



Showcasing research from Professor Einaga's laboratory,
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Oxidation of hydroxide ions in weak basic solutions using
boron-doped diamond electrodes: effect of the buffer capacity

The electrochemical oxidation of hydroxide ions using boron-doped diamond (BDD) electrodes in weak basic solutions was examined. The results further promote the use of BDD electrodes for measuring hydroxide ion concentration, and offer the possibility of directly measuring the buffer capacity of a solution.

As featured in:



See Irkham and Yasuaki Einaga,
Analyst, 2019, 144, 4499.