

# Preface

This is the proceedings of the selected papers presented at MRS International Materials Research Conference (IMRC-2008) held in Chongqing, China, June 9-12, 2008.

IMRC-2008 included 9 symposia of A. Eco/Environmental Materials, B. Sustainable Energy Materials, C. Electronic Packaging Materials, D. Electronic Materials, E. Materials and Processes for Flat-panel Displays, F. Functional Ceramics, G. Transportation Materials, H. Magnesium and I. Biomaterials for Medical Applications. Nearly 1200 participants from 33 countries attended the conference, and the conference organizers received more than 700 papers. After peer reviewing processes, 559 papers were selected to be published in 9 Journals or proceedings, including J. of Materials Research (JMR), Rare metal Materials and Engineering, J. of Univ. Science and Technology Beijing, Biomedical Materials: Materials for Tissue Engineering and Regenerative Medicine, Chinese Journal of Aeronautics, Materials Science Forum, and Journal of Physics: conference series. Among the 559 selected papers, 258 papers are published in this volume, and the topics of the present volume mainly include Eco/enviromental Materials, Energy Materials, Magnesium, Aerospace Materials and Biomaterials for Medical Application.

The editors would like to give special thank to the graduate students Liwu Jiang, Ming Li and Di He from Beihang University for their hard work of compilation and typesetting for each paper in this volume. And one of the editor Prof. Zhongwei Gu would like to express his thank to Dr. Yao Wu and Dr. Li Li for their works on compilation of the papers on biomaterials part.

Editors