

NS2103: Chemistry in Drug Design

View Online



Alberts, Bruce. 2015. *Molecular Biology of the Cell (Sixth Edition)*. Sixth edition. New York, NY: Garland Science, Taylor and Francis Group.

Anastas, Paul T., and Mary M. Kirchhoff. 2002. 'Origins, Current Status, and Future Challenges of Green Chemistry'. *Accounts of Chemical Research* 35(9):686–94. doi: 10.1021/ar010065m.

Anderson, Neal G. 2000. *Practical Process Research and Development*. San Diego, Calif: Academic Press.

Anon. n.d.-a. 'EPO - Espacenet'. Retrieved (<http://www.epo.org/searching/free/espacenet.html?hp=stages>).

Anon. n.d.-b. 'Lab Technique'. Retrieved (<http://orgchem.colorado.edu/Technique/Technique.html>).

Anon. n.d.-c. 'Simulation of Analytical Nuclear Magnetic Resonance (NMR) Principles'. Retrieved (<http://vam.anest.ufl.edu/forensic/nmr.html>).

Anon. n.d.-d. 'SpectraSchool – Enhancing the Teaching and Learning of Spectroscopy and Spectrometric Methods'. Retrieved (<http://www.rsc.org/learn-chemistry/collections/spectroscopy>).

Anon. n.d.-e. 'The Basics of NMR'. Retrieved (<http://www.cis.rit.edu/htbooks/nmr/inside.htm>).

Anon. n.d.-f. 'The Mechanism of Cisplatin'.

Atkins, P. W., and Julio De Paula. 2014. *Atkins' Physical Chemistry*. Tenth edition. Oxford, United Kingdom: Oxford University Press.

Atkins, P. W. and Shriver, D. F. 2010. *Shriver and Atkins' Inorganic Chemistry*. 5th ed. Oxford: Oxford University Press.

Averill, Bruce and Eldredge, Patricia. 2007. *Chemistry: Principles, Patterns, and Applications*. International ed. San Francisco, Calif: Pearson Benjamin Cummings.

Berg, Jeremy M., Tymoczko, John L., and Stryer, Lubert. 2011. *Biochemistry*. 7th ed. New York: W. H. Freeman.

Brooker, Robert J. 2010. *Biology*. 2nd ed. New York: McGraw-Hill Higher Education.

- Brown, Theodore L. 2012. *Chemistry: The Central Science*. 12th ed. Boston [Mass.]: Prentice Hall.
- Burrows, Andrew. 2009. *Chemistry3: Introducing Inorganic, Organic and Physical Chemistry*. Oxford: Oxford University Press.
- Carey, Francis A. and Giuliano, Robert M. 2011. *Organic Chemistry*. 8th ed. New York: McGraw-Hill Higher Education.
- Clark, James H. 2006. 'Green Chemistry: Today (and Tomorrow)'. *Green Chemistry* 8(1). doi: 10.1039/b516637n.
- Clayden, Jonathan, Greeves, Nick, and Warren, Stuart G. 2012. *Organic Chemistry*. 2nd ed. Oxford: Oxford University Press.
- Cotton, F. Albert and Cotton, F. Albert. 1999. *Advanced Inorganic Chemistry*. 6th ed. New York: Wiley.
- Fiorino, Tony. n.d. 'Industry, Clinical Trials, and the Cost of Cancer Drugs: An Investor's Perspective'.
- Greenwood, N. N. and Earnshaw, Alan (Alan). 1997. *Chemistry of the Elements*. 2nd ed. Oxford: Butterworth-Heinemann.
- Heaton, C. A. 1996. *An Introduction to Industrial Chemistry*. 3rd ed. Glasgow: Blackie.
- Housecroft, Catherine E. and Constable, Edwin C. 2010. *Chemistry: An Introduction to Organic, Inorganic and Physical Chemistry*. 4th ed. Harlow: Prentice Hall.
- Kent, James Albert and Riegel, Emil Raymond. 2007. *Kent and Riegel's Handbook of Industrial Chemistry and Biotechnology*. 11th ed. New York: Springer.
- Kirchhoff, Mary M. 2005. 'Promoting Sustainability through Green Chemistry'. *Resources, Conservation and Recycling* 44(3):237-43. doi: 10.1016/j.resconrec.2005.01.003.
- McMurry, John. 2011. *Organic Chemistry*. 8th ed. Belmont, Calif: Thomson-Brooks/Cole.
- Mestres, Ramon. 2004. 'A Brief Structured View of Green Chemistry Issues'. *Green Chemistry* 6(1). doi: 10.1039/b314467b.
- Murray, Robert K. and Harper, Harold A. 2009. *Harper's Illustrated Biochemistry*. 28th ed. New York, N.Y.: McGraw-Hill Medical.
- Nelson, David L., Cox, Michael M., and Lehninger, Albert L. 2013. *Lehninger Principles of Biochemistry*. 6th ed. New York, N.Y.: W.H. Freeman.
- Patrick, Graham L. 2013. *An Introduction to Medicinal Chemistry*. 5th ed. Oxford: Oxford University Press.
- Poliakoff, Martyn. 2002. 'Green Chemistry: Science and Politics of Change'. *Science* 297(5582):807-10.

Raven, Peter H., Johnson, George B., Mason, Kenneth A., Losos, Jonathan B., and Singer, Susan R. 2014. *Biology*. 10th ed. New York, NY: McGraw-Hill.

Reece, Jane B. and Campbell, Neil A. 2011. *Biology*. 9th ed. Boston: Pearson Education.

Williams, Dudley H and Fleming, Ian. 2008. *Spectroscopic Methods in Organic Chemistry*. 6th ed. London: McGraw-Hill Higher Education.

Winter, Mark J. 1994. *D-Block Chemistry*. Vol. Oxford chemistry primers. Oxford: Oxford University Press.

Zumdahl, Steven S. 2009. *Chemical Principles*. 6th ed. Belmont, Calif: Brooks/Cole.