DESCRIPTION

The number-one reference on the topic now contains a wealth of new data: The entire relevant literature over the past six years has been painstakingly surveyed, resulting in hundreds of new descriptors being added to the list, and some 3,000 new references in the bibliography section. Volume 1 contains an alphabetical listing of more than 3300 descriptors and related terms for chemoinformatic analysis of chemical compound properties, while the second volume lists over 6,000 references selected from 450 journals. To make the data even more accessible, the introductory section has been completely re-written and now contains several "walk-through" reading lists of selected keywords for novice users.

ABOUT THE AUTHOR

Roberto Todeschini is full professor of chemometrics at the Department of Environmental Sciences of the University of Milano-Bicocca (Milano, Italy), where he constituted the Milano Chemometrics and QSAR Research Group. His main research activities concern chemometrics in all its aspects, QSAR, molecular descriptors, multicriteria decision making and software development. President of the International Academy of Mathematical Chemistry, president of the Italian Chemometric Society and "ad honorem" professor of the University of Azuay (Cuenca, Ecuador), he is author of more than 170 publications in international journals and of

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**NEW TO EDITION**

The alphabetical dictionary part has been carefully revised and moderately expanded to include approx. 1600 entries (10 % of them new).

The reference lists have been completely updated with approx. 3000 new references from the period 2001 to 2008, thus almost doubling the number of literature citations in the book.

In order to facilitate the literature search, the bibliography is now included in a separate volume.

The second edition features a greatly expanded introductory section that now contains annotated lists of selected keywords for novice users who want to get started on the use of molecular descriptors for particular questions.

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