

Preparation of ruthenium electrode materials and the application to bactericidal properties of acidic electrolyzed oxidizing water

Yanxue Li,^a Wei Zong,^a Hao Zhang,^{* a} Dawei Lou,^{* a}

^a College of Chemical and Pharmaceutical Engineering, Jilin Institute of Chemical Technology, Jilin 132022, People's Republic of China. Email: dwlou@hotmail.com; Tel: +86-432-62185559; zhangh_0915@126.com

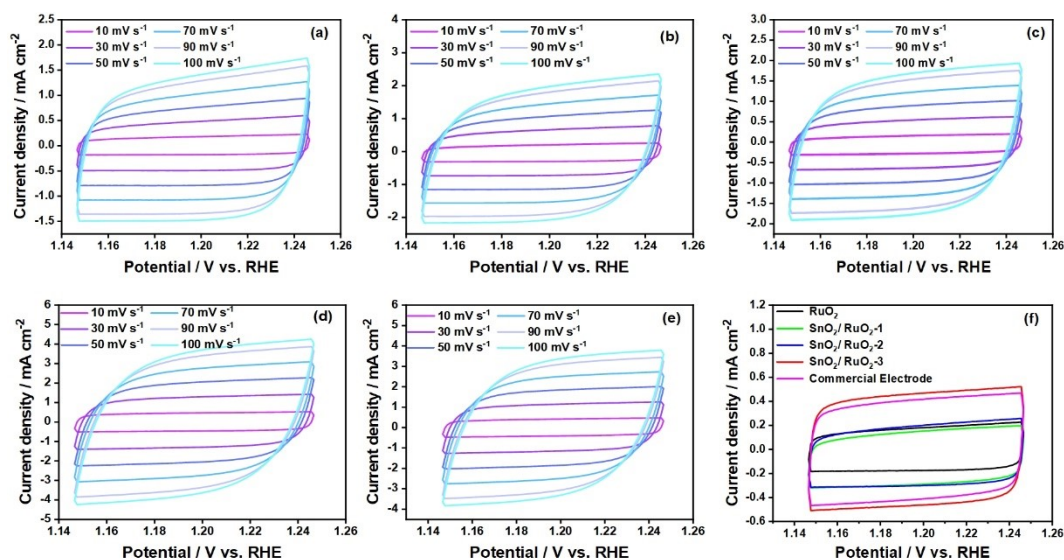


Figure S1 The cyclic voltammograms of RuO₂ (a), SnO₂/RuO₂-(1,2,3) (b-d) , and commercial electrodes (e) with different scan rates (10, 30, 50, 70, 90, and 100 mV s⁻¹). (f) the cyclic voltammograms of sweep rate of 10 mV s⁻¹ with different electrodes.

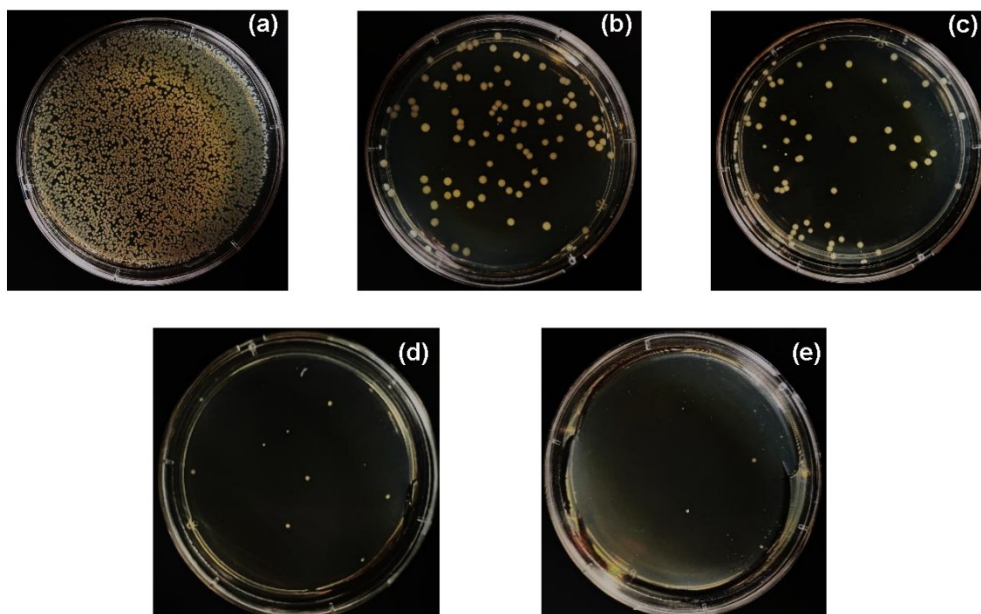


Figure S2 Comparison of the effect of different sterilization times.