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Xiaomei Wang^{a,b}, Weiguang Ma^a, Zhiqiang Xu^{a,b}, Hong Wang^{a,b}, Wenjun Fan^{a,c},

Xu Zong,^{*a} and Can Li^{*a}

^a State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, Chinese Academy of Sciences; Dalian National Laboratory for Clean Energy, The Collaborative Innovation Center of Chemistry for Energy Materials (iChEM), Zhongshan Road 457, Dalian 116023, China

^b University of Chinese Academy of Sciences, Beijing 100049, China.

^c The Key Laboratory of Fuel Cell Technology of Guangdong Province & The Key Laboratory of New Energy Technology of Guangdong University, School of Chemistry and Chemical Engineering, South China University of Technology, Guangzhou 510641, Guangdong, China

* Email: canli@dicp.ac.cn; xzong@dicp.ac.cn

Phone: (86)-411-84379070; (86)-411-84379698

Address: State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, Chinese Academy of Science, Dalian, Liaoning Province 116023, China

Abstract

Developing cost-effective and stable electrocatalysts towards hydrogen evolution reaction (HER) is important for the conversion of renewable energy via electrocatalytic water splitting reaction. Herein, we present a simple and general strategy for the preparation of a series of metal (M: Fe, Co and Ni) phosphide catalysts that were anchored on metal-caged carbon matrix. In the first step,

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