

NS2103: Chemistry in Drug Design

View Online



1.
Alberts B. Molecular biology of the cell (Sixth edition). Sixth edition. New York, NY: Garland Science, Taylor and Francis Group; 2015.

2.
Atkins PW, De Paula J. Atkins' physical chemistry. Tenth edition. Oxford, United Kingdom: Oxford University Press; 2014.

3.
Burrows, Andrew. Chemistry3: introducing inorganic, organic and physical chemistry [Internet]. Oxford: Oxford University Press; 2009. Available from: <https://bibliu.com/app/#/view/books/9780192529893/epub/OEBPS/contents.html>

4.
Brown, Theodore L. Chemistry: the central science. 12th ed. Boston [Mass.]: Prentice Hall; 2012.

5.
Zumdahl, Steven S. Chemical principles [Internet]. 6th ed. Belmont, Calif: Brooks/Cole; 2009. Available from: http://le.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=5663963920002746&institutionId=2746&customerId=2745

- 6.

Averill, Bruce, Eldredge, Patricia. Chemistry: principles, patterns, and applications. International ed. San Francisco, Calif: Pearson Benjamin Cummings; 2007.

7.

Housecroft, Catherine E., Constable, Edwin C. Chemistry: an introduction to organic, inorganic and physical chemistry. 4th ed. Harlow: Prentice Hall; 2010.

8.

Clayden, Jonathan, Greeves, Nick, Warren, Stuart G. Organic chemistry [Internet]. 2nd ed. Oxford: Oxford University Press; 2012. Available from:
<https://bibliu.com/users/saml/samlLeicester?RelayState=eyJjdXN0b21fbGF1bmNoX3VybcI6liMvdmlldy9ib29rcy85NzgwMTkyNTE4NTQ1L2VwdWlvT0VCUFMvdG9jLmh0bWwifQ%3D%3D>

9.

McMurry, John. Organic chemistry [Internet]. 8th ed. Belmont, Calif: Thomson-Brooks/Cole; 2011. Available from:
http://le.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=5664140450002746&institutionId=2746&customerId=2745

10.

Carey, Francis A., Giuliano, Robert M. Organic chemistry. 8th ed. New York: McGraw-Hill Higher Education; 2011.

11.

Winter, Mark J. d-block chemistry. Oxford: Oxford University Press; 1994.

12.

Berg, Jeremy M., Tymoczko, John L., Stryer, Lubert. Biochemistry [Internet]. 7th ed. New York: W. H. Freeman; 2011. Available from:
<https://bibliu.com/users/saml/samlLeicester?RelayState=eyJjdXN0b21fbGF1bmNoX3VybcI6liMvdmlldy9ib29rcy85NzgwMzE5MjQ4MDYyL2VwdWlvT0VCUFMveGh0bWwvYmVvYXZk3ODEzMTkxMTQ2NzFfy29udGVudHMuaHRtbCJ9>

13.

Nelson, David L., Cox, Michael M., Lehninger, Albert L. Lehninger principles of biochemistry [Internet]. 6th ed. New York, N.Y.: W.H. Freeman; 2013. Available from: <https://bibliu.com/users/saml/samlLeicester?RelayState=eyJjdXN0b21fbGF1bmNoX3VybCI6liMvdmlldy9ib29rcy85NzgxMzE5MTUwODc3L2VwdWlvt0VCUFMveGh0bWwvbmVsXzk3ODE0NjQxODc5NTdfY29udC5odG1sIn0%3D>

14.

Murray, Robert K., Harper, Harold A. Harper's illustrated biochemistry [Internet]. 28th ed. New York, N.Y.: McGraw-Hill Medical; 2009. Available from: <https://ebookcentral.proquest.com/lib/leicester/detail.action?docID=4657718>

15.

Patrick, Graham L. An introduction to medicinal chemistry. 5th ed. Oxford: Oxford University Press; 2013.

16.

Reece, Jane B., Campbell, Neil A. Biology [Internet]. 9th ed. Boston: Pearson Education; 2011. Available from: http://le.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=5663610340002746&institutionId=2746&customerId=2745

17.

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

18.

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

19.

The Mechanism of Cisplatin [Internet]. Available from:

https://www.youtube.com/watch?v=Wq_up2uQRDo

20.

Atkins, P. W., Shriver, D. F. Shriver and Atkins' inorganic chemistry. 5th ed. Oxford: Oxford University Press; 2010.

21.

Anastas PT, Kirchhoff MM. Origins, Current Status, and Future Challenges of Green Chemistry. *Accounts of Chemical Research*. 2002 Sep;35(9):686–694.

22.

Kirchhoff MM. Promoting sustainability through green chemistry. *Resources, Conservation and Recycling*. 2005 Jun;44(3):237–243.

23.

Poliakoff, Martyn. Green Chemistry: Science and Politics of Change. *Science* [Internet]. American Association for the Advancement of Science; 2002 Aug 2;297(5582):807–810. Available from:

http://gl9sn3dh2u.search.serialssolutions.com/?ctx_ver=Z39.88-2004&ctx_enc=info%253Aofi%252Fenc%253AUTF-8&rft_id=info:sid/summon.serialssolutions.com&rft_val_fmt=info:ofi/fmt:kev:mtx:journal&rft.genre=article&rft.atitle=Green+Chemistry%253A+Science+and+Politics+of+Change&rft.jtitle=Science&rft.au=Poliakoff%252C+Martyn&rft.au=Fitzpatrick%252C+J.+Michael&rft.au=Farren%252C+Trevor+R&rft.au=Anastas%252C+Paul+T&rft.date=2002-08-02&rft.pub=American+Association+for+the+Advancement+of+Science&rft.issn=0036-8075&rft.eissn=1095-9203&rft.volume=297&rft.issue=5582&rft.spage=807&rft.epage=810&rft.externalDocID=10.2307%252F3831987¶mdict=en-US

24.

Fiorino T. Industry, Clinical Trials, and the Cost of Cancer Drugs: An Investor's Perspective [Internet]. Available from: <http://jco.ascopubs.org/content/25/19/e21.full>

25.

Mestres R. A brief structured view of green chemistry issues. *Green Chemistry*. 2004;6(1).

26.

Clark JH. Green chemistry: today (and tomorrow). *Green Chemistry*. 2006;8(1).

27.

Greenwood, N. N., Earnshaw, Alan (Alan). *Chemistry of the elements*. 2nd ed. Oxford: Butterworth-Heinemann; 1997.

28.

Cotton, F. Albert, Cotton, F. Albert. *Advanced inorganic chemistry*. 6th ed. New York: Wiley; 1999.

29.

Anderson, Neal G. *Practical process research and development* [Internet]. San Diego, Calif: Academic Press; 2000. Available from:
http://le.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=5663026230002746&institutionId=2746&customerId=2745

30.

Heaton, C. A. *An introduction to industrial chemistry*. 3rd ed. Glasgow: Blackie; 1996.

31.

Williams, Dudley H, Fleming, Ian. *Spectroscopic methods in organic chemistry*. 6th ed. London: McGraw-Hill Higher Education; 2008.

32.

Kent, James Albert, Riegel, Emil Raymond. *Kent and Riegel's handbook of industrial chemistry and biotechnology*. 11th ed. New York: Springer; 2007.

33.

Lab Technique [Internet]. Available from:
<http://orgchem.colorado.edu/Technique/Technique.html>

34.

The Basics of NMR [Internet]. Available from:
<http://www.cis.rit.edu/htbooks/nmr/inside.htm>

35.

Simulation of Analytical Nuclear Magnetic Resonance (NMR) Principles [Internet]. Available from: <http://vam.anest.ufl.edu/forensic/nmr.html>

36.

SpectraSchool – Enhancing the teaching and learning of spectroscopy and spectrometric methods [Internet]. Available from:
<http://www.rsc.org/learn-chemistry/collections/spectroscopy>

37.

EPO - Espacenet [Internet]. Available from:
<http://www.epo.org/searching/free/espacenet.html?hp=stages>