

1.	Record Nr.	UNISA990001641470203316
	Titolo	Vol. 2. : Estratti di schede notarili / raccolti e pubblicati per cura di Gaetano Filangieri
	Pubbl/distr/stampa	Napoli : Tipografia dell'Accademia reale delle scienze, 1885
	Descrizione fisica	XXXVIII, 496 p. ; 31 cm
	Collocazione	FA V C 9/2
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910784823103321
	Autore	Croft William J
	Titolo	Under the microscope [[electronic resource]] : a brief history of microscopy / / William J. Croft
	Pubbl/distr/stampa	Hackensack, NJ, : World Scientific, c2006
	ISBN	1-281-92786-4 9786611927868 981-277-490-4
	Descrizione fisica	1 online resource (153 p.)
	Collana	Series in popular science ; ; v. 5
	Disciplina	502/.82
	Soggetti	Microscopy - History Optics - History
	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	Foreword; Contents; Chapter I Light and the Ancient Greeks; Chapter II Early Microscopies; Chapter III Early Microscopists; Chapter IV Polarized Light and Crystals; Chapter V The Polarizing Microscope; Chapter VI Reflected Light Microscopy; Chapter VII Particles and Waves; Chapter VIII The Electron Microscope; Interactions with Matter; Biology;

Resolution; Electron Diffraction; Endnote; Chapter IX The Scanning Electron Microscope; The Electron Source; The Lens System; The Electron Collector; The Image; Backscattered Electrons (BSEs); Environmental SEM; Microlithography
Chapter X Chemical Composition from MicroscopyOptical Microscopy; Electrons Atoms and X-Rays; EPMA; X-Ray Detection; Qualitative Analysis; Quantitative Analysis; Elemental Mapping; Materials; Chapter XI Scanning Probe Microscopies; Scanning Probe Microscopes (SPM); Scanning Near Field Optical Microscopy (SNOM); Confocal Microscopy; Chapter XII Acoustic Microscopy; Imaging; Microscopy; Chapter XIII Future Microscopies; Further Reading; Index

Sommario/riassunto

This is a brief history of the development of microscopy, from the use of beads and water droplets in ancient Greece, through the simple magnifying glass, to the modern compound microscope. The technology and optical theory are developed in a straightforward manner, and this leads to a description and explanation of the most modern technologies in electron microscopy, and scanning electron microscopy as well as the new scanning probe microscopies. A series of very interesting applications of the various microscopic techniques are described. The most recent pioneering techniques in near field a
