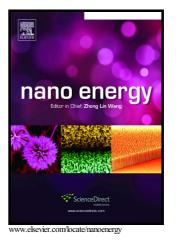
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Ceria and ceria-based nanostructured materials for photoenergy applications

Shilei Xie, ^{a, c, #} Zilong Wang, ^{b, #} Faliang Cheng, ^a Peng Zhang, ^a Wenjie Mai, ^{b, d, *} Yexiang Tong ^{c, *}

- a. School of Environment and Civil Engineering, Guangdong Engineering and Technology Research Center for Advanced Nanomaterials, Dongguan University of Technology, Dongguan 523808, P.R. China.
- b. Siyuan laboratory, Guangzhou Key Laboratory of Vacuum Coating Technologies and New Energy Materials, Department of Physics, Guangzhou 510632, P.R. China. E-mail: wenjiemai@gmail.com.
- c. MOE of the Key Laboratory of Bioinorganic and Synthetic Chemistry, KLGHEI of Environment and Energy Chemistry, The Key Lab of Low-carbon Chemistry & Energy Conservation of Guangdong Province, School of Chemistry, Sun Yat-sen University, 135 Xingang West Road, Chemical North Building 325, Guangzhou, 510275, P.R. China. E-mail: chedhx@mail.sysu.edu.cn.
- d. Guangdong Provincial Key Laboratory of Optical Fiber Sensing and Communications, Jinan University, Guangzhou, Guangzhou 510632, P.R. China.
- #. These authors contributed equally to this work.

ABSTRACT. With the fast-growing populations and development, energy crisis have raised critical requirements for utilization of clean solar energy. Some effective methods to capture and convert the solar energy now include photocatalytic degradation, hydrogen production, dye-sensitized solar cells, and photocatalytic selective reaction of organic compounds and so on.

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