

عنوان مقاله:

Ferrite/MOF composite for environmental remediation : Visible-light-assisted photocatalytic degradation of meropenem and reduction of hexavalent chromium

محل انتشار:

سومین کنفرانس کاتالیست انجمن شیمی ایران (سال: 1401)

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خلاصه مقاله:

Photocatalysts are an effective solution for removing environmental pollutants from aquatic environments. Here we have used  $\text{NiFe}_2\text{O}_4/\text{MOF}-808$  magnetic nanocomposite to reduce the photocatalytic of  $\text{Cr(VI)}$  and the degradation of the Meropenem in a short time. Different conditions for these reactions such as temperature, time, pH, component ratio, etc. were optimized.

کلمات کلیدی:

water treatment; chromium reduction; meropenem removal

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1523694>

