

1. Record Nr.	UNINA9910298609003321
Autore	Kong Ling Bing, PhD
Titolo	Transparent Ceramics / / by Ling Bing Kong, Y. Z. Huang, W. X. Que, T. S. Zhang, S. Li, J. Zhang, Z. L. Dong, D. Y. Tang
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-18956-5
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (742 p.)
Collana	Topics in Mining, Metallurgy and Materials Engineering, , 2364-3307
Disciplina	666
Soggetti	Ceramic materials Materials Inorganic chemistry Lasers Ceramics Materials Engineering Inorganic Chemistry Laser
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.
Nota di contenuto	Preface -- Introduction -- Transparent Ceramic Materials -- Ceramic Powder Synthesis -- Powder Characterization and Compaction -- Sintering and Densification (I) -- Conventional Sintering Technologies -- Sintering and Densification (II) -- New Sintering Technologies -- Sintering and Densification of Transparent Ceramics Grain Growth and Microstructure Development -- Laser Applications -- Other Applications of Transparent Ceramics.
Sommario/riassunto	This book covers the latest progress in the field of transparent ceramics, emphasizing their processing as well as solid-state lasers. It consists of 10 chapters covering the synthesis, characterization and compaction, fundamentals of sintering, densification of transparent ceramics by different methods as well as transparent ceramic applications. This book can be used as a reference for senior undergraduate to postgraduate students, researchers, engineers and material scientists working in solid-state physics.

2.	Record Nr.	UNICAMPANIAVAN00301687
	Autore	International Conference on Photonics : 2023
	Titolo	4: Advances in Nano-Photonics and Quantum Optics : Proceedings of PHOTONICS 2023 : Volume 4 / Manukumara Manjappa ... [et al.] editors
	Pubbl/distr/stampa	Singapore, : Springer, 2024
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