

序号	论文名称	发表刊物	发表时间	本校排名	分区类型	影响因子	完成人
1	Underestimated Microplastic Pollution Derived from Fishery Activities and "Hidden" in Deep Sediment	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2020-01-29	1	SCI	7.864	薛宝明,张琳琳,李锐龙,王英辉,郭靖,余克服,王少鹏
2	Tuning of size and properties of cellulose nanofibers isolated from sugarcane bagasse by endoglucanase-assisted mechanical grinding	INDUSTRIAL CROPS AND PRODUCTS	2020-02-04	1	SCI	4.244	刘秀宇,姜言,王利军,宋雪萍,覃程荣,王双飞
3	Pathway dissection, regulation, engineering and application: lessons learned from biobutanol production by solventogenic clostridia	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2020-02-15	1	SCI	4.192	李树波,黄丽,柯成竹,庞宗文,刘立明
4	Efficient Fractionation of Corn Stover for Biorefinery Using a Sustainable Pathway	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2020-02-20	3	SCI	7.632	于海龙,徐玉芹,侯晶晶,倪永浩,刘悦,聂双喜,吴琼,吴朝俊
5	Intelligent cellulose nanofibers with excellent biocompatibility enable sustained antibacterial and drug release via a pH-responsive mechanism	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2020-02-24	1	SCI	4.192	何辉,程梅笑,梁渝廷,朱红祥,孙雨霏,董蝶,王双飞
6	Efficient catalytic production of biomass-derived levulinic acid over phosphotungstic acid in deep eutectic solvent	INDUSTRIAL CROPS AND PRODUCTS	2020-03-06	2	SCI	4.244	李霄云,陆雪彬,聂双喜,梁敏,于志豪,段炳宇,杨嘉欣,徐睿,陆乐夫,司传林
7	Kinetics of the reaction between a lignin model compound and chlorine dioxide	CHEMICAL ENGINEERING JOURNAL	2020-03-17	1	SCI	10.652	LeiMing,BinLuo,QingtongZhang,ChenyanGuo,MingchaoChi,XiaoqingYun,陈昌洲,闵斗勇,王双飞
8	Cellulose-based amphoteric adsorbent for the complete removal of low-level heavy metal ions via a specialization and cooperation mechanism	CHEMICAL ENGINEERING JOURNAL	2020-04-01	1	SCI	10.652	周航,朱红祥,薛飞,何辉,王双飞
9	Improving the flexibility of bamboo mechanical pulp fibers for production of high soft tissue handsheets	INDUSTRIAL CROPS AND PRODUCTS	2020-04-16	2	SCI	4.244	安新野,刘江,刘丽琴,张浩,聂双喜,曹海斌,徐庆良,刘洪斌
10	beta-Cyclodextrin-Promoted Colorimetric and Fluorescence Turn-on Probe for Discriminating Highly Toxic Thiophenol from Biothiols	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2020-04-27	3	SCI	7.632	胥婷,赵邵静,吴晓丽,曾林涛,蓝敏焕
11	A phenyl-rich $\beta$ -cyclodextrin porous crosslinked polymer for efficient removal of aromatic pollutants: Insight into adsorption performance and mechanism	CHEMICAL ENGINEERING JOURNAL	2020-05-01	1	SCI	10.652	黄秋媛,柴坤刚,周利琴,纪红兵
12	Fast and visual detection of a chemical warfare agent mimic using a simple, effective and portable chemodosimeter	SENSORS AND ACTUATORS B-CHEMICAL	2020-05-11	2	SCI	7.100	胡惜朝,曾红艳,陈天宏,袁厚群,曾林涛,鲍光明
13	Research progress on the biological activities of selenium polysaccharides	FOOD & FUNCTION	2020-05-25	1	SCI	4.171	周凝,龙海荣,王成华,余炼,赵谋明,刘小玲

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14	Non-carbonized porous lignin-free wood as an effective scaffold to fabricate lignin-free Wood@Polyaniline supercapacitor material for renewable energy storage application	JOURNAL OF POWER SOURCES	2020-05-30	2	SCI	8.247	熊川音,李梦蕊,聂双喜,党伟华,赵薇,戴磊,倪勇浩
15	Temperature/pH smart nanofibers with excellent biocompatibility and their dual interactions stimulus-responsive mechanism	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2020-06-19	1	SCI	4.192	何辉,史霄宇,陈文博,陈日梅,赵超,王双飞
16	In situ growth gold nanoparticles in three-dimensional sugarcane membrane for flow catalytical and antibacterial application	JOURNAL OF HAZARDOUS MATERIALS	2020-07-09	1	SCI	9.038	QingtongZhang,MingfuLi,BinLuo,YuyingLuo,江虹锐,陈昌洲,王双飞,闵斗勇
17	A biocompatible cellulose-nanofiber-based multifunctional material for Fe <sup>3+</sup> detection and drug delivery	JOURNAL OF MATERIALS CHEMISTRY C	2020-07-13	1	SCI	7.059	王磊,朱红祥,徐国涛,侯旭东,何辉,王双飞
18	Enhancement of Triboelectric Charge Density by Chemical Functionalization	ADVANCED FUNCTIONAL MATERIALS	2020-07-15	1	SCI	16.836	刘艳华,莫济龙,付秋,卢彦序,张妮,王双飞,聂双喜
19	Effect of hydrothermal pretreatment on the demineralization and thermal degradation behavior of eucalyptus	BIORESOURCE TECHNOLOGY	2020-07-24	1	SCI	7.539	戈佳艳,吴玉婷,韩雨姗,覃程荣,聂双喜,ShijieLiu,王双飞,姚双全
20	Enhanced performance of a cellulose nanofibrils-based triboelectric nanogenerator by tuning the surface polarizability and hydrophobicity	CHEMICAL ENGINEERING JOURNAL	2020-07-31	1	SCI	10.652	聂双喜,付秋,林雪娇,张宸源,卢彦序,王双飞
21	Green production of fluorescent carbon quantum dots based on pine wood and its application in the detection of Fe <sup>3+</sup>	JOURNAL OF CLEANER PRODUCTION	2020-08-01	1	SCI	7.246	赵思宇,宋雪萍,柴新宇,赵培涛,何辉,刘镇玮
22	Radial Piston Triboelectric Nanogenerator-enhanced Cellulose Fiber Air Filter for Self-powered Particulate Matter Removal	NANO ENERGY	2020-08-27	1	SCI	16.602	莫济龙,张宸源,卢彦序,刘艳华,张妮,王双飞,聂双喜
23	Sugar and value-added products derived from retentate concentrate of sugarcane juice	JOURNAL OF CLEANER PRODUCTION	2020-08-27	1	SCI	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
24	Highly flexible, self-healable and conductive poly(vinyl alcohol)/Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene film and its application in capacitive deionization	CHEMICAL ENGINEERING JOURNAL	2020-10-07	1	SCI	10.652	艾珈伊,李坚斌,李凯,FeiYu,JieMa
25	Ultrasonic treatment on physicochemical properties of water-soluble protein from Moringa oleifera seed	ULTRASONICS SONOCHEMISTRY	2020-10-07	1	SCI	6.513	唐诗琦,杜秋函,符珍

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26	Evaluation of Mycoflora and Citrinin Occurrence in Chinese Liupao Tea	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2020-10-28	1	SCI	4.192	李中宇,毛彦,滕建文,夏宁,韦保耀,黄丽,陈庆金
27	Lignin-based monolithic carbon electrode decorating with RuO <sub>2</sub> nanospheres for high-performance chlorine evolution reaction	INDUSTRIAL CROPS AND PRODUCTS	2020-10-30	1	SCI	4.244	迟明超,罗斌,张清桐,江虹锐,陈昌洲,王双飞,闵斗勇
28	A portable chromogenic and fluorogenic membrane sensor for ultrasensitive, specific and instantaneous visualizing of lethal phosgene	JOURNAL OF MATERIALS CHEMISTRY A	2020-11-02	1	SCI	11.301	陈天宏,姜利荣,后际挺,王巍,曾林涛,鲍光明
29	Recyclable deep eutectic solvent coupling sodium hydroxide post-treatment for boosting woody/herbaceous biomass conversion at mild condition	BIORESOURCE TECHNOLOGY	2020-11-02	2	SCI	7.539	周雪莲,黄天娇,刘珏,高焕丽,卞辉洋,王瑞彬,黄晨,沙九龙,戴红旗
30	Highly Transparent, UV-Shielding, and Water-Resistant Lignocellulose Nanopaper from Agro-Industrial Waste for Green Optoelectronics	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2020-11-10	1	SCI	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
31	Chemically Functionalized Cellulose Nanofibrils for Improving Triboelectric Charge Density of a Triboelectric Nanogenerator	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2020-12-08	1	SCI	7.632	聂双喜,蔡晨晨,林雪娇,张宸源,卢彦序,莫济龙,王双飞
32	Structural design of a cellulose-based hyperbranched adsorbent for the rapid and complete removal of Cr(VI) from water	CHEMICAL ENGINEERING JOURNAL	2020-12-11	1	SCI	10.652	薛飞,何辉,周航,全宗艳,陈智平,伍琪,朱红祥,王双飞
33	AgBr nanoparticles decorated 2D/2D GO/Bi <sub>2</sub> WO <sub>6</sub> photocatalyst with enhanced photocatalytic performance for the removal of tetracycline hydrochloride	CHEMICAL ENGINEERING JOURNAL	2020-12-20	2	SCI	10.652	Zhiling Guan,Xiaoming Li,You Wu,Zhuo Chen,Xiaoding Huang,Dongbo Wang,Qi Yang,Jiale Liu,Suhong Tian,Suhong Tian,赵辉
34	Recent advances in structural color display of cellulose nanocrystal materials	APPLIED MATERIALS TODAY	2021-01-06	1	SCI	10.041	许承龙,黄崇杏,黄浩河
35	Enhanced performance of a cellulose nanofibrils-based triboelectric nanogenerator by tuning the surface polarizability and hydrophobicity	CHEMICAL ENGINEERING JOURNAL	2021-01-15	1	SCI	13.273	聂双喜,付秋,林雪娇,张宸源,卢彦序,王双飞
36	Design of amphoteric bionic fibers by imitating spider silk for rapid and complete removal of low-level multiple heavy metal ions	CHEMICAL ENGINEERING JOURNAL	2021-01-30	1	SCI	13.273	周航,朱红祥,史霄宇,王磊,何辉,王双飞

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37	Effect of endoglucanase and high-pressure homogenization post-treatments on mechanically grinded cellulose nanofibrils and their film performance	CARBOHYDRATE POLYMERS	2021-02-01	1	SCI	9.381	徐荧,杨爽,赵培涛,吴敏,宋雪萍,Arthur J. Ragauskas
38	Integration of a porous wood-based triboelectric nanogenerator and gas sensor for real-time wireless food-quality assessment	NANO ENERGY	2021-02-02	1	SCI	17.881	蔡晨晨,莫济龙,卢彦序,张妮,吴正阳,王双飞,聂双喜
39	Preparation and properties of a dual-function cellulose nanofiber-based bionic biosensor for detecting silver ions and acetylcholinesterase	JOURNAL OF HAZARDOUS MATERIALS	2021-02-05	1	SCI	10.588	王磊,郭威,朱红祥,何辉,王双飞
40	Effect of alkali-neutralization treatment on triple-helical aggregates and independent triple helices of curdlan	CARBOHYDRATE POLYMERS	2021-02-08	1	SCI	7.182	徐欣东,王清,薛思雅,潘玉雪,陈山
41	Quaternary ammonium-functionalized magnetic chitosan microspheres as an effective green adsorbent to remove high-molecular-weight invert sugar alkaline degradation products (HISADPs)	CHEMICAL ENGINEERING JOURNAL	2021-02-17	1	SCI	13.273	郭丽云,陆海勤,Darryn,史昌蓉,李文,李凯,William
42	Isolation and utilization of tobacco-based cellulose nanofiber (TCNF) for high performance reconstructed tobacco sheet (RTS)	CARBOHYDRATE POLYMERS	2021-02-27	2	SCI	9.381	罗伯亚,兴业安,杨建,刘丽琴,张浩,秦虎,张润请,聂双喜,吴诗杰,曹海斌,郑白城,刘洪斌
43	Catalytical and antibacterial sugarcane filter decorated with silver nanoparticle for water treatment	INDUSTRIAL CROPS AND PRODUCTS	2021-02-28	1	SCI	4.244	Zhang Qingtong, Zhang Xiaoxuan, Chi Mingchao, Han Yushan, 江虹锐, 陈昌洲, 王双飞, 闵斗勇
44	Xylan and xylose decomposition during hot water pre-extraction: A pH-regulated hydrolysis	CARBOHYDRATE POLYMERS	2021-03-01	1	SCI	9.381	康希恒,汪云燕,王双飞,宋雪萍
45	Wood-cellulose-fiber-based functional materials for triboelectric nanogenerators	NANO ENERGY	2021-03-03	1	SCI	17.881	张辰源,莫济龙,付秋,刘艳华,王双飞,聂双喜
46	Recent advances in transition metal carbides and nitrides (MXenes): Characteristics, environmental remediation and challenges	CHEMICAL ENGINEERING JOURNAL	2021-03-11	3	SCI	13.273	吴悠,李小明,赵辉,姚伏兵,曹娇,陈卓,黄孝定,王东波,杨琦
47	Pre-cryocrushing of natural carbon precursors to prepare nitrogen, sulfur co-doped porous microcellular carbon as an efficient ORR catalyst	CARBON	2021-03-12	3	SCI	9.594	于海龙,侯晶晶,拉辛·巴西里,倪永浩,刘世伟,于世涛,刘宇翔,琼武,聂双喜
48	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	2021-03-21	1	SCI	4.244	Lei Ming, Zhang Qingtong, Chi Mingchao, Yu Yuanyuan, 江虹锐, 王双飞, 闵斗勇

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49	Advances and perspectives in carbon dot-based fluorescent probes: Mechanism, and application	COORDINATION CHEMISTRY REVIEWS	2021-03-22	3	SCI	22.315	李香草,赵邵静,李保灵,杨科,蓝敏焕,曾林涛
50	Molecular modification, structural characterization, and biological activity of xylans	CARBOHYDRATE POLYMERS	2021-03-26	1	SCI	9.381	张明均,詹阿慧,叶莹,杭方学,刘继栋,李凯,李坚斌
51	Carbonized wood cell chamber-reduced graphene oxide@PVA flexible conductive material for supercapacitor, strain sensing and moisture-electric generation applications	CHEMICAL ENGINEERING JOURNAL	2021-03-27	2	SCI	13.273	熊川银,李冰冰,段超,戴磊,聂双喜,覃程荣,徐永建,倪勇浩
52	Green, efficient extraction of bamboo hemicellulose using freeze-thaw assisted alkali treatment	BIORESOURCE TECHNOLOGY	2021-04-04	1	SCI	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
53	Preparation of magnesium, nitrogen-codoped carbon quantum dots from lignin with bright green fluorescence and sensitive pH response	INDUSTRIAL CROPS AND PRODUCTS	2021-04-12	2	SCI	4.244	杨晓旭,侯诗瑶,褚婷婷,韩佳枝,李润森,郭延柱,龚玉梅,李海明,王志伟
54	Rheological characterization of ball-milled corn stover with different fragmentation scales at high-solids loading	INDUSTRIAL CROPS AND PRODUCTS	2021-04-12	2	SCI	4.244	陆敏生,何丁平,李骏宝,韩鲁佳,肖卫华
55	Effect of NaCl addition on the production of welan gum with the UV mutant of <i>Sphingomonas</i> sp	CARBOHYDRATE POLYMERS	2021-04-16	1	SCI	9.381	柯成竹,韦璐璐,王淼,李琪雯,刘小玲,郭媛,李树波
56	Transparent and Hazy EuxTb1-x-Nanopaper with Color-Tuning, Photo-Switching, and White Light-Emitting Properties for Anticounterfeiting and Light-Softened WLEDs	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2021-04-19	2	SCI	8.198	张召,马宁宁,姚双全,韩文佳,李新平,常辉,王尧玉
57	Carbonized porous wood as an effective scaffold for loading flower-like CoS, NiS nanofibers with Co, Ni nanoparticles served as electrode material for high-performance supercapacitors	INDUSTRIAL CROPS AND PRODUCTS	2021-04-30	2	SCI	5.645	熊川银,杨启,李冰冰,聂双喜,覃程荣,戴磊,Muhammad Khan,徐永建,倪永浩
58	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	2021-05-18	1	SCI	13.273	史霄宇,卢苇,薛怡春,周航,薛飞,何辉,王松林,王双飞
59	Improved Capture and Removal Efficiency of Gaseous Acetaldehyde by a Self-Powered Photocatalytic System with an External Electric Field	ACS NANO	2021-05-20	1	SCI	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
60	Facile preparation of liginosulfonate induced silver nanoparticles for high efficient removal of organic contaminants in wastewater	INDUSTRIAL CROPS AND PRODUCTS	2021-05-21	2	SCI	5.645	杨建,刘丽琴,兴业安,Frederikus Tunjung Seta,李晨曦,张浩,罗伯亚,秦虎,张润请,聂双喜,曹海兵,郑白城,刘洪斌
61	Structure-property-performance relationships of lactic acid-based deep eutectic solvents with different hydrogen bond acceptors for corn stover pretreatment	BIORESOURCE TECHNOLOGY	2021-05-21	1	SCI	9.642	梁欣泉,竹源,齐本坤,李世谦,罗建泉,万印华



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62	Super-hydrophobic Cellulose Nanofiber Air Filter with Highly Efficient Filtration and Humidity Resistance	ACS Applied Materials & Interfaces	2021-05-24	1	SCI	9.229	刘涛,蔡晨晨,马瑞佳,邓永飞,涂凌云,范毅烽,陆登俊
63	A novel underutilized starch resource— Lucuma nervosa A.DC seed and fruit	FOOD HYDROCOLLOIDS	2021-06-04	2	SCI	9.147	李博,张雨桐,张雅媛,张彦军,徐飞,朱科学,黄崇杏
64	Interfacial adsorption behavior of ovalbumin/ sodium carboxymethyl cellulose colloidal particles: The effects of preparation methods	FOOD HYDROCOLLOIDS	2021-06-15	2	SCI	9.147	牛付阁,张秋萍,喻姣,火玉翠,卓令昌,牛德宝,潘伟春
65	Residual-lignin-endowed molded pulp lunchbox with a sustained wet support strength	INDUSTRIAL CROPS AND PRODUCTS	2021-06-17	1	SCI	4.244	王海琦,王金龙,司淑润,王琪,李许生,王双飞
66	Deciphering the formation of sludge blanket structure in anaerobic granular systems from the perspective of bubble-entrapment assumption	CHEMICAL ENGINEERING JOURNAL	2021-07-17	1	SCI	13.273	赵姗姗,甘鹏,陆立海,陈永利,周业丰,王双飞,王志伟,张健
67	Design of intelligent nanofiber-based solid amine adsorbent with high CO2 capture capacity and ultralow regeneration temperature	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2021-07-20	1	SCI	8.198	林杰涵,卢苇,史霄宇,陆勤,王磊,何辉
68	Chemically tailored molecular surface modification of cellulose nanofibrils for manipulating the charge density of triboelectric nanogenerators	NANO ENERGY	2021-08-02	1	SCI	17.881	刘艳华,付秋,莫济龙,卢彦序,蔡晨晨,罗斌,聂双喜
69	Paper-based dual-mode liquid manipulation system: Oil/water separation and time-lapse droplet switch	CHEMICAL ENGINEERING JOURNAL	2021-08-10	1	SCI	13.273	张松,李薇,王巍,覃程荣,王双飞
70	High efficiency and clean separation of eucalyptus components by glycolic acid pretreatment	BIORESOURCE TECHNOLOGY	2021-08-17	1	SCI	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
71	High-performance near-infrared fluorescence probe for fast and specific visualization of harmful sulfite in food, living cells, and zebrafish	CHEMICAL ENGINEERING JOURNAL	2021-08-18	1	SCI	13.273	姜利荣,陈天宏,宋尔旺,范颖,闵斗勇,曾林涛,鲍光明
72	Starch characterizations of two kinds of seedless Artocarpus altilis (Parkinson) Fosberg originated from China	FOOD HYDROCOLLOIDS	2021-08-23	2	SCI	9.147	李博,王艺瞳,朱立斌,黄崇杏,张彦军,赵媛,吴刚,谭乐和
73	Green approach to facilely design hydrophobic aerogel directly from bagasse	INDUSTRIAL CROPS AND PRODUCTS	2021-08-31	1	SCI	4.244	李薇,李泽荣,王巍,李政蒿,李倩,覃程荣,曹斐姝
74	TOCNC-g-PEI nanoparticle encapsulated oregano essential oil for enhancing the antimicrobial activity of cellulose nanofibril packaging films	CARBOHYDRATE POLYMERS	2021-09-10	1	SCI	9.381	吴敏,杨健,陈顺利,鲁鹏,王睿芳

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75	Carboxymethylated nanocellulose-based gel polymer electrolyte with a high lithium ion transfer number for flexible lithium-ion batteries application	CHEMICAL ENGINEERING JOURNAL	2021-09-22	1	SCI	13.273	王健霖,王淳玉,王巍,李薇,楼锦程
76	High-performance quaternary ammonium-functionalized chitosan/graphene oxide composite aerogel for remelt syrup decolorization in sugar refining	CHEMICAL ENGINEERING JOURNAL	2021-09-23	1	SCI	13.273	肖尧,陆海勤,史昌蓉,雷福厚,Darryn,李凯,李文,William
77	Technology and mechanism of enhanced compatibilization of polylactic acid-grafted glycidyl methacrylate	INDUSTRIAL CROPS AND PRODUCTS	2021-09-23	1	SCI	5.645	韩晓雪,黄丽婕,魏哲豪,王亚男,陈浩彬,黄崇杏,苏少珍
78	Acceptor-donor-acceptor structured deep-red AIE photosensitizer: Lysosome-specific targeting, in vivo long-term imaging, and effective photodynamic therapy	CHEMICAL ENGINEERING JOURNAL	2021-09-27	3	SCI	13.273	黄丽,卿得艳,赵绍静,吴晓丽,杨科,任晓洁,郑秀丽,蓝敏焕,叶俊,曾林涛,牛广乐
79	Multi-scale supramolecular structure of Pouteria campechiana (Kunth) Baehni seed and pulp starch	FOOD HYDROCOLLOIDS	2021-10-18	1	SCI	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
80	Bioinspired Multifunctional Cellulose Nanofibril-Based In Situ Liquid Wound Dressing for Multiple Synergistic Therapy of the Postoperative Infected Wound	ACS Applied Materials & Interfaces	2021-10-20	1	SCI	9.229	赵超,陈日梅,陈智平,陆勤,朱红祥,卜庆,尹佳丽,何辉
81	Metal ions-doped carbon dots: Synthesis, properties, and applications	CHEMICAL ENGINEERING JOURNAL	2021-10-22	2	SCI	13.273	李香草,付研召,赵邵静,肖家付,蓝敏焕,王本花,张奎,宋相志,曾林涛
82	A novel medically imageable intelligent cellulose nanofibril-based injectable hydrogel for the chemo-photothermal therapy of tumors	CHEMICAL ENGINEERING JOURNAL	2021-10-30	1	SCI	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
83	Nano silver decorating three-dimensional porous wood used as a catalyst for enhancing azo dyes hydrogenation in wastewater	INDUSTRIAL CROPS AND PRODUCTS	2021-11-09	1	SCI	5.645	Yu Yuanyuan,Huo Huashuang,Zhang Qingtong,Chen Yangyang,王双飞,Liu Xi,陈昌洲,闵斗勇
84	Enabled cellulose nanopaper with outstanding water stability and wet strength via activated residual lignin as a reinforcement	GREEN CHEMISTRY	2021-11-14	1	SCI	10.182	王金龙,陈卫,董藤藤,王海琦,司淑润,李许生
85	Advanced triboelectric materials for liquid energy harvesting and emerging application	MATERIALS TODAY	2021-11-23	1	SCI	31.041	蔡晨晨,罗斌,刘艳华,付秋,刘涛,王双飞,聂双喜
86	A bioinspired ratiometric fluorescence probe based on cellulose nanocrystal- stabilized gold nanoclusters for live-cell and zebrafish imaging of highly reactive oxygen species	CHEMICAL ENGINEERING JOURNAL	2021-12-03	1	SCI	13.273	全宗艳,薛飞,李浩源,陈智平,王磊,朱红祥,庞春林,何辉
87	Acidolysis mechanism of lignin from bagasse during p-toluenesulfonic acid treatment	INDUSTRIAL CROPS AND PRODUCTS	2021-12-04	1	SCI	5.645	冯成启,朱家添,曹丽明,李岩,覃程荣,梁辰,姚双全

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88	Ultrafast fractionation of wild-type and CSE down-regulated poplars by microwave-assisted deep eutectic solvents (DES) for cellulose bioconversion enhancement and lignin nanoparticles fabrication	INDUSTRIAL CROPS AND PRODUCTS	2021-12-07	3	SCI	5.645	Ling-Hua Xu,Cheng-Ye Ma,Chen Zhang,Jing Liu,Xiao-Peng Peng,姚双全,闵斗勇,袁同琦,文甲龙
89	Integrative Analysis of the Gut Microbiota and Metabolome for In Vitro Human Gut Fermentation Modeling	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2021-12-10	1	SCI	5.279	万楚,吴凯璋,陆星宇,方芳,李雅倩,赵裕民,李树波,高洁
90	Design of a Superhydrophobic Strain Sensor with a Multilayer Structure for Human Motion Monitoring	ACS Applied Materials & Interfaces	2021-12-12	1	SCI	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
91	Fluorescence Enhancement of Lignin-Based Carbon Quantum Dots by Concentration-Dependent and Electron-Donating Substituent Synergy and Their Cell Imaging Applications	ACS Applied Materials & Interfaces	2021-12-14	1	SCI	9.229	赵思宇,陈新瑞,张彩霞,赵培涛,Arthur J. Ragauskas,宋雪萍
92	Lignocellulosic nanofibril aerogel via gas phase coagulation and diisocyanate modification for solvent absorption	CARBOHYDRATE POLYMERS	2021-12-14	4	SCI	9.381	卞辉洋,段胜,吴锦,付杨侨,杨伟生,姚双全,张政,肖惠宁,戴红旗,胡超川
93	Triboelectric nanogenerators for enhanced degradation of antibiotics via external electric field	NANO ENERGY	2021-12-16	1	SCI	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
94	Structure and functionality of cassava starch in different deep eutectic solvents/water mixtures: A comparative study	INDUSTRIAL CROPS AND PRODUCTS	2021-12-21	1	SCI	5.645	曾灵玉,毛伟,郝加稳,叶桂荣,宋雪萍,曾灵,王双飞,周敬红
95	Mangrove leaves: An undeniably important sink of MPs from tidal water and air	JOURNAL OF HAZARDOUS MATERIALS	2021-12-24	1	SCI	10.588	李锐龙,魏超贤,焦猛,王艺锦,孙海峰
96	Study on the mechanism of inhibiting the calcification of anaerobic granular sludge induced by the addition of trace signal molecule (3O-C6-HSL)	BIORESOURCE TECHNOLOGY	2021-12-24	1	SCI	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
97	Heteroatom-doped porous carbon nanoparticle-decorated carbon cloth (HPCN/CC) as efficient anode electrode for microbial fuel cells (MFCs)	JOURNAL OF CLEANER PRODUCTION	2022-01-02	1	SCI	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
98	Effective adsorption of crystal violet dye on sugarcane bagasse-bentonite/ sodium alginate composite aerogel: Characterisation, experiments, and advanced modelling	SEPARATION AND PURIFICATION TECHNOLOGY	2022-01-08	1	SCI	9.136	宫晓丽,陆海勤,李文
99	Electrocoagulation pretreatment reduced the synergistic inhibition of anaerobic granular sludge by micro stickies and Ca <sup>2+</sup> and delayed the calcification of granular sludge	INDUSTRIAL CROPS AND PRODUCTS	2022-01-25	1	SCI	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



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100	Chlorine dioxide oxidation of hemicellulose from alkaline hydrolysate bagasse to remove lignin unit in lignin-carbohydrate complex	CARBOHYDRATE POLYMERS	2022-02-01	1	SCI	9.381	韩金致,游欣,王双飞,陈灿,姚双全,蒙彩面,梁辰,赵晋蔚
101	Effect of temperature on simultaneous separation and extraction of hemicellulose using p-toluenesulfonic acid treatment at atmospheric pressure	BIORESOURCE TECHNOLOGY	2022-02-01	1	SCI	11.889	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
102	Preparation, Properties, and Application of Lignocellulosic- Based Fluorescent Carbon Dots	CHEMSUSCHEM	2022-02-01	1	SCI	8.928	宋雪萍,赵思宇,徐荧,陈新瑞,王双飞,赵培涛,Yunqiao Pu,Arthur J. Raqauskas
103	A bionic cellulose nanofiber-based nanocage wound dressing for NIR-triggered multiple synergistic therapy of tumors and infected wounds	BIOMATERIALS	2022-02-10	1	SCI	15.304	陈日梅,赵超,陈智平,史霄宇,朱红祥,卜庆,王磊,王春芳,何辉
104	Viral diversity and potential environmental risk in microplastic at watershed scale: Evidence from metagenomic analysis of plastisphere	ENVIRONMENT INTERNATIONAL	2022-02-18	2	SCI	9.621	李锐龙,朱龙吉,崔丽,朱永官
105	Improving Wastewater Treatment by Triboelectric-Photo/Electric Coupling Effect	ACS NANO	2022-02-28	1	SCI	15.881	董飞龙,庞振,杨淑伊,林秋凤,宋双,李聪,马晓燕,聂双喜
106	Strong fibrous filaments nanocellulose crystals prepared by self-twisting microfluidic spinning	INDUSTRIAL CROPS AND PRODUCTS	2022-03-04	1	SCI	5.645	王加宝,高倩,王誉达,刘新亮,聂双喜
107	Efficient separation of bagasse lignin by freeze-thaw-assisted p-toluenesulfonic acid pretreatment	BIORESOURCE TECHNOLOGY	2022-03-05	1	SCI	11.889	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
108	High performance supercapacitors assembled with hierarchical porous carbonized wood electrode prepared through self-activation	INDUSTRIAL CROPS AND PRODUCTS	2022-03-09	1	SCI	5.645	Chen Yangyang,Yu Yuanyuan,Zhang Xiaoxuan,Guo Chenyan,陈昌洲,王双飞,闵斗勇
109	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	2022-03-15	1	SCI	9.965	田旭旺,吴敏,王志伟,张健,鲁鹏
110	Recent advances in superhydrophobic polyurethane: preparations and applications	ADVANCES IN COLLOID AND INTERFACE SCIENCE	2022-03-17	1	SCI	15.190	赵辉,高炜晨,李庆,Muhammad Rafiullah Khan,胡国华,刘杨,伍巍,黄崇杏,Robert K. Y Li
111	Reconstruction of a Cofactor Self-Sufficient Whole-Cell Biocatalyst System for Efficient Biosynthesis of Allitol from D-Glucose	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2022-03-17	1	SCI	5.279	赵婧邑,郭燕,李秋凤,陈静,牛德宝,刘继栋
112	Screening and Identification of Purine Degrading Lactobacillus fermentum 9-4 from Chinese Fermented Rice-flour Noodles	FOOD SCIENCE AND HUMAN WELLNESS	2022-03-20	1	SCI	8.022	卢良华,刘田甜,刘小玲,王成华

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113	Cellulose nanofibril/mineral composites induced by H-bond/ionic coordination in co-refining system	CARBOHYDRATE POLYMERS	2022-03-31	2	SCI	9.381	宋顺喜,强胜,梁建涛,李林,师玉洁,聂景仪,陈婷,姚双全,张美云
114	Stretchable Triboelectric Self-Powered Sweat Sensor Fabricated from Self-Healing Nanocellulose Hydrogels	ADVANCED FUNCTIONAL MATERIALS	2022-03-31	1	SCI	18.808	秦影,莫济龙,刘艳华,张松,王金龙,付秋,王双飞,聂双喜
115	A molecular recognition platform for the simultaneous sensing of diverse chemical weapons	CHEMICAL SCIENCE	2022-04-08	1	SCI	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
116	Triboelectric pulsed direct-current enhanced radical generation for efficient degradation of organic pollutants in wastewater	APPLIED CATALYSIS B-ENVIRONMENTAL	2022-04-14	1	SCI	19.503	刘新亮,莫济龙,吴万海,宋海农,聂双喜
117	Molecular engineered optical probes for chemical warfare agents and their mimics: Advances, challenges and perspectives	COORDINATION CHEMISTRY REVIEWS	2022-04-19	1	SCI	22.315	朱北童,盛瑞隆,陈天宏,João Rodrigues,宋钦华,胡惜朝,曾林涛
118	Facile design of novel nanocellulose-based gel polymer electrolyte for lithium-ion batteries application	CHEMICAL ENGINEERING JOURNAL	2022-04-22	1	SCI	13.273	王巍,李政蒿,黄海波,李薇,王健霖
119	Efficient ethanol solvothermal synthesis of high-performance nitrogen-doped carbon quantum dots from lignin for metal ion nanosensing and cell imaging	INDUSTRIAL CROPS AND PRODUCTS	2022-04-27	2	SCI	5.645	庞展昭,付玉洁,于海龙,刘世伟,于世涛,刘玉香,吴琼,刘悦,聂根阔,徐晁飞,聂双喜,姚双全
120	Tailored production of lignin-containing cellulose nanofibrils from sugarcane bagasse pretreated by acid-catalyzed alcohol solutions	CARBOHYDRATE POLYMERS	2022-05-06	1	SCI	9.381	刘亦婷,李文,李凯,Pratheep Kumar Annamalai,Steven Pratt,Morteza Hassanpour,陆海勤,Zhanying Zhang
121	Highly selective separation of eucalyptus hemicellulose by salicylic acid treatment with both aromatic and hydroxy acids	BIORESOURCE TECHNOLOGY	2022-05-10	1	SCI	11.889	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
122	Combinatorial co-expression of xanthine dehydrogenase and chaperone XdhC from Acinetobacter baumannii and Rhodobacter capsulatus and their applications in decreasing purine content in food	FOOD SCIENCE AND HUMAN WELLNESS	2022-05-13	1	SCI	8.022	王成华,张冉,孙毓,文佑,刘小玲,邢新会
123	Polydopamine-modified ceramic membrane for filtering brown sugar redissolved syrup: Characterisation, experiments, and advanced modelling	JOURNAL OF MEMBRANE SCIENCE	2022-05-14	1	SCI	10.530	熊艳舒,李文,陆海勤,廖春玉,余海清,李凯
124	Ultrasonic-Assisted Dual-Alkali Pretreatment and Enzymatic Hydrolysis of Sugarcane Bagasse Followed by Candida tropicalis Fermentation to Produce Xylitol	FRONTIERS IN NUTRITION	2022-05-18	1	SCI	6.576	盖莉莉,任二芳,田雯,牛德宝,孙卫东,杭方学,李凯

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125	Spheres Multiple Physical Network-Based Triboelectric Materials for Self-Powered Contactless Sensing	SMALL	2022-05-19	1	SCI	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
126	Modification of Ovalbumin by Maillard Reaction: Effect of Heating Temperature and Different Monosaccharides	FRONTIERS IN NUTRITION	2022-05-26	1	SCI	6.576	闫雨洁,杭方学,魏甜甜,谢彩锋,牛德宝
127	Competitive effects of glucan's main hydrolysates on biochar formation: A combined experiment and density functional theory analysis	BIORESOURCE TECHNOLOGY	2022-06-02	1	SCI	11.889	康希恒,彭坚,Arthur J. Ragauskas,任小菲,司传领,王双飞,宋雪萍
128	CuInS <sub>2</sub> quantum dots anchored onto the three-dimensional flexible self-supporting graphene oxide array with regulatable crystallinity and defect density for efficient photocatalytic synthesis of xylonic acid	APPLIED CATALYSIS B-ENVIRONMENTAL	2022-06-14	2	SCI	19.503	刘康宁,刘增东,姚双全,孙少龙,马纪亮,孙润仓
129	Probing the influence of shape and loading of CeO <sub>2</sub> nanoparticles on the separation performance of thin-film nanocomposite membranes with an interlayer	SEPARATION AND PURIFICATION TECHNOLOGY	2022-06-15	1	SCI	9.136	陈曼宜,罗建泉,万印华,陈向荣,梁欣泉
130	Novel stretchable fiber-shaped fluidic nanogenerators fabricated from carbonized lignin/thermoplastic polyurethane	INDUSTRIAL CROPS AND PRODUCTS	2022-06-21	1	SCI	5.645	高嘉雯,张含笑,张倩楠,李思琪,罗斌,沙九龙,刘洪斌
131	Triboelectric nanogenerator enhanced radical generation in a photoelectric catalysis system via pulsed direct-current	NANO ENERGY	2022-06-21	3	SCI	17.881	董飞龙,庞振,林秋凤,王达,马晓燕,宋双,聂双喜
132	Tailoring and properties of a novel solar energy-triggered regenerative bionic fiber adsorbent for CO <sub>2</sub> capture	CHEMICAL ENGINEERING JOURNAL	2022-07-02	1	SCI	13.273	卢苇,史霄宇,周航,罗文璐,王磊,何辉
133	Lignin emulsifying rosin for improved sizing performance and mechanical properties of liquid packaging board	INDUSTRIAL CROPS AND PRODUCTS	2022-07-06	3	SCI	5.645	关敏,安兴叶,张浩,杨贵化,田忠建,聂双喜,刘丽琴,程正白,曹海斌,刘宏斌
134	Hierarchical Porous Cellulosic Triboelectric Materials for Extreme Environmental Conditions	SMALL METHODS	2022-07-08	1	SCI	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
135	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	2022-07-15	1	SCI	11.889	覃程荣,曾华丽,刘宝杰,朱家添,王飞,王硕,梁辰,黄曹兴,马纪亮,姚双全
136	Structural enrichment and identification of lignin-carbohydrate complex in alkaline stabilized system	CARBOHYDRATE POLYMERS	2022-07-15	1	SCI	10.723	王鑫,韩金致,庞树宇,李娇,赵晋蔚,覃程荣,姚双全,刘杨,梁辰
137	Bioinspired asymmetric amphiphilic surface for triboelectric enhanced efficient water harvesting	NATURE COMMUNICATIONS	2022-07-18	1	SCI	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
138	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	2022-07-26	1	SCI	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

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139	Hemicellulose-rich transparent wood: Microstructure and macroscopic properties	CARBOHYDRATE POLYMERS	2022-07-28	1	SCI	10.723	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
140	Enhancing thermal conductivity and toughness of cellulose nanofibril/boron nitride nanosheet composites	CARBOHYDRATE POLYMERS	2022-08-04	1	SCI	10.723	徐茆,陈新瑞,张彩霞,Arthur J.Ragauskas,文甲龙,赵培涛,司传领,徐婷,宋雪萍
141	High-efficiency separation of hemicellulose from bamboo by one-step freeze-thaw-assisted alkali treatment	BIORESOURCE TECHNOLOGY	2022-08-06	1	SCI	11.889	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
142	Sulfated lignocellulose nanofibril based composite aerogel towards adsorption-photocatalytic removal of tetracycline	CARBOHYDRATE POLYMERS	2022-08-08	1	SCI	10.723	邹湘媛,姚良逸,周舒琦,陈国宁,王双飞,刘秀宇,姜言
143	Facile ultrasonic-assisted one-step preparation of sugarcane bagasse carbon sorbent for bio-based odor removal cat litter formulation	INDUSTRIAL CROPS AND PRODUCTS	2022-08-11	1	SCI	6.449	Shuo Wang ,谢彩锋,Shupeii Wang,杭方学,李文,李凯,Anthony Mann,Sarina Sarina,William Doherty, Changrong Shi
144	Synergistic catalytic effect of zirconium chloride and Brønsted acid salt for conversion of agarose to 5-hydroxymethylfurfural in aqueous media	RENEWABLE ENERGY	2022-08-18	5	SCI	8.634	Sufei Feng,Mingfu Li,Hui Chen,Liyuan Huai,闵斗勇,Jian Zhang
145	Fiber swelling to improve cycle performance of paper-based separator for lithium-ion batteries application	Journal of Energy Chemistry	2022-08-24	1	SCI	13.599	李政蒿,王巍,梁欣苗,王健霖,徐涌林,李薇
146	Metagenomic insights into environmental risk of field microplastics in an urban river	WATER RESEARCH	2022-08-24	2	SCI	13.400	李锐龙,朱龙吉,王艺锦,朱永官
147	Thermal driven self-healing infrared and heat shielding composites based on reversible Diels-Alder reaction	PROGRESS IN ORGANIC COATINGS	2022-08-24	1	SCI	6.206	欧阳心怡,伍巍,王瑞芳,段青山,黄崇杏,刘杨,Robert K.Y. Li,赵辉
148	Air-permeable cellulosic triboelectric materials for self-powered healthcare products	NANO ENERGY	2022-08-25	1	SCI	19.069	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
149	Gas-Sensitive Cellulosic Triboelectric Materials for Self-Powered Ammonia Sensing	ADVANCED SCIENCE	2022-08-26	1	SCI	17.521	张旺林,赵佳敏,蔡晨晨,秦影,蒙香江,刘艳华,聂双喜
150	Role Evaluation of Active Groups in Lignin on UV-Shielding Performance	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2022-08-30	1	SCI	9.224	李亚蓉,赵思宇,胡东彬, Arthur J. Ragauskas,曹邨予,刘文青,司传领,徐婷,赵培涛,宋雪萍,李凯
151	Design of bionic amphoteric adsorbent based on reed root loaded with amino-functionalized magnetic nanoparticles for heavy metal ions removal	INDUSTRIAL CROPS AND PRODUCTS	2022-08-31	2	SCI	6.449	Miaomiao Liu,Yujiao Lin,Xinyuan Zhang,闵斗勇,Jie Lu,Yi Cheng,Jian Du,Yehan Tao,Haisong Wang
152	Dual light-responsive cellulose nanofibril-based in situ hydrogel for drug- resistant bacteria infected wound healing	CARBOHYDRATE POLYMERS	2022-09-01	1	SCI	10.723	石孝坤,陈智平,何永惠,陆勤,陈日梅,赵超,董蝶,孙雨霏,何辉



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153	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	2022-09-02	1	SCI	11.889	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
154	Water-stable, strong, biodegradable lignocellulose straws replacement for plastic straws	CHEMICAL ENGINEERING JOURNAL	2022-09-05	1	SCI	16.744	董藤藤,陈卫,蔡辰辰,白飞天,周正,王金龙,李许生
155	Cross-species binding spectrum of ACE2 to SARS-CoV-2 RBD	Science China Life Sciences	2022-09-08	2	SCI	10.384	廖锡豪,关长阁,王成华,陈鑫杰,林晓媚,卢良华,李璐,王婷,苏楠,吴边,王新泉,张翀,王怡,卢元,邢新会
156	Superhydrophobic cellulosic triboelectric materials for distributed energy harvesting	CHEMICAL ENGINEERING JOURNAL	2022-09-17	1	SCI	16.744	张宸源,张旺林,杜国立,付秋,莫济龙,聂双喜
157	Efficient and green strategy based on pulsed electric field coupled with deep eutectic solvents for recovering flavonoids and preparing flavonoid aglycones from noni-processing wastes	JOURNAL OF CLEANER PRODUCTION	2022-09-25	4	SCI	11.072	李坚,陈文,牛德宝,王瑞,许飞跃,陈博茹,林佳伟,唐忠盛,曾新安
158	Phosphorylated wood designed as a biosorbent for effectively removing Ni <sup>2+</sup> from wastewater	INDUSTRIAL CROPS AND PRODUCTS	2022-09-28	1	SCI	6.449	Huohuashuang,Yuyuanyuan,Zhanxiaoxuan,Tangmengqi,陈昌洲,王双飞,闵斗勇
159	A facile and novel lignin isolation procedure – Methanolic hydrochloric acid treatment at ambient temperature	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2022-10-01	1	SCI	8.025	Chenlan,Liangzhanming,Zhangxiaoxuan,Zhangliming,王双飞,陈昌洲,Zengling,闵斗勇
160	Interaction of lignin and xylan in the hydrothermal synthesis of lignocellulose-based carbon quantum dots and their application in in-vivo bioimaging	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2022-10-03	1	SCI	8.025	赵思宇,陈新瑞,粟景艳,赵培涛,司传领,徐婷,黄晨,宋雪萍
161	Application and prospect of organic acid pretreatment in lignocellulosic biomass separation: A review	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2022-10-05	1	SCI	8.025	刘宝杰,柳露,邓宝娟,黄曹兴,朱家添,梁琳林,何新靓,韦宇昕,覃程荣,梁辰,Shijie Liu,姚双全
162	Superior separation of hemicellulose-derived sugars from eucalyptus with tropic acid pretreatment	BIORESOURCE TECHNOLOGY	2022-10-07	1	SCI	11.889	鲍玉琪,朱家添,曾繁妍,李娇,王姗姗,覃程荣,梁辰,黄曹兴,姚双全
163	Growth mechanism of glucose-based hydrochar under the effects of acid and temperature regulation	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2022-10-11	1	SCI	9.965	彭坚,康希恒,赵思宇,赵培涛, Arthur J. Ragauskas,司传领,徐婷,宋雪萍



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164	Real-Time Fluorescence Screening Platform for Meat Freshness	ANALYTICAL CHEMISTRY	2022-10-17	1	SCI	8.008	叶欢,Seyoung Koo,朱北童,柯映均,盛瑞隆,段婷,曾林涛,Jong Seung Kim
165	Sustainable Triboelectric Materials for Smart Active Sensing Systems	ADVANCED FUNCTIONAL MATERIALS	2022-10-26	1	SCI	19.924	韦芷婷,王金龙,刘艳华,袁金霞,刘涛,杜国立,朱思启元,聂双喜
166	Activated release of chlorine dioxide gas from polyvinyl alcohol microcapsule (ethylcellulose/sodium-chlorite) hybrid films for active packaging of litchi during postharvest storage	POSTHARVEST BIOLOGY AND TECHNOLOGY	2022-10-27	1	SCI	6.751	刘仁,朱旭浩,王健,黄崇杏
167	Tailoring of a bionic bifunctional cellulose nanocrystal-based gold nanocluster probe for the detection of intracellular pathological biomarkers	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2022-10-27	1	SCI	8.025	李浩源,朱红祥,全宗艳,陈智平,王磊,何辉
168	Carbonized wood impregnated with bimetallic nanoparticles as a monolithic continuous-flow microreactor for the reduction of 4-nitrophenol	JOURNAL OF HAZARDOUS MATERIALS	2022-10-29	1	SCI	14.224	Zhangqingdong,Rosie J. Somerville,Lan Chen,Yuanyuan Yu,Zhaofu Fei,王双飞,Paul J. Dyson,闵斗勇
169	Dual-modified starch micelles as a promising nanocarrier for doxorubicin	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2022-10-30	1	SCI	8.025	贡琳琦,李凯,刘灿灿,邓立高,李坚斌
170	A bioinspired, strong, all-natural, superhydrophobic cellulose-based straw	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2022-11-01	1	SCI	8.025	秦林莉,刘郅骞,刘涛,刘思伽,张静,吴军华,梁欣泉
171	Construction of novel cellulase with high activity, great stability and excellent lignin-resistant for efficient enzymatic hydrolysis by hydrophilic and negatively charged modification	INDUSTRIAL CROPS AND PRODUCTS	2022-11-02	2	SCI	6.449	陈海玉,付玉洁,崔灿,于世涛,刘世伟,刘悦,刘宇翔,聂良阔,聂双喜,姚双全,于海龙
172	Interactions of heat-induced myosin with hsian-tsao polysaccharide to affect the fishy odor adsorption capacity	FOOD HYDROCOLLOIDS	2022-11-05	2	SCI	11.504	游刚,牛改改,周昕仪,高可安,刘小玲
173	Structural evolution of lignin after selective oxidation of lignin-carbohydrate complex by chlorine dioxide	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2022-11-05	1	SCI	8.025	赵晋蔚,韩金致,陈朝霞,王鑫,叶旋,李昊阳,姚双全,王双飞,覃程荣,梁辰

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174	Revealing the relationship between molecular weight of lignin and its color, UV-protecting property	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2022-11-14	1	SCI	8.025	李亚荣,赵思宇,李意涵,Arthur J. Ragauskas,宋雪萍,李凯
175	Design of a cellulose nanocrystal-based upconversion ratiometric fluorescent nanoprobe for pH monitoring and imaging	CHEMICAL ENGINEERING JOURNAL	2022-11-15	1	SCI	16.744	刘辉,李浩源,夏思源,于珊珊,段玉杰,王磊,朱红祥,何辉
176	Characterization of Hexachlorocyclohexane Isomer Dehydrochlorination by LinA1 and LinA2 Using Multi-element Compound-Specific Stable Isotope Analysis	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2022-11-17	1	SCI	11.357	刘亚青,符娟,吴浪平,Steffen Kümmel,Ivonne Nijenhuis,Hans H. Richnow
177	Wood-derived scaffolds decorating with nickel cobalt phosphate nanosheets and carbon nanotubes used as monolithic electrodes for assembling high-performance asymmetric supercapacitor	CHEMICAL ENGINEERING JOURNAL	2022-11-17	1	SCI	16.744	Chenyangyang,Houhewei,Liubin, Limoyan,Chenlan,陈昌洲,王双飞,Liyuanyuan,闵斗勇
178	Design of a biomimetic cellulose nanofibre-based double information encryption sensor for fingerprint imaging	CARBOHYDRATE POLYMERS	2022-11-24	1	SCI	10.723	全宗艳,薛飞,李浩源,陈智平,朱红祥,何辉
179	Wearable Triboelectric Visual Tactile Sensors for Tactile Perception	ADVANCED MATERIALS	2022-11-25	1	SCI	32.086	陆登俊,刘涛,蒙香江,罗斌,袁金霞,刘艳华,张松,蔡晨晨,高聪,王金龙,王双飞,聂双喜
180	Relationship between in vitro digestibility and multi-structures of four unconventional starches from Chinese tropical fruits (sweetsop, avocado, chempedak, and Pouteria campechiana) extracted using an ultrasound method	INDUSTRIAL CROPS AND PRODUCTS	2022-11-29	1	SCI	6.449	李博,张彦军,赵媛,罗婉如,黄崇杏,Muhammad RafiullahKhan
181	Phosphorylation-Driven Production of D-Allulose from D-Glucose by Coupling with an ATP Regeneration System	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2022-12-02	1	SCI	5.895	郭燕,冯婷婷,王志琦,李宏伟,韦欣,陈静,牛德宝,刘继栋
182	A biomimetic porous fibre bundle adsorbent for the rapid and complete removal of multiple low-level heavy metal ions	CHEMICAL ENGINEERING JOURNAL	2022-12-05	1	SCI	16.744	薛飞,全宗艳,雷显林,毛珺,张立斌,王磊,朱红祥,何辉
183	Cellulosic gel-based triboelectric nanogenerators for energy harvesting and emerging applications	NANO ENERGY	2022-12-07	1	SCI	19.069	秦影,张旺林,刘艳华,赵佳敏,袁金霞,迟明超,蒙香江,杜国立,蔡晨晨,王双飞,聂双喜
184	Role of mangrove forest in interception of microplastics (MPs): Challenges, progress, and prospects	JOURNAL OF HAZARDOUS MATERIALS	2022-12-20	1	SCI	14.224	王艺锦,焦猛,李铁柱,李锐龙,刘贝贝

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185	A biomass-based bilayer aerogel for efficient solar-driven steam production and electricity generation	CHEMICAL ENGINEERING JOURNAL	2023-01-01	1	SCI	16.744	柏凌翹,张含笑,娄睿,李建宗,迟明超,沙九龙,周雪莲
186	An integrated process for co-producing fermentable sugars and xylonate from sugarcane bagasse based on xylonic acid assisted pretreatment	BIORESOURCE TECHNOLOGY	2023-01-01	3	SCI	11.889	朱正,黄荣,姚双全,刘一若,张启波,周鑫,蒋侃侃
187	Comparison of polyol-based deep eutectic solvents (DESs) on pretreatment of moso bamboo (Phyllostachys pubescens) for enzymatic hydrolysis	INDUSTRIAL CROPS AND PRODUCTS	2023-01-01	2	SCI	6.449	王贺银,陈天影,姚双全,唐艳军
188	Efficient application of new porous carbon nanoparticle composite polyaniline material in Microbial Fuel Cells	INDUSTRIAL CROPS AND PRODUCTS	2023-01-01	1	SCI	6.449	许一虎,朱凯莉,杨晓,朱云鹏,江柯漾,刘令,宋海农,陈玉宝,王双飞,王志伟
189	High-performance arabinoglucuronoxylan-based biosurfactants for oily sludge separation	CARBOHYDRATE POLYMERS	2023-01-01	1	SCI	10.723	黄海波,李志涵,马云,姚明珠,姚双全,张志伟,覃程荣
190	Sustainable preparation of lignocellulosic nanofibrils and cellulose nanopaper from poplar sawdust	JOURNAL OF CLEANER PRODUCTION	2023-01-01	3	SCI	11.072	刘伟,张舒雅,刘坤,杨红兵,林清怡,徐婷,宋雪萍,杜海顺,白龙,姚双全,司传领
191	In-situ microstructure regulation towards feasible production of self-reinforced lignocellulose nanopaper with multifunctionality	INDUSTRIAL CROPS AND PRODUCTS	2023-01-03	1	SCI	6.449	周林,刘秀宇,姜珊,王欣宜,孟志谦,李秀珍,陈国宁,王双飞,姜言
192	Recent advances in cellulose microgels: Preparations and functionalized applications	ADVANCES IN COLLOID AND INTERFACE SCIENCE	2023-01-04	1	SCI	15.190	杨阳,沙丽珊,赵汉,郭兆君,吴敏,鲁鹏
193	Effective melanoidin adsorption of polyethyleneimine-functionalised molasses-based porous carbon: Adsorption behaviours and microscopic mechanisms	SEPARATION AND PURIFICATION TECHNOLOGY	2023-01-05	1	SCI	9.136	范博欢,熊艳舒,李明星,贾冉,周丽舒,唐嘉忆,李文,兰宇卫,陆海勤,李凯
194	Tailoring and application of a multi-responsive cellulose nanofibre-based 3D nanonetwork wound dressing	CARBOHYDRATE POLYMERS	2023-01-05	1	SCI	10.723	董蝶,陈日梅,贾吉宏,赵超,陈智平,陆勤,孙雨霏,黄玮怡,王春芳,李曜,何辉
195	Cellulose template-based triboelectric nanogenerators for self-powered sensing at high humidity	NANO ENERGY	2023-01-09	1	SCI	19.069	张旺林,陈祥辉,赵佳敏,王新月,李秀珍,刘涛,罗斌,秦影,张松,迟明超,王双飞,聂双喜
196	Insights into mass transfer mechanism and micro-interaction of melanoidin adsorption on polyethyleneimine-functionalised pomelo-peel-derived aerogel	SEPARATION AND PURIFICATION TECHNOLOGY	2023-01-11	1	SCI	9.136	周丽舒,陆海勤,贾冉,熊艳舒,范博欢,唐嘉忆,李文,李明星,李红,李凯

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197	Physicochemical properties and in vitro hypoglycemic activities of hsian-tso polysaccharide fractions by gradient ethanol precipitation method	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2023-01-14	1	SCI	8.025	牛改改,游刚,周昕仪,范和良,刘小玲
198	Template-directed growth of sustainable carboxymethyl cellulose-based aerogels decorated with ZIF-67 for activation peroxymonosulfate degradation of organic dyes	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2023-01-14	2	SCI	8.025	赵梦珂,房桂干,张素凤,梁龙,姚双全,吴挺
199	(3-Chloro-2-hydroxypropyl) trimethylammonium chloride and polyethyleneimine co-modified pomelo peel cellulose-derived aerogel for remelt syrup decolorization in sugar refining	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2023-01-16	1	SCI	8.025	周丽舒,熊艳舒,贾冉,李明星,范博欢,唐嘉忆,李文,陆海勤,兰宇卫,李凯
200	Competitive adsorption mechanisms of pigments in sugarcane juice on starch-based magnetic nanocomposites	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2023-01-16	1	SCI	8.025	殷江宇,方坤,李坚斌,杜楠,胡东彬,曹卮予,田润,邓立高,李凯
201	Chlorine dioxide gas slow-release film for strawberry preservation	LWT-FOOD SCIENCE AND TECHNOLOGY	2023-01-27	1	SCI	6.056	刘仁,王健,黄崇杏,苏红霞,黄浩河,罗婉如,安洁洁,赵辉,许扬帆,王双飞
202	LiPolyethyleneimine/polydopamine-functionalized self-floating microspheres for caramel adsorption: Interactions and phenomenological mass transfer kinetics	SEPARATION AND PURIFICATION TECHNOLOGY	2023-02-01	1	SCI	9.136	熊艳舒,李明星,贾冉,周丽舒,范博欢,唐嘉忆,盖莉莉,李文,陆海勤,李凯
203	High ionic conductivity and toughness hydrogel electrolyte for high-performance flexible solid-state zinc-ion hybrid supercapacitors enabled by cellulose-bentonite coordination interactions	GREEN CHEMISTRY	2023-02-02	1	SCI	11.034	路洁,王思恒,徐徐,周奕杨,张雅淑,黎庆涛,刘鹤,林翔宇
204	Removal of substrate inhibition of Acinetobacter baumannii xanthine oxidase by point mutation at Gln-201 enables efficient reduction of purine content in fish sauce	FOOD CHEMISTRY-X	2023-02-04	1	SCI	6.443	文佑,徐佳慧,潘冬雷,王成华
205	Dual-network polyvinyl alcohol/polyacrylamide/xanthan gum ionic conductive hydrogels for flexible electronic devices	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2023-02-06	1	SCI	8.025	周奕杨,张磊,林翔宇,路洁,黄真,孙鹏浩,张艺兵,徐徐,黎庆涛,刘鹤
206	Coordination-Driven Self-Assembly Strategy-Activated Cu Single-Atom Nanozymes for Catalytic Tumor-Specific Therapy	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	2023-02-06	3	SCI	16.383	周杰,徐德婷,田甘,何干,张潇,廖晶,梅林强,陈雷,高利增,赵丽娜,杨国平,尹文艳,聂广军,赵宇亮

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207	Hyperbranched polyethyleneimine-functionalised chitosan aerogel for highly efficient removal of melanoidins from wastewater	JOURNAL OF HAZARDOUS MATERIALS	2023-02-07	1	SCI	14.224	唐嘉忆,熊艳舒,李明星,贾冉,周丽舒,范博欢,李凯,李文,李红,陆海勤
208	Smart antimicrobial Pickering emulsion stabilized by pH-responsive cellulose-based nanoparticles	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2023-02-07	1	SCI	8.025	孟青,薛舟,陈顺利,吴敏,鲁鹏
209	Fractional Thermal Reduction of CuInS <sub>2</sub> Quantum Dot-Sensitized Bi <sub>2</sub> MoO <sub>6</sub> Hierarchical Flowers on S-Doped Biochar for Dual Z-Scheme Mott-Schottky Heterojunction Construction A Strategy for Efficient Photocatalytic Biorefineries	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2023-03-08	2	SCI	9.224	刘康宁,崔瑞,刘振东,姚双全,孙少龙,马纪亮,孙润仓
210	Pretreatment of poplar with eco-friendly levulinic acid to achieve efficient utilization of biomass	BIORESOURCE TECHNOLOGY	2023-03-09	1	SCI	11.889	李娇,刘宝杰,柳露,罗雅丹,曾繁妍,覃程荣,梁辰,黄曹兴,姚双全
211	Self-Healable, Solvent Response Cellulose Nanocrystal/Waterborne Polyurethane Nanocomposites with Encryption Capability	ACS NANO	2023-03-10	1	SCI	18.027	薛锐,赵辉,安泽玮,伍伟,Robert K. Y. Li,姜言,李鹏,黄崇杏,施德安,胡国华,王双飞
212	Unveiling the retrogradation mechanism of a novel high amylose content starch-Pouteria campechiana seed	FOOD CHEMISTRY-X	2023-03-11	1	SCI	6.443	罗婉如,李博,张彦军,谭乐和,胡驰,黄崇杏,陈展鹏,黄丽婕
213	In vitro effects of two polysaccharide fractions from Laminaria japonica on gut microbiota and metabolome	FOOD & FUNCTION	2023-03-13	1	SCI	6.317	陆星宇,徐鸿涛,方芳,刘俊成,吴凯璋,张雨薇,吴继红,高洁
214	Molecular engineering of fluorescence probe for real-time non-destructive visual screening of meat freshness	ANALYTICA CHIMICA ACTA	2023-03-14	1	SCI	6.911	叶欢,柯映均,李文露,朱北童,姜利荣,胡惜朝,曾林涛
215	Determination of the variations in the metabolic profile and sensory quality of Liupao tea during fermentation through UHPLC-HR-MS metabolomics	FOOD CHEMISTRY	2023-03-15	1	SCI	9.231	王慧方,滕建文,黄丽,韦保耀,夏宁
216	Post-ripening and senescence behavior of atemoya (Annona cherimola x A. squamosa) under two typical storage temperatures	POSTHARVEST BIOLOGY AND TECHNOLOGY	2023-03-21	1	SCI	6.751	张蓝予,黄崇杏,赵媛,郑超健,胡驰
217	Temperature-regulated formation of hierarchical pores and defective sites in MIL-121 for enhanced adsorption of cationic and anionic dyes	SEPARATION AND PURIFICATION TECHNOLOGY	2023-03-21	1	SCI	9.136	Na Hu,杭方学,李凯,Ting Liao,Darryn Rackemann,Zhang Zhanying,Changrong Shi,谢彩锋
218	Lignin-based carbon quantum dots with high fluorescence performance prepared by supercritical catalysis and solvothermal treatment for tumor-targeted labeling	ADVANCED COMPOSITES AND HYBRID MATERIALS	2023-03-23	1	SCI	11.806	赵思宇,岳桂化,刘小丽,秦士茹,王保苏,赵培涛,Arthur J. Ragauskas,吴敏,宋雪萍



序号	论文名称	发表刊物	发表时间	本校排名	分区类型	影响因子	完成人
219	Novel bagasse cellulose-based foams with pH-responsive wetting properties for controlled oil/water separation	INDUSTRIAL CROPS AND PRODUCTS	2023-03-23	1	SCI	6.449	谢梦泠,钟明强,秦晨妮,刘杨,赵辉,阴文博
220	Fabrication of advanced cellulosic triboelectric materials via dielectric modulation	ADVANCED SCIENCE	2023-03-26	1	SCI	17.521	杜国立,王金龙,刘艳华,袁金霞,刘涛,蔡晨晨,罗斌,朱思启元,韦芷婷,王双飞,聂双喜
221	Leaf porous structure Inspired packaging film for fruits preservation and monitoring CO2 concentration of package	CHEMICAL ENGINEERING JOURNAL	2023-03-28	1	SCI	16.744	杨健,周志龙,吴敏,鲁鹏
222	Micro-mechanism insights into the adsorption of anionic dyes using quaternary ammonium-functionalised chitosan aerogels	CARBOHYDRATE POLYMERS	2023-03-30	1	SCI	10.723	杜楠,黄莉媛,熊艳舒,田润,殷江宇,曹郅予,胡东彬,陆海勤,李文,李凯
223	RuS2@CN-x with exposed (200) facet as a high-performance photocatalyst for selective C–C bond cleavage of biomass coupling with H–O bond cleavage of water to co-produce chemicals and H2	GREEN CHEMISTRY	2023-04-04	2	SCI	11.034	李欣泽,马纪亮,付洪全,刘振东,张俊强,崔瑞,郭延柱,姚双全,孙润仓
224	Effect of the Amylose Nanoscale Polymerization Index on the Digestion Kinetics and Mechanism of Recombinant Chinese Seedless Breadfruit Starch Triadic Complexes.	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2023-04-06	1	SCI	5.895	李博,王双飞,张彦军,黄崇杏,赵媛,吴刚,谭乐和
225	Cellulosic triboelectric materials for stable energy harvesting from hot and humid conditions	NANO ENERGY	2023-04-07	1	SCI	19.069	高聪,刘涛,罗斌,蔡晨晨,张旺林,赵佳敏,袁金霞,Pedram Fatehi,覃程荣,聂双喜
226	Preparation of quaternary ammonium-functionalized metal–organic framework/chitosan composite aerogel with outstanding scavenging of melanoidin	SEPARATION AND PURIFICATION TECHNOLOGY	2023-04-07	1	SCI	9.136	李明星,李文,熊艳舒,陆海勤,李红,李凯
227	Using Inflammatory Biological Age To Evaluate the Preventing Aging Effect of a Polyphenol-Probiotic-Enhanced Dietary Pattern in Adults Aged 50 Years and Older	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2023-04-13	1	SCI	5.895	孟宁,周洋,张钦任,于晓涵,李河,刘艳香,刘明,李全阳
228	Robust Fluorescent Self-Assembly System for Sensing of Phosgene, Thionyl Chloride, and Oxalyl Chloride	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2023-04-16	2	SCI	9.224	韩庆庆,王青青,高爱萍,昌雪萍,曾林涛,曹新华
229	Advances in multi-dimensional cellulose-based fluorescent carbon dot composites	COMPOSITES PART B-ENGINEERING	2023-04-17	1	SCI	11.322	张彩霞,赵思宇,刘苇,韩星,吴敏,赵培涛,Arthur J. Ragauskas,宋雪萍
230	Preparation and plasticizing mechanism of deep eutectic solvent/lignin plasticized chitosan films	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2023-04-18	1	SCI	8.025	李翠翠,郑超健,黄浩河,苏红霞,黄崇杏

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231	Harvesting energy from extreme environmental conditions with cellulosic triboelectric materials	MATERIALS TODAY	2023-04-25	1	SCI	26.943	邵宇正,罗斌,刘涛,蔡晨晨,蒙香江,王双飞,聂双喜
232	Nanocellulosic triboelectric materials with micro-mountain arrays for moisture-resisting wearable sensors	NANO ENERGY	2023-04-25	1	SCI	19.069	刘涛,梁容榕,何焕杰,曾亚萍,侯杼利,刘艳华,袁金霞,罗斌,张松,蔡晨晨,王双飞,陆登俊,聂双喜
233	Effect of potential postbiotics derived from food-isolated Lactobacillus parabuchneri on different enterotypes of human gut microbiome	LWT-FOOD SCIENCE AND TECHNOLOGY	2023-04-30	1	SCI	6.056	方芳,李雅倩,陆星宇,吴凯璋,周刘洋,孙雨旋,吴继红,高洁
234	Egg yolk phospholipids as an ideal precursor of fatty note odorants for chicken meat and fried foods: A review	FOOD CHEMISTRY	2023-05-01	1	SCI	9.231	陈德慰,万鹏,姚静玉,杨晓莹,刘洁
235	Mannitol assisted oxalic acid pretreatment of poplar for the deconstruction and separation of hemicellulose	INDUSTRIAL CROPS AND PRODUCTS	2023-05-02	1	SCI	6.449	柳露,刘宝杰,李湘钰,王增林,牧琳琳,覃程荣,梁辰,黄曹兴,姚双全
236	In Situ Lignin Modification Enabling Enhanced Interfibrillar Interactions in Lignocellulosic Nanomaterials toward Structural Applications	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2023-05-10	1	SCI	9.224	姜珊,刘秀宇,王泽海,周林,孟志谦,王欣宜,陈国宁,王双飞,姜言
237	Preparation, Purification, and Identification of Novel Feather Keratin-Derived Peptides with Antioxidative and Xanthine Oxidase Inhibitory Activities	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2023-05-10	1	SCI	5.895	裴晓东,李凡,张艳梅,黄晓妮,于福田,苏林英,刘小玲,王成华
238	Rational Design of Cellulosic Triboelectric Materials for Self-Powered Wearable Electronics	Nano-Micro Letters	2023-05-11	1	SCI	23.655	蒙香江,蔡晨晨,罗斌,刘涛,邵宇正,王双飞,聂双喜
239	Triboelectric charge-separable probes for quantificationally charge investigating at the liquid-solid interface	NANO ENERGY	2023-05-16	1	SCI	19.069	罗斌,刘涛,蔡晨晨,袁金霞,刘艳华,高聪,蒙香江,王金龙,张松,迟明超,秦影,赵佳敏,庄薪立,王双飞,聂双喜
240	Regulating the properties of activated carbon for supercapacitors: impact of particle size and degree of aromatization of hydrochar	ADVANCED COMPOSITES AND HYBRID MATERIALS	2023-05-19	1	SCI	11.806	彭坚,康希恒,赵思宇,尹勇军,赵培涛,Arthur J. Ragauskas,司传领,宋雪萍
241	Deciphering photocatalytic degradation of methylene blue by surface-tailored nitrogen-doped carbon quantum dots derived from Kraft lignin	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2023-05-20	1	SCI	8.025	郝凌云,余元源,梁展明,侯贺伟,刘熹,陈昌洲,闵斗勇
242	Rapid and mild fractionation of hemicellulose through recyclable mandelic acid pretreatment	BIORESOURCE TECHNOLOGY	2023-05-20	1	SCI	11.889	王珊珊,刘宝杰,梁嘉睿,王飞,鲍玉琪,覃程荣,梁辰,黄曹兴,姚双全
243	Lignin-enhanced wet strength of cellulose-based materials: a sustainable approach	GREEN CHEMISTRY	2023-05-27	1	SCI	11.034	黄浩河,许乘龙,朱旭浩,李博,黄崇杏

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244	Membrane filtration without adding lime water combined with vacuum heating enhances green odor in brown sugar processing	LWT-FOOD SCIENCE AND TECHNOLOGY	2023-06-01	1	SCI	6.056	刘洁,万鹏,谢彩锋,陈德慰
245	CO2 Escaping In Situ Endowed the Antimicrobial Nanocellulose Packaging Film with a Microporous Structure	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2023-06-06	1	SCI	9.224	周志龙,杨健,吴敏,鲁鹏,宋雪萍
246	One-pot lignocellulose fractionation using lewis acid-catalyzed GVL/H2O system toward complete exploitation of eucalyptus	INDUSTRIAL CROPS AND PRODUCTS	2023-06-08	1	SCI	6.449	陆敏生,徐欢,莫书华,彭麒
247	Simultaneous achievement of efficient hemicellulose separation and inhibition of lignin repolymerization using pyruvic acid treatment	BIORESOURCE TECHNOLOGY	2023-06-16	1	SCI	11.889	梁嘉睿,刘宝杰,李湘钰,莫小荣,覃程荣,梁辰,黄曹兴,姚双全
248	Schiff base synergized with protonation of PEI to achieve smart antibacteria of nanocellulose packaging films	CARBOHYDRATE POLYMERS	2023-06-21	1	SCI	10.723	邹东城,李鑫旺,吴敏,杨健,覃卫芳,周志龙,杨佳成
249	A highly strong PEDOT modified wood towards efficient electromagnetic interference shielding	INDUSTRIAL CROPS AND PRODUCTS	2023-06-28	1	SCI	6.449	陈昌洲,Wenyao Feng,Weixin Wu,Yuanyuan Yu,钱光付,Lianhua Fu,闵斗勇
250	Engineered Collaborative Size Regulation and Shape Engineering of Tremella-Like Au-MnOx for Highly Sensitive Bimodal-Type Lateral Flow Immunoassays	SMALL	2023-06-28	2	SCI	15.153	Sijie Liu,Yangjun Liao,Yinnuo Zhang,Rui Shu,Mingrui Zhang,Xing Luo,Chenyang Sun,Leina Dou,曾林涛,王建龙
251	Novel dual-action vanillic acid pretreatment for efficient hemicellulose separation with simultaneous inhibition of lignin condensation	BIORESOURCE TECHNOLOGY	2023-06-28	1	SCI	11.889	王飞,刘宝杰,曹文清,柳露,曾繁妍,覃程荣,梁辰,黄曹兴,姚双全
252	Intestine-targeted high internal phase Pickering emulsion formulated using silkworm pupa protein via ultrasonic treatment	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2023-07-01	1	SCI	8.025	江虹锐,王小艺,韩丽淑,唐澄江,何洁,闵斗勇
253	Liquid-Solid Triboelectric Probes for Real-Time Monitoring of Sucrose Fluid Status	ADVANCED FUNCTIONAL MATERIALS	2023-07-04	1	SCI	19.924	刘涛,莫文凤,邹雪莲,罗斌,张松,刘艳华,蔡晨晨,池明超,王金龙,王双飞,陆登俊,聂双喜
254	Distinct microplastics abundance variation in root-associated sediments revealed the underestimation of mangrove microplastics pollution	SCIENCE OF THE TOTAL ENVIRONMENT	2023-07-15	1	SCI	10.754	李铁柱,王艺锦,焦猛,赵祯,李锐龙,覃程荣
255	Physicochemical and functional properties of Pleurotus eryngii proteins with different molecular weight	LWT-FOOD SCIENCE AND TECHNOLOGY	2023-07-15	1	SCI	6.056	吴丹珠,贾潇,郑新蕾,莫炎敏,滕建文,黄丽,夏宁

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256	Recent Advances in Sustainable Antimicrobial Food Packaging: Insights into Release Mechanisms, Design Strategies, and Applications in the Food Industry	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2023-07-19	1	SCI	5.895	赵媛,李博,张文平,张蓝予,赵辉,王双飞,黄崇杏
257	Selective enrichments for color microplastics loading of marine lipophilic phycotoxins	JOURNAL OF HAZARDOUS MATERIALS	2023-07-23	1	SCI	14.224	李锐龙,王九明,邓俊,彭巨,王艺锦,李铁柱,刘贝贝,张勇
258	Gradient synthesis of carbon quantum dots and activated carbon from pulp black liquor for photocatalytic hydrogen evolution and supercapacitor	ADVANCED COMPOSITES AND HYBRID MATERIALS	2023-08-01	1	SCI	11.806	陈新瑞,赵思宇,康希恒,何彩玉,赵培涛,Xianzhi Meng,Arthur J. Ragauskas,Pang Jingdong,宋雪萍
259	Insights on structure and antioxidant properties of lignin extracted from Eucalyptus by deep eutectic solvent/2-methyltetrahydrofuran biphasic system treatment	INDUSTRIAL CROPS AND PRODUCTS	2023-08-14	2	SCI	6.449	孙莉莉,李玉,曹学飞,姚双全,孙少妮
260	Selective separation of hemicellulose from poplar by hydrothermal pretreatment with ferric chloride and pH buffer	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2023-08-16	1	SCI	8.025	后亚军,王珊珊,邓宝娟,马云,龙杏,覃程荣,梁辰,黄曹兴,姚双全
261	Virtual screening and directional preparation of xanthine oxidase inhibitory peptides derived from hemp seed protein	FOOD SCIENCE AND HUMAN WELLNESS	2023-08-16	1	SCI	8.022	黄晓妮,廖佳珺,时萍,裴晓东,王成华
262	Natural dye-mediated signal tracer strategy: a green route for ultra-efficient immunochromatographic detection of antibiotics	GREEN CHEMISTRY	2023-08-24	3	SCI	11.034	Shaochi Wang,Ting Du,Junqi Huangmin,Sijie Liu,Ying Zhu,Daohong Zhang,Jing Sun,Yanru Wang,曾林涛,Jianlong Wang
263	Carbonized flowery carbon derived from lignin for efficient heat to current conversion of low-grade heat	INDUSTRIAL CROPS AND PRODUCTS	2023-08-26	1	SCI	6.449	娄睿,柏凌翹,张慰,黄贵云,张哲,吴明芳,王灿,蔡慧,沙九龙
264	Metabolic regulation of Shewanella oneidensis for microbial electrosynthesis: From extracellular to intracellular	METABOLIC ENGINEERING	2023-08-27	2	SCI	8.829	罗青柳,李逸鑫,苏佳莹,董国文,曹明峰,王远鹏
265	Multiscale Structural Nanocellulosic Triboelectric Aerogels Induced by Hofmeister Effect	ADVANCED FUNCTIONAL MATERIALS	2023-08-28	1	SCI	19.924	罗斌,蔡晨晨,刘涛,蒙香江,庄新立,刘艳华,高聪,迟明超,张松,王金龙,白亚宇,王双飞,聂双喜
266	Fire-retardant hydroxyapatite/cellulosic triboelectric materials for energy harvesting and sensing at extreme conditions	NANO ENERGY	2023-09-01	1	SCI	19.069	段青山,章志君,赵佳敏,何娟霞,彭伟卿,张叶,刘涛,王双飞,聂双喜
267	Quantifying health risks of platisphere antibiotic resistome and deciphering driving mechanisms in an urbanizing watershed	WATER RESEARCH	2023-09-02	2	SCI	13.400	朱龙吉,李锐龙,杨凯,徐飞,林辰硕,陈清林,朱东,孙干,朱永官,崔丽



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268	Recent Advances in Flexible CNC-Based Chiral Nematic Film Materials	SMALL	2023-09-06	1	SCI	15.153	邹徐洋,薛锐,安泽玮,李宏伟,张佳乐,姜言,黄丽婕,伍巍,王双飞,胡国华,罗伯特李,赵辉
269	Synthesis of Mg-K-biochar bimetallic catalyst and its evaluation of glucose isomerization	BIOCHAR	2023-09-08	1	SCI	11.452	康希恒,游紫,彭坚,Arthur J. Ragauskas,庞靖东,赵培涛,尹勇军,宋雪萍
270	Green bio-based aprotic solvents for efficient fractionation of hemicellulose and targeted value addition of lignin	INDUSTRIAL CROPS AND PRODUCTS	2023-09-09	1	SCI	6.449	李娇,李涛,汪洋,杜子成,罗雅丹,覃程荣,梁辰,黄曹兴,姚双全
271	Phase change materials in food: Phase change temperature, environmental friendliness, and systematization	TRENDS IN FOOD SCIENCE & TECHNOLOGY	2023-09-09	1	SCI	16.002	胡驰,沙俐姗,黄崇杏,罗婉如,李博,黄浩河,许乘龙,张凯凯
272	Fucogalactan sulfate (FS) from Laminaria japonica Regulates Lipid Metabolism in Diet-induced Humanized Dyslipidemia Mice via Intestinal FXR-FGF19-CYP7A1/CYP8B1 Pathway	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2023-09-13	1	SCI	5.895	宋江平,陆星宇,刘登鸿,张雨薇,翟晓宁,周刘洋,高洁
273	Smart antibacterial nanocellulose packaging film based on pH-stimulate responsive microcapsules synthesized by Pickering emulsion template	CARBOHYDRATE POLYMERS	2023-09-14	1	SCI	10.723	吴敏,薛舟,王彩霞,王涛,邹东城,鲁鹏,宋雪萍
274	Ultraviolet-Light-Driven Electricity Generation by a TiO2/Graphene Composite in Water	ACS MATERIALS LETTERS	2023-09-25	1	SCI	11.170	李思琪,李建宗,张含笑,罗斌,蔡慧,聂双喜,沙九龙
275	Energetic-environmental-economic assessment of syngas preparation from weak black liquor to replace evaporation based on coal water slurry gasification technology	ENERGY	2023-09-27	1	SCI	8.857	尹勇军,刘江,杨晶晶,王洋,贾艳龙,宋雪萍,吴敏,满奕
276	Construction of self-healable and recyclable waterborne polyurethane-MOF membrane for adsorption of dye wastewater based on solvent etching deposition method	SEPARATION AND PURIFICATION TECHNOLOGY	2023-10-08	1	SCI	9.136	李宏伟,张佳乐,薛锐,安泽玮,伍巍,刘杨,胡国华,赵辉
277	Triboelectric-photocatalytic coupling enhanced photogenerated electrons and holes utilization for efficient algal inactivation	NANO ENERGY	2023-10-10	5	SCI	19.069	董飞龙,张培峰,程嘉义,陈嘉宁,刘涛,马晓燕,宋爽,聂双喜
278	A ratiometric fluorescence platform for on-site screening meat freshness	FOOD CHEMISTRY	2023-10-15	1	SCI	9.231	张靳,杨颖,曾林涛,王建龙
279	The effect of lutein on the oxidation of egg yolk phospholipids in a liposome model	FOOD CHEMISTRY-X	2023-10-15	1	SCI	6.443	Xiaoying Yang, Jinshan Xiao,万鹏,刘洁,莫海涛,陈德慰
280	Wet-resistant, dustproof, and germproof self-powered lignocellulosic triboelectric filters for respiratory protection, monitoring, and diagnosis	CHEMICAL ENGINEERING JOURNAL	2023-10-21	1	SCI	16.744	蔡辰辰,刘艳华,李镰岑,董藤藤,陈卫,周正,李秋娴,孙悦,彭文暄,王金龙,聂双喜,李许生



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281	Preparation and properties of modified cassava starch slow-release hydrogel with acid and alkali resistance	INDUSTRIAL CROPS AND PRODUCTS	2023-10-22	1	SCI	6.449	黄丽婕,韩晓雪,莫琪,王亚男,王希越,黎怡杉,黄崇杏,段青山
282	Facile and Sustainable Synthesis of Sugarcane-Derived Binderless Self-Supported Porous Carbon Membrane for Advanced Electrode Materials	INDUSTRIAL CROPS AND PRODUCTS	2023-10-26	1	SCI	6.449	盖莉莉,李凯,牛德宝,张爱琳,张涌牛,冯远鑫,李坚斌,刘焘
283	Characterization of the physicochemical properties of Lipu Colocasia esculenta (L.) Schott starch: A potential new food ingredient	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2023-10-31	1	SCI	8.025	黄冠儒,王福,杨睿,王自超,方忠祥,林莹,朱雨薇,白露露
284	A silver nanoparticles-poly(lactic acid) microspheres/poly(lactic acid)-thermoplastic polyurethane nanofibers hierarchical antibacterial film	INDUSTRIAL CROPS AND PRODUCTS	2023-11-09	1	SCI	6.449	吴泽成,章志君,宋旭玲,彭伟卿,赵西坡,赵辉,梁东武,黄崇杏,段青山
285	hROS-responsive behavior for long-term stability of cellulosic gold nanoclusters	SMALL	2023-11-14	1	SCI	15.153	于珊珊,李浩源,段玉杰,夏思源,刘辉,黄欢欢,朱红祥,王磊,何辉,王双飞
286	Effects of resveratrol on the cell membrane and intracellular Biomacromolecules of Acetobacter sp.	LWT-FOOD SCIENCE AND TECHNOLOGY	2023-11-16	1	SCI	6.056	张爱琳,牛德宝,董焱帆,冯小芹,刘继栋,滕永欣,曾新安,王双飞
287	Efficient and accurate fractionation of eucalyptus using glycolic acid-catalyzed hydrothermal treatment and alkali treatment comprehensive technology	INDUSTRIAL CROPS AND PRODUCTS	2023-11-16	1	SCI	6.449	罗雅丹,刘宝杰,邓宝娟,龙杏,杜子成,覃程荣,梁辰,黄曹兴,姚双全
288	Intramolecular cascade reaction sensing platform for rapid, specific and ultrasensitive detection of nitrite	FOOD CHEMISTRY	2023-11-19	1	SCI	9.231	曾林涛,柯映均,杨肖瑞,蓝敏焕,赵邵静,朱北童
289	Liquid metal-based triboelectric nanogenerators for energy harvesting and emerging applications	NANO ENERGY	2023-11-21	1	SCI	19.069	许贝,彭伟卿,何娟霞,张叶,宋旭玲,栗剑锋,章志君,罗懿,蒙香江,蔡晨晨,刘艳华,韦芷婷,聂双喜,段青山
290	Tunable Anisotropic Structural Aramid Triboelectric Aerogels Enabled by Magnetic Manipulation	ADVANCED FUNCTIONAL MATERIALS	2023-11-22	1	SCI	19.924	迟明超,张松,刘涛,刘艳华,罗斌,王金龙,蔡晨晨,蒙香江,王双飞,段青山,聂双喜
291	Cellulose ionic gel and its sustainable thermoelectric devices – Design, applications and prospects	NANO ENERGY	2023-11-25	3	SCI	19.069	龙倩,姜舸媛,周建宏,赵大伟,贾普友,聂双喜
292	Gut microbiota-bile acid crosstalk regulates murine lipid metabolism via the intestinal FXR-FGF19 axis in diet-induced humanized dyslipidemia	MICROBIOME	2023-11-25	1	SCI	16.837	徐鸿涛,方芳,吴凯璋,宋江平,李雅倩,陆星宇,刘俊成,周刘洋,于飞,高洁
293	Dynamic Thermostable Cellulosic Triboelectric Materials from Multilevel-Non-Covalent Interactions	SMALL	2023-11-28	1	SCI	15.153	王金龙,刘艳华,刘涛,张松,韦芷婷,罗斌,蔡晨晨,迟明超,王双飞,聂双喜
294	Triboelectric probes for investigating charge transfer at the colloid-solid interface	NANO ENERGY	2023-12-01	1	SCI	19.069	罗斌,蔡晨晨,刘涛,张松,高聪,刘艳华,迟明超,王金龙,王双飞,聂双喜

序号	论文名称	发表刊物	发表时间	本校排名	分区类型	影响因子	完成人
295	Biomimetic Wearable Sensors: Emerging Combination of Intelligence and Electronics	ADVANCED SCIENCE	2023-12-03	1	SCI	17.521	潘冬雷,胡佳旺,王彬,夏轩杰,程奕帆,王成华,卢元
296	Dissolution behavior of ionic liquids for different ratios of lignin and cellulose in the preparation of nanocellulose/lignin blends	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2023-12-05	1	SCI	9.965	黄浩河,郑超健,黄崇杏,王双飞
298	Insight into the role of niche concept in deciphering the ecological drivers of MPs-associated bacterial communities in mangrove forest	WATER RESEARCH	2023-12-08	1	SCI		王艺锦,焦猛,赵桢,王英辉,李铁柱,魏怡华,李锐龙,杨飞
299	N-induced compressive strain in Ni-MoO <sub>2</sub> heterostructure with micro-nano array for improving high-current-output urea-assisted water electrolysis performance	CHEMICAL ENGINEERING JOURNAL	2023-12-09	1	SCI		钱光付,陆天,王云鹏,许浩田,曹欣雨,谢泽瀚,陈昌洲,闵斗勇
300	Amphiphilic hemicellulose based-biosurfactants for the efficient hydrocarbons separation from oily sludge	JOURNAL OF CLEANER PRODUCTION	2023-12-10	1	SCI	11.072	黄海波,李志涵,秦艳,胡灿,覃程荣
301	Novel Antioxidant Peptides Derived from Feather Keratin Alleviate H <sub>2</sub> O <sub>2</sub> -Induced Oxidative Damage in HepG2 Cells via Keap1/Nrf2 Pathway	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2023-12-11	1	SCI	5.895	裴晓东,何依宁,吴庆龄,张艳梅,李凡,焦道权,刘小玲,王成华
302	Hierarchical Porous Triboelectric Aerogels Enabled by Heterointerface Engineering	NANO ENERGY	2023-12-21	1	SCI		高聪,张旺林,刘涛,罗斌,蔡晨晨,迟明超,张松,刘艳华,王金龙,赵佳敏,覃程荣,聂双喜
303	A time-multiplexed self-erasing nanopaper for water induced information transmission	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2023-12-24	1	SCI		赵子涵,董蝶,于珊珊,夏思源,段玉杰,刘辉,程菲,王磊,朱红祥,何辉
304	Stepwise transform sugarcane bagasse into xylooligosaccharides and fermentable glucose by hydrothermal-xylanase-acid-cellulase hydrolysis	INDUSTRIAL CROPS AND PRODUCTS	2023-12-31	2	SCI		张启波,张玉洁,姚双全,黄蓉,周鑫,蒋侃侃