Whole journals are devoted to catalysis and books describe the various catalysts. However it is very difficult to find detailed protocols offering information on where to source catalysts, how to store them, how to activate them for the synthesis, how to perform the actual synthesis and how to recycle the catalysts out of the synthesis process.

This new series of books (accompanied by CD-ROM) addresses all these issues. Each volume publishes approximately 40 detailed procedures and makes use of different catalysts. They are classified according to the type of reaction they are catalysing and in addition a section included incorporates reviews, comparisons between the different types of catalysts and highlights from research in the previous year.

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The chemist has a vast choice of high-tech catalysts to use when working in fine chemical synthesis but the catalysts are hard to use and require both skill and experience to handle properly. This book contains tested and validated procedures and provides a unique resource for chemists who work in organic chemistry.
ABOUT THE AUTHOR

Ivan Kozhevnikov is the author of Catalysis by Polyoxometalates, Volume 2, published by Wiley.

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