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Author: Elaheh Davari Aliesha D. Johnson Akshat Mittal Ming Xiong Douglas G. Ivey



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## ACCEPTED MANUSCRIPT

## Manganese-cobalt mixed oxide film as a bifunctional catalyst for

## rechargeable zinc-air batteries

Elaheh Davari,<sup>a</sup> Aliesha D. Johnson,<sup>a</sup> Akshat Mittal,<sup>b</sup> Ming Xiong,<sup>a</sup> and Douglas G. Ivey,<sup>a</sup>

<sup>a</sup> Department of Chemical and Materials Engineering, Donadeo Innovation Centre for Engineering, University of Alberta, 9211-116 Street, Edmonton, AB T6G 1H9, E-mail: <u>elaheh@ualberta.ca</u>; Tel: 780-604-5971

<sup>b</sup> Department of Metallurgical and Materials Engineering, Indian Institute of Technology Roorkee, Roorkee-Haridwar Highway, Roorkee, Uttarakhand 247667, India Download English Version:

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