

Sobre a aplicação de métodos eletroquímicos no tratamento de efluentes e águas contaminadas

On the application of electrochemical methods in the treatment of effluents and contaminated water

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Abstract: Studies on the application of electrochemical treatments to waters and effluents have grown in a consistent manner with the development of electrode materials, commercial availability of devices and materials and, above all, the combination of treatment methods. Despite the profusion of these studies, systems that are more complex are still sporadically addressed, as well as, true applications to real systems. Strategies for approaching different systems are mentioned, however, several operational considerations are still needed. Thus, in the presentation a brief overview will be drawn, both for the treatment of effluents and contaminated water, taking into account the nature of the effluents, contaminants and electrodes, in order to support the discussion of effective and applicable treatment strategies.

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