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L. Jiang, K. Li\*, W.N. Porter, H. Wang, G. Li\* and J.G. Chen\*, “Role of H2O in catalytic conversion of C1 molecules”, *Journal of the American Chemical Society*, 146 (2024) 2857-2875.

P. Cao, X. Quan\*, X. Nie, K. Zhao, Y. Liu, S. Chen, H. Yu and J. G. Chen\*, “Metal single-site catalyst design for electrocatalytic production of hydrogen peroxide at industrial-relevant currents”, *Nature Communications*, 14 (2023) 172.

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