2015 年化学领域中国作者发表的高被引研究论文 Top 10

1. Jin, Haiyan; Wang, Jing; Su, Diefeng; Wei, Zhongzhe; Pang, Zhenfeng; Wang, Yong. In situ Cobalt-Cobalt Oxide/N-Doped Carbon Hybrids As Superior Bifunctional Electrocatalysts for Hydrogen and Oxygen Evolution. **JOURNAL OF THE AMERICAN CHEMICAL SOCIETY**. 2015, 137(7), 2688-2694.

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2. Zhang, Shaoqing; Ye, Long; Zhao, Wenchao; Yang, Bei; Wang, Qi; Hou, Jianhui. Realizing over 10% efficiency in polymer solar cell by device optimization. **SCIENCE CHINA-CHEMISTRY**. 2015, 58(2), 248-256.

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3. Zheng, Yun; Lin, Lihua; Wang, Bo; Wang, Xinchen. Graphitic Carbon Nitride Polymers toward Sustainable Photoredox Catalysis. **ANGEWANDTE CHEMIE-INTERNATIONAL EDITION**. 2015, 54(44), 12868-12884.

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4. Yao, Zhaoyang; Zhang, Min; Wu, Heng; Yang, Lin; Li, Renzhi; Wang, Peng. Donor/Acceptor Indenoperylene Dye for Highly Efficient Organic Dye-Sensitized Solar Cells. **JOURNAL OF THE AMERICAN CHEMICAL SOCIETY**. 2015, 137(11), 3799-3802.

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5. Sun, Dan; Meng, Dong; Cai, Yunhao; Fan, Bingbing; Li, Yan; Jiang, Wei; Huo, Lijun; Sun, Yanming; Wang, Zhaohui. Non-Fullerene-Acceptor-Based Bulk-Heterojunction Organic Solar Cells with Efficiency over 7%. **JOURNAL OF THE AMERICAN CHEMICAL SOCIETY**. 2015, 137(34), 11156-11162.

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6. Tian, Peng; Wei, Yingxu; Ye, Mao; Liu, Zhongmin. Methanol to Olefins (MTO): From Fundamentals to Commercialization. **ACS CATALYSIS**. 2015, 5(3), 1922-1938.

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7. Jiang, Kai; Sun, Shan; Zhang, Ling; Lu, Yue; Wu, Aiguo; Cai, Congzhong; Lin, Hengwei. Red, Green, and Blue Luminescence by Carbon Dots: Full-Color Emission Tuning and Multicolor Cellular Imaging. **ANGEWANDTE CHEMIE-INTERNATIONAL EDITION**. 2015, 54(18), 5360-5363.

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10. Zhao, Jingbo; Li, Yunke; Lin, Haoran; Liu, Yuhang; Jiang, Kui; Mu, Cheng; Ma, Tingxuan; Lai, Joshua Yuk Lin; Hu, Huawei; Yu, Demei; Yan, He. High-efficiency non-fullerene organic solar cells enabled by a difluorobenzothiadiazole-based donor polymer combined with a properly matched small molecule acceptor. **ENERGY & ENVIRONMENTAL SCIENCE**. 2015, 8(2), 520-525.

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