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Treatment of winery wastewater by electrochemical methods and advanced oxidation processes

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Abstra

The aim of highly polluted vine-maki electroc ess steel, iron and lation in strong e presence of added h . Following the com olor, turbidity monia approxir 2%,

respectively. A new approach combining electrochemical methods with ultrasound in the strong electromagnetic field resulted in significantly better removal efficiencies for majority of the measured parameters compared to the biological methods, advanced oxidation processes or electrocoagulation. Reduction of the treatment time represents another advantage of this new approach.

Keywords: Winery wastewater | electrochemical treatment | ultrasound | ozonation | H_2O_2 | COD | SS electrode | iron anode | aluminum anode

Related Research Data

Energy recovery from winery wastewater using dual chamber MFC
Source: Wiley
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