

Experiment Flowchart

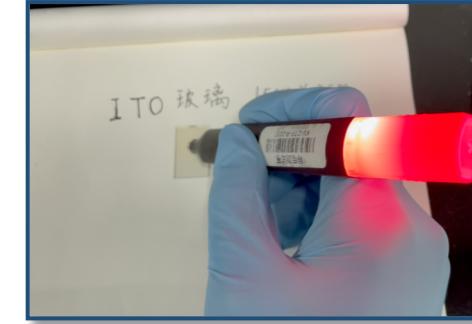
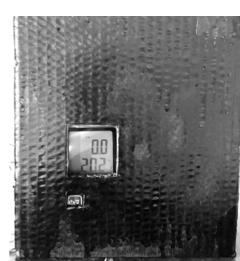
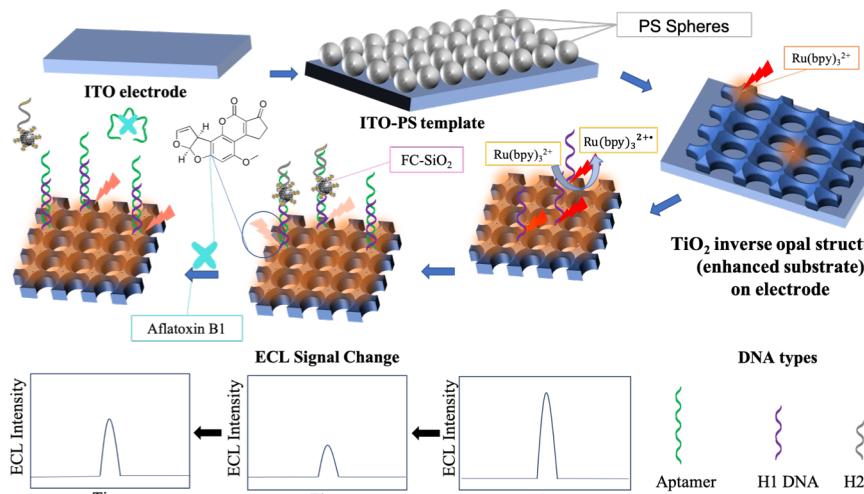
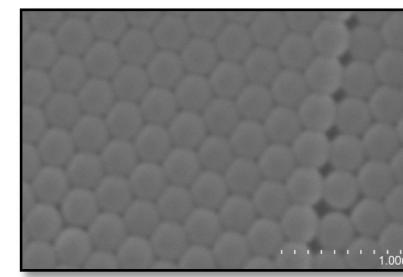
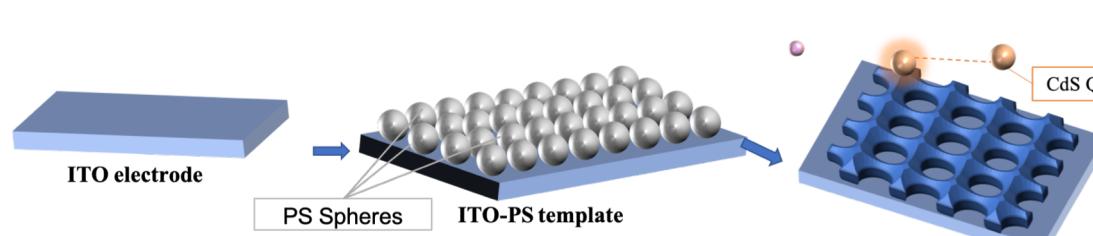


Table 2. Solid content concentrations and corresponding electrode characterization							
Electrode #	1	2	3	4	5	6	7
Emulsion concentration (%)	0.1	0.2	0.3	0.4	0.5	1	0.02
Morphology Characterization	relatively uniform	relatively uniform	uniform	uniform	uniform	relatively thick	relatively thin
SEM Characterization	has defects	few defects	few defects	no defect	few defects	no defects	no defects

Per the optimization results, 0.5% of solid content concentration is optimal

Fig 4. Optimization of Tetrabutyl Solid Concentration

