

## عنوان مقاله:

Green Manufacturing of  $\beta$ -Lactam Antibiotic 'Ampicillin' with Immobilized Penicillin-G Amidase

## محل انتشار:

دومین کنفرانس بین المللی فناوری های نوین در علوم (سال: 1397)

تعداد صفحات اصل مقاله: 6

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## خلاصه مقاله:

Pharmaceuticals & fine chemicals are one of the most polluting industries, due their large consumption of energy and chemicals, and also high volumes production of organic waste and byproducts. Enzymatic processes, however, offers potential opportunities for changing the industry towards more environmentally friendly and efficient operations compared to the conventional chemical methods. The present work is replacement of traditional organic process by a .green biocatalytic alternative in industrial production of Ampicillin

## کلمات کلیدی:

Green manufacturing, Aqueous medium, Penicillin-G amidase,  $\beta$ -Lactam antibiotic, Ampicillin

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/899424>

