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Jiangquan Lv, Syed Comail Abbas, Yiyin Huang, Qin Liu, Maoxiang Wu, Yaobing Wang, Liming Dai



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# A Photo-responsive Bifunctional Electrocatalyst for Oxygen Reduction and Evolution Reactions

Jiangquan Lv<sup>a,c</sup>, Syed Comail Abbas<sup>a,c</sup>, Yiyin Huang<sup>a</sup>, Qin Liu<sup>a</sup>, Maoxiang Wu<sup>a</sup>, Yaobing Wang<sup>a,\*</sup>, Liming Dai<sup>b,\*</sup>

<sup>A</sup> CAS Key Laboratory of Design and Assembly of Functional Nanostructures, and Fujian Provincial Key Laboratory of Nanomaterials, Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences, Fuzhou, Fujian 350002, China

E-mail: wangyb@fjirsm.ac.cn

<sup>B</sup> Center of Advanced Science and Engineering for Carbon (Case4Carbon), Department of Macromolecular Science and Engineering, Case Western Reserve University, 10900 Euclid Avenue, Cleveland, Ohio 44106, USA

E-mail: liming.dai@case.edu

<sup>c</sup> University of Chinese Academy of Sciences, Beijing, 100049, China

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## Abstract

Oxygen reduction reaction (ORR) and oxygen evolution reaction (OER) are of paramount importance towards to regenerative fuel cells and rechargeable metal-air batteries. Many efforts have been devoted to developing high active ORR and OER bifunctional electrocatalysts to improve the efficiency of devices. However, the possibility of using free solar energy in

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