

Special Issue

Applications of Electrochemistry in Water and Wastewater Treatment

Message from the Guest Editor

This Special Issue presents recent progress in electrochemical water treatment technology, which includes the (1) preparation of novel anodic materials with a long lifetime and high performance in the oxidation of organics in water; (2) preparation of novel cathodic materials for the effective dehalogenation of an organic halide to reduce its toxicity; (3) fabrication of high-performance air cathode for the effective generation of hydrogen peroxide, and thus promoting the progress of electrochemical Fenton technology; (4) preparation of long-life large anode materials and their applications in the treatment of very-high-salinity wastewater; (5) novel electrochemical reactors with high treatment efficiency in the treatment of water; (6) exploitation of new electrochemical method combined processes with high efficiency in water treatment; (7) results of any industrial (or pilot)-scale electrochemical water treatment. Contributions related to these topics or related ones are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (20 June 2024)



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Editor-in-Chief

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