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Descrizione fisica	1 online resource (xx, 433 pages) : digital, PDF file(s)
Classificazione	SOC003000
Disciplina	748.2009/01
Soggetti	Glass manufacture - History Glassware, Ancient Glassware, Classical
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Glass as a material: a technological background in faience, pottery and metal? -- Ways to flux silica: ashes and minerals -- Silica, lime and glass colourants -- Glass chemical compositions -- Early glass in the Middle East and Europe: innovation, archaeology and the contexts for production and use -- Early glass in the Middle East and Europe: scientific analysis -- Hellenistic to Roman: a change from small- to large-scale glass production? -- Late Hellenistic and early Roman glass: Scientific studies -- Islamic glass: technological continuity and innovation -- Islamic glass: scientific research -- The provenance of ancient glass -- Conclusions.
Sommario/riassunto	This book is an interdisciplinary exploration of archaeological glass in which technological, historical, geological, chemical and cultural aspects of the study of ancient glass are combined. The book examines

why and how this unique material was invented some 4,500 years ago and considers the ritual, social, economic and political contexts of its development. It also provides an in-depth consideration of glass as a material, the raw materials used to make it, and its wide range of chemical compositions in both the East and the West from its invention to the seventeenth century AD. Julian Henderson focuses on three contrasting archaeological and scientific case studies: Late Bronze Age glass, late Hellenistic-early Roman glass, and Islamic glass in the Middle East. He considers in detail the provenances of ancient glass using scientific techniques and discusses a range of vessels and their uses in ancient societies.

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