

# Graphene Science Handbook: Fabrication Methods (Hardback)

Filesize: 3.05 MB

#### Reviews

*Extremely helpful to all category of individuals. I have got go through and that i am confident that i will likely to read through once again again later on. Once you begin to read the book, it is extremely difficult to leave it before concluding. (Nikita Herzog)* 

### **GRAPHENE SCIENCE HANDBOOK: FABRICATION METHODS (HARDBACK)**



DOWNLOAD PDF

Taylor Francis Inc, United States, 2016. Hardback. Condition: New. Language: English . Brand New Book. Explores Chemical-Based, Non-Chemical Based, and Advanced Fabrication Methods The Graphene Science Handbook is a six-volume set that describes graphene s special structural, electrical, and chemical properties. The book considers how these properties can be used in different applications (including the development of batteries, fuel cells, photovoltaic cells, and supercapacitors based on graphene) and produced on a massive and global scale. Volume One: Fabrication Methods Volume Two: Nanostructure and Atomic Arrangement Volume Three: Electrical and Optical Properties Volume Four: Mechanical and Chemical Properties Volume Five: Size-Dependent Properties Volume Six: Applications and Industrialization This handbook describes the fabrication methods of graphene; the nanostructure and atomic arrangement of graphene; graphene s electrical and optical properties; the mechanical and chemical properties of graphene; the size effects in graphene, characterization, and applications based on size-affected properties; and the application and industrialization of graphene. Volume one is dedicated to fabrication methods and strategies of graphene and covers: \* Various aspects of graphene device process flows \* Experimental procedures for graphene nanoribbons (GNRs) from graphene oxide, its reduction, and its functionalization with organic materials \* The electrophoretic deposition (EPD) processing of graphene family materials \* The preparation of graphene using the solvent dispersion method \* Methods for the preparation of graphene oxide \* The fabrication and performance of a gate-free graphene pH sensor \* Advances in wet chemical fabrication of graphene, graphene oxide (GO) and more.

Read Graphene Science Handbook: Fabrication Methods (Hardback) Online
Download PDF Graphene Science Handbook: Fabrication Methods (Hardback)

## **Related eBooks**

| _ |
|---|
| - |

Brown Paper Preschool: Pint-Size Science : Finding-Out Fun for You and Young Child Book Condition: Brand New. Book Condition: Brand New. Read Document »

| _ |
|---|

Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success, Eva M. Horn, Susan B. Palmer, Gretchen D. Butera, Joan A. Lieber, How... Read Document »

| - |
|---|

Creative Thinking and Arts-Based Learning : Preschool Through Fourth Grade Book Condition: Brand New. Book Condition: Brand New. Read Document »

| _ |
|---|
|   |

# Studyguide for Creative Thinking and Arts-Based Learning : Preschool Through Fourth Grade by Joan Packer Isenberg ISBN: 9780131188310

2011. Softcover. Book Condition: New. 4th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights,... Read Document »

|   | $\mathbf{\nabla}$ |
|---|-------------------|
| _ |                   |
|   |                   |
|   |                   |

#### Preschool education research methods(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2013-08-01 Language: Chinese Publisher:. Nanjing University Press only genuine new book... Read Document »