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	Autore	Wachtman J. B. <1928->
	Titolo	Mechanical properties of ceramics / / John B. Wachtman
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	Altri autori (Persone)	CannonW. Roger
		MatthewsonM. John
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		3.3 Reduced Notation for Stresses, Strains, and Elastic Constants3.4 Effect of Symmetry on Elastic Constants; 3.5 Orientation Dependence of

Sommario/riassunto	A Comprehensive and Self-Contained Treatment of the Theory and Practical Applications of Ceramic Materials When failure occurs in ceramic materials, it is often catastrophic, instantaneous, and total. Now in its Second Edition, this important book arms readers with a thorough and accurate understanding of the causes of these failures and how to design ceramics for failure avoidance. It systematically covers: Stress and strain Types of mechanical behavior Strength of defect-free solids Linear elastic fracture mechanics Measurements of elasticity, stren

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Descrizione fisica	1 online resource (420 p.)
Altri autori (Persone)	RatledgeColin
	DaleJeremy
Disciplina	579.3/74
Soggetti	Mycobacteria - Genetics
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Nota di contenuto	Mycobacteria Molecular Biology and Virulence; Contents; List of contributors; Preface; Chapter 1: Recombination; Chapter 2: Mobile genetic elements and plasmids: tools for genetic studies; Chapter 3: Mycobacteriophages; Chapter 4: Gene expression and regulation; Chapter 5: Genomics of Mycobacterium tuberculosis and Mycobacterium leprae; color plates; Chapter 6: Molecular epidemiology: human tuberculosis; Chapter 7: Molecular epidemiology: Mycobacterium bovis; Chapter 8: Molecular epidemiology: other mycobacteria; Chapter 9: Molecular diagnostics
	Chapter 10: Immunodiagnosis of mycobacterial infectionChapter 11: Mycobacterial growth and dormancy; Chapter 12: Cell wall: physical structure and permeability; Chapter 13: The cell-wall core of Mycobacterium: structure, biogenesis and genetics; Chapter 14: Iron metabolism; Chapter 15: Antibiotics* and antibiotic resistance in mycobacteria; Chapter 16: Immunotherapy for mycobacterial diseases;

Sommario/riassunto

Tuberculosis continues to kills more people than any other single infective agent. The resurgence of the disease in many countries has produced a heightened awareness of the threat posed by mycobacterial infections. At the same time, there has been an explosion of knowledge of the fundamental properties of mycobacteria, most notably the determination of the complete genome sequence of Mycobacterium tuberculosis. This book provides an up-to-date account of these developments in the molecular biology and immunology of mycobacteria, coupled with allied advances of a more applied nature, such a