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Edizione	[Third edition]
Descrizione fisica	1 online resource (285 pages)
Disciplina	004
Soggetti	Computer science Escrits científics i tècnics - Redacció Informàtica - Investigació Popular Computer Science Computer Science, general
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.
Nota di contenuto	Preface -- Introduction -- Getting Started -- Reading and Reviewing -- Hypotheses, Questions and Evidence -- Writing a Paper -- Good Style -- Style Specifics -- Punctuation -- Mathematics -- Algorithms -- Graphs, Figures and Tables -- Other Professional Writing -- Editing -- Experimentation -- Statistical Principles -- Presentations.-- Ethics -- Afterword -- Exercises -- Index.
Sommario/riassunto	All researchers need to write or speak about their work, and to have research that is worth presenting. Based on the author's decades of experience as a researcher and advisor, this third edition provides detailed guidance on writing and presentations and a comprehensive introduction to research methods, the how-to of being a successful scientist. Topics include: · Development of ideas into research questions; · How to find, read, evaluate, and referee other research; · Design and evaluation of experiments, and appropriate use of statistics; · Ethics, the principles of science, and examples of science gone wrong. Much of the book is a step-by-step guide to effective communication, with advice on: · Writing style and editing; · Figures, graphs, and tables; · Mathematics and

algorithms; · Literature reviews and referees' reports;  
· Structuring of arguments and results into papers and theses;  
· Writing of other professional documents; · Presentation of  
talks and posters. Written in an accessible style, and including handy  
checklists and exercises, Writing for Computer Science is not only an  
introduction to the doing and describing of research, but is a valuable  
reference for working scientists in the computing and mathematical  
sciences.

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