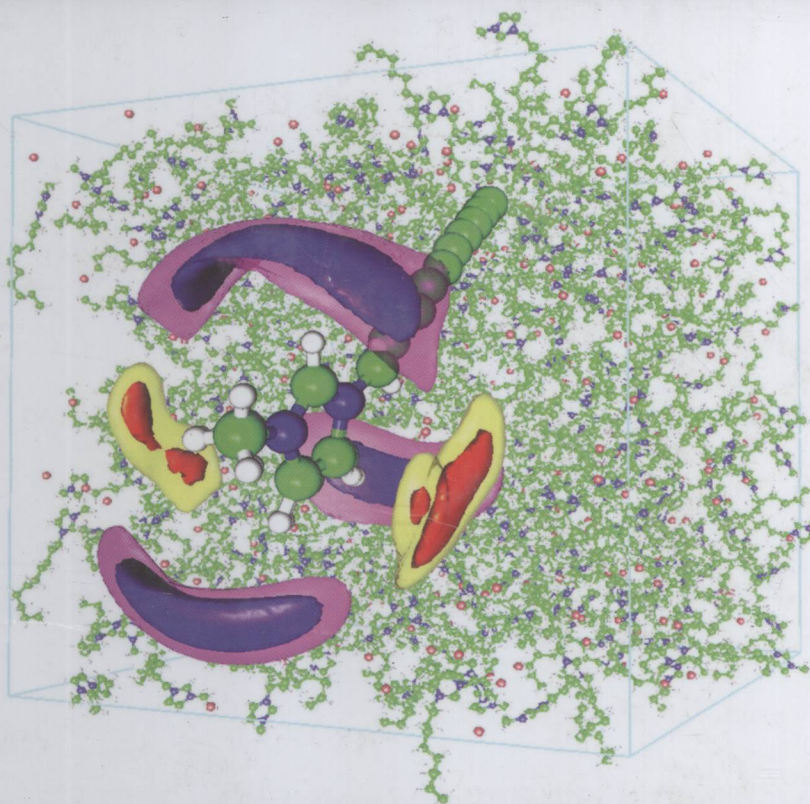


Ionic Liquids

Physicochemical Properties



Suojiang Zhang, Xingmei Lu, Qing Zhou, Xiaohua Li,
Xiangping Zhang, Shucal Li

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IONIC LIQUIDS

Preface

The unprecedented growth in the field of ionic liquids has resulted in an unprecedented appetite for information about ionic liquids by scientists, engineers, regulators, and policy makers worldwide. To date, there is still not a single coherent source of validated information on even the simplest physical properties of ionic liquids, although encouraging efforts are starting to take shape within such organizations as IUPAC and the US National Institute of Standards and Technology (NIST). With over 10,000 ionic liquid publications in the past decade, it would be a herculean task to produce a compilation of all of the data, much less a critical analysis and searchable database.

With this book, Professor Suojian Zhang attempts to bring some coherency and order to the myriad of data points on ionic liquids in the published literature. The work itself will be of tremendous value to researchers in need of information about specific types of ionic liquids. It should also broaden the perspective of many new to the field who still

believe that only imidazolium salts can be classified as ionic liquids. One can hope that works such as this book will lead to a better understanding of ionic liquids and through that understanding a continuation of the new chemistry and new applications which the field has already generated.



December 2008

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