

PUBLICATIONS: W. CLEGG 1988

- 223.** Preparation and crystal structure of a novel lithium thiolate cluster: $[Li_{14}(SCH_2Ph)_{12}S(TMEDA)_6]$
A. J. Banister, W. Clegg and W. R. Gill.
J. Chem. Soc. Chem. Commun. 1988, 131–133.
- 224.** Structure of bis(tetraphenylphosphonium) tris[chlorocopper(I)]oxotriithiotungstate(VI)
W. Clegg, C. D. Scattergood and C. D. Garner.
Acta Cryst. 1988, **C44**, 29–31.
- 225.** Structure of *O*-benzyl-*N,N'*-diisopropyluronium trifluoromethanesulfonate
W. Clegg, S. P. Collingwood, S. M. Hodgson and B. T. Golding.
Acta Cryst. 1988, **C44**, 123–125.
- 226.** Structure of bis(tetraphenylphosphonium) tris[isothiocyanatocopper(I)]oxotriithiomolybdate(VI)
W. Clegg, A. Beheshti and C. D. Garner.
Acta Cryst. 1988, **C44**, 170–172.
- 227.** Structures of tetraphenylphosphonium bis(ethane-1,2-dithiolato)oxorhenium(V) and tetraphenylphosphonium bis(benzene-1,2-dithiolato)oxorhenium(V)
W. Clegg, S. Boyde and C. D. Garner.
Acta Cryst. 1988, **C44**, 172–174.
- 228.** Tetrakis(1-methylimidazoline-2-thione)- μ_2 -bis(1-methylimidazoline-2-thione)-dicopper(I) tetrafluoroborate: preparation, thermal analysis and crystal structure
E. S. Raper, J. R. Creighton, D. Robson, J. D. Wilson, W. Clegg and A. Milne.
Inorg. Chim. Acta 1988, **143**, 95–100.
- 229.** Syntheses and solid-state structures of trimeric dibenzylamidolithium and its diethyl ether and hexamethylphosphoramido dimeric complexes: an explanation of these structures and evidence for $Li \cdots CH$ interactions in both solid and solution phases
D. R. Armstrong, R. E. Mulvey, G. T. Walker, D. Barr, R. Snaith, W. Clegg and D. Reed.
J. Chem. Soc. Dalton Trans. 1988, 617–628.
- 230.** A Li_8 cluster of three edge-connected Li_4 tetrahedra held by $Li-N$, $Li \cdots C$, and $Li \cdots Li$ interactions: crystal structure of $(o-LiC_6H_4CH_2 \cdot NLi \cdot CH_2CH_2NMe_2)_4$ and detection of metal–metal coupling within it by ^{7}Li COSY N.M.R. spectroscopy
D. Barr, W. Clegg, S. M. Hodgson, R. E. Mulvey, D. Reed, R. Snaith and D. S. Wright.
J. Chem. Soc. Chem. Commun. 1988, 367–369.
- 231.** Structures of four complexes of copper with *N*-methylimidazole and chloro ligands
W. Clegg, J. R. Nicholson, D. Collison and C. D. Garner.
Acta Cryst. 1988, **C44**, 453–461.
- 232.** Structure of hexacarbonylbis(pentamethylcyclopentadienyl)dimolybdenum($Mo-Mo$)
W. Clegg, N. A. Compton, R. J. Errington and N. C. Norman.
Acta Cryst. 1988, **C44**, 568–570.
- 233.** Structure of bis(tetraethylammonium) [chlorotris{chlorocopper(I)}tetrathiorhenate(VII)]
W. Clegg, C. D. Garner and C. D. Scattergood.
Acta Cryst. 1988, **C44**, 753–755.

- 234.** Sterically crowded cyclohexanes - 8. Synthesis, crystal structure, conformation and dynamics of pentaspiro[2.0.2.0.2.0.2.0.2.1]hexadecane, pentaspiro[3.0.2.0.3.0.2.0.3.1]nonadecane and pentaspiro[3.0.3.0.3.0.3.0.3.1]heneicosane
L. Fitjer, U. Klages, D. Wehle, M. Giersig, N. Schormann, W. Clegg, D. S. Stephenson and G. Binsch.
Tetrahedron 1988, **44**, 405–416.
- 235.** Polyspiranes, 14. - Cascade Rearrangements, 9. - Fivefold cyclobutylmethyl-cyclopentyl rearrangement in a pentaspiro[3.0.3.0.3.0.3.0.3.1]henicosanol – a key sequence for the synthesis of [6.5]coronane
M. Giersig, D. Wehle, L. Fitjer, N. Schormann and W. Clegg.
Chem. Ber. 1988, **121**, 525–531.
- 236.** The stereo- and regio-chemistry of two cyclopropene–cyclopropene ene-reactions
M. S. Baird, H. H. Hussain and W. Clegg.
J. Chem. Res. (S) 1988, 110–111.
J. Chem. Res. (M) 1988, 1101–1113.
- 237.** Synthesis and structural characterisation of some cyclopentadienyliron–bismuth complexes
W. Clegg, N. A. Compton, R. J. Errington and N. C. Norman.
J. Chem. Soc. Dalton Trans. 1988, 1671–1678.
- 238.** Zinc carboxylate complexes: structural characterization of the mixed-metal linear trinuclear complexes $MZn_2(\text{crot})_6(\text{base})_2$ ($M = \text{Mn, Co, Ni, Zn, Cd, Mg, Ca, Sr}$; $\text{crot}^- = \text{crotonate}(1-)$; base = quinoline, 6-methylquinoline)
W. Clegg, I. R. Little and B. P. Straughan.
Inorg. Chem. 1988, **27**, 1916–1923.
- 239.** Structural study of compounds containing bonds between transition metals and heavy main group metals
W. Clegg.
Z. Krist. 1988, **322**, 322.
- 240.** Structural studies of Li–N compounds
S. M. Hodgson and W. Clegg.
Z. Krist. 1988, **322**, 349.
- 241.** Structural studies of organomolybdenum complexes containing indium
L. M. Clarkson, W. Clegg, N. C. Norman, A. J. Tucker and P. M. Webster.
Inorg. Chem. 1988, **27**, 2653–2660.
- 242.** Measuring and correcting single crystal data
W. Clegg.
'Summerschool on Crystallography and its Teaching', ed. Miao Fang-Ming, Tianjin Normal University, China 1988, 1–15.
- 243.** Graphical representation of molecules
W. Clegg.
'Summerschool on Crystallography and its Teaching', ed. Miao Fang-Ming, Tianjin Normal University, China 1988, 223–232.
- 244.** Diastereoselective, silver(I)-catalysed cyclisations of acetylenic isoureas to oxazolidines and oxazines; acetic acid-induced conversion of the alkylidene-oxazines to 2-N-substituted (1*Z*,3*E*)-dienes
W. Clegg, S. P. Collingwood, B. T. Golding and S. M. Hodgson.
J. Chem. Soc. Chem. Commun. 1988, 1175–1176.

- 245.** Preparation, spectroscopy and crystal structure of a novel tetranuclear copper(I) benzimidazoline-2-thione complex: *cyclo-hexakis- μ_2 -(benzimidazoline-2-thione) tetrakis[benzimidazoline-2-thione copper(I)] perchlorate quatrodeca hydrate*
E. S. Raper, J. R. Creighton, J. D. Wilson, W. Clegg and A. Milne.
Inorg. Chim. Acta 1988, **149**, 265–271.
- 246.** Preparation of 1-phenylsulphonyl-1-phenylthio epoxides: convenient precursors to α -halo S-phenyl thio esters
C. T. Hewkin, R. F. W. Jackson and W. Clegg.
Tet. Letters 1988, **29**, 4889–4892.
- 247.** A mild, phosphine-assisted synthesis of $(\eta\text{-C}_5\text{Me}_5)\text{Ta}(\text{CO})_4$. Isolation and crystal structure of intermediate $(\eta\text{-C}_5\text{Me}_5)\text{TaCl}_2(\text{CO})_2(\text{PMe}_3)$
V. C. Gibson, T. P. Kee and W. Clegg.
J. Organomet. Chem. 1988, **353**, C23–C26.
- 248.** Oligomeric iminolithium and amidolithium compounds: comments on previously reported theoretical calculations and experimentally determined structures
W. Clegg, R. Snaith and K. Wade.
Inorg. Chem. 1988, **27**, 3861–3862.
- 249.** Synthesis and structures of phosphinidene and phosphido complexes of iron and cobalt
A. M. Arif, A. H. Cowley, M. Pakulski, M.-A. Pearsall, W. Clegg, N. C. Norman and A. G. Orpen.
J. Chem. Soc. Dalton Trans. 1988, 2713–2721.
- 250.** Synthesis and X-ray crystal structure of a dimolybdenum complex featuring a transverse-bridging, four-electron-donor dibismuth ligand; $[\text{Mo}_2(\text{CO})_4(\eta\text{-C}_5\text{H}_4\text{Me})_2(\mu\text{-}\eta^2\text{-Bi}_2)]$
W. Clegg, N. A. Compton, R. J. Errington and N. C. Norman.
Polyhedron 1988, **7**, 2239–2241.
- 251.** The stereoselectivity of ring-opening of 3-substituted cyclopropenes and intermolecular trapping of derived vinylcarbenes
J.Al-Dulayymi, M. S. Baird and W. Clegg.
Tet. Letters 1988, **29**, 6149–6152.
- 252.** Synthetic and structural studies on organomolybdenum and organotungsten complexes containing bismuth. X-ray crystal structures of $[\text{BiCl}\{\text{Mo}(\text{CO})_3(\eta\text{-C}_5\text{H}_5)\}_2]$ and $[\text{BiCl}\{\text{Mo}(\text{CO})_2(\text{CNBu}^\ddagger)(\eta\text{-C}_5\text{H}_5)\}_2]$
W. Clegg, N. A. Compton, R. J. Errington, N. C. Norman and A. J. Tucker.
J. Chem. Soc. Dalton Trans. 1988, 2941–2951.
- 253.** Iron(II) complexes of imidazoline-2-thiones: the crystal structure of dichlorobis(1-methylimidazoline-2-thione)iron(II)
E. S. Raper, P. Carty, J. R. Creighton, A. Miller and W. Clegg.
Transition Met. Chem. 1988, **13**, 356–360.