

1. Record Nr.	UNINA9910633919403321
Titolo	Principles of Light Microscopy: From Basic to Advanced // edited by Volodymyr Nechyporuk-Zloy
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783031044779 9783031044762
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (327 pages)
Disciplina	578 570.282
Soggetti	Medicine—Research Biology—Research Life sciences Cytology Spectrum analysis Biomedical Research Life Sciences Cell Biology Spectroscopy Microscòpia Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1. The physical principles of light propagation and light-matter interactions -- Chapter 2. Design, alignment and usage of infinity-corrected microscope -- Chapter 3. Epifluorescence Microscopy -- Chapter 4. Basic digital image design, processing, analysis, management, and presentation -- Chapter 5. Confocal Microscopy -- Chapter 6. Live-cell Imaging: A Balancing Act Between Speed, Sensitivity and Resolution -- Chapter 7. Structured Illumination Microscopy -- Chapter 8. Stimulated Emission Depletion Microscopy -- Chapter 9. Two-Photon Imaging -- Chapter 10. Modern microscopy

image analysis: quantifying colocalization on a mobile device -- Chapter 11. Spinning Disk Microscopy -- Chapter 12. Light Sheet Fluorescence Microscopy -- Chapter 13. Localization microscopy: a review of the progress in methods and applications.

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## Sommario/riassunto

This textbook is an excellent guide to microscopy for students and scientists, who use microscopy as one of their primary research and analysis tool in the laboratory. The book covers key microscopy principles and explains the various techniques such as epifluorescence microscopy, confocal/live cell imaging, SIM/light sheet microscopy, and many more. Easy-to-understand protocols provide helpful guidance for practical implementation in various commercially available imaging systems. The reader is introduced to histology and further be guided through advanced image acquisition, classification and analysis. The book is written by experienced imaging specialists from the UK, other EU countries, the US and Asia, and is based on advanced training courses for master students and PhD students. Readers are not expected to be familiar with imaging and microscopy technologies, but are introduced to the subject step by step. This textbook is indented for biomedical and medical students, as well as scientists and postdocs who want to acquire a thorough knowledge of microscopy, or gain a comprehensive overview of modern microscopy techniques used in various research laboratories and imaging facilities. Chapter 4 is available open access under a Creative Commons Attribution 4.0 International License via [link.springer.com](https://link.springer.com).

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2. Record Nr.	UNINA9910987177603321
Autore	Weber, Max
Titolo	Sociologia della musica / Max Weber ; cura e traduzione di Candida Felici
Pubbl/distr/stampa	Milano, : ilSaggiatore, 2017
ISBN	978-88-428-2386-5
Descrizione fisica	183 p. ; 19 cm
Collana	Piccola cultura ; 108
Disciplina	306.4842
Locazione	FARBC
Collocazione	MUSICA A 64
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia