

1. Record Nr.	UNINA9910830912303321
Autore	Smith Ewen
Titolo	Modern Raman spectroscopy : a practical approach / / Ewen Smith, Geoffrey Dent
Pubbl/distr/stampa	Hoboken, NJ : , : Wiley, , 2019
ISBN	1-119-44058-0 1-119-44059-9 1-119-44054-8
Edizione	[Second edition.]
Descrizione fisica	1 online resource (256 pages)
Disciplina	543.08584
Soggetti	Raman spectroscopy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction, basic theory and principles -- The Raman experiment - Raman instrumentation, sample presentation, data handling and practical aspects of interpretation -- The theory of Raman spectroscopy -- Resonance Raman scattering -- Surface-enhanced Raman scattering and surface-enhanced resonance Raman scattering -- Applications -- More advanced Raman scattering techniques.
Sommario/riassunto	"Sales handles - Includes instrumentation sections that now contain Spatially Offset Raman scattering and transmission Raman scattering - Offers an updated SERS chapter that presents recent examples and Tip enhanced Raman scattering - Contains updated information with an emphasis on pharmaceutical, forensic, and biological applications - Introduces modern techniques in the imaging and mapping of biological samples and more advanced methods which are becoming easier to use Market description (Please include secondary markets) Users of Raman Spectroscopy in industry, research institutes and academia at graduate level"--