

George M. Sheldrick: Publications list.

German titles have been translated into English.

1. Vibrational spectra of trisilylphosphine. Davidson, G., Ebsworth, E.A.V., Sheldrick, G.M. & Woodward, L.A. *Chem. Commun.* (1965) 122-123.
2. Chemical shift of the hydroxide ion. Sheldrick, G.M. *Chem. Commun.* (1966) 673-674.
3. Fermi resonance in BF_3 . Sheldrick, G.M. *J. Mol. Spectr.* **20** (1966) 295-296.
4. Vibrational spectra and structure of trisilylphosphine and trisilylphosphine- d_9 . Davidson, G., Ebsworth, E.A.V., Sheldrick, G.M. & Woodward, L.A. *Spectrochim. Acta A22* (1966) 67-76.
5. N.M.R. spectra of silicon hydride derivatives. Group V trisilyls. Ebsworth, E.A.V. & Sheldrick, G.M. *Trans. Faraday Soc.* **62** (1966) 3282-3286.
6. Crystal and molecular structure of mercury cobalt carbonyl. Sheldrick, G.M. & Simpson, R.N.F. *Chem. Commun.* (1967) 1015.
7. Nuclear magnetic resonance spectra of some hydride-anions. Sheldrick, G.M. *Trans. Faraday Soc.* **63** (1967) 1065-1070.
8. N.M.R. spectra of phosphine, arsine, and stibine. Ebsworth, E.A.V. & Sheldrick, G.M. *Trans. Faraday Soc.* **63** (1967) 1071-1076.
9. Second moment of the broad-line nuclear magnetic resonance absorption of a proton bonded to a quadrupolar nucleus. Sheldrick, G.M. *Mol. Phys.* **13** (1967) 399-400.
10. Determination of accurate unit-cell dimensions from inclined Weissenberg photographs. Alcock, N.W. & Sheldrick, G.M. *Acta Crystallogr.* **23** (1967) 35-38.
11. Molecular structures of $(\text{SiH}_3)_3\text{P}$ and $(\text{SiH}_3)_3\text{As}$. Beagley, B., Robiette, A.G. & Sheldrick, G.M. *Chem. Commun.* (1967) 601-602.
12. Metal-hydrogen bond lengths in pentacarbonyl manganese hydride and tetracarbonyl cobalt hydride. Sheldrick, G.M. *Chem. Commun.* (1967) 751-752.
13. Vibrational spectra and structure of trisilylarsine and trisilylstilbine. Davidson, G., Woodward, L.A., Ebsworth, E.A.V. & Sheldrick, G.M. *Spectrochim. Acta A23* (1967) 2609-2616.
14. Typical elements. Downs, A.J., Sheldrick, G.M. & Turner, J.J. *Annu. Rep. Progr. Chem.* **64** (1967) 219-282.
15. N.M.R. Study of the protonation of phosphine, hypophosphorous acid, and orthophosphorous acid. Sheldrick, G.M. *Trans. Faraday Soc.* **63** (1967) 1077-1082.

16. Crystal and molecular structure of bis(tetracarbonylcoalt)mercury. Sheldrick, G.M. & Simpson, R.N.F. *J. Chem. Soc. A* (1968) 1005-1009.
17. Nuclear magnetic resonance studies of mixed dihalogenosilanes and related species. Ebsworth, E.A.V., Lee, A.G. & Sheldrick, G.M. *J. Chem. Soc. A* (1968) 2294-2297.
18. Electron diffraction determination of the molecular structure of silylcoalt tetracarbonyl in the gas phase. Robiette, A.G., Sheldrick, G.M., Simpson, R.N.F., Aylett, B.J. & Campbell, J.A. *J. Organometal. Chem.* **14** (1968) 279-283.
19. Preparation and properties of trigermyl-arsine and -stibine. Ebsworth, E.A.V., Rankin, D.W.H. & Sheldrick, G.M. *J. Chem. Soc. A* (1968) 2828-2830.
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21. The conformation of three disilazanes. Robiette, A.G., Sheldrick, G.M., Sheldrick, W.S., Beagley, B., Cruickshank, D.W.J., Monaghan, J.J., Aylett, B.J. & Ellis, I.A. *Chem. Commun.* (1968) 909-910.
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23. Electron diffraction study of the molecular structure of trisilylarsine. Beagley, B., Robiette, A.G. & Sheldrick, G.M. *J. Chem. Soc. A* (1968) 3006-3008.
24. Preparation and properties of the methylsilylphosphines. Crosbie, K.D., Glidewell, C. & Sheldrick, G.M. *J. Chem. Soc. A* (1969) 1861-1864.
25. N.M.R. studies of mixed Group IV/Group VI hydrides. Glidewell, C., Rankin, D.W.H. & Sheldrick, G.M. *Trans. Faraday Soc.* **65** (1969) 1409-1412.
26. Proton magnetic resonance studies of tris(trimethylsilyl)thallium. Lee, A.G. & Sheldrick, G.M. *J. Chem. Soc. A* (1969) 1055-1057.
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30. Crystal and molecular structure of trimethylsilyl perrhenate, $\text{Me}_3\text{SiOReO}_3$. Sheldrick, G.M. & Sheldrick, W.S. *J. Chem. Soc. A* (1969) 2160-2163.

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33. Electron diffraction determination of the molecular structure of manganese pentacarbonyl hydride in the vapor phase. Robiette, A.G., Sheldrick, G.M. & Simpson, R.N.F. *J. Mol. Struct.* **4** (1969) 221-231.
34. Molecular structures of digermyl ether and digermyl sulfide. Glidewell, C., Rankin, D.W.H., Robiette, A.G., Sheldrick, G.M., Cradock, S., Ebsworth, E.A.V. & Beagley, B. *Inorg. Nucl. Chem. Lett.* **5** (1969) 417-419.
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39. Cyclopentadienyldimethylthallium. Lee, A.G. & Sheldrick, G.M. *J. Chem. Soc. D* (1969) 441-442.
40. Preparation and properties of mono- and disilylphosphine and mono- and disilylarsine. Glidewell, C. & Sheldrick, G.M. *J. Chem. Soc. A* (1969) 350-351.
41. Reactions of trisilylphosphine. Ebsworth, E.A.V., Glidewell, C. & Sheldrick, G.M. *J. Chem. Soc. A* (1969) 352-353.
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66. Heteronuclear double resonance studies of trisilylphosphine and trisilylstibine. Crosbie, K.D. & Sheldrick, G.M. *Mol. Phys.* **20** (1971) 317-320.
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