

Biomolecules (BIO2045M)

[View Online](#)

-
1.
Berg JM, Stryer L, Gatto GJ, Tymoczko JL, Gatto GJ. Biochemistry. 8th ed. New York: W.H. Freeman; 2015.
 2.
Voet D, Voet JG. Biochemistry. 4th ed. Hoboken, N.J.: John Wiley; 2011.
 3.
Bhutani SP. Chemistry of biomolecules. New Delhi: Ane Books Pvt. Ltd; 2009.
 4.
Bloomfield VA, Crothers DM, Tinoco I. Nucleic acids: structures, properties, and functions. Sausalito, Calif: University Science Books; 2000.
 5.
Cornish-Bowden A. Fundamentals of enzyme kinetics [Internet]. 4th, completely revised and greatly enlarged edition ed. Weinheim: Wiley-Blackwell; 2012. Available from: <https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9783527665488>
 6.
Branden C, Tooze J. Introduction to protein structure. 2nd ed. New York: Garland Science; 1999.

7.

Buehler LK. Cell membranes. New York: Garland Science; 2016.

8.

Drenth J, Mesters J. Principles of protein X-ray crystallography [Internet]. Third edition. New York: Springer; 2010. Available from: <https://ebookcentral.proquest.com/lib/ulinc/detail.action?docID=6314854>

9.

Fersht A. Structure and mechanism in protein science: a guide to enzyme catalysis and protein folding. New York: W. H. Freeman; 1999.

10.

Gèunther H. NMR spectroscopy: basic principles, concepts, and applications in chemistry [Internet]. Third, completely revised and updated edition. Weinheim, Germany: Wiley-VCH; 2013. Available from: <https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9783527674756>

11.

Hammes GG. Thermodynamics and kinetics for the biological sciences. New York: Wiley-Interscience; 2000.

12.

Nelson DL, Cox MM, Lehninger AL. Lehninger principles of biochemistry. 5th ed. New York: W. H. Freeman; 2008.

13.

Patrick GL. An introduction to medicinal chemistry. Sixth edition. Oxford: Oxford University Press; 2017.

14.

Papachristodoulou DK, Snape A, Elliott WH, Elliott DC. Biochemistry and molecular biology. Fifth edition. Oxford: Oxford University Press; 2014.

15.

Rhodes G. Crystallography made crystal clear: a guide for users of macromolecular models [Internet]. 3rd ed. Amsterdam: Elsevier/Academic Press; 2006. Available from: <https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9780080455549>

16.

Varki A. Essentials of glycobiology [Internet]. Cold Spring Harbor, N.Y.: Cold Spring Harbor Laboratory Press; 2009. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK1908/>

17.

Blow DM. Outline of crystallography for biologists. Oxford: Oxford University Press; 2002.

18.

Taylor ME, Drickamer K. Introduction to glycobiology. Third edition. Oxford: Oxford University Press; 2011.

19.

Davis BG, Fairbanks AJ. Carbohydrate chemistry. Vol. Oxford chemistry primers. Oxford: Oxford University Press; 2002.

20.

Jones J. Amino acid and peptide synthesis. 2nd ed. Vol. Oxford chemistry primers. Oxford: Oxford University Press; 2002.

21.

Keeler J. Understanding NMR spectroscopy. Second edition. Chichester: Wiley; 2010.

22.

Keller A, Meese E, editors. Nucleic acids as molecular diagnostics [Internet]. Weinheim, Germany: Wiley-VCH; 2015. Available from:
<https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9783527672233>

23.

Liljas A. Textbook of structural biology. Hackensack, N.J.: World Scientific Publishing; 2009.

24.

Moran AP, Holst O, Brennan PJ, Itzstein M von. Microbial glycobiology: structures, relevance and applications [Internet]. Amsterdam: Academic; 2009. Available from:
<https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9780080923246>

25.

Petsko GA, Ringe D. Protein structure and function. Vol. Primers in biology. Oxford: Oxford University Press; 2009.

26.

Dobson CM, Gerrard JA, Pratt AJ. Foundations of chemical biology. Vol. Oxford chemistry primers. Oxford: Oxford University Press; 2001.

27.

Ridgway ND, McLeod RS, editors. Biochemistry of lipids, lipoproteins and membranes [Internet]. Sixth edition. Amsterdam: Elsevier Science; 2015. Available from:
<http://proxy.library.lincoln.ac.uk/login?url=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9780444634498>

28.

Rupp B. Biomolecular crystallography: principles, practice, and application to structural biology. New York: Garland Science; 2010.