

2018 年度代表性文章

序号	论文名称	发表刊物	影响因子	所属学部	第一作者/通讯作者
1	A Modular Microfluidic Device via Multimaterial 3D Printing for Emulsion Generation	Scientific Reports	4.259	先进制造部	Qinglei Ji/ Huiling Duan
2	Texture evolution and mechanical behaviour of irradiated face-centred cubic metals	Proceedings. Mathematical, physical, and engineering sciences	2.378	先进制造部	Lirong Chen/ Huiling Duan
3	A hierarchical theoretical model for mechanical properties of lath martensitic steels	International Journal of Plasticity	5.502	先进制造部	Long Yu/ Huiling Duan
4	An integrated micro-millifluidic processing system	Lab on a Chip	5.995	先进制造部	Jiaming Zhang/ Huiling Duan
5	An efficient multi-grid finite element fictitious boundary method for particulate flows with thermal convection	International Journal of Heat and Mass Transfer	3.891	先进制造部	Khuram Walayat/ Moubin Liu
6	Dynamics of elliptic particle sedimentation with thermal convection	Physics of Fluids	2.279	先进制造部	Khuram Walayat/ Moubin Liu
7	Powder-scale multi-physics modeling of multi-layer multi-track selective lasermelting with sharp interface capturing method	Computational Mechanics	2.724	先进制造部	Zekun Wang/ Moubin Liu
8	A decoupled finite particle method for modeling incompressible flows with free surfaces	Applied Mathematical Modelling	2.617	先进制造部	Zhilang Zhang/ Moubin Liu
9	Numerical Study on High Velocity Impact Welding Using a Modified SPH Method	International Journal of Computational Methods	0.805	先进制造部	Zhilang Zhang/ Moubin Liu
10	Investigation of explosive welding through whole process modeling using a density adaptive SPH method	Journal of Manufacturing Processes	2.809	先进制造部	Zhilang Zhang/ Moubin Liu
11	Meshfree modeling of a fluid-particle two-phase flow with an improved SPH method	International Journal for Numerical Methods in	2.591	先进制造部	Zhilang Zhang/ Moubin Liu

		Engineering			
12	Predicting the damage on a target plate produced by hypervelocity impact using a decoupled finite particle method	Engineering Analysis with Boundary Elements	2.138	先进制造部	Zhilang Zhang/ Moubin Liu
13	A finite particle method with particle shifting technique for modeling particulate flows with thermal convection	International Journal of Heat and Mass Transfer	3.891	先进制造部	Zhilang Zhang/ Moubin Liu
14	Dynamic shear-lag model for understanding the role of matrix in energy dissipation in fiber-reinforced composites	Acta Biomaterialia	6.383	先进制造部	Junjie Liu/ Xiaoding Wei
15	Size effects in layered composites–Defect tolerance and strength optimization	Composites Science and Technology	5.16	先进制造部	Junjie Liu/ Xiaoding Wei
16	Unraveling crack stability and strain localization in staggered composites by fracture analysis on the shear-lag model	Composites Science and Technology	5.16	先进制造部	Zhongliang Yu/ Xiaoding Wei
17	Optimizing mechanical properties of bio-inspired composites through functionally graded matrix and microstructure design	Composite Structure	4.101	先进制造部	Zhongliang Yu/ Xiaoding Wei
18	Optimization of Damping Properties of Staggered Composites Through Microstructure Design	Journal of Applied Mechanics	2.127	先进制造部	Junjie Liu/ Xiaoding Wei
19	Kirigami-Inspired Deformable 3D Structures Conformable to Curved Biological Surface	Advanced Science	12.441	先进制造部	Chao Yang/ Youfan Hu , Xiaoding Wei (非第一非通讯)
20	Size-dependent formation of membrane nanotubes: continuum modeling and molecular dynamics simulations	Physical Chemistry Chemical Physics	3.906	先进制造部	Falin Tian/Xin Yi
21	Packing of flexible 2D materials in vesicles	Journal of Physics D: Applied Physics	2.373	先进制造部	Guijin Zou/Huajian Gao, Xin Yi (第二作者)
22	Mechanics of cellular packing of nanorods with finite and non-uniform diameters	Nanoscale	7.233	先进制造部	Xin Yi

23	Electrodeformation-Based Biomechanical Chip for Quantifying Global Viscoelasticity of Cancer Cells Regulated by Cell Cycle	Analytical Chemistry	6.042	先进制造部	Yao Teng/Jianyong Huang
24	Real-time on-board recognition of continuous locomotion modes for amputees with robotic transtibial prostheses	IEEE Transactions on Neural Systems and Rehabilitation Engineering	3.41	先进制造部	Qingning Wang
25	Forearm motion recognition with noncontact capacitive sensing	Frontiers in Neurorobotics	2.486	先进制造部	Qingning Wang
26	Single-particle dispersion in compressible turbulence	Physics of Fluids	2.279	先进制造部	Qingqing Zhang/Zuoli Xiao
27	Fully Implicit Chebyshev Time-Spectral Method for General Unsteady Flows	AIAA Journal	1.556	先进制造部	Lei Zhan/Zuoli Xiao
28	Large Eddy Simulation and CDNS Investigation of T106C Low-Pressure Turbine	Journal of Fluids Engineering	1.915	软件仿真部	Chao Zhou
29	Large-Eddy Simulations of Inclined Jets in Crossflow with Different Holes	Journal of Propulsion and Power	1.36	软件仿真部	Chao Zhou
30	An energy-consistency-preserving large eddy simulation-scalar filtered mass density function (LES-SFMD) method for high-speed flows	Combustion Theory and Modelling	1.744	软件仿真部	Yue Yang
31	Effects of the Mach number on the evolution of vortex-surface fields in compressible Taylor-Green flow	Physical Review Fluids	2.02	软件仿真部	Yue Yang
32	Sinuous distortion of vortex surfaces in the lateral growth of turbulent spots	Physical Review Fluids	2.02	软件仿真部	Yue Yang
33	Chlorella zofingiensis as a promising strain in wastewater treatment	Bioresource Technology	5.814/一区	能源技术部	Weiyang Zhao/Feng Chen
34	Novel insight of carotenoid and lipid biosynthesis and their roles in storage carbon metabolism in Chlamydomonas reinhardtii	Bioresource Technology	5.811/一区	能源技术部	Han Sun/ Feng Chen
35	Cost-effective biodiesel	Bioresource	5.807/	能源技术部	Yongjin He/

	production from wet microalgal biomass by a novel two-step enzymatic process	Technology	一区		Feng Chen
36	High-value biomass from microalgae production platforms: strategies and progress based on carbon metabolism and energy conversion	Biotechnology for Biofuels	5.497/ 一区	能源技术部	Han Sun/ Feng Chen
37	A Hetero-Photoautotrophic Two-Stage Cultivation Process for Production of Fucoxanthin by the Marine Diatom <i>Nitzschia laevis</i>	Marine Drugs	4.379/ 三区	能源技术部	Xue Lu/ Chen Feng
38	Screening and identification of inhibitors of advanced glycation endproduct formation from microalgal extracts	Food & Function	3.289/ 一区	能源技术部	Peipei Sun / Feng Chen
39	Effects of light intensity, light quality, and illumination period on cell growth, TFA accumulation, and DHA production in <i>Cryptocodinium</i> sp SUN	Journal of Applied Phycology	2.402/ 三区	能源技术部	Dongzhe Sun / Feng Chen
40	Hierarchically Porous Fe ₂ CoSe ₄ Binary-Metal Selenide for Extraordinary Rate Performance and Durable Anode of Sodium-Ion Batteries	Advanced Materials	21.95	能源技术部	Zeeshan Ali/Yanglong Hou
41	Galvanic Displacement Synthesis of Monodisperse Janus- and Satellite-Like Plasmonic-Magnetic Ag-Fe@Fe ₃ O ₄ Heterostructures with Reduced Cytotoxicity	Advanced Science	12.441	能源技术部	Huilin Zhang/ Xintai Su, Yanglong Hou
42	Ultrathin two-dimensional metallic nanocrystals for renewable energy electrocatalysis	Materials Today	24.537	能源技术部	Mingchuan Luo/Shaojun Guo
43	Stable High-index Faceted Pt Skin on Zigzag-like PtFe Nanowires Enhances Oxygen Reduction Catalysis	Advanced Materials	21.95	能源技术部	Mingchuan Luo/Shaojun Guo
44	Black Phosphorus Nanosheet as a Neuroprotective Nanomedicine for Neurodegenerative Disorder Therapy	Advanced Materials	21.95	能源技术部	Wansong Chen/Shaojun Guo
45	The Marriage of the FeN ₄ Moiety	Advanced	21.95	能源技术部	Zilan

	and MXene Boosts Oxygen Reduction Catalysis: Fe 3d Electron Delocalization Matters	Materials			Li/Shaojun Guo
46	Ultrathin PtPd-Based Nanorings with Abundant Step Atoms Enhance Oxygen Catalysis	Advanced Materials	21.95	能源技术部	Yingjun Sun/Shaojun Guo
47	Pistachio - Shuck - Like MoSe ₂ /C Core/Shell Nanostructures for High-Performance Potassium-Ion Storage	Advanced Materials	21.95	能源技术部	Wei Wang/Shaojun Guo
48	Atomic - Scale Core/Shell Structure Engineering Induces Precise Tensile Strain to Boost Hydrogen Evolution Catalysis	Advanced Materials	21.95	能源技术部	Han Zhu/Shaojun Guo
49	Metallic Graphene - Like VSe ₂ Ultrathin Nanosheets: Superior Potassium-Ion Storage and Their Working Mechanism	Advanced Materials	21.95	能源技术部	Chao Yang/Shaojun Guo
50	Stable High-Index Faceted Pt Skin on Zigzag - Like PtFe Nanowires Enhances Oxygen Reduction Catalysis	Advanced Materials	21.95	能源技术部	Mingchuan Luo/Shaojun Guo
51	Black Phosphorus Nanosheets as a Neuroprotective Nanomedicine for Neurodegenerative Disorder Therapy	Advanced Materials	21.95	能源技术部	Wansong Chen/Shaojun Guo
52	Short-Range Order in Mesoporous Carbon Boosts Potassium-Ion Battery Performance	Advanced Energy Materials	21.875	能源技术部	Wei Wang/Shaojun Guo
53	Ionogel Electrolyte for High-Performance Lithium Batteries: A Review	Advanced Energy Materials	21.875	能源技术部	Nan Chen/Shaojun Guo
54	Wrinkled Rh ₂ P Nanosheets as Superior pH-Universal Electrocatalysts for Hydrogen Evolution Catalysis	Advanced Energy Materials	21.875	能源技术部	Kai Wang/Shaojun Guo
55	Atomically Dispersed Fe-N _x /C Electrocatalyst Boosts Oxygen Catalysis via a New Metal-Organic Polymer Supramolecule Strategy	Advanced Energy Materials	21.875	能源技术部	Zhengpei Miao/Shaojun Guo
56	Ionogel Electrolytes for High - Performance Lithium Batteries: A Review	Advanced Energy Materials	21.875	能源技术部	Nan Chen/Shaojun Guo

57	Sulfur/Oxygen Codoped Porous Hard Carbon Microspheres for High-Performance Potassium-Ion Batteries	Advanced Energy Materials	21.875	能源技术部	Mei Chen/Shaojun Guo
58	Coupled s-p-d Exchange in Facet-Controlled Pd ₃ Pb Tripods Enhances Oxygen Reduction Catalysis	Chem	14.104	能源技术部	Lingzheng Bu/Shaojun Guo
59	Metal Surface and Interface Energy Electrocatalysis: Fundamentals, Performance Engineering, and Opportunities	Chem	14.104	能源技术部	Yong Yang/Shaojun Guo
60	Barrier-free Interface Electron Transfer on PtFe-Fe ₂ C Janus-like Nanoparticles Boosts Oxygen Catalysis	Chem	14.104	能源技术部	Jianping Lai/Shaojun Guo
61	Coupled s-p-d Exchange in Facet-Controlled Pd ₃ Pb Tripods Enhances Oxygen Reduction Catalysis	Chem	14.104	能源技术部	Lingzheng Bu/Shaojun Guo
62	Rational Design of MXene/1T-2H MoS ₂ -C Nanohybrids for High-Performance Lithium-Sulfur Batteries	Advanced Functional Materials	13.325	能源技术部	Yelong Zhang/Shaojun Guo
63	“Tai Chi” philosophy driven rigid-flexible hybrid ionogel electrolyte for high-performance lithium battery	Nano Energy	13.12	能源技术部	Nan Chen/Shaojun Guo
64	Single-Walled Carbon Nanotube Induced Optimized Electron Polarization of Rhodium Nanocrystals To Develop an Interface Catalyst for Highly Efficient Electrocatalysis	ACS Catalysis	11.384	能源技术部	Wenqing Zhang/Shaojun Guo
65	Intermetallic hcp-PtBi/fcc-Pt Core/Shell Nanoplates Enable Efficient Bifunctional Oxygen Reduction and Methanol Oxidation Electrocatalysis	ACS Catalysis	11.384	能源技术部	Yingnan Qin/Shaojun Guo
66	Iridium-Tungsten Alloy Nanodendrites as pH-Universal Water-Splitting Electrocatalysts	ACS Central Science	11.228	能源技术部	Fan Lv/Shaojun Guo
67	Surface and Near-Surface Engineering of PtCo Nanowires at	Chemistry of Materials	9.89	能源技术部	Mingchuan Luo/Shaojun

	Atomic Scale for Enhanced Electrochemical Sensing and Catalysis				Guo
68	A Solid-State Fibriform Supercapacitor Boosted by Host-Guest Hybridization between the Carbon Nanotube Scaffold and MXene Nanosheets	Small	9.598	能源技术部	Chenyang Yu/Shaojun Guo
69	Strongly Coupled Carbon Nanosheets/Molybdenum Carbide Nanocluster Hollow Nanospheres for High-Performance Aprotic Li-O ₂ Battery	Small	9.598	能源技术部	Yi Xing/Shaojun Guo
70	Rational Design of Hierarchical TiO ₂ /Epitaxially Aligned MoS ₂ -Carbon Coupled Interface Nanosheets Core/Shell Architecture for Ultrastable Sodium-Ion and Lithium-Sulfur Batteries	Small Methods		能源技术部	Yong Yang/Shaojun Guo
71	Palladium-based nanoelectrocatalysts for renewable energy generation and conversion	Materials Today Nano		能源技术部	Mingchuan Luo/Shaojun Guo
72	Intermetallic Pd ₃ Pb Nanoplates Enhance Oxygen Reduction Catalysis with Excellent Methanol Tolerance	Small Methods		能源技术部	Kai Wang/Shaojun Guo
73	One-Pot Seedless Aqueous Design of Metal Nanostructures for Energy Electrochemical Applications	Electrochemical Energy Reviews		能源技术部	Jianping Lai/Shaojun Guo
74	Association Between Hypertensive Disorders in Pregnancy and Particulate Matter in the Contiguous United States, 1999-2004	Hypertension	6.823	环境技术部	Tao Xue/ Tong Zhu
75	Cloud condensation nuclei activity of CaCO ₃ particles with oleic acid and malonic acid coatings	Atmospheric Chemistry and Physics	5.509	环境技术部	Mingjin Wang/ Tong Zhu
76	Increment of ambient exposure to fine particles and the reduced human fertility rate in China, 2000-2010	Science of the Total Environment	4.61	环境技术部	Tao Xue/ Tong Zhu
77	Multiphase oxidation of SO ₂ by	Atmospheric	5.509	环境技术部	DefengZhao and

	NO ₂ on CaCO ₃ particles	Chemistry and Physics			Xiaojuan Song/ Tong Zhu
78	NO ₂ -initiated multiphase oxidation of SO ₂ by O ₂ on CaCO ₃ particles	Atmospheric Chemistry and Physics	5.509	环境技术部	TingYu and Defeng Zhao/ Tong Zhu
79	Using X-ray computed tomography and micro-Raman spectrometry to measure individual particle surface area, volume, and morphology towards investigating atmospheric heterogeneous reactions	Journal of Environmental Sciences	3.12	环境技术部	Mingjin Wang and Nan Zheng/ Tong Zhu
80	Acute and chronic effects of ambient fine particulate matter on preterm births in Beijing, China: A time-series model	The Science of the total environment	4.61	环境技术部	Tianjia Guan/Tong Zhu
81	Association between birthweight and ambient PM _{2.5} in the United States: Individually-varied susceptibility and spatial heterogeneity	Environment International	7.297	环境技术部	Tao Xue/ Tong Zhu
82	Association between fertility rate reduction and pre-gestational exposure to ambient fine particles in the United States, 2003-2011	Environment International	7.297	环境技术部	Tao Xue/ Tong Zhu
83	The effects of facemasks on airway inflammation and endothelial dysfunction in healthy young adults: a double-blind, randomized, controlled crossover study	Particle and Fibre Toxicology	6.105	环境技术部	Tianjia Guan and Songhe Hu/Tong Zhu
84	Respiratory and cardiovascular responses to walking down a traffic-polluted road compared with walking in a traffic-free area in participants aged 60 years and older with chronic lung or heart disease and age-matched healthy controls: a randomised, crossover study	Lancet	53.2	环境技术部	Sinharay Rudy/Cullinan Paul
85	Source apportionment of black carbon during winter in Beijing	Science of the Total Environment	4.61	环境技术部	Yue Liu/ Mei Zheng
86	Potassium: A Tracer for Biomass	Aerosol and Air	2.589	环境技术部	Jinting Yu/

	Burning in Beijing?	Quality Research			Mei Zheng
87	Influences of isolated fractions of natural organic matter on adsorption of Cu(II) by titanate nanotubes	Science of The Total Environment	4.61	环境技术部	Wen Liu/Ting Wang
88	Species-specified VOC emissions derived from a gridded study in the Pearl River Delta, China	Scientific Reports	4.122	环境技术部	Ziwei Mo/ Ying Liu
89	Responses of healthy young males to fine-particle exposure are modified by exercise habits: a panel study	Environmental Health	4.43	环境技术部	Chen Xi/Tong Zhu
90	Increment of ambient exposure to fine particles and the reduced human fertility rate in China, 2000-2010	Science of the Total Environment	5.589	环境技术部	Tao Xue/Tong Zhu
91	Effects of disturbance on detonation initiation in H ₂ /O ₂ /N ₂ mixture	Physical Review Fluids	2.442	软件仿真部	Yuan Wang/Zheng Chen
92	Dynamics of elliptic particle sedimentation with thermal convection	Physics of Fluids	2.627	先进制造部	Khuram Walayat/Moubin Liu
93	An efficient multi-grid finite element fictitious boundary method for particulate flows with thermal convection	International Journal of Heat and Mass Transfer	4.346	先进制造部	Khuram Walayat/Moubin Liu
94	Reductive Transformation of Layered-Double-Hydroxide Nanosheets to Fe-Based Heterostructures for Efficient Visible-Light Photocatalytic Hydrogenation of CO	Advanced Materials	26	能源技术部	Yufei Zhao/Ding Ma
95	Insights into interfacial synergistic catalysis over Ni@TiO _{2-x} catalyst toward water-gas shift reaction	Journal of the American Chemical Society	15	能源技术部	Xu Ming/Ding Ma
96	Atomically dispersed Pd on nanodiamond/graphene hybrid for selective hydrogenation of acetylene	Journal of the American Chemical Society	15	能源技术部	Huang, Fei/Ding Ma
97	Solvent tunes the selectivity of hydrogenation reaction over α -MoC catalyst	Journal of the American Chemical	15	能源技术部	Yuchen Deng/Ding Ma

		Society			
98	Highly selective oxidation of methane to methanol at ambient conditions by titanium dioxide-supported iron species	Nature Catalysis		能源技术部	Jijia Xie/Ding Ma
99	Selective production of phase-separable product from a mixture of biomass-derived aqueous oxygenates.	Nature Communications	12	能源技术部	Yehong Wang/Ding Ma
100	Photo-driven syngas conversion to lower olefins over oxygen-decorated Fe ₅ C ₂ catalyst	Chem	18	能源技术部	Wa Gao/Ding Ma
101	Chlorella zofingiensis as a promising strain in wastewater treatment	Bioresource Technology	6.669	能源技术部	Weiyang Zhao/Feng Chen
102	Cost-effective biodiesel production from wet microalgal biomass by a novel two-step enzymatic process	Bioresource Technology	6.669	能源技术部	Yongjin He/Feng Chen
103	Ensemble Neural Networks (ENN): A gradient-free stochastic method	Neural Networks	7.197	能源技术部	Yuntian Chen/Dongxiao Zhang
104	Aerodynamic Interaction Between an Incoming Vortex and Tip Leakage Flow in a Turbine Cascade	Journal of Turbomachinery	2.59	软件仿真部	Chao Zhou
105	Unsteady effects of vortex interaction on tip leakage vortex breakdown and its loss mechanism	Aerospace Science and Technology	2.83	软件仿真部	Kai Zhou/Chao Zhou
106	An integrated micro-millifluidic processing system	Lab On A Chip	6.914	先进制造部	Jia Ming Zhang/Huilin Duan
107	Electrodeformation-Based Biomechanical Chip for Quantifying Global Viscoelasticity of Cancer Cells Regulated by Cell Cycle	Analytical Chemistry	6.35	先进制造部	Yao Teng/Jianyong Huang
108	Polar and conductive iron carbide@ N-doped porous carbon nanosheets as a sulfur host for high performance lithium sulfur batteries	Chemical Engineering Journal	8.355	能源技术部	Yazhou Wang/Yanglong Hou
109	N-doped Carbon Nanosheet Networks with Favorable Active	ACS Energy Lett	16.331	能源技术部	Xiaoxiao Huang/

	Sites Triggered by Metal Nanoparticles as Bifunctional Oxygen Electrocatalysts				Yanglong Hou
110	Au ₃ Cu Tetrapod Nanocrystals: Highly Efficient and Metabolizable Multimodality Imaging-Guided NIR-II Photothermal agents	Nanoscale Horizons	9.095	能源技术部	Zhiyi Wang/ Yanglong Hou
111	Kirigami-Inspired Deformable 3D Structures Conformable to Curved Biological Surface	Advanced Science	15.804	先进制造部	Chao Yang / Xiaoding Wei
112	Rational Design of Hierarchical TiO ₂ /Epitaxially Aligned MoS ₂ -Carbon Coupled Interface Nanosheets Core/Shell Architecture for Ultrastable Sodium-Ion and Lithium-Sulfur Batteries	Small Methods		能源技术部	Yong Yang/Shaojun Guo
113	The Marriage of the FeN ₄ Moiety and MXene Boosts Oxygen Reduction Catalysis: Fe 3d Electron Delocalization Matters	Advanced materials	25.809	能源技术部	Zilan Li/ Shaojun Guo
114	Co ₃ O ₄ /Fe _{0.33} Co _{0.66} P Interface Nanowire for Enhancing Water Oxidation Catalysis at High Current Density	Advanced Materials	25.809	能源技术部	Xiaoyan Zhang/ Shaojun Guo
115	One-Pot Seedless Aqueous Design of Metal Nanostructures for Energy Electrocatalytic Applications	Electrochemical Energy Reviews	1.43	能源技术部	Jianping La/ Shaojun Guo
116	Ultrathin Visible - Light - Driven Mo Incorporating In ₂ O ₃ -ZnIn ₂ Se ₄ Z - Scheme Nanosheet Photocatalysts	Advanced Materials	25.809	能源技术部	Yuguang Chao/ Shaojun Guo
117	Amorphous FeCoPO _x nanowires coupled to g-C ₃ N ₄ nanosheets with enhanced interfacial electronic transfer for boosting photocatalytic hydrogen production	Applied Catalysis B: Environmental	14.229	能源技术部	Zhou Peng/ Guo Shaojun
118	Grafting Benzenediazonium Tetrafluoroborate onto LiNi _x Co _y Mn _z O ₂ Materials Achieves Subzero - Temperature	Advanced Energy Materials	24.884	能源技术部	Zhonghui Sun/ Shaojun Guo

	High - Capacity Lithium - Ion Storage via a Diazonium Soft - Chemistry Method				
119	Crumpled Ir Nanosheets Fully Covered on Porous Carbon Nanofibers for Long - Life Rechargeable Lithium-CO2 Batteries	Advanced Materials	25.809	能源技术部	Yi Xing/ Shaojun Guo
120	Characterization of saccharides and associated usage in determining biogenic and biomass burning aerosols in atmospheric fine particulate matter in the North China Plain	Science of the Total Environment	5.589	环境技术部	Caiqing Yan / Mei Zheng
121	Interactions between water vapor and atmospheric aerosols have key roles in air quality and climate change	Natl. Sci. Rev.	4.25	环境技术部	Zhijun Wu/Yuanhang Zhang
122	New insight into PM2.5 pollution patterns in Beijing based on one-year measurement of chemical compositions	Science of The Total Environment	5.92	环境技术部	Tianyi Tan/ Min Hu
123	Wintertime photochemistry in Beijing: observations of ROx radical concentrations in the North China Plain during the BEST-ONE campaign	Atmospheric Chemistry and Physics	6.13	环境技术部	Zhaofeng Tan / Yuanhang Zhang
124	Explicit diagnosis of the local ozone production rate and the ozone-NOx-VOC sensitivities	Science Bulletin	3.71	环境技术部	Zhaofeng Tan / Yuanhang Zhang
125	Exploring ozone pollution in Chengdu, southwestern China: A case study from radical chemistry to O3-VOC-NOx sensitivity	Science of the Total Environment	5.92	环境技术部	Zhaofeng Tan / Yuanhang Zhang
126	Dispersion relations of elastic waves in two-dimensional tessellated piezoelectric phononic crystals	Applied Mathematical Modelling	3.36	先进制造部	Xiao Guo / Huiling Duan