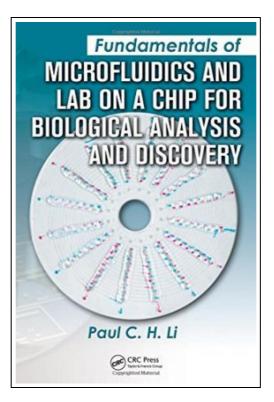
Fundamentals of Microfluidics and Lab on a Chip for Biological Analysis and Discovery (Paperback)



Filesize: 5.7 MB

Reviews

Here is the greatest publication we have read until now. I could possibly comprehended every little thing using this written e publication. I am just easily could possibly get a satisfaction of looking at a written book. *(Milo O'Hara)*

FUNDAMENTALS OF MICROFLUIDICS AND LAB ON A CHIP FOR BIOLOGICAL ANALYSIS AND DISCOVERY (PAPERBACK)

C DOWNLOAD PDF

Taylor Francis Inc, United States, 2010. Paperback. Condition: New. Language: English . Brand New Book. Lab-on-a-chip technology permits us to make many important discoveries that can only be observed at the microscale or the nanoscale. Using this technology, biological and biochemical analyses translate into greater sensitivity, more accurate results, and more valuable findings. Authored by one of the field s pioneering researchers, Fundamentals of Microfluidics and Lab on a Chip for Biological Analysis and Discovery focuses on all key aspects of microfluidic lab-on-a-chip technologies to offer an exceptionally cohesive overview of the science, its limitations, breakthroughs made over the years, and currently emerging advances. The book emphasizes analytical applications of microfluidic technology and offers in-depth coverage of micromachining methods, microfluidic operations, chemical separations, sample preparation and injection methods, detection technology, and various chemical and biological analyses. Other topics of interest include the use of polymeric chips, fluid flow valve and control, single-cell analysis, DNA and RNA amplification techniques, DNA hybridization, immunoassays, and enzymatic assays. The book includes more than 300 figures that depict novel chip functions and breakthroughs and 16 tables summarize materials and refer readers to additional resources. An appendix compiles extensive analytical applications from emerging and established research groups. Beginners in the field will find the book useful for navigating the vast literature related to the technology, while experienced researchers will rely on the compiled information for easy comparison and references for further study. Derived from the highly popular Microfluidic Lab-on-a-Chip for Chemical and Biological Analysis and Discovery (2006), this volume is also readily adaptable for classroom use. Problem sets in each chapter help students test their assimilation of the material and clarify challenging concepts. The book contains a comprehensive glossary, a complete index, and extensive references. A solutions manual is available with qualifying course adoption.

Read Fundamentals of Microfluidics and Lab on a Chip for Biological Analysis and Discovery (Paperback) Online
Download PDF Fundamentals of Microfluidics and Lab on a Chip for Biological Analysis and Discovery (Paperback)

Related eBooks

=

Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents...

Save eBook

	\mathbf{i}
_	
_	

Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer Createspace, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****. The Children s Handwriting Book of Alphabets and Numbers provides extensive focus on... Save eBook

_	

Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download... Save eBook

=
-

The Right Kind of Pride: A Chronicle of Character, Caregiving and Community

Right Kind of Pride, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.After 20 years of marriage author Christopher Cudworth and his...

Save	eBook
*	

»

_
=

The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up B&H Kids. Hardcover. Book Condition: New. Cory Jones (illustrator). Hardcover. 32 pages. Dimensions: 9.1in. x 7.2in. x 0.3in.Oh sure, well all heard the story of Jonah and the Whale a hundred times. But have we... Save eBook
