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New Acquisitions List – July , August , and September 2009

Q 130 .G67 2009	Gornick, V. Women in Science: Then and Now
Q 172 .B36 2009	Banks, H.T., et al. Mathematical and Experimental Modeling of Physical and Biological Processes
QA 8.4.L586 2009	Livio, M. Is God a Mathematician?
QA 807 .F65 2005	Fowles, G. R. Analytical Mechanics
QB 981.R27 2001	Raine, D. J. An Introduction to the Science of Cosmology
QC 16.E5 A2 1987 v.12	Buchwald, D. K., et al., eds. The Collected Papers of Albert Einstein: Volume 12: The Berlin Years: Correspondence, January – December 1921
QC 21.3.T47 2006	Thornton, S. T., et al. Modern Physics for Scientists and Engineers 3 rd Edition
QC 52.L36 2008	Landau, R. A Survey of Computational Physics: Introductory Computational Science
QC 61 .H37 2001	Harris, J., et al. Handbook of Physics
QC 173.S477 v.61 2009	Ehrenreich, H., et al., eds. Solid State Physics Volume .61
QC 174 .4 .S35 2009	Schieve, W. C Quantum Statistical Mechanics
QC 174 .45 .W45 2007 v.1	Weinberg, S. The Quantum Theory of Fields Volume 1: Foundations
QC 174 .45 .W45 2007 v.2	Weinberg, S. The Quantum Theory of Fields Volume 2: Modern Applications
QC 174 .45 .W45 2007 v.3	Weinberg, S. The Quantum Theory of Fields Volume 3: Supersymmetry
QC 176.8.E4 M368 2008	Martin, R. M. Electronic Structure: Basic Theory and Practical Methods /
QC176.8.N35M35 2009	Gubin, S. P. Magnetic Nanoparticles
QC 176.8.N35 O95 2009	Ozin, G., et al. Nanochemistry: A Chemical Approach to Nanomaterials 2 nd Edition

QC 176 .8.E4 N398 2009	Nazarov, Y. V. Quantum Transport: Introduction to Nanoscience	
QC 176.8.O6 F69 2001	Fox, M. Optical Properties of Solids	
QC 176.8 .T8 Q83 2009	Allemann, R., et al., eds. Quantum Tunnelling in Enzyme-Catalyzed Reactions	
QC 254 .2 .B58 2006	Blundel, S. J., et al. Concepts in Thermal Physics	
QC 454.M3M353 2007	Hillenkamp, F., et al., eds MALDI MS : A Practical Guide to Instrumentation, Methods and Applications	
QC 770.N772 v.181-182	Bini, C. et al., eds. Nuclear Physics B: Proceedings Supplements: PHIPSI08: Proceedings of the Workshop on e^+e^- Collisions from ϕ to ψ Frascati (Rome), Italy 7-10 April 2008	
QC 770.N772 v.183	Blumlein, J. et al eds. Nuclear Physics B: Proceedings Supplements: Loops and Legs in Quantum Field Theory: Proceedings of the 9 th DESY Workshop on Elementary Particle Theory Sondershausen, Germany 20-25 April 2008	
QC 770.N772 v.184	Kapusta, F. , Editor. Nuclear Physics B: Proceedings Supplements: Photon 2007 Proceedings of the International Conference on the Structure and Interactions of the Photon, Including the 17 th International Workshop...	
QD 22.B215 A32 2008	Bader, A. Chemistry and Art: Further Adventure of a Chemist Collector	
QD 33 .2 .S55 2009	Silberberg, M. S. Chemistry: The Molecular Nature of Matter and Change	Fifth Edition
QD 79.C454 F53 2005	Flanagan, R.J., et al. Electrochemical Detection in HPLC Analysis of Drugs and Poisons	
QD 79.C454 L57 2009	Ferer, I., et al. Liquid Chromatography time-of-flight Mass Spectrometry: Principles, Tools, and Applications for Accurate Mass Analysis	
QD 95.S636 v.40 2009	Yarwood, J. ,e t al., eds. Spectroscopic Properties of Inorganic And Organometallic Compounds Techniques, Materials and Application Volume 40	
QD 96.A8 B37 2009	Andrade-Garda, J.M. , Editor. Basic Chemometric Techniques in Atomic Spectroscopy	
QD 262.E266 2009	Ballini, R. , Editor Eco-Friendly Synthesis of Fine Chemicals	
QD 262.H35 2010	Hegedus, L. S., et al., eds. Transition Metals in the Synthesis of Complex Organic Molecules Third Edition	
QD 321.AZ v.62 2009	Horton, D., et al., eds. Advances in Carbohydrate Chemistry and Biochemistry	Volume 62

QD 381.M625 2009	Sedzik, J. , et al., eds. Molecules: Nucleation, Aggregation and Crystallization: Beyond Medical and Other Implications
QD 381.9.S87 M36 2009	McPherson, A. Introduction to Macromolecular Crystallography Second Edition
QD 382.P64 .E97 2008	Brett, D. , et al., eds. Experimental Functional Map of a Polymer Electrolyte Fuel Cell
QD 431.S49 2009	Norbert, S. , et al., eds. Peptides: Chemistry and Biology: Second, Revised and Updated Edition
QD 453.3.K84 2009	Kuhn, H, et al., eds.. Principles of Physical Chemistry Second Edition
QD 476.A4 v.43 2009	Richard, J. P., Editor Advances in Physical Organic Chemistry Volume 43
QD 476.2.A44 2008	Allen, J. P. Biophysical Chemistry
QD 505.A28 2009	Bolm, C., et al., eds. Activating Unreactive Substrates: The Role of Secondary Interactions
QD 505.W35 2009	Walsh, P. J., et al., eds. Fundamentals of Asymmetric Catalysis
QD 506.F37 2009	Farias, R. Chemistry on Modified Oxide and Phosphate Surfaces: Fundamentals and Applications
QD 519.N55 2010	Ninfa, A. Biochemistry and Biotechnology
QD 544.K47 2009	Kerton, F.M. Alternative Solvents for Green Chemistry
QD 569.F84 2009	Koper, M. T. Fuel Cell Catalysis: A Surface Science Approach
QH 324.9.L37 L38 2004	Palumbo, G., et al.,eds. Lasers and Current Optical Techniques in Biology
QP 517.B53 B5435 2008	Bartlett, P. N., Editor Bioelectrochemistry: Fundamentals, Experimental Techniques and Applications
QP 519 .N55 2010	Ninfa, A. J., et al. Fundamental Laboratory Approaches for Biochemistry and Biotechnology Second Edition
QP 519.9.M64 P76 2008	Miller, L. W., et al., eds. Probes and Tags to study Biomolecular Function for Proteins: RNA, and Membranes
QP 551.095 2009	Buchner, J., et al., eds. Oxidative Folding of Peptides and Proteins

QP 551.P75673 2008	Westermeier, R., et al. Proteomics in Practice: A Guide to Successful Experimental Design Second, Completely Revised Edition
QP 551.P75685 2008	von Hagen, J., Editor Proteomics Sample Preparation
QP 552.M44 S865 2006	Grisshammer, R., et al., eds. Structural Biology of Membrane Proteins
QP 552.N37 P76 2008	Nothwang, H. G., et al., eds. Proteomics of the Nervous System
Ref. QP 601.C733 v.457 2009	Allison, W. S., et al., eds. Methods in Enzymology Volume 457: Mitochondrial Function Part B: Mitochondrial Protein Kinases, Protein Phosphatases and Mitochondrial Diseases
Ref. QP 601.C733 v.460 2009	Handel, T. M., et al., eds. Methods in Enzymology Volume 460: Chemokines, Part A
QP 601.E523 v.26	Menon, A., et al., eds. The Enzymes: Glycosylphosphatidylinositol (GPI) Anchoring of Proteins
QP 772.C9 E75 1982a	Erkol, A. Pulse Radiolysis Studies of the Vitamin B 12 System
TA 403.N3325 2009	Naumann, R. J. Introduction to the Physics and Chemistry of Materials
TA 418.76.S62 2009	Provdor, T., et al., eds. Smart Coatings II
TA 418.9.S62 S63 2009	Zhao, Y., et al., eds. Smart Light-Responsive Materials: Azobenzene-Containing Polymers and Liquid Crystals
TA 1530.N37 2009	Ohtsu, M., Editor Nanophotonics and Nanofabrication
TK 1041.Y36 2009	Yantovsky, E., et al. Zero Emissions Power Cycles
TP 155.7 .M38 2008	Corsano, G., et al. Mathematical Modeling Approaches for Optimization of Chemical Processes
REF. TP 156 .P83 A76 2009	Armarego, W. L. F., et al. Purification of Laboratory Chemicals Sixth Edition
TP 159.M4 M66 2009	Güell, C., et al., eds. Monitoring and Visualizing Membrane-Based Processes
TP 245.S5 P34 2009	Pagliaro, M. Silica-Based Materials for Advanced Chemical Applications