1. Record Nr. UNINA9910783678703321

Autore	Hibbert D. B (D. Brynn), <1951->
Titolo	Data analysis for chemistry [[electronic resource]] : an introductory guide for students and laboratory scientists / / D. Brynn Hibbert and J. Justin Gooding
Pubbl/distr/stampa	New York ; ; Oxford, : Oxford University Press, 2005
ISBN	0-19-756208-6 0-19-028993-7 1-280-53282-3 1-4237-3390-8 0-19-803671-X 1-60256-920-7
Descrizione fisica	1 online resource (192 p.)
Collana	Oxford scholarship online
Altri autori (Persone)	GoodingJ. Justin
Disciplina	540/.72
Soggetti	Chemistry - Statistical methods Analysis of variance
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previously issued in print: 2006.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Readers' Guide: Definitions, Questions, and Useful Functions: Where to Find Things and What to Do; 1. Introduction; 2. Describing Data: Means and Confidence Intervals; 3. Hypothesis Testing; 4. Analysis of Variance; 5. Calibration; Appendix; Bibliography; Index
Sommario/riassunto	Chemical data analysis, with aspects of metrology in chemistry and chemometrics, is an evolving discipline where new and better ways of doing things are constantly being developed. This book makes data analysis simple by demystifying the language and giving unambiguous ways of doing things.

2. Record Nr. UNINA9910957130403321

Titolo	Field testing genetically modified organisms : framework for decisions / / Committee on Scientific Evaluation of the Introduction of Genetically Modified Microorganisms and Plants into the Environment, Board on Biology, Commission on Life Sciences, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1989
ISBN	9786610214488 9781280214486 1280214481 9780309564205 0309564204
Edizione	[1st ed.]
Descrizione fisica	1 online resource (184 pages) : illustrations
Altri autori (Persone)	BurrisRobert H <1914-> (Robert Harza)
Disciplina	660/.65
Soggetti	Microbial genetic engineering Biotechnology Genetic engineering Plant genetic engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Committee chairman: Robert H. Burris. Study funded by the Biotechnology Science Coordinating Committee composed of the Dept. of Agriculture, Environmental Protection Agency, Food and Drug Administration, National Institutes of Health and the National Science Foundation.
Nota di bibliografia	Bibliography: p. 143-163.
Nota di contenuto	1 Front Matter; 2 1 Executive Summary; 3 2 Introduction; 4 3 Past Experience with Genetic Modification of Plants and Their Introduction into the Environment; 5 4 Enhanced Weediness: A Major Environmental Issue; 6 5 Past Experience with the Introduction of Modified Plants: Molecular Genetic Techniques; 7 6 Conclusions and Recommendations: Plants; 8 7 Past Experience with the Introduction of Microorganisms into the Environment; 9 8 Properties of the Genetic Modification; 10 9 Phenotypic Properties of Source Microorganisms and Their Genetically Modified Derivatives; 11 10 Properties of the Environment Relevant to the Introduction of Genetically Modified Microorganisms; 12 11

	Conclusions and Recommendations: Microorganisms; 13 Appendix - Historical Overview of Nucleic Acid Biotechnology: 1973 to 1989; 14 Literature Cited; 15 Information on Committee Members
Sommario/riassunto	Potential benefits from the use of genetically modified organisms--such as bacteria that biodegrade environmental pollutants--are enormous. To minimize the risks of releasing such organisms into the environment, regulators are working to develop rational safeguards. This volume provides a comprehensive examination of the issues surrounding testing these organisms in the laboratory or the field and a practical framework for making decisions about organism release. Beginning with a discussion of classical versus molecular techniques for genetic alteration, the volume is divided into major sections for plants and microorganisms and covers the characteristics of altered organisms, past experience with releases, and such specific issues as whether plant introductions could promote weediness. The executive summary presents major conclusions and outlines the recommended decision-making framework.