

Biomolecules (BIO2045M)

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- Berg, Jeremy M., Lubert Stryer, Gregory J. Gatto, John L. Tymoczko, and Gregory J. Gatto. 2015. *Biochemistry*. 8th ed. New York: W.H. Freeman.
- Bhutani, S. P. 2009. *Chemistry of Biomolecules*. New Delhi: Ane Books Pvt. Ltd.
- Bloomfield, V. A., Donald M. Crothers, and Ignacio Tinoco. 2000. *Nucleic Acids: Structures, Properties, and Functions*. Sausalito, Calif: University Science Books.
- Blow, D. M. 2002. *Outline of Crystallography for Biologists*. Oxford: Oxford University Press.
- Branden, Carl, and John Tooze. 1999. *Introduction to Protein Structure*. 2nd ed. New York: Garland Science.
- Buehler, Lukas K. 2016. *Cell Membranes*. New York: Garland Science.
- Cornish-Bowden, Athel. 2012. *Fundamentals of Enzyme Kinetics*. 4th, completely revised and greatly enlarged edition ed. Weinheim: Wiley-Blackwell.
- Davis, Benjamin G., and Antony J. Fairbanks. 2002. *Carbohydrate Chemistry*. Vol. Oxford chemistry primers. Oxford: Oxford University Press.
- Dobson, C. M., Juliet A. Gerrard, and A. J. Pratt. 2001. *Foundations of Chemical Biology*. Vol. Oxford chemistry primers. Oxford: Oxford University Press.
- Drenth, Jan, and Jeroen Mesters. 2010. *Principles of Protein X-Ray Crystallography*. Third edition. New York: Springer.
- Fersht, Alan. 1999. *Structure and Mechanism in Protein Science: A Guide to Enzyme Catalysis and Protein Folding*. New York: W. H. Freeman.
- Gèunther, H. 2013. *NMR Spectroscopy: Basic Principles, Concepts, and Applications in Chemistry*. Third, completely revised and updated edition. Weinheim, Germany: Wiley-VCH.
- Hammes, Gordon G. 2000. *Thermodynamics and Kinetics for the Biological Sciences*. New York: Wiley-Interscience.
- Jones, John. 2002. *Amino Acid and Peptide Synthesis*. Vol. Oxford chemistry primers. 2nd ed. Oxford: Oxford University Press.

- Keeler, James. 2010. *Understanding NMR Spectroscopy*. Second edition. Chichester: Wiley.
- Keller, Andreas, and Eckart Meese, eds. 2015. *Nucleic Acids as Molecular Diagnostics*. Weinheim, Germany: Wiley-VCH.
- Liljas, Anders. 2009. *Textbook of Structural Biology*. Hackensack, N.J.: World Scientific Publishing.
- Moran, Anthony P., Otto Holst, Patrick J. Brennan, and Mark von Itzstein. 2009. *Microbial Glycobiology: Structures, Relevance and Applications*. Amsterdam: Academic.
- Nelson, David L., Michael M. Cox, and Albert L. Lehninger. 2008. *Lehninger Principles of Biochemistry*. 5th ed. New York: W. H. Freeman.
- Papachristodoulou, Despo K., Alison Snape, William H. Elliott, and Daphne C. Elliott. 2014. *Biochemistry and Molecular Biology*. Fifth edition. Oxford: Oxford University Press.
- Patrick, Graham L. 2017. *An Introduction to Medicinal Chemistry*. Sixth edition. Oxford: Oxford University Press.
- Petsko, Gregory A., and Dagmar Ringe. 2009. *Protein Structure and Function*. Vol. Primers in biology. Oxford: Oxford University Press.
- Rhodes, Gale. 2006. *Crystallography Made Crystal Clear: A Guide for Users of Macromolecular Models*. 3rd ed. Amsterdam: Elsevier/Academic Press.
- Ridgway, Neale David, and Roger S. McLeod, eds. 2015. *Biochemistry of Lipids, Lipoproteins and Membranes*. Sixth edition. Amsterdam: Elsevier Science.
- Rupp, Bernhard. 2010. *Biomolecular Crystallography: Principles, Practice, and Application to Structural Biology*. New York: Garland Science.
- Taylor, Maureen E., and Kurt Drickamer. 2011. *Introduction to Glycobiology*. Third edition. Oxford: Oxford University Press.
- Varki, Ajit. 2009. *Essentials of Glycobiology*. Cold Spring Harbor, N.Y.: Cold Spring Harbor Laboratory Press.
- Voet, Donald, and Judith G. Voet. 2011. *Biochemistry*. 4th ed. Hoboken, N.J.: John Wiley.