PREFACE

BULLETIN OF CHEMICAL REACTION ENGINEERING & CATALYSIS (ISSN 1978-2993), Volume 7, Number 1, Year 2012 is an international electronic journal as a media for communicating all research activities in Chemical Reaction Engineering and Catalysis fields, and disseminating the novel technology and news related to chemical reaction engineering, catalyst engineering and science, bioreactor engineering, membrane reactor, and catalytic reactor engineering.

In this issue, an overview on rice husk ash as a renewable source for the production of value added silica gel and its application has been firstly presented. The second review on Cu-based catalyst for autothermal reforming methanol for hydrogen production has also described. Original research articles focusing on material science, i.e. copolymerization of ϵ -caprolactone with epichlorohydrin by a green catalyst, maghnite; transport of carbonate ions by novel cellulose fiber supported solid membrane; and synthesis of fluorite (CaF_2) crystal from gypsum waste of phosphoric acid factory in silica gel, have been explored. Finally, original research articles concerned on: de-oxygenation of CO_2 by using hydrogen, carbon and methane over alumina-supported catalysts; and ceria-based mixed oxide supported nano-gold as an efficient and durable heterogeneous catalyst for oxidative dehydrogenation of amines to imines using molecular oxygen, have also been highlighted.

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Editor would like to appreciate all researchers, academicians, industrial practitioners focused on chemical reaction engineering and catalysis to contribute to this online journal.

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