عنوان مقاله:

How to solve environmental problems using green chemistry

محل انتشار:

دومین کنفرانس بین المللی یافته های پژوهشی شیمی و مهندسی شیمی (سال: 1401)

تعداد صفحات اصل مقاله: 7

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خلاصه مقاله:

Environmental pollution and the share of chemical reactions in these pollutants have led chemists to seek to design chemical methods without pollution. "Green Chemistry" classifies and defines principles in order to achieve this goal and is a term first proposed by Paul Anastasios and its meaning is the initiative, design and application of chemical products and processes to reduce or eliminate the use and production. hazardous material. This article points to the impact of green chemistry on the sustainable development of the international community and the need to reform infrastructure in order to make the planet greener. The definition of green chemistry was first introduced in the early ۱۹۹۰s. Green chemistry has twelve basic principles that determine the basic frameworks for moving in this direction. Chemical processes are basically known as dangerous processes, some of these processes or chemicals can have catastrophic effects such as death. For example, in some mines, cyanide is used to separate gold from stone, which is a deadly poison and can cause death if it leaks into the environment and collides with humans and other animals. These ۱۲ principles guide us in minimizing these risks. In this research, green chemistry, its goals and principles, future prospects and its role in solving the problem of air pollution have been studied.

کلمات کلیدی:

Green Chemistry, Renewable Energy, Green Chemistry Achievement, Environmental Pollution.