

## Poster Session /展报安排

展报展出的论文为除口头报告交流的英文试验论文，由大会学术委员会专家评审确定。大会提供展板，请各代表自备展报，尺寸为宽 0.9m，高 1.1 m，在报到后至 12 月 3 日早 8: 30 前对应展板上的序列号张贴完毕。展出时间为 12 月 3—4 日两天，集中讲解时间为 12 月 3 日中午 12: 30—13: 20，12 月 4 日 17: 30 分前各自取回。

### Section 1—*Jatropha curcas* L. & Biodiesel (JB) /第一分会—麻风树和生物柴油

Title/文章题目	Authors/作者	Affiliation/单位	Poster Number /展报序号
Effect of nitrogen deficiency and high salinity on intracellular lipid and calorific values of <i>Chlorella pyrenoidosa</i> in two-step cultivation system	Guan-hua Huang , Feng Chen	College of Light Industry and Food sciences, South China University of Technology	<b>P-JB-001</b>
Effects of Different Levels of Nitrogen Fertilizer on Accumulating Regulation of Forage Quality Characters in Sweet Sorghum Stalk	Feng LUO, Zhong-you PEI, Shou-jun SUN, Jin-zhao WEI, Qiu-ling CHEN, Jian-ming GAO	Department of agronomy, Tianjin Agricultural College	<b>P-JB-002</b>
Nitrogen Ion Implantation Regulated Lipid Peroxidation of <i>Sloanea hemsleyana</i> Seeds	Zhi-hui Li, Bin Zhang, Jia Lu	College of Resource & Environment, Central South University of Forestry Technology	<b>P-JB-003</b>
Preparation of biodiesel catalyzed by KF/CaO with ultrasonic	Qian Weiwei ,Yang Liang, LU Xiaoping	Institute of Sonochemical Engineering, Nanjing University of Technology	<b>P-JB-004</b>
MYCORRHIZAL COLONIZATION AND PRODUCTION POTENTIAL OF THE ENERGY PLANTS IN BRASSICA	Mu-lan DAI,Xiao-hong YANG, Ji-yu CHEN, Dong-qin GUO, Dong-yan LI,Zhi-qin ZHOU	College of Horticulture and landscape Architecture, Southwest University	<b>P-JB-005</b>
Biomass Production, Chlorophylla and Carotenoid Contents of <i>Spirulina Maxima</i> in Mixed Culture of Lactose	Jiang ZHENG, Shi-yu HUANG	Key Laboratory of Science and Technology for Aquaculture and Food Safety in Fujian Province University, Fisheries College of Jimei University	<b>P-JB-006</b>
Study on Preparation and Property of Biodiesel with Leather Waste Fat	Jian-zhong MA, Yong-neng WANG, Yang-min MA	College of Resource and Environment, Shaanxi University of Science & Technology	<b>P-JB-007</b>
Resource Status and Biodiesel Production of Main biofuel Tree Seed Oils in Northwest of China	Su yin-quan, Yang fang-xia, Li xiu-hong, Xue-gang	Northwest A&F University College of Forestry	<b>P-JB-008</b>
PSEUDOMONAS FLUORESCEN LIPASE IMMOBILIZED ON LUFFA SPONGE AND ITS APPLICATION IN	Fei QIAN, Bao-hua ZHANG, Jun-dan YE, Bin CHEN, Xian ZHU, Xiao-ya GUO	College of Environmental and Chemical Engineering , Shanghai University	<b>P-JB-009</b>

PREPARING BIODIESEL			
Optimization of transesterification of Chinese tallow kernel oil using response surface methodology	Shu-wei TAO, Bao-an SONG, Song YANG, Wei XUE, Rui WANG, Zhao-hui JIA, Liang GAO, Da LIU	Center for Research and Development of Fine Chemicals, Key Laboratory of Green Pesticide and Agricultural Bioengineering, Ministry of Education, Guizhou University	<b>P-JB-010</b>
CANES HAVE STILL BIGGER SUPERIORITIES AS RAW MATERIAL OF AUTOMOBILE ALCOHOL	TAN Xianping	Academy of Plant Engineering in Sichuan Province	<b>P-JB-011</b>
Control methods of Jatropha curcas Mats in Dry-Hot Valley of Yunnan	CHEN Yi-qi, YUAN Li-chun, QU Wen-lin, JIN Jie, FAN Yuan-hong	Tropic Eco-agriculture Research Institute, Yunnan Agricultural Academy	<b>P-JB-012</b>
Study on grafting and improving of biomass energy plant-Jatropha carcass L	He Lu, Fan-Yuanhong Sha-Yucang, Yuan-Lichun, Duan-Yuetang, Qu-Wenlin,	Institute Tropical Eco-agriculture, Yunnan Academy of Agricultural Sciences	<b>P-JB-013</b>
Study on the using of cyanobacteria	Hai-lin YANG, Ke-lang LI, Ling ZHANG, Yang LIU, Ming-bo DING, Wu WANG	Key Laboratory of Industry Biotechnology of Ministry of Education, Jiangnan University	<b>P-JB-014</b>
The Effect of nitrogen and phosphorous fertilizers application rate on the yield and quality characters of sweet sorghum	Chen Lianjiang, Chen Li, Zhao Chunlei	Sugarbeet Research Institute of Chinese Academy of Agricultural Sciences	<b>P-JB-015</b>
Effect of Influence Factors on Activity of SPS and Stalk Brix of Sweet Sorghum	Zifang LI, Zhongyou PEI, Jianming GAO, Fengyan ZANG, Feng LUO, Shoujun SUN	Department of Agronomy, Tianjin Agricultural University	<b>P-JB-016</b>
Properties of Immobilized Lipase as a catalyst for the transesterification of rapeseed	LIAO Kaibo, ZENG Hong-yan, XIA Kui, JIANG He	Biotechnology Institute, School of Chemical Engineering, Xiangtan University	<b>P-JB-017</b>
Comparison of conventional, ultrasound and microwave-assisted preparation of biodiesel from Jatropha curcas L. seed oil using heterogeneous catalyst	Rui WANG, Song YANG, Bao-an SONG, Wei XUE, Shuwei TAO, Zhaohui JIA, Da LIU, Liang GAO	Center for Research and Development of Fine Chemicals, Key Laboratory of Green Pesticide and Agricultural Bioengineering, Ministry of Education, Guizhou University	<b>P-JB-018</b>
Biodiesel production by two step catalyzed processes from rapeseed oil deodorizer distillate	Liu Yun, Wang Zhicheng, Hu Fang, Wei Fuxiang	College of Life Science and Technology, Huazhong University of Science and Technology	<b>P-JB-019</b>
COMBUSTION AND EMISSIONS CHARACTERISTICS OF DIESEL ENGINE FUELLED WITH BIODIESEL	WANG Zhong, MAO Gong-ping, YUAN Yin-nan, MEI De-qing, HUANG Hui-long, XU Guang-ju	School of Automobile and Traffic Engineering, Jiangsu University	<b>P-JB-020</b>
Study on Synthesis of Fatty Acid Ethyl Esters from Soybean Oil	Ji-ke LU, Ji-xian HOU, Kai-li NIE, Fang	Beijing Key Laboratory of Bioprocess, College of	<b>P-JB-021</b>

by Immobilized Lipase Candida sp. 99-125	WANG, Tian-wei TAN	Life Science and Technology, Beijing University of Chemical Technology	
Mechanism of Transesterification Reaction of Producing Biodiesel in Supercritical Methanol	Lian-yuan Wang, Wen-hao Xu, Jichu Yang	Institute of Chemical Defence Department of Chemical Engineering, Tsinghua University	<b>P-JB-022</b>
Study on the Coupling Process of Catalytic Esterification and Extraction of High Acid Value Waste Oil with Methanol	Zhang Yi, Lu Xianghong, Yu Yunliang, Ji Jianbing	College of Chemical Engineering and Materials Science, Zhejiang University of Technology	<b>P-JB-023</b>
THE NEGATIVE EXPRESSION OF PEPC GENE IN CYANOBACTERIA TO IMPROVE THE PRODUCTIVITY OF BIODIESEL MATERIAL	Li-Jun HOU, Ding-Ji SHI, Ze-Fu CAI, Xiao-Hui JIA, Xue-kui WANG	School of Marine Sciences & Engineering, Tianjin University of Sciences & Technology	<b>P-JB-024</b>
Preparation of Biodiesel and Epoxy Curing Agent C21 Diacid Polyamide From Tung Oil	Jianling Xia, Kun Huang, Xiao'an Nie, Xiaohua Yang, Haiyang Ding	Institute of Chemical Industry of Forest Products, Chinese Academy of Forestry	<b>P-JB-025</b>
<b>Section 2—Biomass gasification &amp; Pyrolysis (BP) / 第二分会——生物质气化和热裂解</b>			
<b>Title/文章题目</b>	<b>Authors/作者</b>	<b>Affiliation/单位</b>	<b>Poster Number /展报序号</b>
Preliminary experiments of biomass gasification in a self-heated fluidized bed	Fan xiaoxu, Xiao Qi, Jiang Guilin, Li Song, Guo Dongyan	Energy Research Institute of Shandong Academic Sciences	<b>P-BP-001</b>
The dynamics study on Co-gasification of coal and biomass	Ren haijun ,Zhang yongqi, Fang yitian,Wang yang	Institute of Coal Chemistry, Chinese Academy of Sciences	<b>P-BP-002</b>
13-Experimental Study on Bio-oil Pyrolysis/Gasfication	Ying Gao, Han-ping Chen, Hai-ping Yang, Rui-xue He, Shi-hong Zhang, Xian-huaWANG	State Key Laboratory of Coal Combustion, Huazhong University of Science and Technology	<b>P-BP-003</b>
Metamorphic Grain Pyrolysis and Kinetic Study	YAO Lei, ZHU Xiu-ming, LI Xin-meng, LI Chuan-tong	School of Power Engineering, Nanjing Normal University	<b>P-BP-004</b>
Investigation of production of hydrogen-rich gas from fir sawdust by catalytic gasification	Feng YAN, Zhi-quan HU, Mao-yun HE, Li JIA, Ren-jing YI	Huazhong University of Science and Technology	<b>P-BP-005</b>
Synergetic Effect of Co-pysolysis of Biomass Blends and Coal of Different Rank	Xuao LU, Weiping YAN, Yinying CHEN	MOE'S Key Lab for Condition Monitoring and Contml of Power Equipment, North China University of Electric Power	<b>P-BP-006</b>

Experimental Study of no Reduction by Biomass Gasification Tar	Jia Duan, Rui-zhi Zhang, Chun-yuan Liu, Yong-hao Luo	School of Mechanical and Power Engineering, Shanghai Jiao Tong University	<b>P-BP-007</b>
The Cracking Experiment Research of Tar by Cao Catalyst	Xuehui Li, Tie Mi, Wu Zhengshun, Yifeng Chen, Qiangxian Wu	The chemistry college , Huazhong Normal University	<b>P-BP-008</b>
Production of hydrogen-rich fuel gas from plant biomass by catalytic pyrolysis at low temperature	Chang WANG, Qing-lan HAO , Ding-qiang LU, Gui-ju LI, Qing-zhu JIA , Yao Wang	Department of Environmental Science and Engineering, Tianjin University of Science & Technology	<b>P-BP-009</b>
Development of nano-Ni-La-Fe /Al <sub>2</sub> O <sub>3</sub> catalyst to be used for syn-gas production and tar removal from biomass gasification	Jian-fen LI, Bo XIAO, Rong YAN, Xiao-rong XU	Department of Chemical and Environmental Engineering, Wuhan Polytechnic University Huazhong University of Science and Technology Nanyang Technological University	<b>P-BP-010</b>
Study on biomass Circulation and Gasification Performance in a Clapboard-type Internal Circulation Fluidized Bed Gasifier	Zhao-qiu ZHOU, Long-long MA, Xiu-li YIN, Chuang-zhi WU, Li-cheng HUANG, Chu WANG	Guangzhou Institute of Energy Conversion, The Renewable Energy and Gas Hydrate Key Laboratory of ,Chinese Academy of Sciences	<b>P-BP-011</b>
Experimental Study of Block in Condenser During Biomass Pyrolysis Process	Xu Jin, Zhang Jun, Wei Xinli	Department of Chemical Engineering, Zhengzhou University	<b>P-BP-012</b>
How to Determine the Bed Temperature of CFB Firing Biomass	Qing-hai LI, Yan-guo ZHANG, Ai-hong MENG, Jing LIANG, Di-li-xia-ti WU-BU-LI	Key Laboratory for Thermal Science and Power Engineering of Ministry of Education, Department of Thermal Engineering, Tsinghua University	<b>P-BP-013</b>
Characteristics of Biomass Gasification in an Entrained-flow Reactor	Shaozeng Sun, Yijun Zhao, Hongming Tian, Juan Qian, Fengming Su, Feng Ling	Combustion Engineering Research Institute, School of Energy Science and Engineering, Harbin Institute of Technology ; China Power Complete Equipment Co., Ltd.	<b>P-BP-014</b>
Process simulation of single-step DME production via biomass gasification	Fu-dong Ju, Han-ping Chen, Hai-ping Yang, Xian-Hua Wang, Ying-qiang Shen, Shi-hong Zhang, Zheng-hua Dai	State Key Laboratory of Coal Combustion, Huazhong University of Science and Technology	<b>P-BP-015</b>
Study of Corrosion Performance of Metals in Biomass Oil	Xian-guo HU , Li-li ZHOU, Qiong-jie WANG, Yu-fu XU	Institute of Tribology, Hefei University of Technology	<b>P-BP-016</b>

Study on the Technique of H <sub>2</sub> Production in Pine Sawdust Gasfication using CO <sub>2</sub> -steam Agent	Zhang Qiang, En-chen Jiang	College of Engineering, South China Agricultural University	<b>P-BP-017</b>
Pyrolysis characteristics of rice husk by microwave heating	Jun Wang, Ming-qiang Chen , Feng-chan wang, Guo-sheng Huang,Ming-gong Chen	School of Chemical Engineering, Anhui UniVersity of Science and Technology	<b>P-BP-018</b>
Bio-oils and Char Coal from Microwave Pyrolysis of Bamboo Residues	Yu-Huan Liu, Ai-Xiang Luo, Long-Lan Gao, Hong Peng, Roger Ruan	Key Laboratory of Food Science of MOE, Nanchang University	<b>P-BP-019</b>
Sudy on the Co-pyrolysis of biomass and coal blending	Shiqing CHENG ,Xianhong WANG ,Hao ZHANG	College of Energy and Power Engineering, Shandong University	<b>P-BP-020</b>
Experimental Study of Block in Condenser During Biomass Pyrolysis Process	Xu Jin, Zhang Jun, Wei Xinli	Department of Chemical Engineering, Zhengzhou University	<b>P-BP-021</b>
Study on Catalytic Experiments of Methanol Synthesis from Cornstalk Syngas	Ling-feng ZHU, Hai-tao MING, Bo WU, Zhe WANG, Yu-ping ZHANG	School of Environmental and Municipal Engineering,North China Institute of Water Conservancy and Hydroelectric Power	<b>P-BP-022</b>
Preliminarily Study on the Preparation and the Activity Evaluation of Unsupported Catalyst Ni-Mo-Al <sub>2</sub> O <sub>3</sub> for Hydrodeoxygenation	Xin WANG, Kai-Hu HOU	Institute of Green Chemical Technology, Hebei University of Technology	<b>P-BP-023</b>
Decomposition and Calcination Characteristics of Calcium-Enriched Bio-oil	Mou Zhang , Han-ping Chen, Xian-hua Wang, Hai-ping Yang, Shi-hong Zhang	State Key Laboratory of Coal Combustion, Huazhong University of Science and Technology	<b>P-BP-024</b>
Improving the quality of fast pyrolysis oil by reduced pressure distillation	Zheng Ji-Lu	Department of Chemistry, Zhengzhou University	<b>P-BP-025</b>
Effects of Catalysts on Pyrolysis of Tannery Sludge	Gui-ju LI, Zi-xi WANG,Gang-xing LEI,Chang Wang	Department of Environmental Science and Engineering, Tianjin University of Science & Technology	<b>P-BP-026</b>
Kinetic Analysis on Pyrolysis of Elephant Grass	Bo-song LI, En-Chen JIANG	College of Engineering, South China Agricultural University	<b>P-BP-027</b>

Enhanced hydrogen production from bio-oil with in situ carbon dioxide capture using calcium-based sorbents	Changfeng Yan, Enyuan Hu, Chiliu Cai, Weimin Luo, Rongrong Hu	Guangzhou Insitute of Energy Conversion, Chinese Academy of Sciences	<b>P-BP-028</b>
100-ton Scale Study on Direct Synthesis of DME from Biomass Synthesis Gas	LV Yongxing, WANG Tiejun, WU Chuangzhi, MA Longlong, CAI Jianyu, Zhou Yi	Key Laboratory of Renewable Energy and Gas Hydrate, Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences	<b>P-BP-029</b>
Thermal decomposition kinetic and simulation of peanut shell	JIN Hui-Jie; LI Yan-Hong; CUI Tie-Bing; LUO Ting-Liang ;REN Bao-Zeng; LIU Guo-Ji	Chemical Engineering Institute of Zhengzhou University,zhengzhou	<b>P-BP-030</b>
Production of Hydrogen by Catalytic Steam Gasification of Lignin with Al <sub>2</sub> O <sub>3</sub> ·Na <sub>2</sub> O·xH <sub>2</sub> O/NaOH/Al(OH) <sub>3</sub> Catalyst	Shen SU, Wen LI and Zong-qing BAI	State Key Laboratory of Coal Conversion, Institute of Coal Chemistry, Chinese Academy of Sciences	<b>P-BP-031</b>
Hydrogen production from bio-oil using electrochemical catalytic reforming method over Ni based catalyst	Li-xia YUAN , Qi ZHAI , Shao-bin LIN ,Quan-xin LI	Department of Chemical Physics, Lab of Biomass Clean Energy, University of Science & Technology of China	<b>P-BP-032</b>

### Section 3— Fuel ethanol & Hydrogen (FH) /第三分会——燃料乙醇和制氢

<b>Title/文章题目</b>	<b>Authors/作者</b>	<b>Affiliation/单位</b>	<b>Poster Number /展报序号</b>
CELLULASE PRODUCTION BY SOLID STATE FERMENTATION USING BAGASSE WITH <i>Penicillium decumbens</i> L-06	Chuan-nan Long, Yue-qin Ou, Ping Guo, Yun-tao Liu, Qiu-rong Huang, Jing-jing Cui, Min-nan Long, Zhong Hu	Department of Biology, Shantou University,	<b>P-FH-001</b>
HIGH-LEVEL EXPRESSION $\beta$ -GLUCOSIDASE GENE IN <i>PACHIA PASTORIS</i>	ZHAO Lin-guo, You Li-jin, NI Hao, LI Li-juan, ZHOU Tanche, YU Shi-yuan	College of Chemical Engineering, Nanjing Forestry University	<b>P-FH-002</b>
EVALUATION OF CELLULASE PRODUCTION BY A NEW MUTANT STRAIN OF <i>Penicillium decumbens</i> ML-017	Yun-tao Liu, Hai-dong Wang, Ze-yu Luo, Chuan-nan Long, Min-nan Long, and Zhong Hu	Department of Biology, Shantou University	<b>P-FH-003</b>
			<b>P-FH-004</b>
The production of Fuel Ethanol by Solid Substrate Fermentation from <i>Canna edulis</i> Ker	Wu tianxiang, Tang qingli, Zhu zuohua, Zhang haiyan	School of Chemical Engineering, Guizhou University	<b>P-FH-005</b>
13X Zeolite Catalyzed Degradation of Cellooligosaccharides	Hong Peng, Yu-huan Liu, Rong-sheng Ruan1, Min-gang Lin	State Key Laboratory of Food Science and Technology, Nanchang University	<b>P-FH-006</b>

Dilute acid pretreatment, enzymatic saccharification and fermentation of elephantgrass and sudangrass to ethanol	Yunchen Zhao , Zui Yu , Jianlong Li, Haixia Huang , Juan Fan, Hong Zhou	State key laboratory of pharmaceutical biotechnology, School of life science, Nanjing University	<b>P-FH-007</b>
Conversion of Corn Stover into Sugars by Steam Explosion Pretreatment and Enzymatic Hydrolysis	Shang-xing Chen, Yong Xu, Qiang Yong, Jun-jun Zhu, Shi-yuan Yu	Key Laboratory of Forest Genetics & Biotechnology, Ministry of Education, Nanjing Forestry University	<b>P-FH-008</b>
Sugar preparation From Corn Stover by Two-Stage Acid Hydrolysis under Normal Pressure	Fang-fang LI, Wa-li GUO, Huan WANG	College of Chemical Engineering, Shenyang Institute of Chemical Technology	<b>P-FH-009</b>
Detoxification of the Bioethanol Production by Removing Lignin and Hemicelluloses from Lignocellulosic Materials	Run-Cang Sun	State Key Laboratory of Pulp and Paper Engineering, South China University of Technology	<b>P-FH-010</b>
Effects of Microwave/Alkali Pretreatment on Sugarcane Bagasse Enzymatic Hydrolysis and Accessibility	Yan-qiu Guo, Zhi-wei Lv, Jin-shui Yang, Hong-li Yuan	College of Biological Science, Key Laboratory of Agro-Microbial Resource and Application, Center of Biomass Engineering, China Agricultural University	<b>P-FH-011</b>
Description of Spirochaeta saccharolytica sp. nov., an anaerobic hydrogen-producing bacterium	Li-li NIU, Xiao-li LIU, Cheng-gang WU, Xiu-zhu DONG	State Key Laboratory of Microbial Resources, Institute of Microbiology, Chinese Academy of Sciences	<b>P-FH-012</b>
Fermentative hydrogen production from sweet sorghum stalks by mixed anaerobic sludge at mesophilic temperature	Xiang-xing Shi , Hong-chuan Song , Zun-xi Huang , Run-sheng Tang , Tian-rong Gao , Jian Xie	Provincial Key Lab of Rural Energy Engineering, Yunnan Normal University	<b>P-FH-013</b>
Separation and Characteristic Analysis of Enzymatic Hydrolysis Lignin from Cornstalks Residue	Chen Yunping , Cheng Xiansu	College of Material Science and Engineering, Fuzhou University	<b>P-FH-014</b>
Anaerobic Fermentation for Hydrogen Production from 11 Organic Acids	Li Jianchang, Liu Li, Zhang Wudi	Provincial Key Lab of Rural Energy Engineering, Yunnan Normal University	<b>P-FH-015</b>
Studies on Anaerobic Fermentation Biohydrogen Production from Molasses Wastewater	LI Yong-feng , HAN Wei, XU Jing-li ,CHEN Hong, WANG Lu, YANG Chuan-ping	College of Chemistry and Chemical Engineering, Shanghai University Engineering and Science	<b>P-FH-016</b>

Metabolic pathways of hydrogen production in anaerobic activated sludge fermentation process	Junguo He, Liguozhang, Jianzheng Li, Sheng Chang, Zhi Qin	State Key Laboratory of Urban Water Resource and Environment, Harbin Institute of Technology	<b>P-FH-017</b>
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**Section4— Industrialization & Others (10) /第四分会—工业化和其他技术**

<b>Title/文章题目</b>	<b>Authors/作者</b>	<b>Affiliation/单位</b>	<b>Poster Number /展报序号</b>
Boosting Biogas Production of Corn Stover Pretreated with Sodium Hydroxide in the Wet Solid State	Ming-xia ZHENG, Xiu-jin LI, Lai-qing LI, Yan-feng HE	Department of Environmental Science and Engineering, Beijing University of Chemical Technology	<b>P-IO-001</b>
Anaerobic Fermentation of Biogas Using Cotton Stalk as raw material	YANG Li, ZHANG Ting, WANG Zhi, WANG Yong-ze, LI Dong-sheng, WANG Jing-hua	Biological Engineering Institute, Hubei University of Technology	<b>P-IO-002</b>
Effect of citrate on productions of volatile fatty acids and methane in anaerobic batch fermentation of organic wastewater	Zhi Wang, Yongze Wang, Zhenhua Yu, Xiong Chen, Jinhua Wang, Dongsheng Li	Hubei Provincial Key Laboratory of Industrial Microorganisms, Hubei University of Technology	<b>P-IO-003</b>
Effect of Different Adsorbents on Biogas Fermentation Efficiency of rice Straw	SHAOMing-sheng, WANG Zhi, Wang YONG-ze, LI Dongsheng, WANG Jin-hua	Biological Engineering Institute, Hubei University of Technology	<b>P-IO-004</b>
Effect of Sodium Hydroxide Solid State Pretreatment on Physicochemical Characteristics of Rice Straw for enhancing biogas production	Yan-feng HE, Xiu-jin LI, Yan-ping LIU, Ming-xia ZHENG	Department of Environmental Science and Engineering, Beijing University of Chemical Technology	<b>P-IO-005</b>
Investigation on Synergistic Effect in Anaerobic Co-digestion of Kitchen Waste with Cattle Manure	Rong-ping LI, Yan-feng HE, Bao-ning ZHU, Shu-lin CHEN, Xiu-jin LI	Department of Environmental Science and Engineering, Beijing University of Chemical Technology	<b>P-IO-006</b>
Enhancement of Biogas Production from Corn Wastes Using Microbial Stimulants	Zhongliang Ma, Yinlei Zhang, Rentao Song, Zhengkai Xu	Shanghai Key laboratory of Bioenergy crops, School of Life Sciences, Shanghai University	<b>P-IO-007</b>
Study on full-scale anaerobic process treating ultra-high concentration alcohol wastewater	YUAN Xu-feng, LIN Chang-song, ZHU Wan-Bin, WANG Xiao-fen, CHENG Xu, GAO Rui-fang, LIANG Jin-guang, CUI Zong-jun	Center of Biomass Engineering, China Agricultural University / College of Agronomy and Biotechnology, China Agricultural University	<b>P-IO-008</b>

Scheme Design and Economic Analysis on Small-scale Biogas Liquefaction Cycle	Qing-hu FAN, Hong-yan LI, Quan-sen YIN, Jie-shi CUI,	Institute of Cryogenics and Superconductivity Technology, Harbin Institute of Technology	<b>P-IO-009</b>
Economical Research on Biomass Energy Resource Supply System	Xian-ming DAI, Han-ping CHEN, De-yuan WANG, Hai-ping YANG, Xian-hua WANG, Shi-Hong Zhang	State Key Laboratory of Coal Combustion, Huazhong University of Science & Technology	<b>P-IO-010</b>
Constructing the eco-agriculture system Based on the comprehensive utilization of new energy	Yu-bo Wang, Lin-zhang WU	Hubei University of Technology, Jingchu Institute of Technology	<b>P-IO-011</b>
Application of LaBO <sub>3</sub> (B=Fe,Co,Mn) Catalyst in Lignin Catalytic Wet Oxidation to Aromatic Aldehydes Process	Haibo Deng, Lu Lin, Yan Gong	State Key Laboratory of Pulp and Paper Engineering, South China University of Technology	<b>P-IO-012</b>
Adsorption of Proteases on Novel Lignin derivatives	Fang Run, Lin Yin , Cheng Xiansu	College of Material Science and Engineering, Fuzhou University	<b>P-IO-013</b>
Research on the Graft Polymerization of Enzymatic Hydrolysis Lignin with Acrylamide	Fu Jian, Cheng Xian-Su, Zheng Zuan-bin, Fang Run	College of Material Science and Engineering, Fuzhou University	<b>P-IO-014</b>
Research on Polypropylene reinforced with Rice Straw micro/nano Fibrils Nanocomposite	YAN WU, Ding-guo ZHOU, Si-qun WANG, YANG ZHANG	College of Wood Science & Technology, Nanjing Forestry University	<b>P-IO-015</b>
Study on the biochar based solid superacid for FAME manufacturing	Dong-Ping Han, Yu-Huan Liu, Rui-Zhen Li, Long-Lan Gao, Hou-De Zhou, Roger	Key Laboratory of Food Science of MOE, Nanchang University	<b>P-IO-016</b>
			<b>P-IO-017</b>
Study on the dissolution of cellulose in ionic liquid	Wei-ying LI, Chuan-fu LIU, Run-cang SUN, Ai-ping ZHANG, Feng PENG	State Key Laboratory of Pulp and Paper Engineering, South China University of Technology	<b>P-IO-018</b>