

Polymer-supported Organocatalysts II . Chiral Organocatalysts

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Abstract: This review highlights synthesis, catalytic properties of polymer-supported organic catalysts in the last 25 years, with emphasizing on some recent developments in the direction. The polymer-supported catalysts were first divided into achiral and chiral catalysts, and then divided into different sections according to the chemical reactions catalyzed. Some examples were included in order to make clear comparison based on the catalytic activity and selectivity. Some comparisons were made for achievability of separation and reuse of the supported catalysts. Different kinds of polymer supports were included, e.g. crosslinked polymers, soluble linear polymers and dendrimers. In this second part chiral organic catalysts were detailed.

Key words: Organic catalyst; Polymer support; Chiral catalyst; Aminoacid; Peptide

第 4 届东亚高分子国际会议

由中国化学会主办,南开大学承办的第 4 届东亚高分子国际会议将于 2006 年 5 月 28 日止 31 日在天津召开。

东亚高分子会议是由中国化学会高分子学术委员会主办的高分子系列国际会议,每 2 年召开 1 次,至今已举办 3 次,旨在加强亚洲和太平洋地区乃至全世界发达国家和发展中国家从事高分子科学与工程事业的学者、教师、科研人员之间的学术交流,加强相互之间的了解和合作,增进友谊,使高分子科学和技术更好地服务于人类。同时也推动了我国高分子事业的发展。

本次会议的主题是:发展高分子科学,加强合作和了解,服务社会造福人类。会议涉及的内容包括:聚合物合成与新聚合方法、聚合物物理及聚合物表征、生物聚合物和生物材料、超分子材料、功能性聚合物材料、聚合物和组合化学、聚合物复合材料与共混、聚合物工程与材料等当前聚合物科学与工程研究领域的诸多热点问题。

会议诚挚邀请国内从事高分子科学与工程事业的同仁前来参会。联系方式:

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