Organic Nanostructures For Next Generation Devices

DOWNLOAD HERE

1. Fundamentals of Organic Film Growth and Characterization.- 2. Optical Characterization Methods for Ultrathin Nanoaggregates.- 3. Growth of Oriented Organic Nanoaggregates via Molecular Beam Deposition.- 4. Tailored Organic Nanoaggregates Generated by Self-Assembly of Designed Functionalised p-Quaterphenylenes on Muscovite Mica Substrates.- 5. Hot Wall Epitaxial Growth of Films of Conjugated Molecules.- 6. Crystallography of Ultrathin Organic Films and Nanoaggregates.- 7. Growth and Electronic Structure of Homo- and Hetero-epitaxial Organic Nanostructures.- 8. Mechanisms Governing the Growth of Organic Oligophenylene "Needles" on Au Substrates.- 9. Nanooptics Using Organic Nanofibres.- 10. Optical Gain and Random Lasing in Self-assembled Organic Nanofibers.- 11. Fabrication and Characterization of Self Organized Nanostructured Organic Thin Films and Devices.- 12. Device-oriented Studies on Electrical, Optical and Mechanical Properties of Individual Organic Nanofibers.- 13. Device Treatment of Organic Nanofibers: Embedding, Detaching, and Cutting. EAN/ISBN: 9783540719236 Publisher(s): Springer, Berlin Format: ePub/PDF Author(s): Shamery, Katharina Al- - Rubahn, Horst-Gnter - Sitter, Helmut

DOWNLOAD HERE

Similar manuals: