



Job Title	Assistant Professor
Name	Chun-Yao Yang
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Education	<p>Ph.D: Department of Food Science and Biotechnology, National Chung Hsing University, Taichung, Taiwan, ROC (September, 2011 - May, 2015)</p> <p>M.S.: Department of Food Science and Biotechnology, National Chung Hsing University, Taichung, Taiwan, ROC (September, 2008 - June, 2010)</p> <p>B.S.: Department of Food Science, Fu Jen Catholic University, New Taipei City, Taiwan, ROC (September, 2004 - June, 2008)</p>
Research Expertise	Food engineering, biochemical engineering, enzyme kinetics, microbial fermentation, biotechnology, risk management
Teaching course	Food Fundamentals, fermentation, basic food engineering, seminar
Laboratory	Food & Fermentation Engineering Laboratory
Publications	<p>(1) Chun-Yao Yang and Tony J. Fang*, 2015. Kinetics for enzymatic hydrolysis of rice hulls by the ultrasonic pretreatment with a bio-based basic ionic liquid. <i>Biochemical Engineering Journal</i>. 100, 23-29 (SCI).</p> <p>(2) Chun-Yao Yang and Tony J. Fang*, 2015. Kinetics of enzymatic hydrolysis of rice straw by the pretreatment with a bio-based basic ionic liquid under ultrasound. <i>Process Biochemistry</i>. 50, 623-629 (SCI).</p> <p>(3) Chun-Yao Yang and Tony J. Fang*, 2014. Combination of ultrasonic irradiation with ionic liquid pretreatment for enzymatic hydrolysis of rice straw. <i>Bioresource Technology</i> 164, 198-202 (SCI).</p> <p>(4) Chun-Yao Yang, I.-Chuan Sheih, Tony J. Fang*, 2012. Fermentation of rice hull by <i>Aspergillus japonicus</i> under ultrasonic pretreatment. <i>Ultrasonics Sonochemistry</i> 19, 687-691 (SCI).</p>



Service	(1) Project reviewer, Agricultural Technology Research Institute (Taiwan). (2) Member of Health Food Society of Taiwan.
Honor/ Award	The Member of the Phi Tau Phi Scholastic Honor Society of the ROC, 2015. (2015/06)