

عنوان مقاله:

A new type of composite heterogeneous cation exchange membrane with enhanced electrochemical performance

محل انتشار:

ششمین کنگره ملی تحقیقات راهبردی در شیمی و مهندسی شیمی با تاکید بر فناوری های بومی ایران (سال: 1398)

تعداد صفحات اصل مقاله: 5

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خلاصه مقاله:

The aim of the present work was to investigate the efficacy of the concentration of 8-Hydroxyquinoline on the physicochemical properties of heterogeneous cation exchange membranes. Composite heterogeneous cation exchange membranes were fabricated by the solution casting technique. The blended membranes demonstrated better selectivity and ionic permeability compared to the bare one.

کلمات کلیدی:

Cation exchange membrane, Intensified electrochemical property, Electrodialysis/deionization

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/990058>

