)

181	Silicon phthalocyanine passivation for fullerene-free perovskite solar cells with efficient electron extraction	APPLIED PHYSICS EXPRESS	2019,12:64006	SCI 收录	否	Xie Chengyi, Zhou Conghua, Yang Bin, Shen Liang, Ke Lili, Ding Liming, Yuan Yongbo	Ke LL;Yuan YB;丁黎明	非第一完成人(非独立完成)
182	Suspended CNT-Based FET sensor for ultrasensitive and label-free detection of DNA hybridization	BIOSENSORS & BIOELECTRONICS	2019,137:255	SCI 收录	是	Sun Yang, Peng Zhisheng, Li Huamin, Wang Ziqun, Mu Yanqi, Zhang Guangping, Chen Shuo, Liu Siyu, Wang Gongtang, Liu Chundong, Sun Lianfeng, Man Baoyuan, Yang Cheng	Man BY;杨超;孙连峰	非第一完成人(非独立完成)
183	Ultrafast response of spray-on nanocomposite piezoresistive sensors to broadband ultrasound	CARBON	2019,143:743	SCI 收录	是	Liao Yaozhong, Duan Feng, Zhang Hongti, Lu Yang, Zeng Zhihui, Liu Menglong, Xu Hao, Gao Chang, Zhou Li-min, Jin Hao, Zhang Zhong, Su Zhongqing	Su ZQ;张忠	非第一完成人(非独立完成)
184	A computational study on linear and bent adsorption of CO <sub>2</sub> on different surfaces for its photoreduction	CATALYSIS TODAY	2019,335:278	SCI 收录	否	Zhu Shuang, Guo Lingju, Li Pan, Zhang Bin, Zhao Gaofeng, He Tao	Zhao GF;Guo LJ;贺涛	非第一完成人(非独立完成)
185	(R)-Binaphthyl derivatives as chiral dopants: substituent position controlled circularly polarized luminescence in liquid crystals	CHEMICAL COMMUNICATIONS	2019,55:5914	SCI 收录	是	Gao Xiaohui, Qin Xujin, Yang Xuefeng, Li Yuangang, Duan Pengfei	Li YG;段鹏飞	非第一完成人(非独立完成)



186	Chalcogen- substitution modulated supramolecular chirality and gas sensing properties in perylenediimides	CHEMICAL COMMUNICATIONS	2019,55:4379	SCI 收录	是	Deng Qingyuan, Zhou Enbao, Huang Yongwei, Qing Weixia, Zhai Haiyan, Liu Zhonghua, Wei Zhixiang	Huang YW;Liu ZH; 魏志祥	非第一完成人(非独立完成)
187	Circularly polarized luminescence of achiral open-shell pi-radicals	CHEMICAL COMMUNICATIONS	2019,55:6583	SCI 收录	是	Jin Qingxian, Chen Sanxu, Sang Yutao, Guo Haoqing, Dong Shengzhi, Han Jianlei, Chen Wenjie, Yang Xuefeng, Li Feng, Duan Pengfei	段鹏飞;Li F	非第一完成人(非独立完成)
188	Facile synthesis of homochiral compounds integrating circularly polarized luminescence and two-photon excited fluorescence	CHEMICAL COMMUNICATIONS	2019,55:2210	SCI 收录	是	Deng Wen-Ting, Qu Hang, Huang Zhe-Yu, Shi Lin, Tang Zhi-Yong, Cao Xiao-Yu, Tao Jun	Cao XY;Tao J	非第一完成人(非独立完成)
189	Self-assembled organic nanotube promoted allylation of ketones in aqueous phase	CHEMICAL COMMUNICATIONS	2019,55:3254	SCI 收录	是	Sun Hui, Jiang Jian, Sun Yimeng, Zhang Qingwu, Liu Minghua	Zhang QW;江建;Liu MH	非第一完成人(非独立完成)
190	Stoichiometry-controlled inversion of circularly polarized luminescence in co-assembly of chiral gelators with an achiral tetraphenylethylene derivative	CHEMICAL COMMUNICATIONS	2019,55:2194	SCI 收录	是	Li Pengyu, Lue Baozhong, Han Dongxue, Duan Pengfei, Liu Minghua, Yin Meizhen	Yin MZ;Liu MH	非第一完成人(非独立完成)

191	Hierarchical MnO <sub>2</sub> /activated carbon cloth electrode prepared by synchronized electrochemical activation and oxidation for flexible asymmetric supercapacitors	CHEMICAL ENGINEERING JOURNAL	2019,372:1047	SCI 收录	是	Zhang Jie, Sun Jiangbo, Shifa Tofik Ahmed, Wang Di, Wu Xiaofeng, Cui Yanbin	Wu XF;Cui YB	非第一完成人(非独立完成)
192	Boosting the circularly polarized luminescence of small organic molecules via multi-dimensional morphology control	CHEMICAL SCIENCE	2019,10:6821	SCI 收录	是	Ma Kai, Chen Wenjie, Jiao Tifeng, Jin Xue, Sang Yutao, Yang Dong, Zhou Jin, Liu Minghua, Duan Pengfei	Jiao TF;Liu MH;段鹏飞	非第一完成人(非独立完成)
193	Photon- upconverting chiral liquid crystal: significantly amplified upconverted circularly polarized luminescence	CHEMICAL SCIENCE	2019,10:172	SCI 收录	是	Yang Xuefeng, Han Jianlei, Wang Yafei, Duan Pengfei	段鹏飞	非第一完成人(非独立完成)
194	Towards homochiral supramolecular entities from achiral molecules by vortex mixing-accompanied self-assembly	CHEMICAL SCIENCE	2019,10:2718	SCI 收录	是	Sang Yutao, Yang Dong, Duan Pengfei, Liu Minghua	Liu MH;段鹏飞	非第一完成人(非独立完成)

195	Recent progress in covalent organic framework thin films: fabrications, applications and perspectives	CHEMICAL SOCIETY REVIEWS	2019,48:488	SCI 收录	是	Wang Han, Zeng Zhuotong, Xu Piao, Li Lianshan, Zeng Guangming, Xiao Rong, Tang Zhiyong, Huang Danlian, Tang Lin, Lai Cui, Jiang Danni, Liu Yang, Yi Huan, Qin Lei, Ye Shujing, Ren Xiaoya, Tang Wangwang	Zeng GM;Xiao R; 唐智勇	非第一完成人(非独立完成)
196	Cesium Lead Mixed-Halide Perovskites for Low-Energy Loss Solar Cells with Efficiency Beyond 17%	CHEMISTRY OF MATERIALS	2019,31:6231	SCI 收录	是	Wang Haoran, Bian Hui, Jin Zhiwen, Zhang Hong, Liang Lei, Wen Jialun, Wang Qian, Ding Liming, Liu Shengzhong Frank	Jin ZW;王奇;Liu SF;丁黎明	非第一完成人(非独立完成)
197	Superexchange Induced Charge Transport in Organic Donor-Acceptor Cocrystals and Copolymers: A Theoretical Perspective	CHEMISTRY OF MATERIALS	2019,31:6424	SCI 收录	是	Geng Hua, Zhu Lingyun, Yi Yuanping, Zhu Daoben, Shuai Zhigang	Yi YP;Shuai ZG	非第一完成人(非独立完成)
198	Synthesis of Millimeter-Size Single-Crystal 2D BiOI Sheets and Ribbons on Mica	CHEMISTRY OF MATERIALS	2019,31:9715	SCI 收录	是	Zeng Wei, Feng Li-ping, Li Jie, Pan Haixi, Zhang Xiaodong, Zheng Xiaoqi, Huang Yicheng, Zhang Rui, Liu Zhengtang	Feng LP	非第一完成人(非独立完成)
199	Retardation of Trap-Assisted Recombination in Lead Halide Perovskite Solar Cells by a Dimethylbiguanide Anchor Layer	CHEMISTRY-A EUROPEAN JOURNAL	2019,25:1076	SCI 收录	否	Xue Baoda, Bi Shiqing, You Shuai, Zhou Jiyu, Wu Guangbao, Meng Rui, Wang Boxin, Wang Jianqiu, Leng Xuanye, Zhang Yuan, Ma Xiangdong, Zhou Huiqiong	Ma XD;周惠琼;Zhang Y	非第一完成人(非独立完成)

200	Understanding the Impact of Bismuth Heterovalent Doping on the Structural and Photophysical Properties of CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3</sub> Halide Perovskite Crystals with Near-IR Photoluminescence	CHEMISTRY-A EUROPEAN JOURNAL	2019,25:5480	SCI 收 录	否	Meng Rui, Wu Guangbao, Zhou Jiyu, Zhou Huiqiong, Fang Honghua, Loi Maria A., Zhang Yuan	Zhang Y;周惠 琼;Fang HH	非第一完成人(非 独立完成)
201	Multifunctional DNA Origami Nanoplatfoms for Drug Delivery	CHEMISTRY-AN ASIAN JOURNAL	2019,14:2193	SCI 收 录	否	Lu Xuehe, Liu Jianbing, Wu Xiaohui, Ding Baoquan	丁宝全;刘建 兵	非第一完成人(非 独立完成)
202	Chiral self-assembly regulated photon upconversion based on triplet-triplet annihilation	CHINESE CHEMICAL LETTERS	2019,30:1923	SCI 收 录	否	Qin Xujin, Han Jianlei, Yang Dong, Chen Wenjie, Zhao Tonghan, Jin Xue, Guo Peipei, Duan Pengfei	Guo PP;段鹏 飞	非第一完成人(非 独立完成)
203	Effects of processing additives in non-fullerene organic bulk heterojunction solar cells with efficiency >11%	CHINESE CHEMICAL LETTERS	2019,30:217	SCI 收 录	否	Xie Shenkun, Wang Jianqiu, Wang Rong, Zhang Dongyang, Zhou Huiqiong, Zhang Yuan, Zhou Defeng	Zhou DF;Zhang Y; 周惠琼	非第一完成人(非 独立完成)
204	Silica oxide encapsulated natural zeolite for high efficiency removal of low concentration heavy metals in water	COLLOIDS AND SURFACES A- PHYSICOCHEMI CAL AND ENGINEERING ASPECTS	2019,561:388	SCI 收 录	否	Wang Zhe, Tan Keyan, Cai Jingyi, Hou Shitian, Wang Yue, Jiang Peng, Liang Minghui	Tan KY;Jiang P;梁明会	非第一完成人(非 独立完成)

205	An inkjet-printed, flexible, ultra-broadband nanocomposite film sensor for in-situ acquisition of high-frequency dynamic strains	COMPOSITES PART A- APPLIED SCIENCE AND MANUFACTURING	2019,125:	SCI 收录	否	Zhou Pengyu, Liao Yaozhong, Li Yehai, Pan Dongyue, Cao Wuxiong, Yang Xiongbin, Zou Fangxin, Zhou Li-min, Zhang Zhong, Su Zhongqing	Su ZQ	非第一完成人(非独立完成)
206	Isatin-derived non-fullerene acceptors towards high open circuit voltage solar cells	DYES AND PIGMENTS	2019,162:898	SCI 收录	否	Zhao Dong, Hu Junyi, Cao Kangli, Xiao Bo, Zhou Erjun, Zhang Qing	Zhang Q;周二军	非第一完成人(非独立完成)
207	Spontaneous open-circuit voltage gain of fully fabricated organic solar cells caused by elimination of interfacial energy disorder	ENERGY & ENVIRONMENTAL SCIENCE	2019,12:	SCI 收录	是	Sun Rui, Deng Dan, Guo Jing, Wu Qiang, Guo Jie, Shi Mumin, Shi Kui, Wang Tao, Xue Longjian, Wei Zhixiang, Min Jie	Min J;魏志祥	非第一完成人(非独立完成)
208	Electrode thickness matching for achieving high-volumetric-performance lithium-ion capacitors	ENERGY STORAGE MATERIALS	2019,18:133	其它	否	Han Daliang, Weng Zhe, Li Pei, Tao Ying, Cui Changjun, Zhang Lina, Lin Wenna, Gao Yang, Kong Debin, Yang Quan-Hong	Tao Y;Yang QH	非第一完成人(非独立完成)
209	Tuning defect and hollow size of metallic $K_xCoF_3$ for ultrastable potassium storage	ENERGY STORAGE MATERIALS	2019,21:196	其它	是	Suo Guoquan, Li Dan, Liu Zhiwei, Wang Wei (Alex), He Meng, Yu Qiyao, Yang Yanling, Hou Xiaojiao, Feng Lei	贺蒙;Wang W	非第一完成人(非独立完成)

210	Improvement of Electrochemical Performance of Nickel Rich LiNi <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> Cathode by Lithium Aluminates Surface Modifications	ENERGY TECHNOLOGY	2019,7:209	SCI 收录	否	Wu Jianxin, Tan Xinghua, Zhang Jiangtao, Guo Limin, Jiang Yi, Liu Shengnan, Zhao Tingqiao, Liu Yanlin, Ren Juncong, Wang Hanfu, Kang Xiaohong, Chu Weiguo	Kang XH;王汉夫;褚卫国	非第一完成人(非独立完成)
211	Mesoporous Au@ZnO flower-like nanostructure for enhanced formaldehyde sensing performance	INORGANIC CHEMISTRY COMMUNICATIONS	2019,102:203	SCI 收录	否	Liu Di, Wan Jiawei, Wang Hong, Pang Gangsheng, Tang Zhiyong	Pang GS;唐智勇	非第一完成人(非独立完成)
212	Interfacial engineering of metal-organic frameworks/graphene oxide composite membrane by polyethyleneimine for efficient H <sub>2</sub> /CH <sub>4</sub> gas separation	INORGANIC CHEMISTRY FRONTIERS	2019,6:2043	SCI 收录	否	Liu Di, Pang Guangsheng, Tang Zhiyong, Feng Shouhua	Pang GS;唐智勇	非第一完成人(非独立完成)
213	Tuning the electronic structure of PtRu bimetallic nanoparticles for promoting the hydrogen oxidation reaction in alkaline media	INORGANIC CHEMISTRY FRONTIERS	2019,6:2900	SCI 收录	否	Long Chang, Wang Kun, Shi Yanan, Yang Zhongjie, Zhang Xiaofei, Zhang Yin, Han Jianyu, Bao Yini, Chang Lin, Liu Shaoqin, Tang Zhiyong	Liu SQ;唐智勇	非第一完成人(非独立完成)

214	Molecular Order Control of Non-fullerene Acceptors for High-Efficiency Polymer Solar Cells	JOULE	2019,3:819	其它	是	Li Wei, Chen Mengxue, Cai Jinlong, Spooner Emma L. K., Zhang Huijun, Gurney Robert S., Liu Dan, Xiao Zuo, Lidzey David G., Ding Liming, Wang Tao	Wang T;丁黎明	非第一完成人(非独立完成)
215	Controllable formation of lithium carbonate surface phase during synthesis of nickel-rich LiNi <sub>0.9</sub> Mn <sub>0.1</sub> O <sub>2</sub> in air and its protection role in electrochemical reaction	JOURNAL OF ALLOYS AND COMPOUNDS	2019,771:42	SCI 收录	否	Zhang J. T., Tan X. H., Guo L. M., Jiang Y., Liu S. N., Wang H. F., Kang X. H., Chu W. G.	Kang XH;王汉夫;褚卫国	非第一完成人(非独立完成)
216	Facile fabrication of iron oxide/carbon/rGO superparamagnetic nanocomposites for enhanced electrochemical energy storage performance	JOURNAL OF ALLOYS AND COMPOUNDS	2019,811:	SCI 收录	否	Wang Huan, Xiao Zicheng, Yu Zhifeng, Ma Yuntian, Wu Pingfan, Xue Fumin, Guo Wei, Lu Wangda, Jiao Xinxin, Jiang Peng, Liang Minghui	Wu PF;Jiang P;梁明会;Xue FM	非第一完成人(非独立完成)
217	A Mock Gas Molecules Model for Accurately Simulating Pressure Load at Micro- and Nanoscales	JOURNAL OF APPLIED MECHANICS-TRANSACTIONS OF THE ASME	2019,86:91006	SCI 收录	否	Ma Yong, Wang Guorui, Chen Yuli, Liu Luqi, Zhang Zhong	Chen YL	非第一完成人(非独立完成)

218	Hierarchical-structure-dependent high ductility of electrospun polyoxymethylene nanofibers	JOURNAL OF APPLIED POLYMER SCIENCE	2019,136:47086	SCI 收录	否	Hu Ruirui, Gao Enlai, Xu Zhiping, Liu Luqi, Wang Guorui, Zhu Hongwei, Zhang Zhong	刘璐琪;张忠	非第一完成人(非独立完成)
219	Nanostructured porous carbons derived from nitrogen-doped graphene nanoribbon aerogels for lithium-sulfur batteries	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2019,541:204	SCI 收录	否	Zhou Hang-Yu, Sui Zhu-Yin, Liu Shan, Wang Hai-Yan, Han Bao-Hang	Sui ZY;Wang HY;韩宝航	非第一完成人(非独立完成)
220	A polyaspartic acid sodium interfacial layer enhances surface trap passivation in perovskite solar cells	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:23895	SCI 收录	是	Wang Boxin, Wu Fei, Bi Shiqing, Zhou Jiyu, Wang Jianqiu, Leng Xuanye, Zhang Dongyang, Meng Rui, Xue Baoda, Zong Chengzhong, Zhu Linna, Zhang Yuan, Zhou Huiqiong	Zong CZ;周惠琼;Zhang Y	非第一完成人(非独立完成)
221	A universal approach for optimizing charge extraction in electron transporting layer-free organic solar cells via Lewis base doping	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:25808	SCI 收录	是	Wang Rong, Wang Boxin, Wang Jianqiu, Zhang Xuning, Zhang Dongyang, Wei Donghui, Sun Xiaobo, Zhou Huiqiong, Zhang Yuan	Zhang Y	非第一完成人(非独立完成)
222	Cathode interfacial layer-free all small-molecule solar cells with efficiency over 12%	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:15944	SCI 收录	是	Wu Hao, Yue Qihui, Zhou Zichun, Chen Shanshan, Zhang Dongyang, Xu Shengjie, Zhou Huiqiong, Yang Changduk, Fan Haijun, Zhu Xiaozhang	Fan HJ;Zhu XZ	非第一完成人(非独立完成)



223	Effects of energy-level offset between a donor and acceptor on the photovoltaic performance of non-fullerene organic solar cells	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:18889	SCI 收录	是	Yang Chenyi, Zhang Jianqi, Liang Ningning, Yao Huifeng, Wei Zhixiang, He Chang, Yuan Xiaotao, Hou Jianhui	Yuan XT;Hou JH	非第一完成人(非独立完成)
224	Fusion or non-fusion of quasi-two-dimensional fused perylene diimide acceptors: the importance of molecular geometry for fullerene-free organic solar cells	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:27493	SCI 收录	是	Yin Yuli, Zheng Zhi, Chen Daoyuan, Liu Ming, Zhang Jianqi, Guo Fengyun, Gao Shiyong, Zhao Liancheng, Zhang Yong	Zhang Y	非第一完成人(非独立完成)
225	Geometric structure-guided photo-driven ion current through asymmetric graphene oxide membranes	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:20182	SCI 收录	是	Feng Yaping, Dai Haoyu, Chen Jianjun, Kong Xian, Yang Jinlei, Jiang Lei	杨金雷;Kong X	非第一完成人(非独立完成)
226	Highly efficient flexible MAPbI <sub>3</sub> solar cells with a fullerene derivative-modified SnO <sub>2</sub> layer as the electron transport layer	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:6659	SCI 收录	是	Zhong Meiyan, Liang Yongqi, Zhang Jianqi, Wei Zhixiang, Li Qi, Xu Dongsheng	Liang YQ;Xu DS	非第一完成人(非独立完成)
227	Hollow TiO <sub>2</sub> microspheres assembled by tiny nanocrystals as superior anode for lithium ion battery	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:23733	SCI 收录	是	Hou Jie, Zhang Huimin, Lin Jianjian, Qiu Xueying, Zhao Wenshi, Sun Xiaogang, Xiang Yu, Zhang Hao, Xing Guichuan, Zheng Dehua, Li Guodong, Tang Zhiyong	Lin JJ;李国栋;Zhang H	非第一完成人(非独立完成)

228	Importance of terminated groups in 9,9-bis(4-methoxyphenyl)-substituted fluorene-based hole transport materials for highly efficient organic-inorganic hybrid and all-inorganic perovskite solar cells	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:10319	SCI 收录	是	Zhang Dongyang, Wu Tai, Xu Peng, Ou Yangmei, Sun Anxin, Ma Huili, Cui Bo, Sun Hanwen, Ding Liming, Hua Yong	Hua Y;丁黎明	非第一完成人(非独立完成)
229	Simultaneous performance and stability improvement of polymer:fullerene solar cells by doping with piperazine	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:7099	SCI 收录	是	Yan Lingpeng, Wang Yaling, Wei Junfeng, Ji Guoqi, Gu Huimin, Li Zerui, Zhang Jianqi, Luo Qun, Wang Zhongqiang, Liu Xuguang, Xu Bingshe, Wei Zhixiang, Ma Chang-Qi	Yan LP;Ma CQ	非第一完成人(非独立完成)
230	The comprehensive utilization of the synergistic effect of fullerene and non-fullerene acceptors to achieve highly efficient polymer solar cells	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:15841	SCI 收录	是	Liang Zezhou, Tong Junfeng, Li Hongdong, Wang Yufei, Wang Ningning, Li Jianfeng, Yang Chunming, Xia Yangjun	Li JF;Yang CM	非第一完成人(非独立完成)
231	The humidity-insensitive fabrication of efficient CsPbI3 solar cells in ambient air	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:26776	SCI 收录	是	Liang Lei, Li Zhizai, Zhou Faguang, Wang Qian, Zhang Hong, Xu Zhuo, Ding Liming, Liu Shengzhong (Frank), Jin Zhiwen	Xu Z;Liu SZ;Jin ZW;丁黎明	非第一完成人(非独立完成)

232	A graphene P-N junction induced by single-gate control of dielectric structures	JOURNAL OF MATERIALS CHEMISTRY C	2019,7:8796	SCI 收录	是	Xu Xiaodan, Wang Cong, Liu Yang, Wang Xiaofeng, Gong Nan, Zhu Zhimao, Shi Bin, Ren Mengxin, Cai Wei, Rupp Romano A., Zhang Xinzheng, Xu Jingjun	Shi B;Ren MX;Zhang XZ	非第一完成人(非独立完成)
233	Assembling semiconductor quantum dots in hierarchical photonic cellulose nanocrystal films: circularly polarized luminescent nanomaterials as optical coding labels	JOURNAL OF MATERIALS CHEMISTRY C	2019,7:13794	SCI 收录	是	Xu Mingcong, Ma Chunhui, Zhou Jin, Liu Yushan, Wu Xueyun, Luo Sha, Li Wei, Yu Haipeng, Wang Yonggui, Chen Zhijun, Li Jian, Liu Shouxin	Li W;Liu SX	非第一完成人(非独立完成)
234	Pseudohalide (SCN <sup>-</sup> )-doped CsPbI <sub>3</sub> for high-performance solar cells	JOURNAL OF MATERIALS CHEMISTRY C	2019,7:13736	SCI 收录	是	Yao Zhun, Jin Zhiwen, Zhang Xiaorong, Wang Qian, Zhang Hong, Xu Zhuo, Ding Liming, Liu Shengzhong (Frank)	Xu Z;Liu SZ;Jin ZW;丁黎明	非第一完成人(非独立完成)
235	Pyrene-based aggregation-induced emission luminogens (AIEgen): structure correlated with particle size distribution and mechanochromism	JOURNAL OF MATERIALS CHEMISTRY C	2019,7:6932	SCI 收录	是	Feng Xing, Zhang Jun, Hu Zhen, Wang Qingsong, Islam Md. Monarul, Ni Jen-Shyang, Elsegood Mark R. J., Lam Jacky W. Y., Zhou Erjun, Tang Ben Zhong	Feng X;Tang BZ;周二军	非第一完成人(非独立完成)
236	Titanate hollow nanospheres as electron-transport layer in mesoscopic perovskite solar cell with enhanced performance	JOURNAL OF MATERIALS CHEMISTRY C	2019,7:1948	SCI 收录	是	Wang Hui, Jiang Rui, Sun Meili, Yin Xiong, Guo Yanjun, He Meng, Wang Leyu	Yin X;Wang LY;贺蒙	非第一完成人(非独立完成)

237	Significantly Boosted and Inversed Circularly Polarized Luminescence from Photogenerated Radical Anions in Dipeptide Naphthalenediimide Assemblies	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	2019,10:5861	SCI 收录	是	Wang Yuan, Jiang Yuqian, Zhu Xuefeng, Liu Minghua	Liu MH	非第一完成人(非独立完成)
238	Two-Photon Absorption-Based Upconverted Circularly Polarized Luminescence Generated in Chiral Perovskite Nanocrystals	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	2019,10:3290	SCI 收录	是	Chen Wenjie, Zhang Shuai, Zhou Minghao, Zhao Tonghan, Qin Xujin, Liu Xinfeng, Liu Minghua, Duan Pengfei	Liu MH;段鹏飞;刘新风	非第一完成人(非独立完成)
239	Impact of electron-withdrawing and electron-donating substituents on the electrochemical and charge transport properties of indacenodithiophene-based small molecule acceptors for organic solar cells	JOURNAL OF PHYSICAL ORGANIC CHEMISTRY	2019,32:	SCI 收录	否	Tahir Mudassir Hussain, Mubashir Tayyaba, Shah Tanveer-Ul-Hassan, Mahmood Asif	Tahir MH;Mahmood A	非第一完成人(非独立完成)

240	Scalable Production of Two-Dimensional Metallic Transition Metal Dichalcogenide Nanosheet Powders Using NaCl Templates toward Electrocatalytic Applications	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	2019,141:18694	SCI 收录	是	Huan Yahuan, Shi Jianping, Zou Xiaolong, Gong Yue, Xie Chunyu, Yang Zhongjie, Zhang Zhepeng, Gao Yan, Shi Yuping, Li Minghua, Yang Pengfei, Jiang Shaolong, Hong Min, Gu Lin, Zhang Qing, Yan Xiaoqin, Zhang Yanfeng	Zhang Q;Zhang YF;Yan XQ	非第一完成人(非独立完成)
241	Spreading Films of Anthracene-Containing Gelator Molecules at the Air/Water Interface: Nanorod and Circularly Polarized Luminescence	LANGMUIR	2019,35:2772	SCI 收录	否	Yang Chenchen, Chen Penglei, Meng Yan, Liu Minghua	Liu MH	非第一完成人(非独立完成)
242	Tuning Both Surface Chemistry and Porous Properties of Polymer-Derived Porous Carbons for High-Performance Gas Adsorption	LANGMUIR	2019,35:7650	SCI 收录	否	Liu Shan, Sui Zhu-Yin, Wang Tian-Xiong, Zhou Hang-Yu, Liu Yu-Wen, Han Bao-Hang	Liu YW;Sui ZY;韩宝航	非第一完成人(非独立完成)
243	Structural and Dimensional Transformations between Covalent Organic Frameworks via Linker Exchange	MACROMOLECULES	2019,52:1257	SCI 收录	否	Li Zhen, Ding Xuesong, Feng Yiyu, Feng Wei, Han Bao-Hang	Feng YY;Feng W;丁雪松;韩宝航	非第一完成人(非独立完成)

244	Synthesis of Conjugated Microporous Polymers through Cationic Cyclization Polymerization	MACROMOLECULES	2019,52:3935	SCI 收录	否	Zhou Hao, Zhao Bing, Fu Cheng, Wu Ziqi, Wang Chonggang, Ding Yun, Han Bao-Hang, Hu Aiguo	Hu AG	非第一完成人(非独立完成)
245	A wide-bandgap copolymer donor based on a phenanthridin-6(5H)-one unit	MATERIALS CHEMISTRY FRONTIERS	2019,3:2686	其它	是	Wang Ju, Gao Yaxin, Xiao Zuo, Meng Xianyi, Zhang Lixiu, Liu Ling, Zuo Chuantian, Yang Shangfeng, Zou Yingping, Yang Junliang, Shi Shengwei, Ding Liming	Zou YP;丁黎明;Yang JL;Shi SW	非第一完成人(非独立完成)
246	Alkoxythiophene and alkylthiothiophene pi-bridges enhance the performance of A-D-A electron acceptors	MATERIALS CHEMISTRY FRONTIERS	2019,3:492	其它	是	Zhang Lei, Jin Ke, Xiao Zuo, Wang Xingzhu, Wang Tao, Yi Chenyi, Ding Liming	Wang XZ;丁黎明;Wang T;Yi CY	非第一完成人(非独立完成)
247	High-performance wide-bandgap copolymers with dithieno[3,2-b:2',3'-d]pyridin-5(4H)-one units	MATERIALS CHEMISTRY FRONTIERS	2019,3:399	其它	是	Gao Yaxin, Li Dan, Xiao Zuo, Qian Xin, Yang Junliang, Liu Fangyang, Yang Shangfeng, Ding Liming	Yang JL;丁黎明;Yang SF;Liu FY	非第一完成人(非独立完成)
248	Two-dimensional materials for lithium/sodium-ion capacitors	MATERIALS TODAY ENERGY	2019,11:30	其它	是	Han Daliang, Zhang Jun, Weng Zhe, Kong Debin, Tao Ying, Ding Fei, Ruan Dianbo, Yang Quan-Hong	Weng Z;Yang QH	非第一完成人(非独立完成)

249	Wet-chemistry grafted active pyridinic nitrogen sites on holey graphene edges as high performance ORR electrocatalyst for Zn-Air batteries	MATERIALS TODAY ENERGY	2019,11:24	其它	是	Liu Xu, Jiang Lixue, Zhu Zhengju, Chen Shan, Dou Yuhai, Liu Porun, Wang Yun, Yin Huajie, Tang Zhiyong, Zhao Huijun	Yin HJ;赵惠军;唐智勇	非第一完成人(非独立完成)
250	Correlating the electron-donating core structure with morphology and performance of carbon-oxygen-bridged ladder-type non-fullerene acceptor based organic solar cells	NANO ENERGY	2019,61:318	SCI 收录	是	Li Wei, Xiao Zuo, Cai Jinlong, Smith Joel A., Spooner Emma L. K., Kilbride Rachel C., Game Onkar S., Meng Xianyi, Li Donghui, Zhang Huijun, Chen Mengxue, Gurney Robert S., Liu Dan, Jones Richard A. L., Lidzey David G., Ding Liming, Wang Tao	Wang T;丁黎明;Lidzey DG	非第一完成人(非独立完成)
251	Enhancing hot-electron generation and transfer from metal to semiconductor in a plasmonic absorber	NANO ENERGY	2019,63:	SCI 收录	是	Li Hongdong, Ali Wajid, Wang Zuochao, Mideksa Megersa F., Wang Fei, Wang Xiaoli, Wang Lei, Tang Zhiyong	王磊;Wang XL	非第一完成人(非独立完成)
252	Interfacial charge behavior modulation in 2D/3D perovskite heterostructure for potential high-performance solar cells	NANO ENERGY	2019,59:715	SCI 收录	是	Liu Biao, Long Mengqiu, Cai Mengqiu, Ding Liming, Yang Junliang	Yang JL;丁黎明	非第一完成人(非独立完成)

253	N,P co-doped hollow carbon nanofiber membranes with superior mass transfer property for trifunctional metal-free electrocatalysis	NANO ENERGY	2019,64:	SCI 收录	是	Gao Yang, Xiao Zhichang, Kong Debin, Iqbal Rashid, Yang Quan-Hong, Zhi Linjie	Yang QH;智林杰;孔德斌	非第一完成人(非独立完成)
254	Facile synthesis of ultrathin metal-organic framework nanosheets for Lewis acid catalysis	NANO RESEARCH	2019,12:437	SCI 收录	是	Zhang Xiaofei, Chang Lin, Yang Zhongjie, Shi Yanan, Long Chang, Han Jianyu, Zhang Binhao, Qiu Xueying, Li Guodong, Tang Zhiyong	唐智勇;李国栋	非第一完成人(非独立完成)
255	Regulation of the cellular uptake of nanoparticles by the orientation of helical polypeptides	NANO RESEARCH	2019,12:889	SCI 收录	是	Zhang Chong, Lu Jianhua, Tian Falin, Li Lindong, Hou Yingqin, Wang Yaoyi, Sun Lingdong, Shi Xinghua, Lu Hua	Sun LD;Lu H;Shi XH	非第一完成人(非独立完成)
256	Enhanced Roles of Carbon Architectures in High-Performance Lithium-Ion Batteries	NANO-MICRO LETTERS	2019,11:5	SCI 收录	是	Wang Lu, Han Junwei, Kong Debin, Tao Ying, Yang Quan-Hong	Yang QH;孔德斌	非第一完成人(非独立完成)
257	Detecting electronic structure evolution of semiconductor nanocrystals by magnetic circular dichroism spectroscopy	NANOSCALE	2019,11:19380	SCI 收录	是	Gao Xiaoqing, Zhang Xiuwen, Yang Xuekang, Zhao Luyang, Han Bing, Alanagh Hamideh Rezvani, Tang Zhiyong	唐智勇	非第一完成人(非独立完成)



258	Halbach array assisted assembly of orderly aligned nickel nanowire networks as transparent conductive films	NANOTECHNOLOGY	2019,30:355301	SCI 收录	否	Wang Jie, Liu Shumin, Ban Chaolei, Jia Zhengfeng, He Xiaohu, Ma Jie, Pu Xipeng, Li Wenzhi, Zhi Linjie	Wang J;智林杰	非第一完成人(非独立完成)
259	Anatomy of the energetic driving force for charge generation in organic solar cells	NATURE COMMUNICATIONS	2019,10:2520	SCI 收录	是	Nakano Kyohei, Chen Yujiao, Xiao Bo, Han Weining, Huang Jianming, Yoshida Hiroyuki, Zhou Erjun, Tajima Keisuke	Tajima K;周二军	非第一完成人(非独立完成)
260	Over 16% efficiency organic photovoltaic cells enabled by a chlorinated acceptor with increased open-circuit voltages	NATURE COMMUNICATIONS	2019,10:2515	SCI 收录	是	Cui Yong, Yao Hui Feng, Zhang Jianqi, Zhang Tao, Wang Yuming, Hong Ling, Xian Kaihu, Xu Bowei, Zhang Shaoqing, Peng Jing, Wei Zhixiang, Gao Feng, Hou Jianhui	Yao HF	非第一完成人(非独立完成)
261	Flexible semi-transparent organic transistors and circuits based on easily prepared polyphenyleneoxide dielectric	ORGANIC ELECTRONICS	2019,69:308	SCI 收录	否	Guo Lidan, Zhu Xiangwei, Sun Su, Cong Chuanbo, Zhou Qiong, Sun Xiangnan, Liu Yunqi	Cong CB;祝向伟;孙向南	非第一完成人(非独立完成)
262	Surface modification of ZnO electron transport layers with glycine for efficient inverted non-fullerene polymer solar cells	ORGANIC ELECTRONICS	2019,70:25	SCI 收录	否	Zhu Xiaoqian, Guo Bing, Fang Jin, Zhai Tianshu, Wang Yanan, Li Guangwei, Zhang Jianqi, Wei Zhixiang, Duhm Steffen, Guo Xia, Zhang Maojie, Li Yongfang	Fang J;Guo X;Zhang MJ	非第一完成人(非独立完成)

263	Nanoscale Chirality	PARTICLE & PARTICLE SYSTEMS CHARACTERIZ ATION	2019,36:190012 9	SCI 收 录	否	Chen Shaowei, Tang Zhiyong, Xie Jianping	Chen SW;唐 智勇;Xie JP	非第一完成人(非 独立完成)
264	Light Management via Tuning the Fluorine-Doped Tin Oxide Glass Haze-Drives High-Efficiency CsPbI3 Solar Cells	PHYSICA STATUS SOLIDI A- APPLICATIONS AND MATERIALS SCIENCE	2019,216:19006 02	SCI 收 录	否	Bian Hui, Wang Qian, Ding Liming, Jin Zhiwen	Wang Q;Jin ZW;丁黎明	非第一完成人(非 独立完成)
265	Air- stable formamidinium/ methylammonium mixed lead iodide perovskite integral microcrystals with low trap density and high photo- responsivity	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2019,21:3106	SCI 收 录	否	Wu Guangbao, Zhou Jiyu, Meng Rui, Xue Baoda, Zhou Huiqiong, Tang Zhiyong, Zhang Yuan	Zhang Y	非第一完成人(非 独立完成)
266	Multichannel Metasurfaces for Anticounterfeiting	PHYSICAL REVIEW APPLIED	2019,12:34028	SCI 收 录	否	Zhang Chunmei, Dong Fengliang, Intaravanne Yuttana, Zang Xiaofei, Xu Lihua, Song Zhiwei, Zheng Guoxing, Wang Wei, Chu Weiguo, Chen Xianzhong	褚卫国	非第一完成人(非 独立完成)

267	Metal complex hybrid composites based on fullerene-bearing porous polycarbazole for H <sub>2</sub> , CO <sub>2</sub> and CH <sub>4</sub> uptake and heterogeneous hydrogenation catalysis	POLYMER	2019,169:255	SCI 收录	否	Chen Qi, Yin Qing, Dong Anwang, Gao Yuxing, Qian Yongxin, Wang Dongxu, Dong Mengyao, Shao Qian, Liu Hu, Han Bao-Hang, Ding Tao, Guo Zhanhu, Wang Ning	Wang N;韩宝航;Guo ZH;Ding T	非第一完成人(非独立完成)
268	Novel highly-swellaable and pH-responsive slow release formulations of clotrimazole with chitosan-g-PEG/starch microparticles	REACTIVE & FUNCTIONAL POLYMERS	2019,135:32	SCI 收录	否	Akakuru Ozioma Udochukwu, Louis Hitler, Uwaoma Romanus, Elemike Elias Emeka, Akakuru Obinna Chigoziem	Akakuru OU	非第一完成人(非独立完成)
269	Visualization of the intracellular location and stability of DNA flowers with a label-free fluorescent probe	RSC ADVANCES	2019,9:15205	SCI 收录	否	Wei Yu, Xu Xuehui, Shang Yingxu, Jiang Qiao, Li Can, Ding Baoquan	Li C;蒋乔;丁宝全	非第一完成人(非独立完成)
270	5H-dithieno[3,2-b:2',3'-d]pyran-5-one unit yields efficient wide-bandgap polymer donors	SCIENCE BULLETIN	2019,64:1655	SCI 收录	是	Liu Jinfeng, Liu Ling, Zuo Chuantian, Xiao Zuo, Zou Yingping, Jin Zhiwen, Ding Liming	Zou YP;肖作;丁黎明;Jin ZW	非第一完成人(非独立完成)
271	A two-terminal all-inorganic perovskite/organic tandem solar cell	SCIENCE BULLETIN	2019,64:885	SCI 收录	是	Zeng Qiang, Liu Ling, Xiao Zuo, Liu Fangyang, Hua Yong, Yuan Yongbo, Ding Liming	Liu FY;丁黎明;Hua Y;Yuan YB	非第一完成人(非独立完成)

272	CsPbI <sub>2.25</sub> Br <sub>0.75</sub> solar cells with 15.9% efficiency	SCIENCE BULLETIN	2019,64:507	SCI 收录	是	Fang Zhimin, Liu Ling, Zhang Zhiming, Yang Shangfeng, Liu Fangyang, Liu Mingzhen, Ding Liming	Yang SF;丁黎明;Liu FY;Liu MZ	非第一完成人(非独立完成)
273	High production-yield solid-state carbon dots with tunable photoluminescence for white/multi-color light-emitting diodes	SCIENCE BULLETIN	2019,64:1788	SCI 收录	是	Song Haoqiang, Liu Xuejian, Wanga Boyang, Tang Zhiyong, Lu Siyu	Lu SY	非第一完成人(非独立完成)
274	Low-temperature processed inorganic hole transport layer for efficient and stable mixed Pb-Sn low-bandgap perovskite solar cells	SCIENCE BULLETIN	2019,64:1399	SCI 收录	是	Han Qiaolei, Wei Ying, Lin Renxing, Fang Zhimin, Xiao Ke, Luo Xin, Gu Shuai, Zhu Jia, Ding Liming, Tan Hairen	Tan HR;丁黎明	非第一完成人(非独立完成)
275	Near-infrared emissive carbon dots with 33.96% emission in aqueous solution for cellular sensing and light-emitting diodes	SCIENCE BULLETIN	2019,64:1285	SCI 收录	是	Wang Boyang, Li Jian, Tang Zhiyong, Yang Bai, Lu Siyu	Lu SY	非第一完成人(非独立完成)
276	Enhanced intermolecular interactions to improve twisted polymer photovoltaic performance	SCIENCE CHINA-CHEMISTRY	2019,62:370	SCI 收录	是	An Cunbin, Xin Jingming, Shi Lanlan, Ma Wei, Zhang Jianqi, Yao Hui Feng, Li Sunsun, Hou Jianhui	Hou JH;Ma W	非第一完成人(非独立完成)

277	Pixelated-polarization-camera-based polarimetry system for wide real-time optical rotation measurement	SENSORS AND ACTUATORS B-CHEMICAL	2019,283:857	SCI 收录	是	Ma Xuan, Dong Fengliang, Zhang Zhigang, Su Yong, Xu Tan, Jiang Zhaoxiang, Wu Shangquan, Zhang Qingchuan, Chu Weiguo, Wu Xiaoping	Wu SQ;Zhang QC;褚卫国	非第一完成人(非独立完成)
278	A Review of Recent Applications of Ion Beam Techniques on Nanomaterial Surface Modification: Design of Nanostructures and Energy Harvesting	SMALL	2019,15:1901820	SCI 收录	是	Li Wenqing, Zhan Xueying, Song Xianyin, Si Shuyao, Chen Rui, Liu Jing, Wang Zhenxing, He Jun, Xiao Xiangheng	Xiao XH;王振兴	非第一完成人(非独立完成)
279	Electrochemical Reduction of CO <sub>2</sub> over Heterogeneous Catalysts in Aqueous Solution: Recent Progress and Perspectives	SMALL METHODS	2019,3:1800369	其它	是	Long Chang, Li Xiang, Guo Jun, Shi Yanan, Liu Shaoqin, Tang Zhiyong	Liu SQ;唐智勇	非第一完成人(非独立完成)
280	Beyond Metal Oxides: Introducing Low-Temperature Solution-Processed Ultrathin Layered Double Hydroxide Nanosheets into Polymer Solar Cells Toward Improved Electron Transport	SOLAR RRL	2019,3:1800299	其它	是	Liu Qing, Chen Xiang, Hu Wanpei, Zhang Mengmeng, Ding Liming, Wang Mingtai, Qiao Qiquan, Yang Shangfeng	Yang SF;丁黎明	非第一完成人(非独立完成)

281	Highly Efficient Perovskite Solar Cells Processed Under Ambient Conditions Using In Situ Substrate-Heating-Assisted Deposition	SOLAR RRL	2019,3:1800318	其它	是	Huang Keqing, Li Hengyue, Zhang Chujun, Gao Yaxin, Liu Tianjiao, Zhang Jian, Gao Yongli, Peng Yongyi, Ding Liming, Yang Junliang	Peng YY;Yang JL; 丁黎明	非第一完成人(非独立完成)
282	Organic Solar Cells Based on High Hole Mobility Conjugated Polymer and Nonfullerene Acceptor with Comparable Bandgaps and Suitable Energy Level Offsets Showing Significant Suppression of J(sc)-V-oc Trade-Off	SOLAR RRL	2019,3:1900079	其它	是	Wang Zhen, Liu Xuncheng, Jiang Haiying, Zhou Xiaobo, Zhang Lianjie, Pan Feilong, Qiao Xianfeng, Ma Dongge, Ma Wei, Ding Liming, Cao Yong, Chen Junwu	Zhang LJ;Chen JW;Ma W;丁黎明	非第一完成人(非独立完成)
283	The Positive Function of Incorporation of Small Molecules into Perovskite Materials for High-Efficient Stable Solar Cells	SOLAR RRL	2019,3:1800327	其它	是	Azam Muhammad, Liu Kong, Yue Shizhong, Sun Yang, Zhang Dongyang, Hassan Ali, Wang Zhijie, Zhou Huiqiong, Qu Shengchun, Wang Zhanguo	Wang ZJ;Qu SC;周惠琼	非第一完成人(非独立完成)
284	Anticancer Activities of Tumor-killing Nanorobots	TRENDS IN BIOTECHNOLOGY	2019,37:573	其它	是	Li Suping, Jiang Qiao, Ding Baoquan, Nie Guangjun	丁宝全, Nie GJ	非第一完成人(非独立完成)

285	Enhancing the efficiency of PTB7-Th:COi8DFIC-based ternary solar cells with versatile third components	Applied Physics Reviews	2019,6:041405	SCI 收录	是	Li Wei, Xiao Zuo, Joel A. Smith, Cai Jinlong, Li Donghui, Rachel C. Kilbride, Emma L. K. Spooner, Onkar S. Game, Meng Xianyi, Liu Dan, Richard A. L. Jones, David G. Lidzey, Ding Liming, Tao Wang	David G. L; 丁黎明; Wang T	非第一完成人(非独立完成)
286	Comparative Analysis of Burn-in Photo-degradation in Nonfullerene COi8DFIC Acceptor based High-efficiency Ternary Organic Solar Cells	MATERIALS CHEMISTRY FRONTIERS	2019,3:1085	其它	是	Leiping Duan, Meng Xianyi, Zhang Yu, Yi Haimang, Jin Ke, Faiazul Haque, Xu Chen, Xiao Zuo, Ding Liming, Ashraf Uddin	Duan L; 丁黎明; Ashraf Uddin	非第一完成人(非独立完成)
287	Functionality of Non-Fullerene Electron Acceptors in Ternary Organic Solar Cells	SOLAR RRL	2019,3:1900322	其它	是	Zhu Tao, Zheng Luyao, Xiao Zuo, Meng Xianyi, Liu Lei, Ding Liming, Gong Xiong	丁黎明; Gong X	非第一完成人(非独立完成)
288	Suppressing photo-oxidation of non-fullerene acceptors and their blends in organic solar cells by exploring material design and employing friendly stabilizers	JOURNAL OF MATERIALS CHEMISTRY A	2019,7:25088	SCI 收录	是	Guo Jing, Wu Yao, Sun Rui, Wang Wei, Guo Jie, Wu Qiang, Tang Xiaofeng, Sun Chenkai, Luo Zhenghui, Chang Kai, Zhang Zhuohan, Yuan Jun, Li Tengfei, Weihua Tang, Zhou Erjun, Xiao Zuo, Ding Liming, Zou Yingping, Zhan Xiaowei, Yang Chuluo, Li Zhen, Christoph J. Brabec, Li Yongfang, Min Jie	Min J	非第一完成人(非独立完成)

289	Earth abundant materials beyond transition metal dichalcogenides: A focus on electrocatalyzing hydrogen evolution reaction	NANO ENERGY	2019,58:244	SCI 收录	是	Yu Peng, Wang Fengmei*, Tofik Ahmed Shifa, Zhan Xueying, Lou Xiaoding*, Xia Fan*, He Jun*	王枫梅;Lou XD;Xia F;何军	非第一完成人(非独立完成)
290	Helical Nanostructures: Chirality Transfer and a Photodriven Transformation from Superhelix to Nanokebab	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2019,58:785	SCI 收录	是	Jiang, H.; Jiang, Y.; Han, J.; Zhang, L.*; Liu, M.*	zhang L.;Liu MH	非第一完成人(非独立完成)
291	Homochiral Nanotubes from Heterochiral Lipid Mixtures: A Shorter Alkyl Chain Dominated Chiral Self-assembly	Chemical Science	2019,10:3873	SCI 收录	是	Zhu, X.; Jiang, Y.; Yang, D.; Zhang, L.; Li, Y.; Liu, M.*	Liu MH	非第一完成人(非独立完成)
292	Significantly Boosted and Inversed Circularly Polarized Luminescence from Photo-Generated Radical Anions in Dipeptide Naphthalenediimide Assemblies	Journal of Physical Chemistry Letters	2019,10:5861	SCI 收录	是	Wang, Y.; Jiang, Y.; Zhu, X.; Liu, M.*	Liu MH	非第一完成人(非独立完成)
293	Asymmetric catalysis mediated by a mirror symmetry-broken helical nanoribbon	Nature communications	2019,10:1	SCI 收录	是	Shen, Z.*; Sang, Y.; Wang, T.; Jiang, J.; Meng, Y.; Jiang, Y.; Okuro, K.*; Aida, T.*; Liu, M.*	Shen Z;Aida T;Liu MH	非第一完成人(非独立完成)



294	Graphene-Based Smart Thermal Conductive System Regulated by Reversible Pressure-Induced Mechanism	Nanoscale	2019,11:11730	SCI 收录	是	Wang, X.; Zang, X.; Jiang, Y.; Liu, Q.; Chang, S.; Ji, J.; Zhao, H.; Liu, Y.; Xue, M.*	Xue M	非第一完成人(非独立完成)
295	Crystallization of aluminum polycation sulfates: transformation of tetrahedral crystals into block crystals in aqueous solutions	CrystEngComm	2019,21:202	SCI 收录	否	An, G.; Jiang, Y.; Xi, J.; Liu, L.; Wang, P.; Xiao, F.; Wang, D.*	Wang D	非第一完成人(非独立完成)
296	Ambipolar Conjugated Polymers with Ultrahigh Balanced Hole and Electron Mobility for Printed Organic Complementary Logic via a Two-Step C-H Activation Strategy	Advanced Materials	2019,31:1806010	SCI 收录	是	Ni Zhenjie, Wang Hanlin, Zhao Qiang, Zhang Jianqi, Wei Zhixiang, Dong Huanli, Hu Wenping	张建齐;魏志祥	非第一完成人(非独立完成)
297	Management of the crystallization in two-dimensional perovskite solar cells with enhanced efficiency within a wide temperature range and high stability	Nano Energy	2019,58:706	SCI 收录	是	Wu Guangbao, Zhou Jiyu, Zhang Jianqi, Meng Rui, Wang Boxin, Xue Baoda, Leng Xuanye, Zhang Dongyang, Zhang Xuning, Bi Shiqing, Zhou Qian, Wei Zhixiang, Zhou Huiqiong, Zhang Yuan	张建齐;魏志祥	非第一完成人(非独立完成)

298	Modulating morphology via side-chain engineering of fused ring electron acceptors for high performance organic solar cells	Science China-Chemistry	2019,62:790	SCI 收录	否	Zhao Fuwen, He Dan, Xin Jingming, Dai Shuixing, Xue Han, Jiang Li, Wei Zhixiang, Ma Wei, Zhan Xiaowei, Li Yongfang, Wang Chunru	魏志祥	非第一完成人(非独立完成)
299	Reduced graphene oxide-induced crystallization of CuPc interfacial layer for high performance of perovskite photodetectors	Rsc Advances	2019,9:3800	SCI 收录	否	Zou Taoyu, Zhang Jianqi, Huang Shuyi, Liu Chenning, Qiu Renzheng, Wang, Xiaozhi, Wu Wei, Wang Hai, Wei Zhixiang, Dai Qing, Liu, Chuan, Zhang Shengdong, Zhou Hang	张建齐;魏志祥	非第一完成人(非独立完成)
300	Bending induced interlayer shearing, rippling and kink buckling of multilayered graphene sheets	Journal of the Mechanics and Physics of Solids	2019,122:340	SCI 收录	否	Fei Pan, Guorui Wang, Luqi Liu, Yuli Chen*, Zhong Zhang*, Xinghua Shi*	Yuli Chen;张忠;;Xinghua Shi	非第一完成人(非独立完成)