

The following recently published books, relevant to materials research, have come to *MRS Bulletin's* attention. Some of the books listed here may be reviewed in future issues of *MRS Bulletin*. To review a book from the list or to offer recommendations of additional books, contact Editorial Assistant, *MRS Bulletin*, 506 Keystone Drive, Warrendale, PA 15086-7573, USA; e-mail [bulletin@mrs.org](mailto:bulletin@mrs.org).

## Books

**Carbon Nanotubes: Angels or Demons?**, Silvana Fiorito, World Scientific, 2008, 164 pp., \$109.00, ISBN: 978-981-4241-01-4.

**Creep and Fracture of Ice**, Erland M. Schulson, Cambridge University Press, 2009, 416 pp., \$130.00, ISBN: 978-0-521-80620-6.

**Dendrimer-Based Nanomedicine**, Istvan J. Majoros and James R. Baker, Editors, World Scientific, 2008, 436 pp., \$215.00, ISBN: 978-981-4241-04-5.

**Energy and Climate: How to Achieve a Successful Energy Transition**, Alexandre Rojey, Wiley, 2009, 168 pp., \$55.00, ISBN: 978-0-470-74427-7.

**Environmental Surfaces and Interfaces from the Nanoscale to the Global Scale**, Patricia Maurice, Wiley, 2009, 464 pp., \$115.00, ISBN: 978-0-470-40036-4.

**Excitonic and Vibrational Dynamics in Nanotechnology—Quantum Dots vs. Nanotubes**, Svetlana V. Kilina, World Scientific, 2009, 200 pp., \$129.00, ISBN: 978-981-4241-30-4.

**Functionally Graded Materials: Nonlinear Analysis of Plates and Shells**, Hui-Shen Shen, Taylor & Francis/CRC, 2009, 280 pp., \$149.95, ISBN: 978-1-420092561.

**Handbook of Molecular Biophysics**, Henrik G. Bohr, Wiley, 2009, 1074 pp., \$350.00, ISBN: 978-3-527-40702-6.

**Nanobiotechnology and Nanobiosciences**, Claudio Nicolini, World Scientific, 2008, 380 pp., \$119.00, ISBN: 978-981-4241-38-0.

**Nanocomputing—Computational Physics for Nanoscience and Nanotechnology**, James J. Hsu, Editor, World Scientific, 2009, 384 pp., \$135.00, ISBN: 978-981-4241-26-7.

**Nanomedicine—A Systems Engineering Approach**, Mingjun Zhang and Ning Xi, Editors, World Scientific, 2009, 360 pp., \$159.00, ISBN: 978-981-4241-36-6.

**Nanopathology—The Health Impact of Nanoparticles**, Antonietta M. Gatti and Stefano Montanari, World Scientific, 2009, 312 pp., \$135.00, ISBN: 978-981-4241-00-7.

**Nanostructures in Electronics and Photonics**, Faiz Rahman, Editor, World Scientific, 2008, 316 pp., \$179.00, ISBN: 978-981-4241-10-6.

**Nanotherapeutics—Drug Delivery Concepts in Nanoscience**, Alf Lamprecht, Editor, World Scientific, 2008, 292 pp., \$155.00, ISBN: 978-981-4241-02-1.

**Phase Transformations in Metals and Alloys, Third Edition**, David A. Porter, Kenneth E. Easterling, and Mohamed Sherif, Taylor & Francis/CRC, 2009, 520 pp., \$69.95, ISBN: 978-1-420062106.

**Plasmonic Nanoguides and Circuits**, Sergey I. Bozhevolnyi, Editor, World Scientific, 2008, 452 pp., \$149.00, ISBN: 978-981-4241-32-8.

**Semiconductor Quantum Bits**, Oliver Benson and Fritz Henneberger, World Scientific, 2008, 516 pp., \$179.00, ISBN: 978-981-4241-05-2.

**Silicon Nanophotonics—Basic Principles, Present Status and Perspectives**, Leonid Khriachtchev, Editor, World Scientific, 2008, 472 pp., \$155.00, ISBN: 978-981-4241-11-3.

**Solid State Polymerization**, Constantine D. Papaspyrides and Stamatina N. Vouyiouka, Wiley, 2009, 312 pp., \$115.00, ISBN: 978-0-470-08418-2.

**Spin Wave Confinement**, Sergej O. Demokritov, Editor, World Scientific, 2008, 240 pp., \$155.00, ISBN: 978-981-4241-06-9.

**Structural Ceramics—Fundamentals and Case Studies**, Frank Riley, Cambridge University Press, 2009, 418 pp., \$90.00, ISBN: 978-0-521-84586-1.

**Thixoforming—Semi-Solid Metal Processing**, Gerhard Hirt and Reiner Kopp, Editors, Wiley, 2009, 474 pp., \$190.00, ISBN: 978-3-527-32204-6. □



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