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Descrizione fisica	1 online resource (234 pages)
Disciplina	509.22 502.3
Soggetti	Nanotechnology Chemistry Magnetism Magnetic materials Nanochemistry Chemical engineering Mechanical engineering Popular Science in Chemistry and Materials Magnetism, Magnetic Materials Industrial Chemistry/Chemical Engineering Mechanical Engineering
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Section 1: Introduction: Chapter 1: Looking After Yourself -- Chapter 2: Looking After Your Career -- Section 2: In the Laboratory: Chapter 3: Literature Review -- Chapter 4: Health and Safety -- Chapter 5: Experimental Design -- Chapter 6: Best Practice -- Section 3: Writing: Chapter 7: Peer Review Publications -- Chapter 8: Reports -- Chapter 9: Bid Proposals -- Chapter 10: How to Write -- Chapter 11: How to Edit -- Section 4: Your Interactions with the Outside World: Chapter 12: Meetings -- Chapter 13: Presentations -- Chapter 14: Networking -- Chapter 15: Dealing with Difficult People -- Chapter 16: Project Management -- Chapter 17: Curriculum Vitae -- Chapter 18: Interviews -- Chapter 19: Redundancy -- Chapter 20: Redundancy.

The ultimate companion book that will look after you and your research career. Research scientists play a pivotal role in society. Their passion for science will drive them forward, leading to new discoveries that will ultimately make the world a better place. Unfortunately, as the professional environment becomes more and more competitive, research scientists today cannot just rely on technical knowledge to carve successful careers. Besides technical skills, they will need to acquire other skills, such as how to communicate their science to the outside world. A Survival Guide for Research Scientists is a one-stop-shop that will help you to develop those core skills not often taught at school or university. The book has been written by an author with more than 20 years of scientific research experience (across different scientific disciplines). She has not only been a research scientist but also a writer, a consultant, a sole-trader and a project manager. A Survival Guide for Research Scientists takes on a holistic approach in order to help you pave the way for success. As such, it features practical guidelines on how to:

- conduct your scientific research (how to: do literature review, design experiments, adopt best practice, ensure health and safety, etc.).
- write and edit (reports, bid proposals, peer review publications, etc.).
- interact with the outside world (be a team leader, manage a project, network, deal with difficult people, do presentations, organise meetings, etc.).
- look after your career (and get your dream job).
- look after yourself (and how to manage stress).
- look for a job (develop your CV, prepare for interviews, etc.).
- become self-employed (and achieve business success).
- deal with redundancy (and move forward in life, etc).

Whatever your scientific background may be, this book is the perfect accompaniment, to guide you at every stage of your career.
