

Structure, Interaction and Hydrogen Bond	1
Kun Dong, Qian Wang, Xingmei Lu, Qing Zhou, and Suojia Zhang	
Aggregation in Systems of Ionic Liquids	39
Jianji Wang and Huiyong Wang	
Dissolution of Biomass Using Ionic Liquids	79
Hui Wang, Gabriela Gurau, and Robin D. Rogers	
Structures and Thermodynamic Properties of Ionic Liquids	107
Tiancheng Mu and Buxing Han	
Effect of the Structures of Ionic Liquids on Their Physical Chemical Properties	141
Yufeng Hu and Xiaoming Peng	
Microstructure Study of Ionic Liquids by Spectroscopy	175
Haoran Li	
Index	195