DESCRIPTION

Covering everything from the basics to recent applications, this monograph represents an advanced overview of the field. Edited by internationally acclaimed experts respected throughout the community, the book is clearly divided into sections on fundamental and applied surface organometallic chemistry. Backed by numerous examples from the recent literature, this is a key reference for all chemists.

ABOUT THE AUTHOR

Jean Marie Basset is Research Director at CNRS and Director of the Laboratory of Surface Organometallic Chemistry at CPE in Lyon. He received many awards including the grand prix (Prix Süe-1997) of the French Chemical society, the Max Planck Award in Germany, and the IFP Award of the French Academy of Sciences (1998). He is the author of 472 publications, 45 patents and is a member of the French Academy of Sciences and of the French Academy of Technologies as well of the Europan Academy of Sciences. His research interests are mostly centered in the field of Surface Organometallic Chemistry.

Rinaldo Psaro is Director of the CNR Institute of Molecular Science and Technologies, Milano Italy. The general scientific interest is the development of new methods for the preparation of more efficient and eco-compatible catalytic systems for fine chemicals and commodities, to achieve higher performances, simpler preparation methods, conditions allowing for extended recycling. Author
or co-author of 3 international patents and 162 papers on international journals on the field of surface organometallic chemistry, catalyst characterisation and heterogeneous catalysis.

Dominique Roberto is Full Professor of General and Inorganic Chemistry at the Milan University. Author of 81 publications on highly qualified journals, her current research interests cover molecular engineering and nanoorganization of coordination and organometallic compounds with luminescent or non-linear optical properties, coordination complexes for solar cell application, and surface organometallic chemistry. For her research, she received the "Flavio Bonati" (1996) and the "Federchimica-per un futuro intelligente" (1998) awards.

Renato Ugo is Full Professor of Inorganic Chemistry at Milan University. He received many awards including the Gold medal of the President of the Italian Republic for advancement in science (2000) and the Pino medal (2006). President of the Italian Association of Industrial Research, he is a member of the "Accademia Nazionale dei Lincei". He is author of ca 250 publications on highly qualified journals in the field of coordination chemistry, catalysis, surface organometallic chemistry, and recently nonlinear optics.

To purchase this product, please visit https://www.wiley.com/en-us/9783527319725