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Altri autori (Persone)	BarquinhaPedro
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	N-type transparent semiconducting oxides -- P-type transparent conductors and semiconductors -- Gate dielectrics on oxide electronics -- The (r)evolution of thin-film transistors (TFTs) -- Electronics with and on paper -- A glance at current and upcoming applications.
Sommario/riassunto	Transparent electronics is emerging as one of the most promising technologies for the next generation of electronic products, away from the traditional silicon technology. It is essential for touch display panels, solar cells, LEDs and antistatic coatings. The book describes the concept of transparent electronics, passive and active oxide semiconductors, multicomponent dielectrics and their importance for a new era of novel electronic materials and products. This is followed by a short history of transistors, and how oxides have revolutionized this field. It concludes with a glance at