

Publications received – 2016

Books received by the journal in 2016 but not reviewed are listed. The list is intended to serve as both a notice of the books and an acknowledgement of receipt. Some reviews may appear later.

Advances and Challenges in Plant Breeding, Biotechnology and Conservation, 2016. R. B. Smitha, R. Prakashkumar, N. S. Pradeep, K. V. Mohanan and P. V. Madhusoodanan (eds). Malabar Botanical Garden and Institute for Plant Science, Kozhikode, Kerala. x + 405 pages. Price not mentioned.

Annual Review of Astronomy and Astrophysics, Vol. 54, 2016. S. M. Faber and Ewine van Dishoeck (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. x + 815 pages. US\$ 102.

Annual Review of Biochemistry, Vol. 85, 2016. Roger D. Kornberg, James E. Rothman, JoAnne Stubbe and Jeremy W. Thorner (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. viii + 815 pages. US\$ 109.

Annual Review of Biomedical Engineering, Vol. 17, 2015. Martin L. Yarmush, James S. Duncan and Martha L. Gray (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. vi + 526 pages. US\$ 99.

Annual Review of Biomedical Engineering, Vol. 18, 2016. Martin L. Yarmush, James S. Duncan and Martha L. Gray (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. vi + 427 pages. US\$ 96.

Annual Review of Biophysics, Vol. 45, 2016. Ken A. Dill and Xiaowei Zhuang (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. vi + 401 pages. US\$ 102.

Annual Review of Cell and Developmental Biology, Vol. 32, 2016. Randy Schekman, Larry Goldstein and Ruth Lehmann (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. ix + 778 pages. US\$ 109.

Annual Review of Earth and Planetary Sciences, Vol. 44, 2016. Raymond Jeanloz and Katherine H. Freeman (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. xv + 813 pages. US\$ 109.

Annual Review of Entomology, Vol. 61, 2016. May R. Berenbaum, Ring T. Cardé and Gene E. Robinson (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. xiv + 521 pages. US\$ 102.

Annual Review of Genomics and Human Genetics, Vol. 17, 2016. Aravinda Chakravarti and Eric Green (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. vi + 417 pages. US\$ 102.

Annual Review of Immunology, Vol. 34, 2016. Dan R. Littman and Wayne M. Yokoyama (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. viii + 684 pages. US\$ 109.

Annual Review of Microbiology, Vol. 70, 2016. Susan Gottesman, Caroline S. Harwood and Olaf Schneewind (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. xi + 481 pages. US\$ 102.

Annual Review of Neuroscience, Vol. 39, 2016. Steven E. Hyman, Carla J. Shatz and Huda Y. Zoghbi (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. x + 440 pages. US\$ 102.

Annual Review of Nutrition, Vol. 36, 2016. Patrick J. Stover (ed.). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. x + 693 pages. US\$ 96.

Annual Review of Pathology: Mechanisms of Disease, Vol. 11, 2016. Abul K. Abbas, Jon C. Aster and Stephen J. Galli (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. vi + 649 pages. US\$ 67.

Annual Review of Pharmacology and Toxicology, Vol. 56, 2016. Paul A. Insel, Susan G. Amara, Terrence F. Blaschke and Urs A. Meyer (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. xii + 701 pages. US\$ 102.

Annual Review of Physical Chemistry, Vol. 67, 2016. Mark A. Johnson and Todd J. Martínez (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. ix + 765 pages. US\$ 102.

Annual Review of Phytopathology, Vol. 54, 2016. Jan E. Leach and Steven Lindow (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. ix + 603 pages. US\$ 102.

Annual Review of Plant Biology, Vol. 67, 2016. Sabeeha S. Merchant, Wilhelm Grissem and Donald Ort (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. vii + 729 pages. US\$ 109.

Annual Review of Public Health, Vol. 37, 2016. Jonathan E. Fielding, Ross C. Brownson and Lawrence W. Green (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139. xii + 462 pages. US\$ 96.

Anti-Angiogenesis Drug Discovery and Development, Vol. 2, 2014. Atta-ur-Rahman and Muhammad Iqbal Choudhary (eds). Elsevier, Radarweg 29, P.O. Box 211, 1000 AE Amsterdam, The Netherlands. xii + 314 pages. US\$ 99.95.

Antihyperglycemic, Antihyperlipidemic and Antioxidative Effect of Noni (*Morinda citrifolia* L.) Fruits in Experimental and Clinical Models, 2015. S. Ramesh. Noni BioTech, Chennai. iv + 55 pages. Price not mentioned.

Bananaworld: Quantum Mechanics for Primates, 2016. Jeffrey Bub. Oxford University Press, Great Clarendon Street, Oxford, OX2 6DP, UK. xiii + 273 pages. £ 25.

Bose–Einstein Condensation and Superfluidity, 2016. Lev Pitaevskii and Sandro Stringari. Oxford University Press, Great Clarendon Street, Oxford, OX2 6DP, UK. xi + 553 pages. £ 65.

Carbon Nanotubes, 2017. S. L. Kakani and Shubhra Kakani. New Age International (P) Limited, Publishers, 7/30A, Daryaganj, New Delhi 110 002. x + 335 pages. Rs 899.

Chitosan based Biomaterials, Volume 1: Fundamentals, 2017. J. Amber Jennings and Joel D. Bumgardner (eds). Woodhead Publishers, The Officers' Mess Business Centre, Royston Road, Duxford, CB22 4QH, UK. xvi + 325 pages. US\$ 265.

Chitosan based Biomaterials, Volume 2: Tissue Engineering and Therapeutics, 2017. J. Amber Jennings and Joel D. Bumgardner (eds). Woodhead Publishers, The Officers' Mess Business Centre, Royston Road, Duxford, CB22 4QH, UK. xvi + 279 pages. US\$ 265.

Clean Energy: Hydrogen/Fuel Cells Laboratory Manual, 2016. K. S. V. Santhanam, Gerald A. Takacs, Massoud J. Miri, Alla V. Bailey, Thomas D. Allston and Roman J. Press. World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. vii + 132 pages. US\$ 38.

Cures vs Profits: Successes in Translational Research, 2016. James Lyons-Weiler. World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. xxxvi + 323 pages. US\$ 28.

Development of Noni (*Morinda citrifolia* L.) based Nutraceuticals for Health Security, 2015. P. N. Satwadhar. Noni BioTech, Chennai. iv + 41 pages. Price not mentioned.

The Distracted Mind: Ancient Brains in a High-Tech World, 2016. Adam Gazzaley and Larry D. Rosen. The MIT Press, One Rogers Street, Cambridge, Massachusetts 02142. xv + 286 pages. US\$ 27.95.

Essays in the Philosophy of Chemistry, 2016. Eric Scerri and Grant Fisher (eds). Oxford University Press, 198 Madison Avenue, New York, NY 10016, USA. ix + 410 pages. £ 38.99.

Evidence-based Validation of Herbal Medicine, 2015. Pulok K. Mukherjee (eds). Elsevier, Radarweg 29, P.O. Box 211, 1000 AE Amsterdam, The Netherlands. xvii + 537 pages. US\$ 255.

Explaining the Time: A New Look, 2013. Mohammad Mankad. The Indian Planetary Society (IPS), A-A-102, Nand Dham, Lokmanya Tilak Road, Borivali West, Mumbai 400 092. xxiv + 155 pages. Rs 550.

Exploring the Planets: A Memoir, 2016. Fred Taylor. Oxford University Press, Great Clarendon Street, Oxford, OX2 6DP, UK. xvii + 363 pages. £ 25.

Fifty Years of Mathematical Physics: Selected Works of Ludwig Faddeev, 2016. Molin Ge and Antti J. Niemi (eds). World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. x + 585 pages. US\$ 84.

Fundamentals and Applications of Magnetic Materials, 2016. Kannan M. Krishnan. Oxford University Press, Great Clarendon Street, Oxford, OX2 6DP, UK. xix + 794 pages. US\$ 98.50.

Handbook of Immunological Properties of Engineered Nanomaterial, Volume 1: Key Considerations for Nanoparticle Characterization Prior to Immunotoxicity Studies, Second Edition, 2016. Marina A. Dobrovolskaia and Scott E. McNeil (eds). World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. xxv + 347 pages. Price not mentioned.

Handbook of Immunological Properties of Engineered Nanomaterial, Volume 2: Haematocompatibility of Engineered Nanomaterials, Second Edition, 2016. Marina A. Dobrovolskaia and Scott E. McNeil (eds). World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. xxv + 401 pages. Price not mentioned.

Handbook of Immunological Properties of Engineered Nanomaterial, Volume 3: Engineered Nanomaterials and the Immune Cell Function, Second Edition, 2016. Marina A. Dobrovolskaia and Scott E. McNeil (eds). World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. xxv + 353 pages. Price not mentioned.

Handbook of Phytochemical and Spectroscopic Methods, 2016. Jagdev Singh and Sanjay Singh. Vallabh Prakashan, C-5, SMA Coop. Industrial Estate, GT Karnal Road, Delhi 110 033. viii + 232 pages. Rs 380.

The Human Advantage: A New Understanding of How our Brain became Remarkable, 2016. Suzana Herculano-Houzel. The MIT Press, Cambridge, MA 02142. 256 pages. US\$ 29.95.

Indian Mathematics: Engaging with the World from Ancient to Modern Times, 2016. George Gheverghese Joseph. World Scientific Publishing Europe Ltd, 57 Shelton Street, Convent Garden, London WC2H 9HE. xix + 489 pages. US\$ 98.

Indica: A Deep Natural History of the Indian Subcontinent, 2016. Pranay Lal. Penguin Random House India Pvt Ltd, 7th Floor, Infinity Tower C, DLF Cyber City, Gurgaon 122 002, Haryana. x + 468 pages. Rs 999.

The Internet Revolution in the Sciences and Humanities, 2016. Alan G. Gross and Joseph E. Harmon. Oxford University Press, 198 Madison Avenue, New York, NY 10016, USA. xx + 248 pages. US\$ 24.95.

An Introduction to Graphene Plasmonics, 2016. P. A. D. Gonçalves and N. M. R. Peres. World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. xxix + 431 pages. US\$ 128.

Introduction to Heterogeneous Catalysis, 2016. Roel Prins, Anjie Wang and Xiang Li. World Scientific Publishing (UK) Ltd, 57 Shelton Street, Covent Garden, London WC2H 9HE. xii + 333 pages. US\$ 98.

Introduction to Protein Mass Spectrometry, 2016. Pradip K. Ghosh. Academic Press, An Imprint of Elsevier, 125, London Wall, EC2Y 5AS, UK. xii + 298 pages. US\$ 125.

John Stewart Bell and Twentieth-Century Physics: Vision and Integrity, 2016. Andrew Whitaker. Oxford University Press, Great Clarendon Street, Oxford, OX2 6DP, UK. xvi + 460 pages. £ 25.

A Lesson for the Future of Our Science: My Testimony on Lork Patrick M. S. Blackett, 2016. Antonino Zichichi. World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. vi + 273 pages. US\$ 28.

A Life in Science, 2016. C. N. R. Rao. Penguin Random House India Pvt Ltd, 7th Floor, Infinity Tower C, DLF Cyber City, Gurgaon 122 022, Haryana. xiii + 216 pages. Rs 499.

The Mathematics that Power Our World: How is it Made?, 2016. Joseph Khoury and Gilles Lamothe. World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. xvi + 185 pages. US\$ 34.

Military Psychology: Concepts, Trends and Interventions, 2016. Nidhi Maheshwari and Vineeth V. Kumar (eds). SAGE Publications India Pvt Ltd, B1/I-1 Mohan Cooperative Industrial Area, Mathura Road, New Delhi 110 044. xxii + 354 pages. Rs 995.

Nature in the City: Bengaluru in the Past, Present, and Future, 2016. Harini Nagendra. Oxford University Press, YMCA Library Building, 1 Jai Singh Road, New Delhi 110 001. xvii + 225 pages. Rs 750.

Neuroplasticity, 2016. Moheb Costandi. Massachusetts Institute of Technology, One Rogers Street, Cambridge, Massachusetts 02142. x + 181 pages. US\$ 15.95/£ 11.95.

Noni-based Agroceuticals and Biopesticides: A New Dimension for Enhancing Productivity in Farming, 2015. K. Ramamoorthy, P. Srimathi, K. Prabhakar and M. Suganthy. Noni BioTech, Chennai. vi + 114 pages. Price not mentioned.

Organic Pharmaceutical Chemistry, 6th Edition, 2016. V. K. Kapoor. Vallabh Prakashan, C-5, SMA Coop. Industrial Estate, GT Karnal Road, Delhi 110 033. viii + 504 pages. Rs 300.

Particle Physics in the LHC Era, 2016. G. Barr, R. Devenish, R. Walczak and T. Weidberg. Oxford University Press, Great Clarendon Street, Oxford, OX2 6DP, UK. xviii + 403 pages. £ 34.99.

Peregrinations from Physics to Phylogeny: Essays on the Occasion of Hao Bailin's 80th Birthday, 2016. Phua Kok Khoo and Ge Molin (eds). World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. xxvii + 357 pages. US\$ 78.

The Practice of Medicinal Chemistry, Fourth Edition, 2015. Camille Georges Wermut, David Aldous, Pierre Radoisson and Didier Rognan (eds). Academic Press, An Imprint of Elsevier, 125, London Wall, EC2Y 5AS, UK. xxii + 880 pages. US\$ 150.

Psychology for India, 2015. Durganand Sinha. SAGE Publications India Pvt Ltd, B1/I-1 Mohan Cooperative Industrial Area, Mathura Road, New Delhi 110 044. xxxvi + 221 pages. Rs 695.

Pteridophytes of Karnataka State, India, 2016. P. K. Rajagopal and K. Gopalakrishna Bhat. Vinayaka Prakashana, 'Vinayaka', Second Road, Haya-greeva Nagara, Kunjibettu Post, Udupi 576 102, Karnataka. x + 223 pages. Rs 1800.

Recent Advances in Medicinal Chemistry, Vol. 1, 2014. Atta-ur-Rahman, Muhammad Iqbal Choudhary and George Perry (eds). Elsevier, Radarweg 29, P.O. Box 211, 1000 AE Amsterdam, The Netherlands. xvii + 469 pages. US\$ 99.95.

The Recovery of Gold from Secondary Sources, 2016. Syed Sabir (ed.). Imperial College Press, 57 Shelton Street, Convent Garden, London WC2H 9HE. ix + 225 pages. US\$ 154.

Science and Principles of Biodegradable and Bioresorbable Medical Polymers: Materials and Properties, 2017. Xiang Zhang (ed.). Woodhead Publishers, The Officers' Mess Business Centre, Royston Road, Duxford, CB22 4QH, UK. xviii + 458 pages. US\$ 265.

Snow, Ice and other Wonders of Water, 2016. Ivar Olovsson. World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. viii + 116 pages. US\$ 19.

Song Birds of Southern India: Towards a New Paradigm of Song, Species and Genetics of Evolution, 2016. Namratha Mogaral. Regency Publica-

tions, A Division of Astral International Pvt. Ltd, 4760-61/23, Ansari Road, Daryaganj, New Delhi 110 002. xxxi + 201 pages. Rs 1995.

Spin Physics, 2016. Haiyan Gao and Bo-Qiang Ma (eds). World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. 200 pages. US\$ 78.

The Thermodynamics of Quantum Yang-Mills Theory: Theory and Applications, Second Edition, 2016. Ralf Hofmann. World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. xxii + 522 pages. US\$ 68.

Thematic Issue: Knowledge Production in Pre-colonial India – Methodological Aspects, Indian Journal of History of Science, Vol. 51(1), March 2016. A. K. Bag (ed.). Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110 002. ii + 168 pages. Price not mentioned.

Who Cares about Particle Physics? Making Sense of the Higgs Boson, the Large Hadron Collider and CERN, 2016. Pauline Gagnon. Oxford University Press, Great Clarendon Street, Oxford, OX2 6DP, UK. xvii + 248 pages. £ 25.

The WSPC Reference on Organic Electronics: Organic Semiconductors – Vol. 1. Basic Concepts, 2016. Jean-Luc Bredas and Seth R. Marder (eds). World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. xi + 424 pages. Price not mentioned.

The WSPC Reference on Organic Electronics: Organic Semiconductors – Vol. 2. Fundamental Aspects of Materials and Applications, 2016. Seth R. Marder and Jean-Luc Bredas (eds). World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. xi + 446 pages. Price not mentioned.

A World from Dust: How the Periodic Table Shaped Life, 2016. Ben McFarland. Oxford University Press, 198 Madison Avenue, New York, NY 10016, USA. xiv + 333 pages. US\$ 34.95.

60 Years of Yang-Mills Gauge Field Theories: C. N. Yang's Contribution to Physics, 2016. L. Brink and K. K. Phua (eds). World Scientific Publishing Co. Pte. Ltd, 5 Toh Tuck Link, Singapore 596224. xvii + 521 pages. US\$ 49.