

1. Record Nr.	UNINA9910779604103321
Titolo	Estrogens [[electronic resource]] : biochemistry, therapeutic uses and physiological effects / / Vito J. Thompson and Adrion E. Watson, editors
Pubbl/distr/stampa	New York, : Nova Biomedical, Nova Science Publishers, Inc., 2012
ISBN	1-62081-749-7
Descrizione fisica	1 online resource (165 p.)
Collana	Endocrinology research and clinical developments
Altri autori (Persone)	ThompsonVito J WatsonAdrion E
Disciplina	615.366
Soggetti	Estrogen Estrogen - Physiological effect Estrogen - Therapeutic use
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.

2. Record Nr.	UNINA9910254580703321
Autore	Christodoulides Costas
Titolo	Analysis and Presentation of Experimental Results : With Examples, Problems and Programs // by Costas Christodoulides, George Christodoulides
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	9783319533452 3319533452
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIV, 526 p. 119 illus.)
Collana	Undergraduate Lecture Notes in Physics, , 2192-4791
Disciplina	530.8
Soggetti	Physical measurements Measurement Chemistry Engineering Measurement Science and Instrumentation Chemistry/Food Science, general Engineering, general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Basic statistical concepts -- Measurement errors -- A though experiment -- The statistical analysis of experimental results -- The presentation of numerical results -- The propagation of errors -- The three basic probability distributions -- The statistics of radioactivity -- Elements from the theory of errors -- Comparison and rejection of measurements -- The method of least squares -- Graphs -- The written report of the results of an experiment -- Appendix 1. Least squares straight line $y = + x$. The errors in and -- Appendix 2. Dimensional analysis -- Appendix 3. The use of random numbers in finding values of a variable x which are distributed according to a given probability density function f(x) -- Appendix 4. Values of fundamental physical constants -- Answers to the problems -- List of programs and code samples -- Index.
Sommario/riassunto	This book is intended as a guide to the analysis and presentation of

experimental results. It develops various techniques for the numerical processing of experimental data, using basic statistical methods and the theory of errors. After presenting basic theoretical concepts, the book describes the methods by which the results can be presented, both numerically and graphically. The book is divided into three parts, of roughly equal length, addressing the theory, the analysis of data, and the presentation of results. Examples are given and problems are solved using the Excel, Origin, Python and R software packages. In addition, programs in all four languages are made available to readers, allowing them to use them in analyzing and presenting the results of their own experiments. Subjects are treated at a level appropriate for undergraduate students in the natural sciences, but this book should also appeal to anyone whose work involves dealing with experimental results.
