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Descrizione fisica	1 online resource (350 p.)
Collana	De Gruyter Textbook ; ; Volume 2
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Nota di contenuto	Part I. Catalysis and activation Clemens Brechtelsbauer and King Kuok (Mimi) Hii -- Part II. Cutting-edge applications in advanced and functional materials -- Part III. Additional features of the flow process: in-line analytics, safety and green principles.
Sommario/riassunto	"Flow Chemistry fills the gap in graduate education by covering chemistry and reaction principles along with current practice, including examples of relevant commercial reaction, separation, automation, and analytical equipment. The Editors of Flow Chemistry are commended for having taken the initiative to bring together experts from the field to provide a comprehensive treatment of fundamental and practical considerations underlying flow chemistry. It promises to become a useful study text and as well as reference for the graduate students and practitioners of flow chemistry." Professor Klavs Jensen Massachusetts Institute of Technology, USA Broader theoretical insight in driving a chemical reaction automatically opens the window towards new technologies particularly to flow chemistry. This emerging concept promotes the transformation of present day's organic processes into a more rapid continuous set of synthesis operations, more compatible

with the envisioned sustainable world. These two volumes
Fundamentals and Applications provide both the theoretical foundation
as well as the practical aspects.
