

## Section A Structure, modelling, and analytics of cellulose-based materials

Saturday 21 September

Venue: Diamond Ballroom I , Floor 2, Crowne Plaza Chengdu West

Time	Topic	Speaker	Institute	Presentation
13:30-13:50	Cellulose Nanocrystals for Optical Communication Materials	Yan Xu	Jilin University	Invited Talk
13:50-14:10	Impact of common post-hydrolysis treatments on the morphology of cellulose nanocrystals and their suspension properties	Bruno Frka-Petesic	University of Cambridge	Invited Talk
14:10-14:30	Very small angle neutron scattering and its application in cellulose field	He Cheng	Spallation Neutron Source Science Center	Invited Talk
14:30-14:50	Probing an oil-water interface stabilized by colloidal Cellulosic particles	Isabelle Capron	French National institute for Agriculture	Invited Talk
14:50-15:10	Multiscale structural investigation of cellulose nanocrystal nanocomposites obtained via ultrafiltration and UV cross-linking	Bruno Jean	CERMAV-CNRS	Invited Talk
15:10-15:30	Lifecycle of cellulose meets acid: mechanisms and utilizations of monodisperse cellulose oligomers	Wei Li	Beijing institute of technology	Invited Talk
15:30-15:45	<b>Tea Break</b>			
15:45-16:05	Structure Formation in Thin Cellulose Films	Howard Wang	University of Maryland	Invited Talk
16:05-16:25	Molecular configuration and inter-molecular interactions of xylan-derived crystals	Zhouyang Xiang	South China University of Technology	Invited Talk
16:25-16:45	Quantifying the role of London dispersion interaction and intra/inter-chain hydrogen bond to the mechanical properties of cellulose	Pan Chen	Beijing Institute of Technology	Invited Talk
16:45-17:00	Investigation of the nano-structure of lignocellulose-based composites by using X-ray scattering/diffraction	Lengwan Li	Beijing University of Chemical Technology	Oral Presentation
17:00-17:15	Quantifying the Inter-molecular Energy in Cellulose I and Chitin	Lingfeng Zhou	Beijing Institute of Technology	Oral Presentation
17:15-17:30	The influence of relative humidity on the physicochemical environment of moisture in wood cell wall	Jingyu Li	Beijing Institute of Technology	Oral Presentation

Sunday 22 September

Venue: Diamond Ballroom I , Floor 2, Crowne Plaza Chengdu West

Time	Topic	Speaker	Institute	Presentation
08:30-08:50	Lignin structure and hydration properties and its effect on swelling properties of wood: Molecular and Finite Element modeling	Malin Wohlert	Uppsala University	Invited Talk
08:50-09:10	Cellulose plastification by high-pressure shear and supramolecular regulation	Guangjie Song	Institute of Chemistry	Invited Talk
09:10-09:30	Study on the microstructure evolution of regenerated cellulose gel during drying	Hailong Li	Dalian University of Technology, Institute of Chemistry Chinese Academy of	Invited Talk
09:30-09:50	Surface energy-internal stress compensation in swelling and drying of cellulose	Yoshiharu Nishiyama	CERMAV-CNRS	Invited Talk
09:50-10:10	Elucidating the hydrogen bond interactions in a binary inorganic salt hydrate system for cellulose fiber swelling or dissolution	Chao Duan	Shaanxi University of Science & Technology	Invited Talk
10:10-10:25	<b>Tea Break</b>			
10:25-10:45	Confined water in cellulose materials studied by molecular simulation	Jakob Wohlert	KTH Royal Institute of Technology	Invited Talk
10:45-11:05	Dissolution of cellulose in deep eutectic solvent (DES) system	Ruigang Liu	Institute of Chemistry, Chinese Academy of Sciences	Invited Talk
11:05-11:25	SAXS from cellulose solution: interchain effects	François Boué	Laboratoire Léon Brillouin CNRS-CEA-UPSaclay	Invited Talk
11:25-11:45	Dissolution of Cellulose in Basic Aqueous Solution and Solution Property	Ang Lu	Wuhan University	Invited Talk
11:45-12:05	Deprotonation of cellulose. Clues from model molecules by electrophoretic NMR	Istvan Furo	KTH Royal Institute of Technology	Invited Talk
12:05-13:20	<b>Lunch</b>			
13:30-13:50	Green chemistries to introduce disulfide groups onto cellulose nanocrystals: toward biosourced fillers for rubber materials	Matthieu FUMAGALLI	Université Claude Bernard Lyon 1	Invited Talk
13:50-14:10	Isolation, structural characterization, and chemical modification of xylan	Feng Peng	Beijing Forestry University	Invited Talk
14:10-14:30	Insights into plant cellulose nanofibrils assembly and catalysis for biomass saccharification and nanomaterial renovation	Liangcai Peng	Hubei University of Technology	Invited Talk
14:30-14:50	Assembling of Nanocelluloses into Advanced Structures	Xuan Yang	Zhejiang University	Invited Talk
14:50-15:05	Wood Cellulose Nanotechnology with Scalable H2O2 Electrosynthesis for Solid Electro-Fenton Strategy	Detao Liu	South China University of Technology	Oral Presentation
15:05-15:20	Quantifying the Contribution of Dispersion Interaction and Hydrogen Bond to the Anisotropic Elastic Properties of Chitin and Chitosan	Yiwei Li	Beijing Institute of Technology	Oral Presentation
15:20-15:35	<b>Tea Break</b>			
15:35-15:50	Amino-functionalized Nanocellulose Derived Flexible Elastomer for Cryptographic Information Transmission and Triboelectric Nanogenerators	Huangjingyi Chen	Nanjing Forestry University	Oral Presentation
15:50-16:05	Colloidal stability of carbon nanomaterials suspended in water: Processing and application as energy materials	Tianyu Guo	Univerisity of British Columbia	Oral Presentation
16:05-16:20	Preparation of Intrinsically Flame-Retardant Bamboo Fiber Nanofibers via P/N/S Synergistic Deep Eutectic Solvent: Structural Analysis and Applications Exploratory	Jierui Ye	Beijing Institute of Technology	Oral Presentation
16:20-16:35	Re-Designing Cellulosic Core-Shell Composite Fibers for Advanced Photothermal and Thermal-Regulating Performance	Zihuan Zhang	Zhejiang University	Oral Presentation
16:35-16:50	Cell wall nanoengineering enabling magneto-mechano smart wood-based cellulosic films	Shuai Wu	Nanjing Forestry University	Oral Presentation
16:50-17:05	Dynamic Interface Construction and Functional Enhancement of Cellulose-based Ordered Materials	Xinkai Li	Sichuan University	Oral Presentation
17:05-17:20	A Cellulose-based Bioinspired Gradient Electromagnetic Wave Absorbing Structural Material	Zhaoxiang Liu	University of Science and Technology of China	Oral Presentation

Monday 23 September

Venue: Diamond Ballroom I , Floor 2, Crowne Plaza Chengdu West

Time	Topic	Speaker	Institute	Presentation
08:30-08:45	Preparation of antioxidant materials by grafting poly-eugenol on cellulose surface	Shibo Yu	School of Materials Science and Engineering Beijing Institute of Technology	Oral Presentation
08:45-09:00	Cellulose-Based Colorimetric/Ratiometric Fluorescence Sensor for Visual Detecting Amines and Anti-Counterfeiting	Cuihuan Li	Beijing Forestry University	Oral Presentation
09:00-09:15	Monodisperse cellulose oligomers regulate spatial distance of hemin-based artificial enzymes for enhanced catalysis	Boya Yuan	Beijing Institute of Technology	Oral Presentation
09:15-09:30	Biomass thermal insulation aerogel fiber	Zirong Liu	Wuyi Unniversity	Oral Presentation
09:30-09:45	Frost-resistant nanocellulose-based organohydrogel with high mechanical strength and transparency	Zifei Yan	Nanjing Forestry University College	Oral Presentation
09:45-10:00	In-situ synthesis of nanocellulose-based SERS substrate combined with MIP for selective detection of pesticide residues	Wen Deng	Nanjing Forestry University	Oral Presentation
10:00-10:15	A honeycomb-like hydrogel in-situ constructed by Streptococcus zooepidemicus and TOCN for the proliferation of bacteria	Xueyu Tang	Nanjing Forestry University	Oral Presentation
10:15-10:30	<b>Tea Break</b>			
10:30-10:45	Rationally Designed Cellulose Hydrogel for Ultrasensitive Pressure Sensor	Minzhang Chen	Wuhan University	Oral Presentation
10:45-11:00	Facile preparation of eco-friendly plastic from rosin modified microcrystalline cellulose for food packaging	Gong Sijie	Nanjing Forestry University	Oral Presentation

## Section B Processing, application, and function of cellulose-based materials

**Saturday 21 September**

**Venue: Diamond Ballroom II, Floor 2, Crowne Plaza Chengdu West**

Time	Topic	Speaker	Institute	Presentation
13:30-13:50	Rendering cellulose materials multi-functional: from exopolysaccharides nanoparticles to non-woven dressing	Huining Xiao	University of New Brunswick	Invited Talk
13:50-14:10	New strategies for synthesizing all-lignin-based wood adhesives	Li Shuai	Fujian Agriculture and Forestry University	Invited Talk
14:10-14:30	Super Foldable Transparent Paper by Multi-scale Cellulose Fiber Structure Regulation	Zhiqiang Fang	South China University of Technology	Invited Talk
14:30-14:45	Construction of Asymmetric Wetttable Janus Cellulose Aerogel and Oil-Water Separation Performance	Lingbin Lu	Hainan University	Oral Presentation
14:45-15:00	Preparation and properties of cellulose-based functional materials	Hongliang Kang	Institute of Chemistry, CAS	Oral Presentation
15:00-15:15	Cellulose-based eco-friendly sustainable hydroplastics	Jiaxiu Wang	Anhui University	Oral Presentation
15:15-15:30	Ultrastrong, Thermally Stable, and Food-Safe Seaweed-Based Biomimetic Structural Material	De-han Li	University of Science and Technology of China	Oral Presentation
15:30-15:45	<b>Tea Break</b>			
15:45-16:05	Cellulose structure-controllable preparation and biological application	Yan Wei	Tsinghua University	Invited Talk
16:05-16:25	Advanced Structural-Color Cellulose-Based Materials	Fei Song	Sichuan University	Invited Talk
16:25-16:45	High-performance biomass plastics derived from lignin	Enomoto Yukiko	The University of Tokyo	Invited Talk
16:45-17:00	Self-Assembly of Cellulose Nanofibrils-Based Mixed Ionic-Electronic Conductor Films and Their Electromechanical Application	Weiqian Tian	Ocean University of China	Oral Presentation
17:00-17:15	Chemically Recyclable Biocomposites Using Aliphatic Polyester Prepolymers	Erfan Oliaei	KTH Royal Institute of Technology	Oral Presentation
17:15-17:30	Unlocking the Potential of Nanocellulose-based Biomaterials via Structural and Functional Bionics	Jun Liu	Jiangsu University	Oral Presentation
17:30-17:45	Regulation of Thermal Migration Channel in Cellulose Hydrogel to Achieve Huge Thermopower	Xinyuan Cheng	Wuhan University	Oral Presentation
17:45-18:00	Active biodegradable bacterial cellulose films with potential to minimize the plastic pollution: Preparation	Xiaotong Shi	Nanjing Forestry University	Oral Presentation

**Sunday 22 September**

**Venue: Diamond Ballroom II, Floor 2, Crowne Plaza Chengdu West**

Time	Topic	Speaker	Institute	Presentation
08:30-08:50	Cellulose-Based Functional Materials: Fabrication, properties and application	Feng Xu	Beijing Forestry University	Invited Talk
08:50-09:10	Microstructural Design and Performance Regulation of the Cellulose-based Dielectric Materials	Yong Wang	Southwest Jiaotong University	Invited Talk
09:10-09:30	Fabrication and Regulation of Flexible Devices based on Natural Polymer	Ang Lv	Wuhan University	Invited Talk
09:30-09:45	Green preparation technology of cellulose fiber with ionic liquid as solvent	Jun Song	Tianjin University of Technology	Oral Presentation
09:45-10:00	Cellulose nanocomposites with stimulus response and targeted recognition function for cancer fluorescence imaging and photodynamic therapy	Yanmei Zhou	Henan University	Oral Presentation
10:00-10:15	MXene/cellulose composite aerogels with controllable microstructure for high electromagnetic interference shielding effectiveness and high absorption coefficient	Liangqing Zhang	Xian University of science and technology	Oral Presentation
10:15-10:25	<b>Tea Break</b>			
10:25-10:45	Chitin nanofiber: various biological functions of the new material from crab shells and its practical application	Shinsuke Ifuku	Kyoto University	Invited Talk
10:45-11:05	Cellulose-based aerogels and foams: recent development with enhanced performance	Feng Jiang	University of British Columbia	Invited Talk
11:05-11:25	Poly(Ionic Liquid) Functionalization: A General Strategy for Strong, Tough, Ionic Conductive, and Multifunctional Cellulose Hydrogels toward Sensors	Sufeng Zhang	Shanxi University of Science and Technology	Invited Talk
11:25-11:45	Nanocellulose-based battery separator	Zhaohui Wang	Hunan University	Invited Talk
11:45-12:00	Multi-functional cotton fabrics based on perfluorodecyltrichlorosilane modified polyelectrolyte complex coatings	Deng Jinni	Xihua University	Oral Presentation
12:00-13:20	<b>Lunch</b>			
13:30-13:50	Novel Diacid-superbase Ionic Liquids for Efficient Dissolving Cellulose	Lifeng Yan	University of Science and Technology of China	Invited Talk
13:50-14:10	Industrialization exploration of cellulose nanocrystal-based materials based on surface modification and multi-level structural regulation	Jin Huang	Southwest University	Invited Talk
14:10-14:30	Large Scale Cost-Effective Production of Nanocellulose: Industrial Development and Practice	Zheng Tan	Beijing Zhenbo Sci-Tech Innovation Limited	Invited Talk
14:30-14:45	Towards a renewable approach: design and application of nanocellulose-based water treatment reagents and techniques	Chen Sikai	Southwest Jiaotong University	Oral Presentation
14:45-15:00	Water-resistant Paper via Infiltration with Nanocellulose-stabilized Plant Oil-based Emulsion Polymers	Baoxia Wang	Anhui Agricultural University	Oral Presentation
15:00-15:15	High-performance regenerated cellulose fibers with dual-oriented structure	Fu Xiaotong	Anhui Agricultural University	Oral Presentation
15:15-15:35	<b>Tea Break</b>			
15:35-15:55	A new solvent system for natural cellulose and its applications	Zuowan Zhou	Southwest Jiaotong University	Invited Talk
15:55-16:15	Nanocellulose based functional materials and applications	Zhen Zhang	South China Normal University	Invited Talk
16:15-16:30	3D printing highly elastic herarchical micropores aerogel using cellulose nanofibrils composite inks	Haiyang Yu	Beijing University of Technology	Oral Presentation
16:30-16:45	Solution Processing and Structure Regulation of MXene/Cellulose Nanofiber Composite Functional Materials	Zehang Zhou	Sichuan University	Oral Presentation
16:45-17:00	Cellulose-based ordered porous membranes by breath figures	Wenyong Liu	Hunan University of Technology	Oral Presentation
17:00-17:15	Large-Area Weavable High Strain Cellulose-based Multicolor Fluorescent Fibers for Information Storage and Scene Warning	Yijun Yao	Xi'an Polytechnic University	Oral Presentation
17:15-17:30	Designing cellulose-based environmental functional materials with enhanced performance	Zhai Shang Ru	Zhejiang University of Science and Technology	Oral Presentation
17:30-17:45	Cellulose hydrogels with anisotropic porous structure for water treatment	Kuankuan Shen	Wuhan university	Oral Presentation
17:45-18:00	Self-Assembled Silica-Cellulose-Ether Ternary Nanocomposite Electrolytes for Robust Quasi-Solid-State Li-Metal Batteries	Wenze Cao	Beijing Institute of Technology	Oral Presentation

**Monday 23 September**

**Venue: Diamond Ballroom II, Floor 2, Crowne Plaza Chengdu West**

Time	Topic	Speaker	Institute	Presentation
08:30-08:50	Rational Charge Design on Cellulose Chains for High-Performance Aqueous Zinc Batteries	Jinping Zhou	Wuhan University	Invited Talk
08:50-09:10	Opportunities of Capturing CO2 for cellulose Dissolution and Derivatisation: Sulfur-containing Cellulose Esters for Water Catalytic Decontamination	Haibo Xie	Guizhou University	Invited Talk
09:10-09:30	Multiplex Lateral Flow Assay Using Colored Cellulose nanoparticles	Qiang Zhang	East China Normal University	Invited Talk
09:30-09:45	Fabrication of 3D cellulose scaffold with gradient pore structure and recovery of superbase-derived ionic liquid	Wenqiu Zheng	Beijing Forestry University	Oral Presentation
09:45-10:00	A novel approach to preparing cellulose nanospheres and their application as nanofillers in polybutyl acrylate films	Wenwen Qiu	Beijing Institute of Technology	Oral Presentation
10:00-10:15	Cellulosic Nanocomposite Filaments for an Ionic Strength Sensor with Ultrahigh Precision and Sensitivity	Yuying Kong	Zhejiang University	Oral Presentation
10:15-10:30	<b>Tea Break</b>			
10:30-10:50	Design and construction of lignocellulose materials toward energy storage devices	Xinwen Peng	South China University of Technology	Invited Talk
10:50-11:10	Biomimetic nanocellulose/MXene composites for flexible pressure sensor with high linear sensitivity	Xiaoying Wang	South China University of Technology	Invited Talk
11:10-11:30	Rheological Study and Application of Nanocellulose Composite Colloids	Di yong	Taian cellulose ether technology Research Institute	Invited Talk
11:30-11:45	Design and application of novel and sustainable cellulose-based functional materials	Lin Liu	Zhejiang Sci-Tech University	Oral Presentation
11:45-12:00	Nanocellulose-based air filter media	Zhaoxia Sun	Songshan Lake materials laboratory	Oral Presentation
12:00-12:15	Fluorescent bacterial cellulose@Zr-MOF via in-situ synthesis for efficient enrichment and sensitive detection of Cr(VI)CD	Shan Jiang	Nanjing Forestry University	Oral Presentation



## Section C Development and utilization of other biomass resources

Saturday 21 September

Venue: Diamond Ballroom III, Floor 2, Crowne Plaza Chengdu West

Time	Topic	Speaker	Institute	Presentation
13:30-13:50	Silk Fibroin Based Hydrogel with Tuneable Structure and Properties	Zhengzhong Shao	Fudan University	Invited Talk
13:50-14:10	Electro-fabrication of chitosan hydrogel	Xiaowen Shi	Wuhan University	Invited Talk
14:10-14:30	Room temperature catalytic upgrading of unpurified lignin depolymerization oil into bisphenols and butene-2	Elena Subbotina	KTH Royal Institute of Technology	Invited Talk
14:30-14:45	A green approach for delignification of corn husks and their application as an unpowered thermo-responsive sensor	Saqib Mehmood	Beijing Institute of Technology	Oral Presentation
14:45-15:00	Study the implication of different SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> ratios on the pore size and acidity of Beta zeolite and its catalytic pyrolysis mechanism of Kraft lignin	Shibo Han	Fujian Agriculture and Forestry University	Oral Presentation
15:00-15:15	From disorder to order: Design, preparation, and application of lignin-based functional materials with ordered supramolecular structures	Jingyu Wang	Sichuan University	Oral Presentation
15:15-15:30	Pulp Industry Waste for Manufacturing of Mycelium-Based Materials for Thermal-Acoustic Insolation	Paulo Cesar Molina	Pontificia Universidad Católica de Chile	Oral Presentation
15:30-15:45	<b>Tea Break</b>			
15:45-16:05	Lignin Based Bioactive Substances	Yongcan Jin	Nanjing Forestry University	Invited Talk
16:05-16:25	Functions of polysaccharide matrices based on cellulose on lignification for wood	Yasumitsu Uraki	Hokkaido University	Invited Talk
16:25-16:45	Lignin based Ultra-Thin All-Solid Polymer Electrolytes for High Performance Lithium Batteries	Wei Hu	Northeast Normal University	Invited Talk
16:45-17:00	Nitrogen and sulfur co-doped novel lignin carbon nanotubes for high performance supercapacitors	Man Jiang	Southwest Jiaotong University	Oral Presentation
17:00-17:15	Processing Wheat Straw into a Near-Infrared Light Selective Transmission Film	Dongyong Li	Hubei University of Technology	Oral Presentation
17:15-17:30	Insect silkomes: Discovering new types of insect silks with super strong properties	Zhaoming Dong	Southwest University	Oral Presentation
17:30-17:45	Biomass-derived UV-curing 3D Printing Materials: Green preparation and Properties	Chengguo Liu	Nanjing Forestry University	Oral Presentation

Sunday 22 September

Venue: Diamond Ballroom III, Floor 2, Crowne Plaza Chengdu West

Time	Topic	Speaker	Institute	Presentation
08:30-08:50	Microbial polysaccharides as advanced biohybrid functional materials	PEDRO FARDIM	KU Leuven in Belgium	Invited Talk
08:50-09:10	Natural polyphenols as versatile platforms for material engineering	Junling Guo	Sichuan University	Invited Talk
09:10-09:25	Plant-Based Shape Memory Cryogel for Hemorrhage Control	Deng Jingyu	Nanyang Technological University	Oral Presentation
09:25-09:40	The synergistic effect of lignocellulosic nanofibrils and tannic acid achieved the interfacial stability and antibacterial properties of Pickering emulsions	Yonghang Niu	Dalian Polytechnic University	Oral Presentation
09:40-09:55	Ordered structures and tailored functions of natural polyphenols via supramolecular self-assembly	Yunxiang He	Sichuan University	Oral Presentation
09:55-10:10	Mayonnaise-like high internal phase emulsions based on nanochitin and inulin for curcumin delivery	Yujun Zou	Nanjing Forestry University	Oral Presentation
10:10-10:25	<b>Tea Break</b>			
10:25-10:45	Harnessing cellulose from waste biomass for advanced materials and innovative technologies	Gustav Nyström	ETH Zurich	Invited Talk
10:45-11:05	strong nanostructured film and effective lead (II) removal by nitro-oxidized cellulose nanofibrils from banana rachis	Ngesa Ezekiel Mushi	University of Dar es Salaam	Invited Talk
11:05-11:25	2D porous nanomesh and nano-sheet from biomass via acid steam "dynamic hydrolysis"	Huiqing Wang	Hefei University of Technology	Invited Talk
11:25-11:40	Research on the Multiple Uses of Agricultural and Forestry Waste	Ziyi Cai	MIE UNIVERSITY	Oral Presentation
11:40-11:55	Low-cost green food packaging film material with high water vapor barrier performance and degradable performance	Shang Yanlong	Beijing institute of technology	Oral Presentation
12:00-13:20	<b>Lunch</b>			
13:30-13:50	Sustainable material system based on amyloid-like protein aggregation	Peng Yang	Shaanxi Normal University	Invited Talk
13:50-14:10	Applications of Renewable Materials in Agricultures: Sparyable Mulch Films and Slow-Release Fertilizers with Water Retention Function	Long YU	Institute of Chemistry	Invited Talk
14:10-14:30	Photoluminescence from biomass: Fundamentals and Utilization	Zhijun Chen	Northeast Forestry University	Invited Talk
14:30-14:50	Injectable and self-healing hydrogels with multiple functions	Yongmei Chen	Shaanxi University of Science & Technology	Invited Talk
14:50-15:05	EXPLOITING THE UNIQUE PROPERTIES OF BIOMASS IN ARID AREAS TOWARDS NEW CLASSES OF BIOPRODUCTS	QIAN LIU	Khalifa University	Oral Presentation
15:05-15:20	Wood-based cellulose scaffolds for sustainable functional materials	Qiliang Fu	Nanjing Forestry Unviersity	Oral Presentation
15:20-15:35	<b>Tea Break</b>			
15:35-15:55	Nanofibrillation, structure regulation and functionalization of polysaccharides and protein	Yimin Fan	Nanjing Forestry University	Invited Talk
15:55-16:15	Solid-state polymer adsorption as a new surface modulator for lignocellulosic materials	Wenyang Xu	Aalto University	Invited Talk
16:15-16:30	Metallic Wood through Deep-Cell-Wall Metallization: Synthesis and Applications	Xiaoying Xu	KTH Royal Institute of Technology	Oral Presentation
16:30-16:45	Ion-Confined Thermoelectric Chitosan Hydrogel	Xiaohan Sun	Wuhan University	Oral Presentation
16:45-17:00	From chitosan to functional materials for wastewater purification	Zhaoxuan Feng	China University of Petroleum (East China)	Oral Presentation
17:00-17:15	Research on preparation and application of bio-based moisture-electricity generators	Xuezhong Zhang	Southwest Petroleum University	Oral Presentation
17:15-17:30	Preparation of tough chitin-based double-network hydrogel	Junchao Huang	Lanzhou University	Oral Presentation
17:30-17:45	Facile preparation of nanochitin hydrogels/cryogels for advanced applications	Liang Liu	Nanjing Forestry University	Oral Presentation

Monday 23 September

Venue: Diamond Ballroom III, Floor 2, Crowne Plaza Chengdu West

Time	Topic	Speaker	Institute	Presentation
08:30-08:50	Glycopolymers: Synthesis, Enzymatic Conversion and Interaction Studies	Xiaoxia Zhu	Beijing Normal University, Zhuhai	Invited Talk
08:50-09:10	Polymerization of polyphenols and it's applications	Xin Jia	Shihezi University	Invited Talk
09:10-09:30	Multifunctional Flexible Sensors Based on Natural Polymer Hydrogels	Min Xu	East China Normal University	Invited Talk
09:30-09:45	Polymer-based Microneedles for Effective Hypertrophic Scar Treatment and Hair Regrowth Treatment	Bricard MBITUYIMANA	Huazhong University of Science and Technology (HUST)	Oral Presentation
09:45-10:00	Amphiphilic polymer solid acid Pickering interface catalyzes fructose dehydration to 5-HMF	Jianxin LUO	Hunan Institute of Technology	Oral Presentation
10:00-10:15	Research on New Energy-saving and Environment-friendly Materials Based on Lignocellulose	Shuaiming He	Central South University of Forestry and Technology	Oral Presentation
10:15-10:30	<b>Tea Break</b>			
10:30-10:50	A biorefinery initiative in producing dissolving pulp from paper-grade pulp of rice straw	Md Sarwar Jahan	Bangladesh Council of Scientific and Industrial Research (BCSIR)	Invited Talk
10:50-11:10	Lignin-based Functional Materials	Xuliang Lin	Guangdong University of Technology	Invited Talk
11:10-11:25	Corn stalk biorefinery with potassium hydroxide: hemicellulose in improving papermaking properties of recycled fiber	Md. Mostafizur Rahman Mostafizur Rahman	Bangladesh Council of Sciengitic and Industrial Research	Oral Presentation
11:25-11:40	Fabrication of cotton-based functional fabric based on multicomponent reactions	Hongchen Liu	Zhongyuan University of Technology	Oral Presentation

## Section D Forum of young scientists in fields of cellulose and renewable materials

**Saturday 21 September**

**Venue: Locust & Indus Hall, Floor 1, Crowne Plaza Chengdu West**

Time	Topic	Speaker	Institute	Presentation
13:30-13:50	Cellulosic Biocomposites	Chaoji Chen	Wuhan University	Invited Talk
13:50-14:10	Sustainable multi-functional lignocellulosic aerogels through top-down wood nanoengineering	Yuanyuan Li	KTH Royal Institute of Technology	Invited Talk
14:10-14:30	Bioinspired Nanocellulose Photonic Materials	Rui Xiong	Sichuan University	Invited Talk
14:30-14:50	Connecting Advances in Bio-based Materials Developments with the Emergence of a Bioeconomy in Arid Areas	Blaise Leopold Tardy	Khalifa University	Invited Talk
14:50-15:05	Cellulase enzymes as a sustainable approach for producing and enhancing cellulose-derived advanced materials	Jie Wu	University of British Columbia	Oral Presentation
15:05-15:20	High-Performance Sustainable Cellulose Nanofiber-Based Structural Materials	Huai-Bin Yang	University of Science and Technology of China	Oral Presentation
15:20-15:35	Multi-material 3D printing towards wood-based biomass composite	Siqi Huan	Northeast Forestry University	Oral Presentation
15:35-15:45	<b>Tea Break</b>			
15:45-16:05	Optically active bacterial cellulose-based wound dressing	Ying Li	Guangzhou Medical University	Invited Talk
16:05-16:25	Cellulose-based biomedical materials and applications	Weiguo Tian	Institute of Chemistry Chinese Academy of Sciences	Invited Talk
16:25-16:45	Electroactive modification of bacterial cellulose and its biomedical applications	Zhijun Shi	Huazhong University of Science and Technology	Invited Talk
16:45-17:00	Nanochitin Emulgels Creates Porous Structures for High Cell Attachment and Proliferation	Ya Zhu	University of Science and Technology of China	Oral Presentation
17:00-17:15	The agro-waste cellulose derivative-based semi-IPN hydrogel via ATRP as a high-performance hemostatic dressing	Xin Gao	Kunming University of Science and Technology	Oral Presentation
17:15-17:30	Engineering homologous platelet-rich plasma, platelet-rich plasma-derived exosomes, and mesenchymal stem cell-derived exosomes-based dual-crosslinked hydrogels as bioactive diabetic wound dressings	Bianza Moise Bakadia	Guangzhou Medical University, Huazhong University of Science and Technology	Oral Presentation
17:30-17:45	Solid Wood Modification toward Anisotropic Elastic and Insulative Foam-Like Materials	Xuetong Shi	The University of British Columbia	Oral Presentation
17:45-18:00	Preparation and Characterization of Bacterial Nanocellulose/Silver Nanoparticles for Antimicrobial Wound Dressing	Lina Fu	Huanghuai University	Oral Presentation

**Sunday 22 September**

**Venue: Locust & Indus Hall, Floor 1, Crowne Plaza Chengdu West**

Time	Topic	Speaker	Institute	Presentation
08:30-08:50	Network Structure of Silk Fibroin	Shengjie Ling	ShanghaiTech University	Invited Talk
08:50-09:10	Nanocellulose-based Piezoelectric and Triboelectric Materials	Quanling Yang	Wuhan University of Technology	Invited Talk
09:10-09:30	Biomass functional gels and flexible electronics	Dawei Zhao	Shenyang University of Chemical Technology	Invited Talk
09:30-09:45	Bacterial Celulose as Green Materials for Biodegradable and Recyclable Self-powered Sensors	Sanming Hu	hubei university of science and technology	Oral Presentation
09:45-10:00	Recent Advances in Fibrous Materials for Hydroelectricity Generation	Can Ge	Soochow University	Oral Presentation
10:00-10:15	Biomimetic multiscale structure with hierarchically entangled topologies of cellulose-based hydrogel sensors for human-computer interaction	Xin Li	Nanjing Forestry University	Oral Presentation
10:15-10:25	<b>Tea Break</b>			
10:25-10:45	Wood fibrils for sustainable water generation	Wenshui Chen	Northeast Forestry University	Invited Talk
10:45-11:05	Innovative 3D Assembly Strategies for Cellulose Nanofibers towards Pressure Sensing and Water Harvesting Applications	Penghui Zhu	The University of British Columbia	Invited Talk
11:05-11:25	Construction of the regenerated chitin materials via mediating the chitin chains self-assembly	Bo Duan	Wuhan University of Science and Technology	Invited Talk
11:25-11:40	Natural Smart Microgel Building Blocks from Tough Pollen Grains	Ze Zhao	Wuhan University	Oral Presentation
11:40-11:55	Process Optimization and Comprehensive Utilization of Recyclable Deep Eutectic Solvent for the Production of Ramie Cellulose Fibers	Qi Tang	Donghua University	Oral Presentation
12:00-13:20	<b>Lunch</b>			
13:30-13:50	The application of cellulose particles in the construction of all aqueous Pickering emulsions	shilin liu	Huazhong Agricultural University	Invited Talk
13:50-14:10	Lignosulfonates enable the co-production of fibrillated lignocellulose and fermentable sugars from chemi-thermomechanical wood fibers	Ran Bi	UBC	Invited Talk
14:10-14:30	Toward more uniform technical lignin using greener modification methods	Liyang Liu	Chalmers University of Technology	Invited Talk
14:30-14:45	Facile, Scalable Manufacturing of Bamboo-based Gradient Aerogel for Thermo-Acoustic Insulating	Wang Junmei	Gannan normal university	Oral Presentation
14:45-15:00	Designing High-Performance All-lignocellulose Materials via Dissolution/Swelling Enabled Cell Wall Engineering	Feng Chen	Jiangnan University	Oral Presentation
15:00-15:15	Temperature-Responsive Photonic Crystals Based on Hydroxypropyl Cellulose for Information Encryption	Dong Li	Southwest Petroleum University	Oral Presentation
15:15-15:35	<b>Tea Break</b>			
15:35-15:55	High-performance regenerated cellulose materials	Dongdong Ye	Anhui Agricultural University	Invited Talk
15:55-16:15	Research and application of new fracturing fluid materials for deep shale gas wells	Yuanpeng Wu	Southwest Petroleum University	Invited Talk
16:15-16:35	Non-conjugated photoluminescence of cellulose nanocrystals	Lin Gan	Southwest University	Invited Talk
16:35-16:50	The study of the effect and mechanism of lignosulfonate on production of lignin-containing nanocellulose fibers by enzymatic pretreatment	Peipei wang	Nanjing Forestry University	Oral Presentation
16:50-17:05	Preparation of Superhydrophobic Paper Film with Nano SiO <sub>2</sub> and the Research of its Properties	Lu Li	Gansu Agricultural University	Oral Presentation
17:05-17:20	Preparation of functional fibers using ionic liquids as solvent	Hongshuai Gao	Institute of Process Engineering	Oral Presentation
17:20-17:35	Nanocelluloses encapsulated nZVI@UiO-66 aerogel for high-efficiency p-chloronitrobenzene removal with selective reduction	Zilong Deng	School of Environmental Science and Engineering	Oral Presentation
17:35-17:50	Cellulose-Based Liquid Crystal Materials for Optical and Sensor Applications	Yue Shi	Ningbo University	Oral Presentation
17:50-18:05	Application of Bast Fiber Films in Agricultural Production	Chen Xing	Institute of Bast Fiber Crops	Oral Presentation

**Monday 23 September**

**Venue: Locust & Indus Hall, Floor 1, Crowne Plaza Chengdu West**

Time	Topic	Speaker	Institute	Presentation
08:30-08:50	Functional Polymer Materials Supported by Bionic Ordered Nanocellulose	Xinxing Zhang	Sichuan University	Invited Talk
08:50-09:10	Nanocellulose-assisted preparation of lightweight, high-performance electromagnetic shielding/absorption nanocomposites	Zihui Zeng	Shandong University	Invited Talk
09:10-09:30	Bacterial cellulose-based nanofluidic membranes	Sha Wang	Nanjing Forestry University	Invited Talk
09:30-09:45	Redispersion of Nanocellulose in the Context of Whole Component Utilization of Biomass	Wang Yu	Chinese Academy of Agricultural Sciences	Oral Presentation
09:45-10:00	Ultrafast Surface Acetylation of Cellulosic Materials in Aqueous Media at Room Temperature	Xuefei Cao	Beijing Forestry University	Oral Presentation
10:00-10:15	Biomimetic Interface Engineering Transition from Short, Rigid to Ultra-Long, High-Toughness Fibers	Ke Zheng	Anhui Agricultural University	Oral Presentation
10:15-10:30	<b>Tea Break</b>			
10:30-10:50	Advanced Cellulosic Triboelectric Materials	Shuangxi Nie	Guangxi University	Invited Talk
10:50-11:10	Water transport kinetics in sustainable cellulose fibers	Kai Wu	Sichuan University	Invited Talk
11:10-11:30	Aqueous Two-phase Emulsion-based Bioink Enhanced by Phosphorylated Cellulose Nanofibrils	Xiaoju Wang	Åbo Akademi University	Invited Talk
11:30-11:45	Constructing Polysaccharide-Polypeptide Copolymer Nanoparticles and Hydrogels via Macro Initiator Strategy	Junyi Chen	Qingdao University of Science and Technology	Oral Presentation
11:45-12:00	Anisotropic Barrier Activations: Unveiling Shear Elastoplasticity of Chitin Crystals	Zhangmin Wan	The University of British Columbia	Oral Presentation
12:00-12:15	Fabrication of cotton-based functional fabrics based on multicomponent reactions	Hongchen Liu	Zhongyuan University of Technology	Oral Presentation



# Poster List

No.	Topic	Speaker	Institute
P.01	In situ Investigation on the Formation Process of Regenerated Cellulose Fibers Using Ionic Liquids as Solvents	Binqi Wang	Zhengzhou Institute of Emerging Industrial Technology
P.02	Microstructure and crystallization of regenerated cellulose films prepared by quaternary ammonium phosphate salt dimethyl sulfoxide solvent	Jingwei Wu	Institute of Chemistry Chinese Academy of Sciences
P.03	Hydrogen bond cooperativity in the dissolution mechanism of cellulose	Yifan Jiao	Institute of Chemistry Chinese Academy of Sciences
P.04	Accumulation of Hydrogen-bond and van der Waals Interactions Determine Force Response between Two Parallel Cellulose Chains:	Chuanfu Luo	Changchun Institute of Applied Chemistry
P.05	Optimization of the way of adding NaClO in TEMPO-mediated oxidation of cellulose for less nanofiber degradation	Chong Tang	Nanjing Forestry University
P.06	On the Crystalline Structure Analysis of Cellulose Trinitrate	Xiaojing Fan	Beijing Institute of Technology
P.07	The Intrinsic Characteristics of Small Molecules Affect Non-Gaussian Diffusion in Amorphous Cellulose: A Molecular Dynamics Simulation	Wan Jia	Changchun Institute of Applied Chemistry
P.08	Macro-scale Hierarchical Structure Control Improves Puncture Resistance for Hydrogels	Yong Mei Chen	Shaanxi University of Science & Technology
P.09	A eco-friendly synthetic method for amino acid grafted cellulose	Heming Song	Shaanxi University of Science & Technology
P.10	High aspect ratio nanocellulose from waste biomass	Wang Li	Guangxi University
P.11	An ultra-sensitive pH-responsive material promotes root-fertilizer feedback	Yang Wang	China Agricultural University
P.12	Wood-inspired anisotropic PU/chitosan/MXene aerogel used as an enhanced solar evaporator with superior salt-resistance	Miao Sun	Northeast Forestry University
P.13	Functionalization of Cellulose by Facile Dissolution-Regeneration Process in A Novel CS2/DBU Solvent System for Metal Ion Detection and	Yuyan Zheng	School of Food Science and Pharmaceutics
P.14	reparation of flame-retardant phosphorylated nanocellulose by choline chloride based reactive deep eutectic solvent	Yutong Zhang	Qingdao University
P.15	Enhanced adsorption of metal ions by calcium disodium ethylenediaminetetraacetate on CNF-based films	Can Wang	Beijing Institute of Technology
P.16	Superb Strong Yet Tough Cellulose Film: Densified Interfacial Sealing Between Pulp Fibers, Cellulose Microgels, and Cellulose Nanofibers	Yao Lu	Kunming University of Science and Technology
P.17	Fabrication of nitrocellulose membranes with highly ordered porous structure via breath figure templating	Wanxin Peng	Sichuan University
P.18	Utilizing Nanocelluloses as Multifunctional Papermaking Additives	Jiahe li	Zhejiang University
P.19	Surface In-situ Polymerization of Nanocellulose for Body-Heat Harvesting Wearable Devices	Yuxuan Xia	Zhejiang University
P.20	Bacterial Cellulose Based Membrane as Novel Removable Patch for Human Melanocyte Transplantation	Ting Jin	Zhejiang University
P.21	Assembling behavior of CNFs during Wet-spinning	Junqi Gao	Zhejiang University
P.22	In-Situ Fibrillation of Lignin-Rich Plant Fibers for Advanced Biodegradable Composites	Kexin Zhou	Zhejiang University
P.23	Redispersing Ability of Dried Cellulose Nanofibrils	Chenxi Zhang	Zhejiang University
P.24	Sustainable All-Cellulose High-performance Barrier Papers through an Automatic Layering Technique for Food Packaging Applications	Roufen Wu	Zhejiang University
P.25	Hydrophobic cotton fabrics using layer by layer method of biomass materials	Nannan Chen	Beijing institute of technology
P.26	Insolubilization of cellulose derivative: crosslinking with citric acid	Xiangyu Tao	Mie University
P.27	An antimicrobial hydrogel enhanced by quaternized cellulose nanocrystals for wound healing application	Zhikun Zhang	CHINESE ACADEMY OF FORESTRY
P.28	Cellulose functional membranes for energy applications	Bing Na	east china university of technology
P.29	Carboxyl-functionalized graphene oxide/cellulose nanofiber as adsorbents toward methylene blue	Zhen Zhang	Beijing Forestry University
P.30	Preparation and performance study of nanocellulose-based water and oil repellent barrier paper	Mengting Ye	South China University of Technology
P.31	Preparation and properties of bacterial cellulose-based antimicrobial hydrogels	Zhuhan Xu	South China University of Technology
P.32	Preparation of CS/CR gels and their use for supercapacitor electrodes	Shan Gao	Beijing institute of technology
P.33	Effect of Lotion Usage on Tissue Paper Properties	OYA USTA HÜSEYİN AKBULUT	HAYAT KİMYA
P.34	Promoting Adsorption and Conversion of Polysulfides by Carbonized Bacterial Cellulose Incorporating Porous N-Vacancy BN Fibers for	Long Cheng	Nanjing Forestry University
P.35	Double-Arm Water Evaporation-Induced Generator for Multi-Environment Applications	Kuankuan Liu	Huazhong University of Science and Technology
P.36	A multifunctional cellulose-based coating for fruit preservation	Yuqian Cui	Institute of Chemistry
P.37	Bacterial cellulose is used as a reinforcing agent in high barrier coatings for food contact paper	Weimin Xing	Hainan University
P.38	A Fully Bio-derived Antibacterial Conductive Composite Hydrogel Reinforced by Lignin and Cellulose Nanofibers	Zhu Mengni	East China Normal University
P.39	Efficient separation and comprehensive utilization of ramie components based on Deep Eutectic Solvent	Mingjuan Du	Donghua university
P.40	Novel Ionic Conductive Elastomers from Cellulose Derived Poly(Esterimide): Enhancing Temperature Tolerance for Wearable Sensors	Tong Luo	Institute of Chemical Industry of Forest Products
P.41	Preparation of high-strength	Shuang Tian	Donghua University
P.42	Notch-insensitive	Zhengxiao Ji	East China Normal University
P.43	TEMPO-Oxidized Cellulose Nanofibers (TOCNs) Reinforced Dual-network Eutecticgel with High Mechanical Properties and Conductivity	Deying Teng	Donghua university
P.44	Developing Transparent and Hydrophobic Bacterial Cellulose-Exposidised Cardanol Composite films for Sustainable Packaging	Chong Hio Lam	The Chinese University of Hong Kong
P.45	Directionally arranged flexible bamboo/rubber materials with high cushion performance	Yongzhe Pu	Southwest Forestry University
P.46	Hierarchical Nanoengineered Emulsion with Robust Adhesion Enables Superior Self-Cleaning Cotton Fabrics	Shanshan Ding	Donghua University
P.47	Self-Assembled MXene Supported on Cellulose Aerogel for a Symmetrical Eco-Supercapacitor	Yu Yuan	Northeast Forestry University
P.48	Preparation of Functional Cellulose Materials via efficient hydroxyl-yne click reaction	Qi Tian	South China University of Technology
P.49	Carboxylated nanocellulose-reinforced flexible transparent conductive elastomer	Junyi Cai	Donghua University
P.50	Anisotropic gradient biomass aerogel integrating efficient solar steam and power generation	Lanyue Zhang	Anhui Agricultural University
P.51	Cellulose-Based Radiative Cooling and Solar Heating Powers Ionic Thermoelectrics	Mingna Liao	Linkoping university
P.52	Strain-induced 3D-Oriented Crystallites in Natural Rubber /Chitin Nanofiber Composites	jinghua wu	Beijing Institute of Technology
P.53	The Development and Optimization of New Aerogel based on Cellulose Nanofibers for Hemostatic and Wound dressing.	Clemence Bukatuka Futla	Huazhong University of Science and Technology
P.54	Porous Carbon/cellulose nanofibers hybrid membranes for osmotic energy conversion	Qianxi He	Nanjing Forest University
P.55	Preparation of highly conductive PEDOT: PSS/nanocellulose Nanopaper	Chen Ningxin	Hunan University
P.56	Superfast, large-scale harvesting of cellulose molecules via ethanol pre-swelling engineering of natural fibers	Jiajun Jiang	Fujian Agriculture and Forestry University
P.57	An ultrathin nanocellulosic ion redistributor for long-life zinc anode	Jing Huang	Wuhan University
P.58	Synthesis of novel composite Hydrogel based on Carboxymethyl Cellulose/Acrylamide/ $\beta$ -Cyclodextrin for Drug Delivery	Cui Meng	Research Center of Material Sciences and Engineering
P.59	Development of Broad Applications of Bacterial Nanocellulose Composites	Robert.Li	Alpha Bio Tech (Shenzhen) Co.
P.60	3D printing lignin carbonized nanotube and cellulose nano fiber aerogel for wearable pressure sensors	Man Jiang	Southwest Jiaotong University
P.61	Clickable Bamboo-sourced Cellulose Nanofibrils with Tunable Surface Functionalities	LongJuan	International Centre for Bamboo and Rattan
P.62	Preparation and Performance Study of Cellulose/Nano Fe <sub>3</sub> O <sub>4</sub> /CBP Blended Fibers Based on Hydrogen Bond Self-Assembly	Bin Li	Tiangong University
P.63	Construction of cellulose /4-((ω-(methylimidazole) hexyloxy)-4'-cyano)-biphenyl/amine modified graphene liquid crystal solution and	Xuerong Wang	School of Material Science and Engineering
P.64	Green and smart wearable materials constructed from interfacial self-assembly of ZIF-8/MXene/cellulose for multi-protection	Zhaochuan Yu	Nanjing Forestry University
P.65	Rational Charge Design on Cellulose Chains for High-Performance Aqueous Zinc Batteries	Haodong Zhang	Wuhan University
P.66	Manipulating Crystal Growth to Enable Efficient and Stable Perovskite Solar Cells with Natural Additive	Jinming Zhang	Institute of Chemistry, Chinese Academy of Sciences
P.67	Role of oxides on cellulose dissolution in alkali/urea aqueous solution at low temperature	Hao Li	Sichuan University
P.68	Preparation of carboxymethyl hydroxypropyl cellulose (CMHPC) by a homogeneous etherification procedure	Meng He	KZJ New Materials Group Co.Ltd
P.69	Preparation and characterization of an epoxy resin from oxidative depolymerized lignin	Decai Shi	South China University of Technology
P.70	Anti-mold Property of Silver Nano-particles Reduced by 60Co- $\gamma$ Rays in Recombined Bamboo Materials	Siyang Liu	Sichuan Institute of Atomic Energy
P.71	Mechanochemically assisted preparation of nitrogen-doped lignin-based porous carbon and CO <sub>2</sub> capture	Wanying Wang	Central South University of Forestry and Technology
P.72	saGO木质素改性超交联聚合物的结构调节, 用于高效的RhB吸附(to be modified)	Zhoujian Wang	Central South University of Forestry and Technology
P.73	Sulfur self-doping hierarchical porous carbon derived from the full component utilization of black liquor for high-performance	Xi Guan	Nanjing Forestry University
P.74	Choline Hydroxide Based Deep Eutectic Solvent for Lignin Separation and Extraction	Ziwei Guo	Institute of Chemistry, Chinese Academy of Sciences
P.75	An amphiphobic bio-based coating from gluten protein and carnauba wax for paper food packaging	Li min Tao	Beijing Institute of Technology
P.76	Effect of lignin on treatment of type 2 diabetes mellitus	Shuang Qi	Nanjing Forestry University
P.77	Chitosan adsorption of Congo red for supercapacitor research	Yang Gao	Beijing Institute of Technology
P.78	Lignin-induced Eutecticgel Electrolytes Enabling Wide-temperature Tolerance and High Energy Density Zinc-ion Hybrid Supercapacitors	Shengyu Tao	East China Normal University
P.79	Facile isolating of chitin nanofibril from silkworm chrysalis and its potential application in structuring oil	Rui Zhou	Nanjing Forestry University
P.80	Development of a Re-Moldable Lignin-Based Polyurethane with Enhanced Sustainability	YUEN Chun-Bong	The Chinese University of Hong Kong
P.81	Preparation of Carboxylated-Silk Nanofibers by the One-Pot Method of Maleic Acid Hydrolysis	Tian Huang	College of Chemical Engineering
P.82	A chitosan-based tough biofiber based on reinforcement of nanofiber and surface charge-modulation	Sen Xue	sichuan university
P.83	Self-assembly of gradient asymmetric pollen/BC films as strong	Zhou Zhixuan	Wuhan University
P.84	Lignin self-healing coatings based on thermo-reversible Diels-Alder reaction for anticorrosion applications	Jinsong Wang	Nanjing forestry University
P.85	Co-assembling hybrid microstructures for robust and shapeable bioplastics with sustainable lifecycles	Yijin Qiu	Wuhan university
P.86	Mayonnaise-like high internal phase emulsions based on nanochitin and inulin for curcumin delivery	Yujun Zou	Nanjing Forestry University
P.87	Millefeuille-inspired biomass alternate multilayer composite, for excellent absorption-dominated, broadband EMI shielding and joule heating	Qi Zhang	Sichuan University
P.88	A chitosan-based tough biofiber based on reinforcement of nanofiber and surface charge-modulation	Sen Xue	Sichuan University
P.89	Transparent wood-based Joule heating electrode for unidirectional heat transfer	Hongchao Peng	Sichuan University
P.90	Poly(lactic acid)/Lignin-g-poly(lauryl methacrylate) composite films toughened by epoxidized soybean oil for Potential Food Packaging	Hui SUN	Beijing Technology and Business University
P.91	Combination of chitin, lignin, and plant oil for high-performance sustainable elastomers	Feng Jiang	Anhui Agricultural University
P.92	Ox lignin – bringing promise to the portfolio of technical lignins	Jenny Sjöström	KTH Royal Institute of Technology
P.93	Hydroxypropyl Cellulose-Based Meter-Long Structurally Colored Fibers for Advanced Fabrics	Qinan Qin	Jilin University
P.94	Wood-inspired anisotropic PU/chitosan/MXene aerogel used as an enhanced solar evaporator with superior salt-resistance	Miao Sun	Northeast Forestry University
P.95	Regulation of Thermal Migration Channel in Cellulose Hydrogel to Achieve Huge Thermopower	Xinyuan Cheng	Wuhan University
P.96	Active biodegradable bacterial cellulose films with potential to minimize the plastic pollution: Preparation	Xiaotong Shi	Nanjing Forestry University
P.97	Supramolecular Responsive Chitosan Microcarriers for Cell Detachment Triggered by Adamantane	Lixia Huang	Hubei University of Education
P.98	Preparation of microfibre composite boron-doped carbon nanotubes and their performance in treating phenol-containing wastewater	Huilin Hu	South China University of Technology
P.99	Biomimetic Interface Engineering Approach for Universal Toughening of Rigid Fibers	Ke Zheng	Anhui Agricultural University
P.100	Cellulose aerogel evaporators with vertical channels inspired by lotus rods for highly efficient solar water evaporation	Zihui Wang	East China Normal University
P.101	Controllable preparation and morphology regulation of nanocelluloses from waste paper by a green hydrolysis method	Wanqing Lei	Xi'an University of Technology
P.102	High Performance Cellulose/ Sodium Alginate Based Gel Electrolyte Membrane for Advanced Zinc-ion batteries	Hongkun Wang	Zhejiang University
P.103	Regenerated Cellulose Films Obtained via Ball Milling with Dry Ice	Jingyu Chen	Sichuan University
P.104	Notch-insensitive, tough and self-healing conductive bacterial cellulose nanocomposite hydrogel for flexible wearable strain sensor	Zhengxiao Ji	East China Normal University