

1. Record Nr.	UNINA9910779183003321
Autore	Moore Peter <1939->
Titolo	Visualizing the invisible [[electronic resource]] : imaging techniques for the structural biologist / / Peter B. Moore
Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, c2012
ISBN	0-19-026784-4 1-280-59570-1 9786613625533 0-19-993072-4
Descrizione fisica	1 online resource (397 p.)
Disciplina	571.6/33
Soggetti	Ultrastructure (Biology) Molecular structure Fourier transformations Imaging systems in biology Cytology - Experiments Molecular biology - Experiments Biology - Experiments
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 (p. 349) and index.
Nota di contenuto	pt. 1. Fundamentals -- pt. 2. Crystallography -- pt. 3. Noncrystallographic diffraction -- pt. 4. Optical microscopy -- pt. 5. Electron microscopy.
Sommario/riassunto	Knowledge of the microscopic structure of biological systems is the key to understanding their physiological properties. Most of what we now know about this subject has been generated by techniques that produce images of the materials of interest, one way or another, and there is every reason to believe that the impact of these techniques on the biological sciences will be every bit as important in the future as they are today. Thus the 21st century biologist needs to understand how microscopic imaging techniques work, as it is likely that sooner or later he or she will have to use one or another.

