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He is a member of various international professional societies including American Chemical Society (USA), International Society for Environmental Information Sciences (ISEIS, Canada) and Green Chemistry Network (Royal Society of Chemistry, UK) and life member of Society of Analytical Scientists, Indian Council of Chemists, International Congress of Chemistry and Environment, Indian Chemical ...

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THE ECONOMICS OF GREEN AND SUSTAINABLE CHEMISTRY | Green

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Green Chemistry and Engineering: A Practical Design Approach

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Green Chemistry & Engineering Conference

Green Chemistry is defined as the "design of chemical products and processes to reduce or eliminate the use and generation of hazardous substances." 1,2 This definition and the concept of Green Chemistry were first formulated at the beginning of the 1990s nearly 20 years ago. 3 In the years since, there has been international adoption that resulted in the creation of literally hundreds of programs and governmental initiatives on Green Chemistry around the world with initial leading ...

Green Chemistry: Principles and Practice | Chemical

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Green Chemistry and Engineering: Towards a Sustainable Future

Centre for Green Chemistry and Green Engineering, Yale University, New Haven, CT, 06511 USA. Department of Chemistry, Yale University, New Haven, CT, 06511 USA

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Abstract. In the past decade, there have been many extraordinary advances in the development of gold?catalyzed enantioselective annulations, such as cycloadditions, cyclizations, cycloisomerizations, and tandem annulations, which are of particular interest owing to their potential for rapid construction of optically active hetero? and carbocyclic molecules.