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**Production of bio-oil from agricultural waste by using a continuous fast
microwave pyrolysis system**

Yunpu Wang ^{a,b,d}, Zihong Zeng ^{a,b}, Xiaojie Tian ^{a,b}, Leilei Dai ^{a,b}, Ling Jiang ^{a,b},
Shumei Zhang ^{a,b}, Qiu hao Wu ^{a,b}, Pingwei Wen ^{a,b}, Guiming Fu ^a, Yuhuan Liu ^{a,b*},
Roger Ruan ^{a,b,c}

^a Nanchang University, State Key Laboratory of Food Science and Technology,
Nanchang 330047, China

^b Nanchang University, Engineering Research Center for Biomass Conversion,
Ministry of Education, Nanchang 330047, China

^c Center for Biorefining and Department of Bioproducts and Biosystems Engineering
University of Minnesota, 1390 Eckles Ave., St. Paul, MN 55108, USA

^d Guangdong Provincial Key Laboratory of New and Renewable Energy Research and
Development, Guangzhou 510640, China

Abstract: In this study, a continuous fast microwave-assisted pyrolysis system was developed to produce bio-oil, gas, and biochar from rice straw and *Camellia oleifera* shell. The effects of different pyrolysis temperatures (400 °C, 500 °C, and 600 °C) and feed rates (rice straw: 25, 45, and 66 g/min; *C. oleifera* shell: 100, 200, and 400 g/min) on bio-oil production were investigated. Experimental results showed that the

*Corresponding author at: Nanchang University, State Key Laboratory of Food Science and Technology, Nanchang 330047, China.
E-mail address: liuyuhuan@ncu.edu.cn (Yuhuan Liu);

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