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BOOK REVIEWS

The Supramolecular Chemistry of Organic-Inorganic Hybrid Materials. Edited by Knut Rurack (BAM Federal Institute for Materials Research and Testing, Berlin, Germany) and Ramón Martínez-Máñez (Polytechnic University of Valencia, Spain). John Wiley & Sons: Hoboken, NJ. 2010. xxxiv + 766 pp. $149.95. ISBN 978-0-470-37621-8.

The editors of this book took on a tremendous challenge in covering this topic, as organic−inorganic hybrids comprise an incredibly diverse array of complex materials. Many of the chapters could be entire books of their own. As the editors point out, it was not even possible to come up with a consistent set of acronyms. Nonetheless, the topics covered are steadily merging, and one hopes that the different communities of scientists can learn from each other as their research progresses inexorably toward greater sophistication, precision, and ultimately function.

As one might expect, the topics are covered somewhat unevenly in terms of depth and there is a degree of redundancy in the introductions to several chapters. The strength and value in this volume come from the excellent overviews written by such leading authors as Brinker, Husskens, Reinhoudt, Wiesner, and the late Lin. Other chapters have narrower focuses and do not serve their topics well; although one can still find useful vectors to related topics and papers, many of these areas are better covered in current literature reviews. One chapter (24) puts forth network analyses of the field to assess its "interdisciplinarity"; this does not add anything to the content of the book, and the space would have been better used with more on the science of supramolecular assemblies.

Although the authors and editors have not produced a holistic perspective of these interrelated areas, this book will find use for those generally interested in such hybrid systems. With some prior knowledge, one can browse through the topics and then proceed to the literature for more complete and in-depth coverage.

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Quantitation and Mass Spectrometric Data of Drugs and Isotopically Labeled Analogs. By Ray H. Liu (Fooyin University, Kaohsiung Hsien, Taiwan and University of Alabama, Birmingham, USA), Sheng-Meng Wang (Central Police University, Taoyuan, Taiwan), and Dennis V. Canfield (CAMI, Oklahoma City, USA). CRC Press (an imprint of Taylor & Francis): Boca Raton, FL. 2010. xii + 498 pp. $189.95. ISBN 978-1-4200-9497-8.

This book presents more than 1500 full-scan mass spectra and tables of data of 103 drugs and 134 isotopically labeled analogs that are grouped into the following categories: stimulants; opioids; hallucinogens; depressants/hypnotics; antianxiety agents; antidepressants; and others. The first part of the book is an introduction to the issues and methodology involved with the use of isotopically labeled analogs as internal standards for the quantitation of drugs. Parts Two and Three present the data and are entitled "Mass Spectra of Commonly Abused Drugs and Their Isotopically Labeled Analogs in Various Derivatization Forms" and "Cross-Contributions of Ion Intensity Between Analytes and Their Isotopically Labeled Analogs in Various Derivatization Forms", respectively. A subject index completes the book.

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