



## Recommended reading

The following books, relevant to materials research, have come to the attention of *MRS Bulletin*. To add a recommendation to this list or to suggest a book to be reviewed in a future issue of *MRS Bulletin*, please send an email to [bookreviews@mrs.org](mailto:bookreviews@mrs.org).



### Nanoelectronic Materials

Loutfy H. Madkour

Springer, 2019

\$129.00 eBook; ISBN 978-3-030-21621-4



### Materials and Manufacturing Processes

Kaushik Kumar, Hridayjit Kalita, Divya Zindani, and J. Paulo Davim

Springer, 2019

\$89.00 eBook; ISBN: 978-3-030-21066-3



### Optics for Materials Scientists

Myeongkyu Lee

Apple Academic Press, 2019

\$135.96 Hardcover, \$52.16 eBook

ISBN 978-1-771-88757-1



### Physics of Semiconductors and Nanostructures

Jyoti Prasad Banerjee and Suranjana Banerjee

CRC Press, 2019

\$119.96 Hardcover, \$134.96 eBook

ISBN 978-1-315-15680-4



### Reducing Operational Costs in Composites Manufacturing

Karen Snyder Travis

CRC Press, 2019

\$119.96 Hardcover, \$53.96 eBook

ISBN 978-0-429-46639-7



### Nanoimprinting and Its Applications

Akihiro Miyauchi

Jenny Stanford Publishing, 2019

\$119.96 Hardcover, \$52.06 eBook

ISBN 978-0-429-03192-2



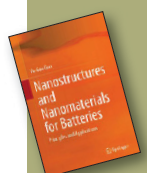
### Semiconductor Radiation Detectors

Alan Owens

CRC Press, 2019

\$199.96 Hardcover, \$52.16 eBook

ISBN 978-1-315-11493-4



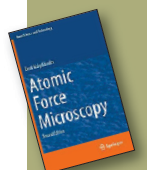
### Nanostructures and Nanomaterials for Batteries

Yu-Guo Guo

Springer, 2019

\$169.99 Hardcover, \$104.10 eBook

ISBN 978-981-13-6233-0



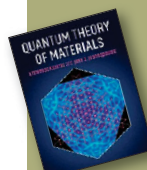
### Atomic Force Microscopy

Bert Voigtländer

Springer, 2019

\$149.99 Hardcover, \$91.83 eBook

ISBN 978-3-030-13654-3

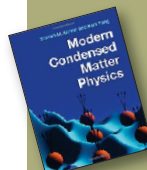


### Quantum Theory of Materials

Efthimios Kaxiras and John D. Joannopoulos

Cambridge University Press,\* 2019

\$89.99 Hardcover; ISBN 978-0-521-11711-1



### Modern Condensed Matter Physics

Steven M. Girvin and Kun Yang

Cambridge University Press,\* 2019

\$79.99 Hardcover; ISBN 978-1-107-13739-4



### Carbon Nanomaterials in Hydrogenation Catalysis

Edward Furimsky

Royal Society of Chemistry, 2019

\$205.00 Hardcover, \$205.00 eBook

ISBN 978-1-78801-723-7

\* Materials Research Society publication partner