近两年代表性论文

论文名称	发表刊物	发表 年份	SCI 分区	影响 因子	作者
Advanced triboelectric materials for liquid energy harvesting and emerging application	MATERIALS TODAY	2021	1	31.041	蔡晨晨,罗斌,刘艳华,付秋,刘涛,王双飞,聂双喜
Molecular engineered optical probes for chemical warfare agents and their mimics: Advances, challenges and perspectives	COORDINATION CHEMISTRY REVIEWS	2022	1	22.315	朱北童,※盛瑞隆,※陈天宏,※João Rodrigues,※宋钦华,※胡惜朝,曾林涛
Triboelectric pulsed direct-current enhanced radical generation for efficient degradation of organic pollutants in wastewater	APPLIED CATALYSIS B- ENVIRONMENTAL	2022	1	19.503	刘新亮,莫济龙,吴万海,※宋海农,聂双喜
Stretchable Triboelectric Self-Powered Sweat Sensor Fabricated from Self-Healing Nanocellulose Hydrogels	ADVANCED FUNCTIONAL MATERIALS	2022	1	18.808	秦影,莫济龙,刘艳华,张松,王金龙,付秋,王双飞,聂双喜
Air-permeable cellulosic triboelectric materials for self-powered healthcare products	NANO ENERGY	2022	1	17.881	付秋,刘艳华,刘涛,莫济龙,张旺林,张松,罗斌,王金龙,秦影,王双飞,聂双喜
Wood-cellulose-fiber-based functional materials for triboelectric nanogenerators	NANO ENERGY	2021	1	17.881	张辰源,莫济龙,付秋,刘艳华,王双飞,聂双喜
Triboelectric nanogenerators for enhanced degradation of antibiotics via external electric field	NANO ENERGY	2021	1	17.881	莫济龙,刘艳华,付秋,蔡晨晨,卢彦序,吴万海,赵祯霞, ※宋海农,王双飞,聂双喜
Chemically tailored molecular surface modification of cellulose nanofibrils for manipulating the charge density of triboelectric nanogenerators	NANO ENERGY	2021	1	17.881	刘艳华,付秋,莫济龙,卢彦序,蔡晨晨,罗斌,聂双喜
Integration of a porous wood-based triboelectric nanogenerator and gas sensor for real-time wireless food-quality assessment	NANO ENERGY	2021	1	17.881	蔡晨晨,莫济龙,卢彦序,张妮,※吴正阳,王双飞,聂双 喜

Enhancement of Triboelectric Charge Density by Chemical Functionalization	ADVANCED FUNCTIONAL MATERIALS	2020	1	16.836	刘艳华,莫济龙,付秋,卢彦序,张妮,王双飞,聂双喜
Gas-Sensitive Cellulosic Triboelectric Materials for Self-Powered Ammonia Sensing	ADVANCED SCIENCE	2022	1	16.806	张旺林,赵佳敏,蔡晨晨,秦影,蒙香江,刘艳华,聂双喜
Radial Piston Triboelectric Nanogenerator-enhanced Cellulose Fiber Air Filter for Self-powered Particulate Matter Removal	NANO ENERGY	2020	1	16.602	莫济龙,张宸源,卢彦序,刘艳华,张妮,王双飞,聂双喜
Improved Capture and Removal Efficiency of Gaseous Acetaldehyde by a Self-Powered Photocatalytic System with an External Electric Field	ACS NANO	2021	1	15.881	付秋,刘艳华,莫济龙,卢彦序,蔡晨晨,赵祯霞,聂双喜, 王双飞
Bioinspired asymmetric amphiphilic surface for triboelectric enhanced efficient water harvesting	NATURE COMMUNICATIONS	2022	1	14.919	张松,迟明朝,莫济龙,刘涛,刘艳华,付秋,王金龙,罗 斌,秦影,王双飞,聂双喜
Hierarchical Porous Cellulosic Triboelectric Materials for Extreme Environmental Conditions	SMALL METHODS	2022	1	14.188	赵佳敏,张旺林,刘涛,刘艳华,秦影,莫济龙,蔡晨晨,张松,聂双喜
Spheres Multiple Physical Network-Based Triboelectric Materials for Self-Powered Contactless Sensing	SMALL	2022	1	13.281	张旺林,卢彦序,刘涛,赵佳敏,刘艳华,付秋,莫济龙,蔡 晨晨,聂双喜
Facile design of novel nanocellulose-based gel polymer electrolyte for lithium-ion batteries application	CHEMICAL ENGINEERING JOURNAL	2022	1	13.273	王巍,李政蒿,黄海波,李薇,王健霖
Tailoring and properties of a novel solar energy-triggered regenerative bionic fiber adsorbent for CO2 capture	CHEMICAL ENGINEERING JOURNAL	2022	1	13.273	卢苇,史霄宇,周航,罗文璐,王磊,何辉
Water-stable, strong, biodegradable lignocellulose straws replacement for plastic straws	CHEMICAL ENGINEERING JOURNAL	2022	1	13.273	董藤藤,陈卫,蔡辰辰,白飞天,周正,王金龙,李许生
Design of amphoteric bionic fibers by imitating spider silk for rapid and complete removal of low-level multiple heavy metal ions	CHEMICAL ENGINEERING JOURNAL	2021	1	13.273	周航,朱红祥,史霄宇,王磊,何辉,王双飞

Deciphering the formation of sludge blanket structure in anaerobic granular systems from the perspective of bubble-entrapment assumption	CHEMICAL ENGINEERING JOURNAL	2021	1	13.273	赵姗姗,甘鹏,※陆立海,※陈永利,※周业丰,王双飞, 王志伟,张健
Paper-based dual-mode liquid manipulation system: Oil/water separation and time-lapse droplet switch	CHEMICAL ENGINEERING JOURNAL	2021	1	13.273	张松,李薇,王巍,覃程荣,王双飞
High-performance quaternary ammonium-functionalized chitosan/graphene oxide composite aerogel for remelt syrup decolorization in sugar refining	CHEMICAL ENGINEERING JOURNAL	2021	1	13.273	肖尧,陆海勤,史昌蓉,※雷福厚,※Darryn,李凯,※李 文,William
Carboxymethylated nanocellulose-based gel polymer electrolyte with a high lithium ion transfer number for flexible lithium-ion batteries application	CHEMICAL ENGINEERING JOURNAL	2021	1	13.273	王健霖,王淳玉,王巍,李薇,楼锦程
Design of thermo-responsive hyperbranched nanofibre-based adsorbent with high CO2 adsorption capacity and analysis of its ultra-low temperature regeneration mechanism	CHEMICAL ENGINEERING JOURNAL	2021	1	13.273	史霄宇,卢苇,薛怡春,周航,薛飞,何辉,※王松林,王双飞
A bioinspired ratiometric fluorescence probe based on cellulose nanocrystal- stabilized gold nanoclusters for live-cell and zebrafish imaging of highly reac- tive oxygen species	CHEMICAL ENGINEERING JOURNAL	2021	1	13.273	全宗艳,薛飞,李浩源,陈智平,王磊,朱红祥,※庞春林,何辉
Enhanced performance of a cellulose nanofibrils-based triboelectric nanogenerator by tuning the surface polarizability and hydrophobicit	CHEMICAL ENGINEERING JOURNAL	2021	1	13.273	聂双喜,付秋,林雪娇,张辰源,卢彦序,王双飞
High-performance near-infrared fluorescence probe for fast and specific visualization of harmful sulfite in food, living cells, and zebrafish	CHEMICAL ENGINEERING JOURNAL	2021	1	13.273	姜利荣,陈天宏,宋尔旺,范颖,闵斗勇,曾林涛,※鲍光明
microspheres as an effective green adsorbent to remove high- molecular-weight invert sugar alkaline degradation products	CHEMICAL ENGINEERING JOURNAL	2021	1	13.273	郭丽云,陆海勤,Darryn,史昌蓉,※李文,李凯,William
A novel medically imageable intelligent cellulose nanofibril-based injectable hydrogel for the chemo-photothermal therapy of tumors	CHEMICAL ENGINEERING JOURNAL	2021	1	13.273	陈智平,陈日梅,赵超,全宗艳,朱红祥,王磊,※卜庆,何永惠,何辉
A bionic cellulose nanofiber-based nanocage wound dressing for NIR-triggered multiple synergistic therapy of tumors and infected wounds	BIOMATERIALS	2021	1	12.479	陈日梅,赵超,陈智平,史霄宇,朱红祥,※卜庆,王磊,※ 王春芳,何辉

A portable chromogenic and fluorogenic membrane sensor for ultrasensitive, specific and instantaneous visualizing of lethal phosgene	JOURNAL OF MATERIALS CHEMISTRY A	2020	1	11.301	陈天宏,姜利荣,※后际挺,王巍,曾林涛,※鲍光明
Cellulose-based amphoteric adsorbent for the complete removal of low-level heavy metal ions via a specialization and cooperation mechanism	CHEMICAL ENGINEERING JOURNAL	2020	1	10.652	周航,朱红祥,薛飞,何辉,王双飞
Structural design of a cellulose-based hyperbranched adsorbent for the rapid and complete removal of Cr(VI) from water	CHEMICAL ENGINEERING JOURNAL	2020	1	10.652	 薛飞,何辉,周航,全宗艳,陈智平,伍琪,朱红祥,王双飞
Enhanced performance of a cellulose nanofibrils-based triboelectric nanogenerator by tuning the surface polarizability and hydrophobicity	CHEMICAL ENGINEERING JOURNAL	2020	1	10.652	聂双喜,付秋,林雪娇,张宸源,卢彦序,王双飞
A phenyl-rich β-cyclodextrin porous crosslinked polymer for efficient removal of aromatic pollutants: Insight into adsorption performance and mechanism	CHEMICAL ENGINEERING JOURNAL	2020	1	10.652	黄秋媛,柴坤刚,周利琴,纪红兵
Highly flexible, self-healable and conductive poly(vinyl alcohol)/Ti3C2Tx MXene film and it's application in capacitive deionization	CHEMICAL ENGINEERING JOURNAL	2020	1	10.652	艾珈伊,李坚斌,李凯,※FeiYu,※JieMa
AgBr nanoparticles decorated 2D/2D GO/Bi2WO6 photocatalyst with enhanced photocatalytic performance for the removal of tetracycline hydrochloride	CHEMICAL ENGINEERING JOURNAL	2020	1	10.652	Zhiling Guan,Xiaoming Li,You Wu,Zhuo Chen,Xiaoding Huang,Dongbo Wang,Qi Yang,Jiale Liu,Suhong Tian,Suhong Tian,赵辉
Kinetics of the reaction between a lignin model compound and chlorine dioxide	CHEMICAL ENGINEERING JOURNAL	2020	1	10.652	LeiMing,BinLuo,QingtongZhang,ChenyanGuo,MingchaoChi,XiaojingYun,陈昌洲,闵斗勇,王双飞
Mangrove leaves: An undeniably important sink of MPs from tidal water and air	JOURNAL OF HAZARDOUS MATERIALS	2021	1	10.588	李锐龙,※魏超贤,焦猛,王艺锦,※孙海峰
Preparation and properties of a dual-function cellulose nanofiber- based bionic biosensor for detecting silver ions and acetylcholinesterase	JOURNAL OF HAZARDOUS MATERIALS	2021	1	10.588	王磊,郭威,朱红祥,何辉,王双飞
Enabled cellulose nanopaper with outstanding water stability and wet strength via activated residual lignin as a reinforcement	GREEN CHEMISTRY	2021	1	10.182	王金龙,陈卫,董藤藤,王海琦,司淑润,李许生

Recent advances in structural color display of cellulose nanocrystal materials	APPLIED MATERIALS TODAY	2021	1	10.041	许承龙,黄崇杏,黄浩河
A molecular recognition platform for the simultaneous sensing of diverse chemical weapons	CHEMICAL SCIENCE	2022	1	9.825	曾林涛,※陈天宏,朱北童,※Seyoung Koo,唐永和,林 伟英,※Tony D. James,※Jong Seung Kim
Fiber swelling to improve cycle performance of paper-based separator for lithium-ion batteries application	Journal of Energy Chemistry	2022	1	9.676	李政蒿,王巍,※梁欣苗,王健霖,徐涌林,李薇
Efficient removal of residual lignin from eucalyptus pulp via high- concentration chlorine dioxide treatment and its effect on the properties of residual solids	BIORESOURCE TECHNOLOGY	2022	1	9.642	章程荣,曾华丽,刘宝杰,朱家添,王飞,王硕,梁辰,※黄 曹兴,※马纪亮,姚双全
Enhancement of separation selectivity of hemicellulose from bamboo using freeze–thaw-assisted p-toluenesulfonic acid treatment at low acid concentration and high temperature	BIORESOURCE TECHNOLOGY	2022	1	9.642	彭美姣,朱家添,罗雅丹,李涛,夏雪莲,覃程荣,梁辰,※ 卞辉洋,姚双全
Competitive effects of glucan's main hydrolysates on biochar formation: A combined experiment and density functional theory analysis	BIORESOURCE TECHNOLOGY	2022	1	9.642	康希恒,彭坚,※Arthur J. Ragauskas,任小菲,※司传领,王双飞,宋雪萍
Highly selective separation of eucalyptus hemicellulose by salicylic acid treatment with both aromatic and hydroxy acids	BIORESOURCE TECHNOLOGY	2022	1	9.642	邓宝娟,后亚军,王飞,鲍玉琪,曾繁研,覃程荣,梁辰,※ 黄曹兴,※马纪亮,姚双全
High-efficiency separation of hemicellulose from bamboo by one- step freeze–thaw-assisted alkali treatment	BIORESOURCE TECHNOLOGY	2022	1	9.642	曾繁妍,王姗姗,梁嘉睿,曹利明,刘晓旭,覃程荣,梁辰, ※司传领,喻泽斌,姚双全
High efficiency and clean separation of eucalyptus components by glycolic acid pretreatment	BIORESOURCE TECHNOLOGY	2021	1	9.642	罗雅丹,李岩,曹丽明,朱家添,邓宝娟,后亚军,梁辰,※ 黄曹兴,覃程荣,姚双全
Structure-property-performance relationships of lactic acid-based deep eutectic solvents with different hydrogen bond acceptors for corn stover pretreatment	BIORESOURCE TECHNOLOGY	2021	1	9.642	梁欣泉,竹源,※齐本坤,※李世谦,※罗建泉,※万印华
Green, efficient extraction of bamboo hemicellulose using freeze- thaw assisted alkali treatment	BIORESOURCE TECHNOLOGY	2021	1	9.642	李晶,刘肇蒙,冯成启,柳晓颖,覃芳瑜,梁辰,※卞辉洋,覃程荣,姚双全

BIORESOURCE TECHNOLOGY	2021	1	9.642	付文才,李美玲,党文豪,朱凯莉,※陈国宁,张健,王双飞,※郭延柱,王志伟
BIORESOURCE TECHNOLOGY	2022	1	9.642	冯成启,朱家添,后亚军,覃程荣,陈旺前,农雨浩,廖长 朋,梁辰,※卞辉洋,姚双全
BIORESOURCE TECHNOLOGY	2022	1	9.642	曾华丽,刘宝杰,李娇,李梅,彭美姣,覃程荣,梁辰,※黄 曹兴,※李新平,姚双全
ENVIRONMENT INTERNATIONAL	2022	1	9.621	李锐龙,※朱龙吉,※崔丽,※朱永官
CARBOHYDRATE POLYMERS	2022	1	9.381	邹湘媛,姚良逸,周舒琦,※陈国宁,王双飞,※刘秀宇, 姜言
CARBOHYDRATE POLYMERS	2022	1	9.381	徐荧,陈新瑞,张彩霞,※Arthur J.Ragauskas,※文甲龙,※赵培涛,※司传领,※徐婷,宋雪萍
CARBOHYDRATE POLYMERS	2022	1	9.381	王鑫,韩金致,庞树宇,李娇,赵晋蔚,覃程荣,姚双全,刘杨,梁辰
CARBOHYDRATE POLYMERS	2022	1	9.381	石孝坤,陈智平,何永惠,陆勤,陈日梅,赵超,董蝶,孙雨 霈,何辉
CARBOHYDRATE POLYMERS	2022	1	9.381	刘亦婷,※李文,李凯,Pratheep Kumar Annamalai,Steven Pratt,Morteza Hassanpour,陆 海勤,Zhanying Zhang
CARBOHYDRATE POLYMERS	2022	1	9.381	姜言,张梦阳,※翁梦玲,※刘秀宇,※容贤健,※黄钦,※ 陈国宁,王双飞,王利军
CARBOHYDRATE POLYMERS	2021	1	9.381	徐荧,杨爽,※赵培涛,吴敏,宋雪萍,※ ArthurJ.Ragauskas
	BIORESOURCE TECHNOLOGY BIORESOURCE TECHNOLOGY ENVIRONMENT INTERNATIONAL CARBOHYDRATE POLYMERS CARBOHYDRATE POLYMERS CARBOHYDRATE POLYMERS CARBOHYDRATE POLYMERS CARBOHYDRATE POLYMERS CARBOHYDRATE POLYMERS	BIORESOURCE TECHNOLOGY 2022 BIORESOURCE TECHNOLOGY 2022 ENVIRONMENT 2022 CARBOHYDRATE POLYMERS 2022	BIORESOURCE TECHNOLOGY 2022 1 BIORESOURCE TECHNOLOGY 2022 1 ENVIRONMENT 2022 1 CARBOHYDRATE POLYMERS 2022 1	BIORESOURCE TECHNOLOGY 2022 1 9.642 BIORESOURCE TECHNOLOGY 2022 1 9.642 ENVIRONMENT 2022 1 9.621 CARBOHYDRATE POLYMERS 2022 1 9.381 CARBOHYDRATE POLYMERS 2022 1 9.381

TOCNC-g-PEI nanoparticle encapsulated oregano essential oil for enhancing the antimicrobial activity of cellulose nanofibril packaging films	CARBOHYDRATE POLYMERS	2021	1	9.381	吴敏,杨健,陈顺利,鲁鹏,王睿芳
Xylan and xylose decomposition during hot water pre-extraction: A pH-regulated hydrolysis	CARBOHYDRATE POLYMERS	2021	1	9.381	康希恒,※汪云燕,王双飞,宋雪萍
Heteroatom-doped porous carbon nanoparticle-decorated carbon cloth (HPCN/CC) as efficient anode electrode for microbial fuel cells (MFCs)	JOURNAL OF CLEANER PRODUCTION	2022	1	9.297	朱凯莉,王双飞,刘辉,刘世界,张健,袁金霞,付文才,党文豪,许一虎,杨晓,王志伟
Fluorescence Enhancement of Lignin-Based Carbon Quantum Dots by Concentration-Dependent and Electron-Donating Substituent Synergy and Their Cell Imaging Applications	ACS Applied Materials & District Actions (ACS Applied Materials & District Actions)	2021	1	9.229	赵思宇,陈新瑞,张彩霞,※赵培涛,Arthur J. Ragauskas,宋雪萍
Bioinspired Multifunctional Cellulose Nanofibril-Based In Situ Liquid Wound Dressing for Multiple Synergistic Therapy of the Postoperative Infected Wound	ACS Applied Materials & District Actions (ACS Applied Materials & District Actions)	2021	1	9.229	赵超,陈日梅,陈智平,陆勤,朱红祥,※卜庆,尹佳丽,何辉
Super-hydrophobic Cellulose Nanofiber Air Filter with Highly Efficient Filtration and Humidity Resistance	ACS Applied Materials & Diterfaces	2021	1	9.229	刘涛,蔡晨晨,马瑞佳,邓永飞,涂凌云,范毅烽,陆登俊
Design of a Superhydrophobic Strain Sensor with a Multilayer Structure for Human Motion Monitoring	ACS Applied Materials & Diterfaces	2021	1	9.229	高炜晨,※吴蔚,陈昌洲,赵辉,刘杨,※李庆,黄崇杏,※ 胡国华,王双飞,※施德安,※张群朝
Multi-scale supramolecular structure of Pouteria campechiana (Kunth) Baehni seed and pulp starch	FOOD HYDROCOLLOIDS	2021	1	9.147	李博,※朱立斌,※王艺潼,※张彦军,黄崇杏,赵媛,※徐 飞,※朱科学,※吴刚
A novel underutilized starch resource— Lucuma nervosa A.DC seed and fruit	FOOD HYDROCOLLOIDS	2021	1	9.147	李博,※张雨桐,※张雅媛,※张彦军,※徐飞,※朱科学, 黄崇杏
Starch characterizations of two kinds of seedless Artocarpus altilis (Parkinson) Fosberg originated from China	FOOD HYDROCOLLOIDS	2021	1	9.147	李博,※王艺瞳,※朱立斌,黄崇杏,※张彦军,赵媛,※吴刚,※谭乐和
Dual C-Cl isotope analysis for characterizing the anaerobic transformation of α , β , γ , and δ -hexachlorocyclohexane in contaminated aquifers	WATER RESEARCH	2020	1	9.130	刘亚青,Steffen Kümmel,Jun Yao,Ivonne Nijenhuis,Hans-Hermann Richnow

In situ growth gold nanoparticles in three-dimensional sugarcane membrane for flow catalytical and antibacterial application	JOURNAL OF HAZARDOUS MATERIALS	2020	1	9.038	QingtongZhang,MingfuLi,BinLuo,YuyingLuo,江虹锐,陈昌洲,王双飞,闵斗勇
Preparation, Properties, and Application of Lignocellulosic- Based Fluorescent Carbon Dots	CHEMSUSCHEM	2022	1	8.928	宋雪萍,赵思宇,徐荧,陈新瑞,王双飞,※赵培 涛,Yunqiao Pu,※Arthur J. Ragauskas
Polydopamine-modified ceramic membrane for filtering brown sugar redissolved syrup: Characterisation, experiments, and advanced modelling	JOURNAL OF MEMBRANE SCIENCE	2022	1	8.742	熊艳舒,※李文,陆海勤,※廖春玉,※余海清,李凯
Role Evaluation of Active Groups in Lignin on UV-Shielding Performance	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2022	1	8.198	李亚蓉,赵思宇,胡东彬, Arthur J. Ragauskas,曹郸 予,刘文青,※司传领,※徐婷,※赵培涛,宋雪萍,李凯
Design of intelligent nanofiber-based solid amine adsorbent with high CO2 capture capacity and ultralow regeneration temperature	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2021	1	8.198	林杰涵,卢苇,史霄宇,陆勤,王磊,何辉
A high-stable soybean-oil-based epoxy acrylate emulsion stabilized by silanized nanocrystalline cellulose as a sustainable paper coating for enhanced water vapor barrier	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2022	1	8.128	田旭旺,吴敏,王志伟,※张健,鲁鹏
Dual C-Cl Isotope Analysis for Characterizing the Reductive Dechlorination of α- and γ-Hexachlorocyclohexane by Two Dehalococcoides mccartyi Strains and an Enrichment Culture	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2020	1	7.864	刘亚青,Jia Liu,Julian Renpenning,Ivonne Nijenhuis, Hans-Hermann Richnow
Chemically Functionalized Cellulose Nanofibrils for Improving Triboelectric Charge Density of a Triboelectric Nanogenerator	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2020	1	7.632	聂双喜,蔡晨晨,林雪娇,张宸源,卢彦序,莫济龙,王双 飞
Highly Transparent, UV-Shielding, and Water-Resistant Lignocellulose Nanopaper from Agro-Industrial Waste for Green Optoelectronics	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2020	1	7.632	姜言,王泽海,※刘秀宇,※杨强,※黄钦,王利军,※戴 毅,覃程荣,王双飞
Effect of hydrothermal pretreatment on the demineralization and thermal degradation behavior of eucalyptus	BIORESOURCE TECHNOLOGY	2020	1	7.539	戈佳艳,吴玉婷,韩雨姗,覃程荣,聂双喜,ShijieLiu,王 双飞,姚双全
Green production of fluorescent carbon quantum dots based on pine wood and its application in the detection of Fe3+	JOURNAL OF CLEANER PRODUCTION	2020	1	7.246	赵思宇,宋雪萍,柴新宇,※赵培涛,何辉,刘镇玮

Sugar and value-added products derived from retentate concentrate of sugarcane juice	JOURNAL OF CLEANER PRODUCTION	2020	1	7.246	史昌蓉,谢彩锋,※张占营,※DarrynRackemann,韦 保耀,杭方学,陆海勤,李凯,※WilliamO.S.Doherty
A biocompatible cellulose-nanofiber-based multifunctional material for Fe3+ detection and drug delivery	JOURNAL OF MATERIALS CHEMISTRY C	2020	1	7.059	王磊,朱红祥,※徐国涛,侯旭东,何辉,王双飞
Modification of Ovalbumin by Maillard Reaction: Effect of Heating Temperature and Different Monosaccharides	FRONTIERS IN NUTRITION	2022	1	6.576	闫雨洁,杭方学,魏甜甜,谢彩锋,牛德宝
Effect of new type extrusion modification technology on supramolecular structure and in vitro glycemic release characteristics of starches with various estimated glycemic indices	FRONTIERS IN NUTRITION	2022	1	6.576	李博,※张彦军,罗婉如,※刘金,黄崇杏
Ultrasonic-Assisted Dual-Alkali Pretreatment and Enzymatic Hydrolysis of Sugarcane Bagasse Followed by Candida tropicalis Fermentation to Produce Xylitol	FRONTIERS IN NUTRITION	2022	1	6.576	盖莉莉,※任二芳,田雯,牛德宝,孙卫东,杭方学,李凯
Ultrasonic treatment on physicochemical properties of water-soluble protein from Moringa oleifera seed	ULTRASONICS SONOCHEMISTRY	2020	1	6.513	唐诗琦,杜秋函,符珍
Efficient separation of eucalyptus hemicellulose and improvement of the stability of the remaining components by 1-amino-2-naphthol-4-sulfonic acid pretreatment	INDUSTRIAL CROPS AND PRODUCTS	2022	1	5.645	刘宝杰,李娇,柳露,姚明珠,梁嘉睿,覃程荣,梁辰,※黄曹兴,※张召,姚双全
Novel stretchable fiber-shaped fluidic nanogenerators fabricated from carbonized lignin/thermoplastic polyurethane	INDUSTRIAL CROPS AND PRODUCTS	2022	1	5.645	高嘉雯,张含笑,张倩楠,李思琪,罗斌,沙九龙,※刘洪斌
High performance supercapacitors assembled with hierarchical porous carbonized wood electrode prepared through self-activation	INDUSTRIAL CROPS AND PRODUCTS	2022	1	5.645	Chen Yangyang,Yu Yuanyuan,Zhang Xiaoxuan,Guo Chenyan,陈昌洲,王双飞,闵斗勇
Strong fibrous filaments nanocellulose crystals prepared by self- twisting microfluidic spinning	INDUSTRIAL CROPS AND PRODUCTS	2022	1	5.645	王加宝,高倩,王誉达,刘新亮,聂双喜
Electrocoagulation pretreatment reduced the synergistic inhibition of anaerobic granular sludge by micro stickies and Ca2+ and delayed the calcification of granular sludge	INDUSTRIAL CROPS AND PRODUCTS	2022	1	5.645	刘辉,杨晓,朱凯莉,党文豪,付文才,张健,王志伟,陈国 宁,王双飞

Technology and mechanism of enhanced compatibilization of polylactic acid-grafted glycidyl methacrylate	INDUSTRIAL CROPS AND PRODUCTS	2021	1	5.645	韩晓雪,黄丽婕,魏哲豪,王亚男,陈浩彬,黄崇杏,※苏 少珍
Structure and functionality of cassava starch in different deep eutectic solvents/water mixtures: A comparative study	INDUSTRIAL CROPS AND PRODUCTS	2021	1	5.645	曾灵玉,毛伟,郝加稳,叶桂荣,宋雪萍,曾灵,王双飞,周 敬红
Nano silver decorating three-dimensional porous wood used as a catalyst for enhancing azo dyes hydrogenation in wastewater	INDUSTRIAL CROPS AND PRODUCTS	2021	1	5.645	Yu Yuanyuan,Huo Huashuang,Zhang Qingtong,Chen Yangyang,王双飞,※Liu Xi,陈昌洲, 闵斗勇
Reconstruction of a Cofactor Self-Sufficient Whole-Cell Biocatalyst System for Efficient Biosynthesis of Allitol from D-Glucose	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2022	1	5.279	赵婧邑,郭燕,李秋凤,※陈静,牛德宝,刘继栋
Integrative Analysis of the Gut Microbiota and Metabolome for In Vitro Human Gut Fermentation Modeling	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2021	1	5.279	万楚,吴凯璋,陆星宇,方芳,李雅倩,赵裕民,李树波,高 洁
Residual-lignin-endowed molded pulp lunchbox with a sustained wet support strength	INDUSTRIAL CROPS AND PRODUCTS	2021	1	4.244	王海琦,王金龙,司淑润,王琪,李许生,王双飞
Rheological characterization of ball-milled corn stover with different fragmentation scales at high-solids loading	INDUSTRIAL CROPS AND PRODUCTS	2021	1	4.244	陆敏生,※何丁平,※李骏宝,※韩鲁佳,※肖卫华
Green approach to facilely design hydrophobic aerogel directly from bagasse	INDUSTRIAL CROPS AND PRODUCTS	2021	1	4.244	李薇,李泽荣,王巍,李政蒿,李倩,覃程荣,※曹斐姝
Acidolysis mechanism of lignin from bagasse during p- toluenesulfonic acid treatment	INDUSTRIAL CROPS AND PRODUCTS	2021	1	4.244	冯成启,朱家添,曹丽明,李岩,覃程荣,梁辰,姚双全
Lignin-based monolithic carbon electrode decorating with RuO2 nanospheres for high-performance chlorine evolution reaction	INDUSTRIAL CROPS AND PRODUCTS	2020	1	4.244	迟明超,罗斌,张清桐,江虹锐,陈昌洲,王双飞,闵斗勇
Catalytical and antibacterial sugarcane filter decorated with sliver nanoparticle for water treatment	INDUSTRIAL CROPS AND PRODUCTS	2021	1	4.244	ZhangQingtong,ZhangXiaoxuan,ChiMingchao,Ha nYushan,江虹锐,陈昌洲,王双飞,闵斗勇

Anion Exchange membrane with High hydroxide ion conductivity and robust tensile strength fabricated from quaternary ammonia functionalized Pinus contorta, Dougl. Chip	INDUSTRIAL CROPS AND PRODUCTS	2021	1	4.244	LeiMing,ZhangQingtong,ChiMingchao,YuYuanyu an,江虹锐,王双飞,闵斗勇
Evaluation of Mycoflora and Citrinin Occurrence in Chinese Liupao Tea	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2020	1	4.192	李中宇,毛彦,滕建文,夏宁,韦保耀,黄丽,陈庆金
Pathway dissection, regulation, engineering and application: lessons learned from biobutanol production by solventogenic clostridia	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2020	1	4.192	李树波,黄丽,柯成竹,庞宗文,※刘立明
Temperature/pH smart nanofibers with excellent biocompatibility and their dual interactions stimulus-responsive mechanism	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2020	1	4.192	何辉,史霄宇,陈文博,陈日梅,赵超,王双飞
Intelligent cellulose nanofibers with excellent biocompatibility enable sustained antibacterial and drug release via a pH-responsive mechanism	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2020	1	4.192	何辉,程梅笑,梁渝廷,朱红祥,孙雨霈,董蝶,王双飞
Research progress on the biological activities of selenium polysaccharides	FOOD & FUNCTION	2020	1	4.171	周凝,龙海荣,王成华,余炼,赵谋明,刘小玲