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Titolo	Flow chemistry . Volume 1 Fundamentals // edited by Ferenc Darvas, Volker Hessel, Gyorgy Dorman
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Collana	De Gruyter Textbook ; ; Volume 1
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction and outlook -- Fundamentals of flow chemistry -- Principles of controlling reactions in flow chemistry -- Fabrication technology and devices for flow chemistry -- Toolbox for flow chemistry : targeting industrial needs -- Experimental procedures for flow chemistry. Part 1 -- Experimental procedures for flow chemistry. Part 2 -- Translating batch microwave chemistry to flow chemistry -- Incorporation of flow chemistry into the undergraduate teaching.
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.
