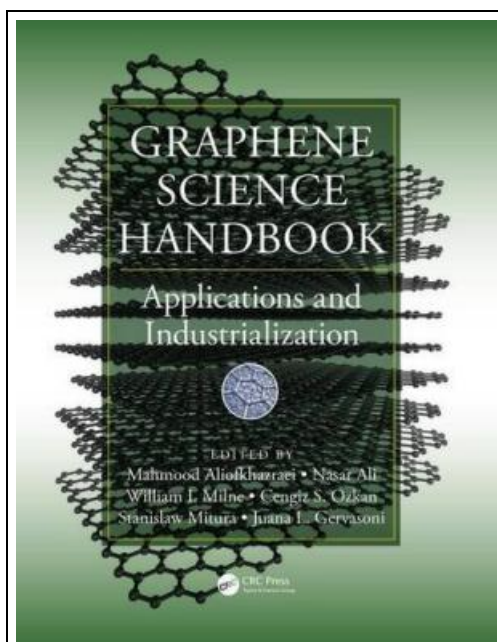


Graphene Science Handbook: Applications and Industrialization (Hardback)



Filesize: 6.41 MB

Reviews

It is an amazing ebook i have possibly study. Indeed, it is engage in, nevertheless an amazing and interesting literature. I am just very easily can get a pleasure of reading a published book.

(Christopher Ferry)

GRAPHENE SCIENCE HANDBOOK: APPLICATIONS AND INDUSTRIALIZATION (HARDBACK)

[DOWNLOAD](#)

Taylor Francis Inc, United States, 2016. Hardback. Condition: New. Language: English . Brand New Book. Explore the Practical Applications and Promising Developments of Graphene 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 six is dedicated to the application and industrialization of graphene and covers: * The design of graphene- and biomolecule-based nanosensors and nanodevices * The use of graphene-based field-effect-transistor (GFET)-like structures as sensing substrates and DNA aptamers as sensing elements * Recent advances in graphene-based DNA sensors * The antibacterial properties of graphene-based nanomaterial (NM) * The chemical and physical properties of graphene and its current uses * The development of sensitive and selective field-effect transistors (FET) biosensors based on graphene * The unique properties of ordered graphene (G) * Various methods currently employed for the production of graphene nanocomposites * The supramolecular chemistry of graphene derivatives, and more.

[Read Graphene Science Handbook: Applications and Industrialization \(Hardback\) Online](#)[Download PDF Graphene Science Handbook: Applications and Industrialization \(Hardback\)](#)

See Also



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 eBook >](#)



Brown Paper Preschool: Pint-Size Science : Finding-Out Fun for You and Young Child

Book Condition: Brand New. Book Condition: Brand New.

[Read eBook >](#)



Creative Thinking and Arts-Based Learning : Preschool Through Fourth Grade

Book Condition: Brand New. Book Condition: Brand New.

[Read eBook >](#)



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 eBook >](#)



The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(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 :2007-01-01 Pages: 244 Publisher: Science Press Welcome Our service and quality...

[Read eBook >](#)