1. Record Nr. UNINA9910155602303321

Autore	Harris Don
Titolo	Writing Human Factors Research Papers
Pubbl/distr/stampa	CRC Press
ISBN	1-351-87083-1
Descrizione fisica	1 online resource (264 p.)
Disciplina	808.066
Soggetti	Academic writing Scholarly publishing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Writing high-quality papers suitable for publication within international scientific journals is now an essential skill for all early-career researchers; their career progression and the reputation of the department in which they work depends upon it. However, many manuscripts are rejected or sent back for major re-working not because the science they contain is in any way 'bad', but because the same problems keep occurring in the way that the material is presented. It is one thing to write a good scientific paper, however it is quite another thing to get it published. This requires some additional nous. In writing this book Don Harris draws upon nearly a quarter of a century of experience as an author and reviewer of research papers, and ultimately as a journal editor. By his own admission, it contains all the things he wished that his mentors had told him 25 years ago, but didn't. The material in the book is drawn from many years of finding all these things out for himself, usually by trial and error (but mostly error!). The text adopts a much lighter touch than is normally found in books of this type - after all, who really wants to read a book about writing research papers? The author describes his own unique approach to writing journal papers (which, in his own words, has proved to be extremely successful). All major points are illustrated with examples from his own, published works. The book is written in the form of a manual for constructing a journal manuscript: read a chapter, write a

	section. However, the material it contains goes beyond just this and also describes how to select a target journal, the manuscript submission process, what referees are looking for in a good journal paper, and how to deal with the referees' comments. Each chapter concludes with a checklist to ensure all the key elements have been addressed.

2.

Record Nr.	UNINA9910970759303321
Autore	Wu William
Titolo	Gene biotechnology / / William Wu. [et al.]
Pubbl/distr/stampa	Boca Raton, : Taylor & Francis, 2011 Boca Raton : , : CRC Press, , 2011
ISBN	1-04-022192-0 0-429-16573-0 1-4398-4832-7
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (562 p.)
Altri autori (Persone)	WuWilliam
Disciplina	660.6/5078
Soggetti	Genetic engineering Molecular biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	A CRC title.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Contents; Preface; Authors; Chapter 1: Strategies for Novel Research Projects and/or Research Grant Funding; Chapter 2: Rapid Isolation of Specific cDNAs or Genes by PCR; Chapter 3: Construction and Screening of Subtracted and Complete Expression cDNA Libraries; Chapter 4: Subcloning of Genes or DNA Fragments; Chapter 5: Nonisotopic and Isotopic DNA or RNA Sequencing; Chapter 6: Bioinformation Superhighway and Computer Databases of Nucleic Acids and Proteins; Chapter 7: Characterization of DNA or Genes by Southern Blot Hybridization Chapter 8: Gene Overexpression by Sense RNA in Mammalian SystemsChapter 9: Gene Underexpression in Cultured Cells and Animals by Antisense DNA and RNA Strategies; Chapter 10: Analysis of

Gene Expression at Functional Genomic Level Using Northern Blotting or PCR; Chapter 11: Analysis of Gene Expression at Proteomic Level via Western Blotting; Chapter 12: Analysis of Cellular DNA or Abundance of mRNA by Radioactivity In Situ Hybridization; Chapter 13: Localization of DNA or Abundance of mRNA by Fluorescence In Situ Hybridization Chapter 14: In Situ PCR Hybridization of Low Copy Genes and in Situ RT-PCR Detection of Low Abundance mRNAsChapter 15: Isolation and Characterization of Genes from Genomic DNA Libraries; Chapter 16: Mouse Stem Cells as a Model Mammalian Cell Line for Gene Expression; Chapter 17: Strategies for Gene Double Knockout; Chapter 18: Large-Scale Expression and Purification of Recombinant Proteins in Cultured Cells; Chapter 19: Quantitative Analysis of Functional Genome by Real-Time RT-PCR; Chapter 20: High-Throughput Analysis of Gene Expression by Cutting-Edge Technology-DNA Microarrays (Gene Chips) Chapter 21: Construction and Screening of Human Antibody Libraries Using Phage Display TechnologyChapter 22: Down-Regulation of Gene Expression in Mammalian Systems via siRNA Technology; Chapter 23: Strategies for Gene Cloning, Expression, and Identification of Protein-Protein Interaction; Chapter 24: Conditional Gene Knockout; Chapter 25: How to Write a Research Manuscript for Publication in an English Journal; Chapter 26: How to Protect Your Discovery and Invention : Patent 101; Chapter 27: Determination of Transgene Copy Numbers and Practical Biocalculation; Back Cover

Sommario/riassunto

The third edition of this popular reference covers a variety of techniques related to gene manipulation, including DNA isolation, preparation, screening, and analysis. Topics range from very basic methods to current and sophisticated technologies, including methodologies created and tested by the authors. Other topics include approaches to grant funding and SiRNA technology. The authors offer detailed, step-by-step explanations of protocols and helpful troubleshooting guides. This edition features new techniques for every chapter, as well as several new chapters--Provided by publisher.