



As a result of this development we are proud to present a diverse set of views. Apart from chapters spanning the scope that is usually associated with microwave methods, such as heterocyclic chemistry - an intriguing, but frustratingly diverse field that is excellently presented in one of the reviews - and transition metal-catalyzed reactions, we also present a review on microwave-assisted natural product chemistry, a topic that is of high interest and neither often nor widely covered. A contribution on microwave-accelerated synthesis of protease inhibitors underlines the usefulness of microwave heating in medicinal chemistry and a review of porous microwave chemistry highlights the importance of the combination of high-speed reactions and quick separations. Two separate chapters on scaled-up microwave reactions and green and sustainable chemistry give an overview of aspects of microwave chemistry that might be of greater use in both industrial and small-scale applications. We would like to take this opportunity to express our sincere gratitude to the contributors of this volume for their valuable time and efforts. We believe that the presented work will further promote the use of controlled microwave heating in both academia and industry.