

RESEARCH PUBLICATIONS IAN G. DANCE

Reviews and chapters

- R1. The Structural Chemistry of Metal Thiolate Complexes. I.G. Dance, *Polyhedron Reports, Polyhedron*, 1986, **5**, 1037-1104.
- R2. Cages and Clusters. I.G. Dance, chapter 4 of *Comprehensive Coordination Chemistry*, editor G. Wilkinson, Pergamon Press, Oxford, 1988.
- R3. New Types of Helical Canal Inclusion Networks. R. Bishop and I.G. Dance. *Topics in Current Chemistry*, 1988, **149**, 137 - 188. [Molecular Inclusion Phenomena - Clathrates II, Editor: E. Weber.]
- R4. Metal-Thiolate Compounds. Structure and Dynamics of Metal-Thiolate and Metal-Sulfide-Thiolate Compounds. Ian Dance, Keith Fisher and Garry Lee, in *Metallothioneins, Synthesis, Structure, and Properties of Metallothioneins, Phytochelatins and Metal Thiolate Complexes*, eds M.J. Stillman, C. Frank Shaw III, K. Suzuki, VCH, 1992, p284-345.
- R5. Design, Synthesis and Structure of Alicyclic Diol Hosts. R. Bishop and I.G. Dance, *Inclusion Compounds*, vol. 4: Key Organic Host Systems, eds. J.L. Atwood, J.E.D. Davies and D.D. MacNicol, Oxford University Press, 1991, pp 1-26.
- R6. Buckminsterfullerene - Chemistry, Properties and Uses, M.A. Wilson, L.S.K. Pang, G.D. Willett, K.J. Fisher and I.G. Dance, *Carbon*, 1992, **30**, 675-693.
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- R11 Metal Chalcogenide Clusters, M_xE_y : Generation and Structure, Ian Dance and Keith Fisher, in *Soft Chemistry Routes to New Materials*, eds J. Rouxel, M. Tournoux and R. Brec, Trans Tech Publications, Switzerland, 1994
- R12 Supramolecular Inorganic Chemistry, Ian Dance, in *Perspectives in Supramolecular Chemistry*, edited by G. Desiraju, John Wiley, 1995, ch 5, pp 137-233.
- R13 Biogenic CdS Semiconductors, Charles T. Dameron and Ian G. Dance, in *Biomimetic Approaches in Materials Sciences*, ed S. Mann, VCH, 1995, chapter 3, 69-90.
- R14 Inorganic Chemistry: Frontiers and Future, I.G. Dance, *Journal and Proceedings of the Royal Society of NSW*, **128**, 131-140, 1995.
- R15 Computational Methods for Metal Sulfide Clusters, Ian Dance, in *Transition Metal Sulfur Chemistry: Biological and Industrial Significance*, Eds E.I. Stiefel and K. Matsumoto, ACS Symposium Series, **653**, 135-152 (1996).
- R16. π - π Interactions: theory and scope. Ian Dance, *Encyclopedia of Supramolecular Chemistry*, Marcel Dekker, New York, 2004, 1076-1092

- R17. Questions for crystal engineering of halocuprate complexes: concepts for a difficult system. Catrin Hasselgren Arnby, Susan Jagner, and Ian Dance, *CrystEngComm*. 2004, **6**, 257-275.

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15. Reactions of Dithiolene Complexes with Amines. I. Adducts of Iron and Cobalt Complexes, I.G. Dance and T.R. Miller, *Inorg.Chem.*, 1974, **13**, 525.
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