

Contents

Carbenes from Ionic Liquids	1
Oldamur Hollóczki and László Nyulász	
QM/MM Investigations Of Organic Chemistry Oriented Questions . . .	25
Thomas C. Schmidt, Alexander Paasche, Christoph Grebner, Kay Ansorg, Johannes Becker, Wook Lee, and Bernd Engels	
Electronic Stress as a Guiding Force for Chemical Bonding	103
Alfredo Guevara-García, Paul W. Ayers, Samantha Jenkins, Steven R. Kirk, Eleonora Echegaray, and Alejandro Toro-Labbe	
Controlling Supramolecular Assembly Using Electronic Effects	125
Christer B. Aakeröy and Kanishka Epa	
A Theoretical and Experimental Chemist's Joint View on Hydrogen Bonding in Ionic Liquids and Their Binary Mixtures	149
Annegret Stark, Martin Brehm, Marc Brüssel, Sebastian B.C. Lehmann, Alfonso S. Pensado, Matthias Schöppke, and Barbara Kirchner	
Index	189