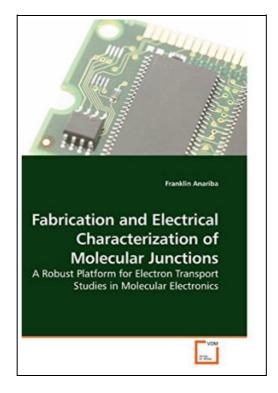
Fabrication and Electrical Characterization of Molecular Junctions



Filesize: 6.5 MB

Reviews

Definitely one of the better ebook I have possibly read through. It usually will not charge excessive. You wont feel monotony at anytime of your own time (that's what catalogues are for regarding if you check with me).

(Prof. Jean Dare)

FABRICATION AND ELECTRICAL CHARACTERIZATION OF MOLECULAR JUNCTIONS



VDM Verlag. Paperback. Book Condition: New. Paperback. 124 pages. Dimensions: 8.7in. x 5.9in. x 0.3in.At a time when graphene with its particular electronic properties have brought about a renewed and strong interest in carbon materials in the research community, this book on graphitic carbon and its applications in the elucidation of electron transport mechanisms in molecular junctions is of significant importance. In addition to presenting a novel type of molecular electronic junction, the results bear on the widespread topic of electronic conductivity of organic molecules sandwiched between metallic electrodes. The electrical properties of organic molecules are addressed by fabricating carbonmoleculemetals junctions, followed by electrical characterization of the resulting devices, whereby variables such as molecular structure, monolayer thickness, temperature, choice of top metal contact, junction design and configuration, are all addressed. The developed platform affords molecular junctions with high yield and low relative standard deviations that strongly suggest molecular structure plays a pivotal role in their electrical properties. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



Read Fabrication and Electrical Characterization of Molecular Junctions Online Download PDF Fabrication and Electrical Characterization of Molecular Junctions

You May Also Like



Story Time for Kids with NLP by The English Sisters - The Little Sparrow and The Chimney Pot

MX Publishing. Paperback. Book Condition: new. BRAND NEW, Story Time for Kids with NLP by The English Sisters - The Little Sparrow and The Chimney Pot, Violeta Zuggo, Jutka Zuggo, Anna Kecskes, The Little Sparrow...

Read Document »



Hands Free Mama: A Guide to Putting Down the Phone, Burning the To-Do List, and Letting Go of Perfection to Grasp What Really Matters!

ZONDERVAN, United States, 2014. Paperback. Book Condition: New. 211×137 mm. Language: English . Brand New Book. Rachel Macy Stafford s post The Day I Stopped Saying Hurry Up was a true phenomenon on...

Read Document »



After Such Knowledge: Memory, History, and the Legacy of the Holocaust

PublicAffairs. PAPERBACK. Book Condition: New. 1586483048 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with...

Read Document »



Read Write Inc. Phonics: Yellow Set 5 Non-Fiction 3 Fun at the Fair

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 207 x 170 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books...

Read Document »



Decameron and the Philosophy of Storytelling: Author as Midwife and Pimp (Hardback)

 $Columbia\ University\ Press,\ United\ States,\ 2005.\ Hardback.\ Book\ Condition:\ New.\ New.\ 236\times155\ mm.\ Language:\ English\ .\ Brand\ New\ Book.\ In\ this\ creative\ and\ engaging\ reading,\ Richard\ Kuhns\ explores\ the\ ways\ in\ which\ Decameron...$

Read Document »