

会议议程 | Conference Schedule

日期	时间	内容	地点
11月15日	9:00-22:00	报到及注册	国家大学科技园 阿外楼大酒店
11月16日	8:00-11:30	开幕式、大会报告	瓯海区人民政府行政服务中心4号楼2楼 会议室
	12:00	午餐	国家大学科技园餐厅
	13:30-17:40	Carbon Energy 平行分会	国家大学科技园1号楼6楼瑶溪厅、百丈厅、江心厅、楠溪厅
	8:00-17:40	海报展	国家大学科技园1号楼6楼
	13:30-17:15	“人才+资本+技术”产业论坛	国家大学科技园1号楼3楼路演厅
	13:30-17:00	Carbon Energy 青年学子论坛	国家大学科技园1号楼6楼雁荡厅
	18:00	晚餐	阿外楼大酒店国宴1厅
	11月17日	8:20-11:50	Carbon Energy 平行分会
9:00-11:30		Carbon Energy 编委会议	国家大学科技园1号楼1楼多功能会议厅
12:10		午餐	国家大学科技园餐厅
13:30-16:10		Carbon Energy 大会报告	温州市国家大学科技园1号楼1楼路演厅
16:10-16:35		Wiley 科技论文出版研讨会	温州市国家大学科技园1号楼1楼路演厅
16:35-17:00		颁奖、闭幕式	温州市国家大学科技园1号楼1楼路演厅
11月18日	返程		

Day 1: AM, 16 November

开幕式、大会报告

8:00-11:30 主持人

地点:瓯海区人民政府行政服务中心 4 号楼 2 楼会议室

8:00-8:20 播放温州、瓯海区、温州大学宣传片

8:20-8:25 大会主持人致欢迎词

8:25-8:35 温州市领导致辞

8:35-8:45 瓯海区领导致辞

8:45-8:50 浙江省自然科学基金委宣晓东主任致辞

温州大学校领导

8:50-9:00 温州大学领导致辞

9:00-9:10 大会主席、Carbon Energy 主编王舜教授致辞

大会签约和启动仪式

9:10-9:20 1. 《Carbon Energy》首刊发布启动仪式

2. 高层次人才入驻国家大学科技园签约仪式

9:20-9:30 中场休息

大会报告

9:30-10:00

孙学良院士: 全固态电池: 界面与电解质材料的挑战与展望

唐智勇教授

大会报告

10:00-10:30

卢云峰教授: 从智人到人工智能: 材料科技工作者如何实现新跨越?

大会报告

10:30-11:00

唐智勇教授: 基于纳米多孔材料的高效膜分离

孙学良院士

大会报告

11:00-11:30

王训教授: 亚纳米新材料的设计合成与产业化应用

Day 1: PM, 16 November

平行分会 时间: 2019年11月16日 13:30-17:40 地点: 温州市国家大学科技园六楼各会议室

Session 1, 2: **电化学能源存储与转换** Electrochemical energy storage and conversion

Session 3: **新型碳材料** Novel carbon materials

Session 4: **光电催化与光电转换** Photocatalysis and photoconversion

	Parallel Session 1	Parallel Session 2	Parallel Session 3	Parallel Session 4
13:30-15:30	科技园六楼瑶溪厅	科技园六楼百丈厅	科技园六楼江心厅	科技园六楼楠溪厅
	Chair: Zhong Jin/Yinzhu Jiang	Chair: Yu Chen/Yongquan Qu	Chair: Liangti Qu /Lixue Zhang	Chair: Chuanyi Wang/Jinlan Wang
13:30-13:50	One Dimensional Nanomaterials for Emerging Energy Storage	Metal-organic Framework Derived Nanomaterials for Energy Storage and Conversion	Carbon-based Nanocages: A New Platform for Advanced Energy Storage and Conversion	S-Scheme Heterojunction Photocatalyst for Solar Fuel Production
	Liqiang Mai	Ruqiang Zou	Zheng Hu	Jiaguo Yu
13:50-14:10	Electrode Design Through Chemical Vapor Deposition for Rechargeable Batteries	Oxygen Electrochemistry in Aprotic Li-O ₂ Batteries: A Model Study at Gold DMSO Interface	Some Energy Devices of The Graphene Assembly	Computation-aided Design of Novel Materials for Energy Conversion
	Yinzhu Jiang	Zhangquan Peng	Liangti Qu	Jinlan Wang
14:10-14:30	Template-based Functional Nanostructures for Energy Storage Devices	Interfacial Control of Metal Nanostructures for Electrocatalysis	Ultralong Carbon Nanotubes: Structure, Synthesis and Properties	Nanoscale Photoactive Materials: Structural Modulation and Surface Chemistry
	Yong Lei	Yu Chen	Rufan Zhang	Chuanyi Wang
14:30-14:50	Carbon-based Materials for Alkali Metal-ion Batteries	Adsorption and Transportation Events on The Surfaces of Electrocatalysts for Water Splitting	Construction and Regulation of Cobalt-based Nanostructured Electrocatalysts	Bioinspired Layered Nanocomposites
	Zaiping Guo	Yongquan Qu	Lixue Zhang	Jianfeng Wang

Time	Parallel Session 1	Parallel Session 2	Parallel Session 3	Parallel Session 4
14:50-15:10	Aqueous Organic Redox Flow Batteries and “Slurry” Batteries for Large-scale and Sustainable Applications	Porous Metallic Electrocatalysts	Toolbox for Atomically Doped Carbon Materials	Photocatalytic And Photoelectrochemical Water Splitting Using Oxysulfide Semiconductor Materials
	Zhong Jin	Liang Wang	Guoxin Zhang	Guijun Ma
15:10-15:30	Crystalline Domain Battery Materials	Carbon-based Nanocages: Novel Energy Storage and Catalytic Materials	Design and Modification of Carbon Nanostructures for Advanced Electrode Materials	Interface Engineering for Efficient and Stable Polymer Solar Cells
	Haijun Yu	Xizhang Wang	Xinglong Wu	Zhan'ao Tan
15:30-15:40	Coffee Break			
15:40-17:35	Chair: Shanqing Zhang/Haiyan Wang	Chair: Chuanxin He/Xiehong Cao	Chair: Jinhu Yang/Zhen Zhou	Chair: Min Liu/Ying Wang
	Sustainable Polymerization for Energy Storage Devices	Synthetic Chemistry on Multi-functional Structural Systems	Carbon-based Substrates for Electrocatalysts	Supramolecular Photocatalysts for Pollutant Degradation, Water Split and Tumor Removal
15:40-16:00	Shanqing Zhang	Dan Wang	Zhen Zhou	Yongfa Zhu
	Development and Facing Challenge of Lithium-rich Cathode Materials of Li-ion Battery	Controllable Synthesis of Lattice-strained Alloy Nanostructures for Enhancing Their Electrocatalytic Properties	Nanoengineering Hollow Structured Carbon Spheres as Nanoreactors for Sustainable Energy Applications	Enhanced Catalytical Reaction via Field Induced Effect
16:00-16:20	Xianyou Wang	Lin Yang	Jian Liu	Min Liu
	Improving the Energy Density of Sodium Ion Battery: Focusing on The Initial Coulombic Efficiency	Novel Hierarchical Structures Based on Two-dimensional Materials: Preparation and Energy-related Applications	Carbon-based Low-stress Electrode Materials for Electrochemical Energy Storage	Investigation of Selective Photocatalytic CO ₂ Reduction Into CH ₄
16:20-16:40	Haiyan Wang	Xiehong Cao	Jinhu Yang	Yuechang Wei

Time	Parallel Session 1	Parallel Session 2	Parallel Session 3	Parallel Session 4
16:40-17:00	Rationally Designed Cathode Materials for Lithium-sulfur Batteries	Structure Design and Performance Regulation of Composite Electrocatalysts by Interface Enhancement	Directed Synthesis of Hierarchical Self-supported Carbon Arrays for Energy Storage and Conversion	The Role of Activity, Selectivity and System in Electrocatalysis
	Zhen Li	Chuanxin He	Mingfei Shao	Ying Wang
17:00-17:20	Fabrication and Electrochemical Research of Flexible Wearable Energy Storage Materials	Research and Application of High Efficiency Electrochemical Energy Storage Materials for Nonferrous Metals	Design, Preparation and Lithium Storage (Sodium) Performance of MOF-based Functional Porous Carbon Nanocomposites	Research on Carbon-based Composites in Solar Steam and Thermoelectric Generator
	Bin Wang	Xiongwei Wu	Junhao Zhang	Yanfen Wan
17:20-17:40	Study on Electrode/Electrolyte Interface for High Energy Rechargeable Li Metal Batteries	Design of Solid Electrolytes Suitable for Ni-rich Cathode and the Interfaces Study	Biomorphic Derivative Carbon-based Composites and Their Electrochemical Properties	Stable Li/Na Metal Anodes for Rechargeable Alkali Metal Batteries with High Specific Energy
	Shuhong Jiao	Xian-Xiang Zeng	Xingmei Guo	Huan Ye
18:00	晚餐			
	地点: 阿外楼酒店国宴 1 厅			

Day 1: PM, 16 November

“产业-技术-资本”对接会会场

地点：温州市瓯海区国家大学生科技园三楼路演厅 时间：2019年11月16日 13:30--17:15

序号	时间	议程	主持人/主持单位
1	13:30-13:40	专家、风投方代表、企业家代表报到	
2	13:40-13:45	主持人致欢迎词	瓯海区人才办/高教
3	13:45-13:50	领导致辞（园区/人才办）	园区/科技园领导
4	13:50-14:00	园区/瓯海人才办 人才引进政策宣讲	
5	14:00-14:30	邢巍：直接甲醇燃料电池便携式电源技术开发及产业化	
6	14:30-15:00	高超：石墨烯产业化的三生之路	园区领导
7	15:00-15:15	休息	
8	15:15-15:45	郭林：组织匹配的牙冠修复体材料的研发与制造	
9	15:45-16:15	张铁锐：先进异味 VOCs 净化材料及设备的产业化	园区领导
10	16:15-16:45	师冰洋：新型中药膏贴及相关产品产业化	
11	16:45-17:15	张伟明：面向产业的电化学及膜过程关键技术与装备	

Day 1: PM, 16 November

青年学子论坛会场 时间: 2019年11月16日 13:30-17:00 地点: 国家大学科技园六楼雁荡厅

序号	时间	姓名	题目	学校
1	13:30-13:40	Long Zhang	Nickel-cobalt Double Hydroxide as A Multifunctional Mediator for Ultrahigh-rate and Ultralong-life Li-s Batteries	Peking University
2	13:40-13:50	Linghui Yu	An Investigation on the Relationship Between the Stability of Lithium Anode and Lithium Nitrate in Electrolyte	Nanyang Technological University
3	13:50-14:00	Qin Ran	Preparation of Bifunctional Magnetic Fluorescent Nanocomposite Fe ₃ O ₄ @CDs Microspheres	Chongqing University of science and technology
4	14:00-14:10	Bin Zhu	Preparation of Porous Carbons from Biomass Waste and Their Application in Supercapacitors	Ningbo Institute of Materials Technology & Engineering,CAS
5	14:10-14:20	Zhongyuan Zhou	Modulating Oxygen Vacancies in Sn-doped Hematite Film Grown on Silicon Microwires for Photoelectrochemical Water Oxidation	Soochow University
6	14:20-14:30	Yingjie Du	Construction of 3D Nanoarchitectural Porous Carbon Supported Carbon Nanotubes@CoP with Enhanced Lithium Ions Storage Performance	Ningxia University
7	14:30-14:40	Zhuo Chen	A Facile Strategy to Prepare (N, NI, P) Tridoped Echinus-like Porous Carbon Spheres as Advanced Anode for Lithium Ion Batteries	Ningxia University
8	14:40-14:50	Binshu Sun	Development of the Novel Highly Stable Synergistic Quaternary Photocatalyst for Efficient Hydrogen Evolution	Wenzhou University
9	14:50-15:00	Daofu Wu	Enhanced Performance of Visible-light-driven Photocatalytic Removal of NO ₂ by Composite Graphene Oxide with CsPbBr ₃ Perovskite Quantum Dot	Chongqing University

序号	时间	姓名	题目	学校
10	15:00-15:10	Liu Wan	A Novel Strategy to Prepare N, S-codoped Porous Carbons Derived from Barley with High Surface Area for Supercapacitors	Huanggang Normal University
11	15:10-15:20	YunLing Wu	Ultradispersed Wxc Nanoparticles Enable Fast Polysulfide Interconversion For High-performance Li-s Batteries	Soochow University
12	15:40-15:50	Miao Wang	Weakening Hydrogen Adsorption on Nickel via Interstitial Nitrogen Doping Promotes Bifunctional Hydrogen Electrocatalysis in Alkaline Solution	Soochow University
13	15:50-16:00	Jing Mao	Ultra-dense NIS ₂ /reduced Graphene Oxide Composite Cathode for High-volumetric/gravimetric Energy Density Nickel-zinc Batteries	Zhejiang University of Technology
14	16:20-16:30	Junping Zhao	A Microim Pinging Stream Reacto for The Controllable Synthesis of Ni-Co-O-B as Supercapacitor Electrode Materials	Wenzhou University
15	16:30-16:40	Shengjue Deng	Synergistic Doping and Intercalation: A New Way To Realize Deep Phase Modulation on MoS ₂ Arrays for High-efficiency Hydrogen Evolution Reaction	Zhejiang University
16	16:40-16:50	Dan Chan	Titanium Silicalite as a Radical-redox Mediator for High-energy-density Lithium-sulfur Batteries	Wenzhou University
17	16:50-17:00	Xiaobin Gao	Large Scale Formation of MnO ₂ Nanosheet-assembled Hollow Polyhedron on Carbon Clothes for Flexible Aqueous Zn-ion Battery	Zhejiang University of Technology

Day 2: AM, 17 November

平行分会 时间: 2019年11月17日 8:20-12:10 地点: 温州市国家大学科技园六楼各会议室

Session 1, 2: 电化学能源存储与转换 Electrochemical energy storage and conversion

Session 3: 新型碳材料 Novel carbon materials

Session 4: 光电催化与光电转换 Photocatalysis and photoconversion

Parallel Session 1

Parallel Session 2

Parallel Session 3

Parallel Session 4

8:20-10:20

科技园六楼瑶溪厅

科技园六楼百丈厅

科技园六楼江心厅

科技园六楼楠溪厅

Chair: Yongsheng Hu/Juchen Guo

Chair: Liangxin Ding/Jun Yang

Chair: Chao Gao/Shenglin Xiong

Chair: Shanmin Gao/Fuxiang Zhang

8:20-8:40

Low-cost Sodium Ion Battery

Investigation of Heterogeneous Molecular Structure for Electrocatalysis Applications

From Graphene to Other Two-dimensional Materials: Gelation and Densification

Nanostructured Layered Double Hydroxide Based Photocatalysts for Solar Fuels and Value-added Chemicals

Shulei Chou

Xin Wang

Quanhong Yang

Tierui Zhang

8:40-9:00

Disordered Carbon Anodes with Both High Capacity and Coulombic Efficiency for Na-ion Batteries

Copper Nanocomposites Synthesized through Oscillatory Electrochemical Reactions for the Enhanced Hydrogen Production

Wearable and Flexible Electronic Strain Sensor

Ag/AgCl Modified Flexible Carbon Foams for Highly Efficient Solar-driven Water Evaporation

Yongsheng Hu

Jichang Wang

Xiaocheng Dong

Shanmin Gao

9:00-9:20

Developing New Monovalent and Multivalent Intercalation Secondary Batteries

Controllable Synthesis of Amorphous VIII Nanomaterials with High Catalytic Activity in Oxygen Evolution Reaction

Macro-assembled Graphene

Overall Water Splitting of Particulate Photocatalysts with Wide Visible Light Utilization

Chuan Wu

Lin Guo

Chao Gao

Fuxiang Zhang

Time	Parallel Session 1	Parallel Session 2	Parallel Session 3	Parallel Session 4
9:20-9:40	Ultra-long Life Li-rich $\text{Li}_{1.2}\text{Mn}_{0.6}\text{Ni}_{0.2}\text{O}_2$ Cathode by Surface Modification for Lithium-ion Batteries	Electrocatalytic Reduction of Nitrogen to Ammonia	Construction and Energy Storage of Carbon-based Mesoscopic Assembly Structure	Developing Efficient Ternary Oxide Photoanodes With Long-term Stability for Practical Solar Water Splitting
	Zhan Lin	Liangxin Ding	Shenglin Xiong	Yongbo Kuang
9:40-10:00	High-performance Silicon-carbon Composite Anode Materials Towards Practical Standards	Selective Electrocatalysts toward Direct Methanol Fuel Cells Using High-concentration Methanol as Fuel	In Situ Topographical, Chemical and Electrical Imaging of Carboxyl Graphene Oxide at the Nanoscale	Extreme-environment enabled advanced nano-manufacturing and energy applications
	Juchen Guo	Jun Yang	Weitao Su	Ya'nan Chen
10:00-10:20	Construction of high volumetric energy density Li-S batteries based on non-carbon matrixes	Effects of Pore Structure of 3D Carbon Materials on the Electrocatalytic Properties	Carbon-based Heterostructures for Energy Storage and Conversion: Architecture Design And In-situ Synthesis	Modification of g- C_3N_4 and enhancement of photocatalytic H_2 evolution performance
	Zhubing Xiao	Wei Chen	Yue Lin	Quanlong Xu
10:20-10:30	Coffee Break			
10:20-17:50	Chair: Xianfeng Li/Xiaosi Zhou	Chair: Lin Xu/Baoliang Lv	Chair: Jilei Liu/Xiujun Fan	Chair: Zhengyu Bai/Bao Li
10:30-10:50	Flow Battery for Large Scale Energy Storage	Microstructure Design on Mxene Composites for Improved Electrochemical Performanc	Structure regulation of rich carbon nanomaterials and its application in energy field	Electrochemical Utilization of CO_2 : from Electrocatalysis to Photoelecctrocatalysis and Energy Storage
	Xianfeng Li	Longwei Yin	Linjie Zhi	Yanguang Li
10:50-11:10	Harnessing the Unique Properties of 2d Materials to Create Dendrite-free Lithium Anodes	Rational Synthesis of Cost-effective and High-performance Electrocatalysts	Potassium Storage Mechanism and Properties in Graphite	Biomimetic Design and Synergistic Catalytic Mechanism of Nano-assembled Structures with Multi-active Sites
	Shubin Yang	Lin Xu	Jilei Liu	Zhengyu Bai

Time	Parallel Session 1	Parallel Session 2	Parallel Session 3	Parallel Session 4
11:10-11:30	High Performance Sn-based and Sb-based Anodes for Energy Storage	N, O, Ni Doped Amorphous Mosx for Electrochemical Hydrogen Evolution	CVD Electrocatalysts and Their Electrochemical Properties Studies	Synthesis, Structure and Performances of Li-riched Manganese Oxide from Nanoplate Precursor Doped by K and Sn Ions
	Xiaosi Zhou	Baoliang Lv	Xiujun Fan	Bao Li
11:30-11:50	Lithiophilicity Chemistry of Heteroatom-doped Carbon Hosts to Guide Uniform Lithium Nucleation in Lithium Metal Batteries	Potential-dependent Double Resonance Sum Frequency Generation Spectroscopy as In Situ Probe of Electronic Structure at Electrochemical Interface	Chirality-controllable Growth of Single-walled Carbon Nanotubes Using Transition Metal Dichalcogenide Monolayers	Resolving Optical and Catalytic Activities in Thermoresponsive Nanoparticles by Permanent Ligation with Temperature-sensitive Polymers
	Qiang Zhang	Shuo Yang	Yue Hu	Yihuang Chen
12:00	<p>午餐</p> <p>地点：国家大学生科技园餐厅</p>			

Day 2: PM, 17 November

13:30-17:10	大会报告、Wiley 科技论文出版研讨会、颁奖、闭幕式 地点：温州国家大学科技园 1 号楼 1 楼路演厅	主持人
13:30-14:00	大会报告 成会明院士： Efficient Exfoliation of 2d Materials in Large Scale	
14:00-14:30	大会报告 张华教授： Phase Engineering of Nanomaterials (PENs)	姚向东教授
14:30-15:00	大会报告 马紫峰教授： Development Opportunities and Challenges of Sodium-ion Batteries	
15:00-15:10	休息	
15:10-15:40	大会报告 黄云辉教授： Discussion on Safety of Rechargeable Batteries from 2019 Nobel Prize in Chemistry	张华教授
15:40-16:10	大会报告 姚向东教授： Defect Electrocatalysis	
16:10-16:20	Wiley 科技论文出版研讨会 Wiley 集团中国区科技出版及学会合作副总监张大平先生 全球科技出版现状及未来	
16:20-16:30	Advanced Energy Materials, Advanced Functional Materials 编辑沈睦贤博士 科技论文的推广与宣传	徐广臣博士
16:30-16:35	Carbon Energy 主编王舜教授 Carbon Energy 专刊发布及编委、编辑、作者见面会	
16:35-17:05	颁奖、闭幕式 地点：温州国家大学科技园 1 号楼 1 楼路演厅	
16:35-16:45	大会主席徐广臣先生致辞	王舜教授
16:45-16:55	优秀青年学子奖颁奖仪式、优秀海报奖颁奖仪式	
16:55-17:00	闭 幕	

海报展 时间：2019年11月16-17日 地点：温州市国家大学科技园1号楼六楼

海报序号	姓名	题目	单位
1	Xuemin Hu	Size and Composition Effects in NSPC/CeO ₂ /S Composites for Lithium-ion Batteries	Nanjing University of science and technology
2	Yi Guan	Two Dimension ZIF-derived Ultra-thin Cu-N/C Nanosheets as High Performance Oxygen Reduction Electrocatalysts for High-performance Zn-air Batteries	Shenzhen University
3	Nan Li	Engineering Anion Chemistry Adjust Growth of MOF Assemblies Derived MoP/Co ₂ P Nanoparticles Embedded Carbon Nanosphere as High-performance Electrocatalyst Towards Efficient Water Splitting	Shenzhen University
4	Awu Zhou	A LeafF-bracch TiO ₂ /Carbon@MOF Composite For Selective CO ₂ Photoreduction	Beijing University of Technology
5	Xinye Li	Facile Synthesis of Ultra-small Few-layer Nanostructured MoSe ₂ Embedded on N, P Co-doped Bio-carbon for High-performance Half/Full Sodium-Ion and Potassium-Ion Batteries	Fujian Normal University
6	Qingjie Lu	Mesopore-rich Carbon Nanosheets Derived from Lotus Leaves and It's Ultrahigh Performance for Supercapacitors	Yunnan University
7	Zhenzhen Liu	Na _{0.71} CoO ₂ Promoted Sodium Uptake Via Faradaic Reaction for Highly Efficient Capacitive Deionization	Ningxia University
8	Binshu Sun	Development of the Novel Highly Stable Synergistic Quaternary Photocatalyst for Efficient Hydrogen Evolution	Wenzhou University
9	Haoyu Zhao	Lotus-inspired Evaporator with Janus Wettability and Bimodal Pores for Efficient and Endurable Evaporation	University of Science and Technology of China
10	Yanqiu Lei	Preparation of Graphitic Porous Carbon from Salix and Their Applications in Electrocatalytic Oxygen Reduction	Inner Mongolia University
11	Benjun Huo	Amino-mediated FAPbBr ₃ Perovskite Quantum Dots for Photocatalytic Reduction of NO	Chongqing University
12	Xin Zeng	Doubling the Efficiency of Electrochemical Modification of Copper Electrodes for the Enhanced Hydrogen Evolution Reaction	Beijing University of Technology
13	Jialing Wu	Cobalt Atoms Dispersed on Hierarchical Carbon Nitride Support as The Cathode Electrocatalyst for High-performance Lithium-polysulfide Batteries	Soochow University

海报序号	姓名	题目	单位
14	Xiaodong Qiao	A Multifunctional Photoanode Made of Titania Submicrospheres and Titania Nanoparticles Modified Titania Nanotube Arrays on Fto Glass for Dye-sensitized Solar Cells	Hainan Normal University
15	Sijia Di	Interlayer-expanded MoS ₂ Assemblies for Enhanced Electrochemical Storage of Potassium Ions	Soochow University
16	Ruijue Hu	Mesoporous Carbon Supported K-Co-MoS ₂ for Catalytic Hydrogenation of Carbon Monoxide to Mixed Alcohols	Inner Mongolia University
17	Linghui Yu	An Investigation on the Relationship Between the Stability of Lithium Anode and Lithium Nitrate in Electrolyte	Nanyang Technological University
18	Yihuang Chen	Resolving Optical and Catalytic Activities in Thermoresponsive Nanoparticles Via Permanent-ligating with Temperature-sensitive Polymers	Wenzhou University
19	Junping Zhao	A Microim Pinging Stream Reacto for the Controllable Synthesis of Ni-Co-o-b as Excellent Supercapacitor Electrode Materials	Wenzhou University
20	Xinyi He	Metal–Organic Frameworks Derived Porous Carbon-encapsulated Cobalt Selenide Nanowires Arrays for Flexible Supercapacitors	Shanghai Institute of Technology
21	Zhengxu Bian	Preparation and Lithium Storage Performances of G-C ₃ N ₄ /si Nanocomposites as Anode for Lithium-ion Battery	Jiangsu University of science and technology
22	Jinfeng Xie	MOF- Derived Nitrogen-doped Porous Carbon as Sulfur Carrier for Lithium-sulfur Battery	Jiangsu University of science and technology
23	Wei Zhang	Co ₃ O ₄ on Fe, N-doped Bio-carbon Substrate as Electrocatalyst for Oxygen Reduction Reaction	Jiangsu University of science and technology
24	Jin Xu	Study on Thermal Conductivity of Paraffin/Expanded Graphite Composite Phase Change Materials	Qingdao University of science and technology
25	Jiangshan Gao	Dispersed CNTs Networks on Nickle Foam@NiCo ₂ O ₄ Electrode with Enhanced Performance for Supercapacitor	Qingdao University of science and technology
26	Dan Chan	Titanium Silicalite as a Radical-redox Mediator for High-energy-density Lithium-sulfur Batteries	Wenzhou University

海报序号	姓名	题目	单位
27	Xinwei Ding	Biomimetic Molecule Catalysts to Promote the Conversion of Polysulfides for Advanced Lithium-sulphur Batteries	Wenzhou University
28	Yonggui Zhang	Interfacial Molecule Mediators in Cathodes for Advanced Li-S Batteries	Wenzhou University
29	Xuemei Zhou	Synthesis of Electro-catalysts with High Hydrogen Evolution Activity Using a Sacrificial Counter Electrode	Wenzhou University
30	Chenxiang Liu	Highly Dispersed Tungsten Nitride Nanoparticles Anchored on 2d-bcn as Anodes for Lithium-ion Batteries	Qingdao University
31	Jingjie Liu	Hierarchical MnO ₂ Nanosheet Arrays on Ni Foam as an Anode for Lithium-ion Batteries	Henan normal university
32	Yang Yuan	Rational Design of Dodecahedral MnCo ₂ O ₄ Hollowed - out Nanocages as Efficient Bifunctional Electrocatalysts for Oxygen Reduction and Evolution	Henan Normal University