

CHEM3141: Inorganic Rings, Chains and Clusters

[View Online](#)

1

R. J. Gillespie, Chemical Society Reviews, , DOI:10.1039/cs9790800315.

2

J. D. Woollins, Non-metal rings, cages, and clusters, Wiley, Chichester, 1988.

3

N. N. Greenwood and A. Earnshaw, Chemistry of the elements, Butterworth-Heinemann, Oxford, 2nd ed., 1997.

4

R. West and F. G. A. Stone, Multiply bonded main group metals and metalloids, Academic Press, San Diego, 1996, vol. Advances in organometallic chemistry.

5

P. W. Atkins, Shriver & Atkins' inorganic chemistry, Oxford University Press, Oxford, 5th ed., 2010.

6

J. E. Huheey, E. A. Keiter and R. L. Keiter, Inorganic chemistry: principles of structure and reactivity, HarperCollins College Publishers, New York, NY, 4th ed., 1993.

7

K. Choy, Progress in Materials Science, 2003, **48**, 57–170.

8

F. A. Cotton, Advanced inorganic chemistry, Wiley, New York, 6th ed., 1999.

9

N. N. Greenwood and A. Earnshaw, Chemistry of the elements, Butterworth-Heinemann, Oxford, 2nd ed., 1997.

10

C. E. Housecroft, Metal-metal bonded carbonyl dimers and clusters, Oxford University Press, Oxford, 1996, vol. Oxford chemistry primers.

11

D. M. P. Mingos and D. J. Wales, Introduction to cluster chemistry, Prentice Hall, Englewood Cliffs, N.J., 1990, vol. Prentice Hall advanced reference series.

12

C. E. Housecroft, Boranes and metallaboranes: structure, bonding and reactivity, Ellis Horwood, Hemel Hempstead, 2nd ed., 1994, vol. Ellis Horwood series in inorganic chemistry.

13

D. F. Shriver, H. D. Kaesz and R. D. Adams, The Chemistry of metal cluster complexes, VCH, Cambridge, 1990.

14

S. M. Kauzlarich, Chemistry, structure, and bonding of Zintl phases and ions, VCH, New York, 1996, vol. The chemistry of metal clusters.

15

A. Falenty, T. C. Hansen and W. F. Kuhs, *Nature*, 2014, **516**, 231–233.

16

Y. Inokuma, S. Yoshioka, J. Ariyoshi, T. Arai, Y. Hitora, K. Takada, S. Matsunaga, K. Rissanen and M. Fujita, *Nature*, 2013, **495**, 461–466.

17

C. Perez, M. T. Muckle, D. P. Zaleski, N. A. Seifert, B. Temelso, G. C. Shields, Z. Kisiel and B. H. Pate, *Science*, 2012, **336**, 897–901.

18

M. Kawasumi, *Journal of Polymer Science Part A: Polymer Chemistry*, 2004, **42**, 819–824.

19

G. A. Ozin, A. C. Arsenault and L. Cademartiri, *Nanochemistry: a chemical approach to nanomaterials*, Royal Society of Chemistry, Cambridge, 2nd ed.

20

J. E. Huheey, E. A. Keiter and R. L. Keiter, *Inorganic chemistry: principles of structure and reactivity*, HarperCollins College Publishers, New York, NY, 4th ed., 1993.

21

C. N. R. Rao, A. Müller and A. K. Cheetham, *The chemistry of nanomaterials: synthesis, properties and applications*, Wiley-VCH, Weinheim, 2004.

22

M. De, P. S. Ghosh and V. M. Rotello, *Advanced Materials*, 2008, **20**, 4225–4241.

23

V. Wagner, A. Dullaart, A.-K. Bock and A. Zweck, *Nature Biotechnology*, 2006, **24**, 1211–1217.

24

L. Qu, L. Dai, M. Stone, Z. Xia and Z. L. Wang, *Science*, 2008, **322**, 238–242.

25

Y. Qin, X. Wang and Z. L. Wang, *Nature*, 2009, **457**, 340–340.

26

F. J. Feher and T. A. Budzichowski, *Polyhedron*, 1995, **14**, 3239–3253.

27

R. M. Ormerod, *Chemical Society Reviews*, 2003, **32**, 17–28.

28

D. Huber, *Small*, 2005, **1**, 482–501.

29

N. T. K. Thanh and L. A. W. Green, *Nano Today*, 2010, **5**, 213–230.

30

M. Bar-Sadan, I. Kaplan-Ashiri and R. Tenne, The European Physical Journal Special Topics, 2007, **149**, 71–101.

31

A. M. Smith and S. Nie, Accounts of Chemical Research, 2010, **43**, 190–200.

32

R. Tenne, Nature Nanotechnology, 2006, **1**, 103–111.