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Autore	Cargill Margaret
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Writing Scientific Research Articles: Strategy and Steps; Copyright; Contents; Preface to the second edition; Preface to the first edition; Section 1: A framework for success; Chapter 1 How the book is organized, and why; 1.1 Getting started with writing for international publication; 1.2 Publishing in the international literature; 1.3 What do you need to know to select your target journal?; 1.4 Aims of this book; 1.5 How the book is structured; Chapter 2 Research article structures 2.1 Conventional article structures: AIMRaD (Abstract, Introduction, Materials and methods, Results, and Discussion) and its variationsChapter 3 Reviewers' criteria for evaluating manuscripts; 3.1 Titles as content signposts; Section 2: When and how to write each article section; Chapter 4 Results as a "story": the key driver of an article; Chapter 5 Results: turning data into knowledge; 5.1 Figure, table, or text?; 5.2 Designing figures; 5.3 Designing tables; 5.4 Figure legends and table titles; Chapter 6 Writing about results; 6.1 Structure of Results sections 6.2 Functions of Results sentences6.3 Verb tense in Results sections; Chapter 7 The Methods section; 7.1 Purpose of the Methods section;

7.2 Organizing Methods sections; 7.3 Use of passive and active verbs; Chapter 8 The Introduction; 8.1 Argument stages towards a compelling Introduction; 8.2 Stage 1: Locating your project within an existing field of scientific research; 8.3 Using references in Stages 2 and 3; 8.4 Avoiding plagiarism when using others' work; 8.5 Indicating the gap or research niche; 8.6 Stage 4: The statement of purpose or main activity 8.7 Stages 5 and 6: Highlighting benefit and mapping the article 8.8 Suggested process for drafting an Introduction; 8.9 Editing for logical flow; Chapter 9 The Discussion section; 9.1 Important structural issues; 9.2 Information elements to highlight the key messages; 9.3 Negotiating the strength of claims; Chapter 10 The title; 10.1 Strategy 1: Provide as much relevant information as possible, but be concise; 10.2 Strategy 2: Use keywords prominently; 10.3 Strategy 3: Choose strategically: noun phrase, statement, or question?; 10.4 Strategy 4: Avoid ambiguity in noun phrases Chapter 11 The Abstract 11.1 Why Abstracts are so important; 11.2 Selecting additional keywords; 11.3 Abstracts: typical information elements; Chapter 12 Writing review articles; 12.1 What editors want to publish; 12.2 The "take-home message" of a review; 12.3 The structure of review articles; 12.4 Visual elements in review articles: tables, figures, and boxes; 12.5 Checklist for review article manuscripts; 12.6 Submission and revision of review articles; Section 3: Getting your manuscript published; Chapter 13 Submitting a manuscript; 13.1 Five practices of successful authors 13.2 Understanding the peer-review process

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## Sommario/riassunto

This book shows scientists how to apply their analysis and synthesis skills to overcoming the challenge of how to write, as well as what to write, to maximise their chances of publishing in international scientific journals. The book uses analysis of the scientific article genre to provide clear processes for writing each section of a manuscript, starting with clear 'story' construction and packaging of results. Each learning step uses practical exercises to develop writing and data presentation skills based on reader analysis of well-written example papers. Strategies are presented for responding to referee comments, and for developing discipline-specific English language skills for manuscript writing and polishing. The book is designed for scientists who use English as a first or an additional language, and for individual scientists or mentors or a class setting. In response to reader requests, the new edition includes review articles and the full range of research article formats, as well as applying the book's principles to writing funding applications.

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