

Article

Supplementary Materials: Supporting Information Sedum plumbizincicola Derived Functional Carbon for Activation of Peroxymonosulfate to Eliminate Bisphenol A: Performance and Reaction Mechanisms

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Supporting Information Text S1 Details of electrochemical experiment.

Nafion solution (5.0 wt%, 0.1 mL) was mixed with ethanol (1 mL) and SPFCx (10 mg). Then, they were dispersed by ultrasound for 1 h to obtain a well-mixed suspension solution. After that 20 μ L suspension solution was dropped onto the glassy carbon electrode and then dried at 80 °C. All experiments were performed in 40 mM Na₂SO₄ solution (40 mL). Electrochemical impedance spectroscopy (EIS) was conducted at open potential with a frequency range of 10⁶ to 10⁻¹ Hz. Linear sweep voltammetry (LSV) was measured at the potential from -2.2 V (vs. Ag/AgCl). The open-circuit potentials of SPFCx were measured via open circuit potential-Time analysis. In addition, I-T curves were carried out at the bias of 0.0 V (vs. Ag/AgCl) and lasted 250 s.

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