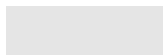




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E-mail: yjiny@126.com

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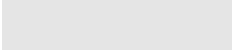
1 *E.coli* *Candida antarctica* B *Thermomyces lanuginosus*

2 *E.coli* cyclohexanone monooxygenase CHMO  
cyclopentanione monooxygenase CPMO BV

2012-3

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1. **Jinyong Yan\***, Yi Liu, Cong Wang, Bingnan Han, Shengying Li\*. Assembly of lipase and P450 fatty acid decarboxylase to constitute a novel biosynthetic pathway for production of 1-alkene from renewable triglycerides and oils. **Biotechnology for Biofuels**, 2015, 8, 34 (DOI 10.1186/s13068-015-0219-x, IF=6.22)
  2. **Jinyong Yan\***, Lei Du, Xianliang Zheng, Shengying Li\*. Integrated lipase production and *in situ* biodiesel synthesis in a recombinant *Pichia pastoris* yeast: an efficient dual biocatalytic system composed of cell free enzymes and whole cell catalysts. **Biotechnology for Biofuels**, 2014, 7: 55-62 (IF=6.22)
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*Geotrichum* sp. and synthesis of methyl oleate in microaqueous solvent. **Applied Microbiology and Biotechnology**, 2008, 78: 431-439 (IF=2.569)

9. **Jinyong Yan**, Jiangke Yang, Li Xu, Yunjun Yan\*. Gene cloning, overexpression and characterization of a novel organic solvent tolerant and thermostable lipase from *Galactomyces geotrichum* Y05. **Journal of Molecular Catalysis B-Enzymatic**, 2007, 49: 28-35 (IF=2.015)

10. **Jinyong Yan\***, Lifan Li, Qianli Tang. Preparation of a crosslinked bioimprinted lipase for enrichment of polyunsaturated fatty acids from fish processing waste. **Applied Biochemistry and Biotechnology**, 2010, 162:757-765 (IF=1.8)

11. **Jinyong Yan**, Jiangke Yang, Li Xu, Yun Liu, Yunjun Yan\*. Combined strategy for preparation of a bioimprinted *Geotrichum* sp. lipase biocatalyst effective in non-aqueous media. **Process Biochemistry**, 2009, 44: 1128-1132 (IF=2.414)

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14. Wei Zhang, Yi Liu, **Jinyong Yan**, Shaona Cao, Fali Bai, Ying Yang, Shaohua Huang, Lishan Yao, Yojiro Anzai, Fumio Kato, Larissa Podust, David Sherman, Shengying Li\*. New reactions and products resulting from alternative inter-actions between the P450 enzyme and redox partners. **Journal of the American Chemical Society**, 2014, 136: 3640-3646 (IF=155(i)28(n)-62(b)-62(i)9 0 0.7 Tm[()JTJETBT1 02 Tf17-62(i1r)21(s)

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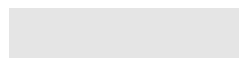
**Under review or preparing papers:**

1. **Jinyong Yan\*** et al. Harnessing the biodiesel producing microbes: from genetic engineering of lipase to metabolic engineering of fatty acid biosynthetic pathway. **Energy and Environmental Science** (IF=15.49, under review)
2. **Jinyong Yan\*** et al. Scaffold based self-assembly of lipase and P450 fatty acid decarboxylase to improve of 1-alkene production. **Energy and Environmental Science** (IF=15.49, preparing)
3. **Jinyong Yan\*** et al. A promising feed marine *Yarrowia lipolytica* yeast: homologous overexpression of feed enzyme lipase and simultaneous production of single cell protein. **Bioresource Technology**, (IF=5.04, preparing)

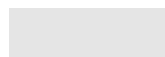
**PCT**

Zhi Li, Ngo. Nguyen phuong Thao, Wen Wang, Zillillah, Guowei Tan, Aitao Li, **Jinyong Yan**. Method of converting waste grease containing high content of free

fatty acids to fatty acid esters and catalysts for use in said method. International  
Publication Number: WO 2013/048346 A1



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1. **Jinyong Yan**, Thao P. N. Ngo, Aitao Li, Zhi Li. Alternative Aviation Fuel in Asia Conference & ASEAN Algae Biofuel Initiative Conference February 15-16, 2012, Singapore Enzymatic Transformation of Waste Grease into Biodiesel.
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2013-2016

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Alpha Biofuels S Pte Ltd Development of enzymatic method for  
biodiesel production from waste grease

A-Star Enantioselective conversions of cyclopentenones to delta  
lactones via reductase/Bayer-Villiger monooxygenase

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Advanced Synthesis & Catalysis Process Biochemistry Biochemical Engineering  
Journal Journal of Hazardous Materials Applied Biochemistry and Biotechnology  
Journal of Basic Microbiology Fuel Acta Biochimica et Biophysica Sinica SCI  
peer reviewer