1.	Record Nr.	UNINA9910141450003321
	Titolo	Advances in glass and optical materials [[electronic resource]] : proceedings of the 107th Annual Meeting of the American Ceramic Society, Baltimore, Maryland, USA (2005) / / editor, Shibin Jiang
	Pubbl/distr/stampa	Westerville, Ohio, : American Ceramic Society, c2006
	ISBN	1-280-67460-1 9786613651532 1-118-40797-0 1-118-40798-9
	Descrizione fisica	1 online resource (125 p.)
	Collana	Ceramic transactions ; ; v. 173
	Altri autori (Persone)	JiangShibin
	Soggetti	Glass Ceramic materials Silica Electronic books.
	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	Advances in Glass and Optical Materials; Contents; Preface; Development of Highly Nonlinear Extruded Lead Silicate Holey Fibers with Novel Dispersive Properties; Fabrication of Photonic Crystal Slabs and Microstructures by Electrophoretic Deposition(EPD) - What are the Fabrication Limits?; Glass Ceramics for Solid State Lighting; Electrical and Optical Properties of Phosphate Glasses Containing Multiple Transition Ions; Incorporation of Biological Agents in Random Hole Optical Fibers; Bioapplications for Photo-Hydrolyzed Glass Surfaces A Tunable Inorganic Blotting Membrane for Analysis of Gel Separated Biomolecules by MALDI-MSFormation of Metallic Copper Clusters in Silica Based Glasses; In-Situ Observation of Relaxation Process in F-Doped Silica Glass by Raman Spectroscopy; Selective Batching for Improved Commercial Glass Melting; Glass Fibers Industry: Evolutions of Glass Compositions; Patents: Tapping a Valuable Resource; Author Index
	Sommario/riassunto	This proceedings volume contains papers on the current research and

development in the area of glass and optical materials. Papers include topics on glasses for bioapplications, glass fibers for optical and insulating applications, glass-ceramics, phosphate glasses, patent searching, and more.