

Fabrication and Electrical Characterization of Molecular Junctions

Filesize: 2.2 MB

Reviews

This is the finest book i have got go through right up until now. I have got read and i also am confident that i am going to planning to read once again yet again in the future. You will not truly feel monotony at at any time of the time (that's what catalogs are for about if you check with me).

(Taylor Medhurst)

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

See Also

PDF

DK Readers Disasters at Sea Level 3 Reading Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.8in. x 5.7in. x 0.2in.From fog, ice, and rocks to cannon fire and torpedo attacks--read the story of five doomed sea voyages and the fate... Read Book

\neg
PDF

Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values Summer Fit Learning. Paperback. Book Condition: New. Paperback. 160 pages. Dimensions: 10.6in. x 8.3in. x 0.5in.Summer Fit Activity

Books move summer learning beyond academics to also prepare children physically and socially for the grade ahead.... Read Book

ſ	\neg	
	PDF	
L		

»

»

»

The Day | Forgot to Pray

Tate Publishing. Paperback. Book Condition: New. Paperback. 28 pages. Dimensions: 8.7in. x 5.8in. x 0.3in.Alexis is an ordinary fiveyear-old who likes to run and play in the sandbox. On her first day of Kindergarten, she... Read Book

\Box
PDF

The Gosh Awful Gold Rush Mystery Real Kids, Real Places

Gallopade International. Paperback. Book Condition: New. Paperback. 146 pages. Dimensions: 7.4in. x 5.3in. x 0.6in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an... Read Book

1 -	
PDF	

The Ghosts of Pickpocket Plantation Pretty Darn Scary Mysteries

Gallopade International. Paperback. Book Condition: New. Paperback. 109 pages. Dimensions: 7.4in. x 5.2in. x 0.3in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an... Read Book