Title: A Versatile Strategy for Enzyme Immobilization: Fabricating Lipase/Inorganic Hybrid Nanostructures on Macroporous Resins with Enhanced Catalytic Properties

Authors: Dewei Wan, Lei Tian, Xue Li, Bei Li, Qiuyu Zhang

PII: S1369-703X(18)30303-6
DOI: https://doi.org/10.1016/j.bej.2018.08.010
Reference: BEJ 7021

To appear in: *Biochemical Engineering Journal*

Received date: 1-6-2018
Revised date: 23-7-2018
Accepted date: 21-8-2018

Please cite this article as: Wan D, Tian L, Li X, Li B, Zhang Q, A Versatile Strategy for Enzyme Immobilization: Fabricating Lipase/Inorganic Hybrid Nanostructures on Macroporous Resins with Enhanced Catalytic Properties, *Biochemical Engineering Journal* (2018), https://doi.org/10.1016/j.bej.2018.08.010

A Versatile Strategy for Enzyme Immobilization: Fabricating Lipase/Inorganic Hybrid Nanostructures on Macroporous Resins with Enhanced Catalytic Properties

Dewei Wan[1,2], *Lei Tian*[1,2], *Xue Li*[1,2], *Bei Li*[1,2], *Qiuyu Zhang*[1,2]*

[1] Department of Applied Chemistry, School of Natural and Applied Sciences, Northwestern Polytechnical University, Xi'an 710072, China

[2] MOE Key Laboratory of Material Physics and Chemistry under Extraordinary Conditions, Xi'an 710072, China

*Corresponding author:

E-mail: qyzhang@nwpu.edu.cn.

Tel: +86-029-88431675; Fax: +86-029-88431653.

Youyi Road 127#, Xi'an (710072), China;