

عنوان مقاله:

Algae as a Promising Source for Biodiesel Production

محل انتشار:

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خلاصه مقاله:

Biodiesel production has become a global concern due to the increasing demand for alternative and sustainable energy sources. Algae have been recognized as a promising source for biodiesel production due to their fast growth rate, high lipid content, and ability to grow in various environments. This review paper aims to provide a comprehensive overview of the current research on algae as a source for biodiesel production. The paper discusses the different algae species that have been investigated for biodiesel production, the cultivation techniques, lipid extraction methods, and the advantages and disadvantages of using algae as a source for biodiesel production. The paper also highlights the current challenges faced in the production of biodiesel from algae and suggests future directions for research in this field.

کلمات کلیدی:

.Algae, Biodiesel, Lipid Extraction, Cultivation Techniques, Challenges

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