

Special Issue
NANOSTRUCTURED ARTIFICIAL ENZYMES**Rüstem Keçili, Ph.D.¹****AIM AND SCOPE**

Most chemical and biochemical reactions are catalyzed by natural enzymes with a high degree of specificity and reaction rates under very mild conditions. Therefore, creation of artificial catalysts that can provide catalytic properties of natural enzymes has attracted scientists' attention. This special issue aims to highlight and development of enzyme-like nanoparticles in catalysis and provides a comprehensive collection of original research articles on the design and synthesis of nanoparticle based artificial enzymes.

Keywords: *Nanoparticles, artificial enzymes, catalysis*

SUBTOPICS

1	Nanoparticle synthesis	4	Enzyme-like nanoparticles
2	Artificial enzyme design	5	Application of artificial enzymes
3	Biomimetic materials in catalysis		

SCHEDULE

Manuscript submission deadline	July 20, 2014
Peer Review Due	August 30, 2014
Revision Due	October 7, 2014
Notification of acceptance by the Guest Editor	November 7, 2014
Final manuscripts due	December 7, 2014

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