

ORDER YOUR COPY NOW...

Nanotechnology

Nano-Age

How Nanotechnology Changes our Future

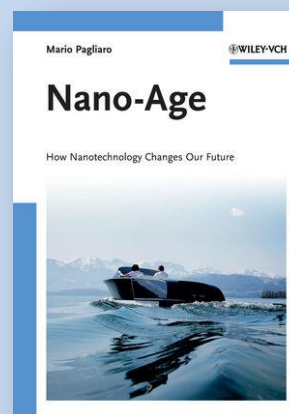
MARIO PAGLIARO *CNR, Palermo, Italy*

Is the nano-age here to stay or will a bubble soon burst?

This thought-provoking page-turner takes a critical glance at how nanotechnology has affected virtually all areas of our lives. From the pharmaceutical industry to energy production and storage, many fields have been truly revolutionized during the nano-age.

The internationally renowned author explores the topic in nine entertaining chapters.

Read Wiley books online, visit:
www.interscience.wiley.com/onlinebooks
OnlineBooks™



Hardback ♦ 196 pages
June 2010
ISBN: 978-3-527-32676-1
Price £22.50 / \$34.95 /
€24.90

CONTENTS

Preface

CAPTURING SUN'S ENERGY

Solar Power: Now

Never Trust the Skeptics

Solar Power for the Masses

Why Nanoscience is Relevant to the Solar Energy Industry

Expanding the Solar Business

Solar Hydrogen from Water

FROM CHEMISTRY TO NANO CHEMISTRY

Why Small is Different

Nanochemistry, The Chemical Approach to Nanotechnology

An Insight into Chemical Methodology

Making Nanomaterials

STORING AND SUPPLYING CLEAN ENERGY

Ending the Era of the Internal Combustion Engine

Nanotechnology-Based Batteries

Biological Fuel Cells

Fuel Cells for the People

CATALYSIS: GREENING THE PHARMA INDUSTRY

Pharma: An Industry to Be Cleaned Up

Sol-Gel Catalysts: Philosopher's Stones

Biogels: Marriage of Glass and Life

Nanocatalysts: Abating Polluting Emissions and Product Contamination

ORIGINALLY DOPED METALS

A Watershed Development in Science

The New Reactivity of Metal-Entrapped Molecules

Two-for-One-Catalyst

Chiral Metals

PROTECTING OUR GOODS AND SAVING ENERGY

Multifunctional Nanocoatings

Multifunctional Textiles

Protecting Cultural Heritage

Protecting Goods from Light

BETTER MEDICINE THROUGH NANO CHEMISTRY

Nanomedicine

Hemostasis: Change in Surgery and Emergency Medicine

Biogels: Biotechnology Made Possible

Small is Beautiful? Nanotech Cosmetics

Nanotechnology in Orthopedics

A Hybrid, Welcome Science

GETTING THERE CLEANLY

Why Sustainable Nanotechnology?

Regulating Nanomaterials

Greening Nanomaterials

Understand the Risks and Minimize Them

Communicating the Nanotech Risk

MANAGING (NANO)INNOVATION

Scholars, and not Researchers

Renewing Management and Scientific Education

Nexus of the Science

In Praise of Scientific Culture

Communicating Nanochemistry

www.wiley.com

 **WILEY**  **WILEY-VCH**

ORDER FORM

All customers from Europe (excluding Germany, Austria, Switzerland)

PHONE your credit card order:
FREE PHONE (UK only) 0800 243407 or
(for overseas orders) +44 1243 843-294

FAX your completed order form to:
+44 (0)1243 843-296

POST your completed order form to:
John Wiley & Sons Ltd., 1 Oldlands Way,
Bognor Regis, West Sussex, PO22 9SA, UK

EMAIL: cs-books@wiley.co.uk

ONLINE: www.wiley.com

PAYMENT METHODS

Cheque enclosed, payable to John Wiley & Sons Ltd

Credit/charge card: Maestro Mastercard

Visa American Express

Card number _____

Start date _____ Expiry date _____

Maestro issue number _____

Card security code: _____
(Required for Maestro, Mastercard, Visa, American Express)

Cardholder's signature _____

Cardholder's name _____

Cardholder's registered address _____

Postcode _____ Country _____

Invoice for prepayment
Purchase order number _____ enclosed

EU customers please include your VAT number _____

Postage rates

(Amounts shown for the total order)

UK £3.70

Europe Surface mail £5.35/€8.00

Air mail £12.75/€19.00

Outside Europe Surface mail £7.75

Air mail £14.95

Delivery will be arranged by John Wiley & Sons Ltd, on your behalf via Wiley Distribution Services Ltd. Alternatively you may collect your order by prior arrangement. We can also quote for delivery by courier. Please e-mail cs-books@wiley.co.uk for details. Please allow 21 days for delivery.

MONEY BACK GUARANTEE

If you are not completely satisfied we will refund your payment without question, if books are returned in a resaleable condition within 30 days of receipt.

Sub Total _____

Postage _____

TOTAL _____

YOUR PERSONAL DATA

We, John Wiley & Sons Ltd, will use the information you have provided to fulfil your request. In addition, we would like to:

1. Use your information to keep you informed by post of titles and offers of interest to you and available from us or other Wiley Group companies worldwide, and may supply your details to members of the Wiley Group for this purpose.

Please tick the box if you do not wish to receive this information

2. Share your information with other carefully selected companies so that they may contact you by post with details of titles and offers that may be of interest to you.

Please tick the box if you do not wish to receive this information.

If, at any time, you wish to stop receiving information, please contact The Database Marketing Dept (databasegroup@wiley.co.uk) at John Wiley & Sons Ltd, The Atrium, Southern Gate, Chichester, West Sussex. PO19 8SQ, UK.

Customers from Germany, Austria and Switzerland

PHONE +49 (0)6201 606-400

FAX your completed order form to:
+49 (0)6201 606-184

POST your completed order form to:
Wiley-VCH, Customer Service Department,
P.O. Box 10 11 61, 69451 Weinheim, Germany

EMAIL: service@wiley-vch.de

INTERNET: www.wiley-vch.de

Card Number _____

Expiry Date _____

Date, Signature _____

TERMS OF PAYMENT:

Please send me an invoice

Cheque is enclosed

Please charge my credit card:

Mastercard Visa Amex

In EU countries the local VAT is effective for books and journals. Postage will be charged. Whilst every effort is made to ensure that the contents of this leaflet are accurate, all information is subject to change without notice. Our standard terms and delivery conditions apply. Prices are subject to change without notice. Date of Information: January 2005

Customers from the Rest of the World

PHONE +1 877 762-2974 (toll free)

FAX +1 800 597-3299

MAIL your completed order form to:
John Wiley & Sons, Inc., 10475 Crosspoint
Blvd, Indianapolis, IN 46256 USA

EMAIL: custserv@wiley.com

INTERNET: www.wiley.com

Please charge my credit card:

Mastercard Visa Amex Discover

Acct.# _____ Expiry Date _____

Signature (Credit card orders invalid unless signed)

METHOD OF PAYMENT:

Payment enclosed. Total amount enclosed:

_____ (Make checks or money orders
payable to John Wiley & Sons, Inc.)

Yes, I would like to order.

Please send me _____ copies of:

**Nano-Age:
How Nanotechnology Changes
our Future**

MARIO PAGLIARO

**Hardback ♦ 196 pages
June 2010**

ISBN: 978-3-527-32676-1

Price £22.50 / \$34.95 / €24.90

Send my order to

Title & Name _____

Job Title/Department _____

Company/University _____

Address _____

Town/City _____

Post/Zip Code _____

Country _____

Daytime Tel./Fax _____

**Yes! Please place me on the Wiley
Email list. My E-mail address is**

 **WILEY**