

A Hybrid Microbial-Enzymatic Fuel Cell Cathode Overcomes Enzyme Inactivation Limits in Biological Fuel Cells

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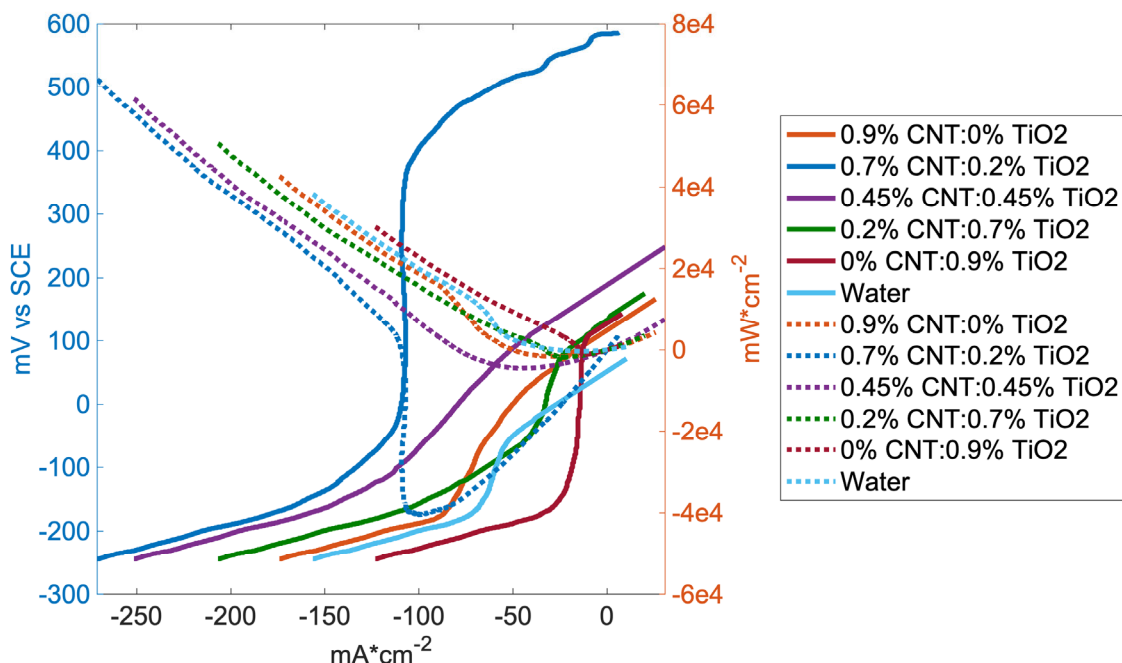


Figure 1. Power Density Curves of all coating compositions on spectroscopic carbon rods in 250 mL AGYEB media with 30 U/mL of pure laccase at 25 °C, in air, at 1 atm. Solid lines correspond to the voltage axis on the left and dotted lines to the power axis on the right. Functionalized 0.32 cm × 10 cm spectroscopic carbon rods acted as the working electrode, an unfunctionalized 0.68 cm × 10 cm spectroscopic carbon rod was used as the counter electrode, and a saturated calomel electrode (Gamry, Warminster, PA) was used as the reference electrode in a 250 mL glass electrochemical cell.