

1. Record Nr.	UNINA9910807322603321
Titolo	Nanoscale interface for organic electronics / / editors, Mitsumasa Iwamoto, Young-Soo Kwon, Takhee Lee
Pubbl/distr/stampa	Singapore ; ; Hackensack, N.J., : World Scientific Pub. Co., 2011
ISBN	1-283-14503-0 9786613145031 981-4322-49-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (400 p.)
Altri autori (Persone)	KwonYoung-Soo IwamotoMitsumasa LeeTakhee
Disciplina	621.381
Soggetti	Nanoscience Organic electronics
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	pt. 1. Nanoscale interface -- pt. 2. Molecular electronics -- pt. 3. Polymer electronics.
Sommario/riassunto	The scope of this book will be focused on the interface issues and problems in organic materials as electronic device applications. The organic material electronics is a rapidly progressing field for potential applications in flexible field effect transistors, plastic solar cells, organic luminescent devices, etc. However, the performance of these organic devices is still not sufficient. To enhance the understanding and practical applications of organic devices, we need to understand the fundamental organic device physics which is somewhat different from the conventional inorganic device physi