

Prof. Claudio Zannoni
Full List of Publications – August 2018

1. **G.F. Pedulli, C. Zannoni, A. Alberti**, Molecular deformations induced by liquid crystalline solvents, *J. Mag. Res.*, **10**, 372 - 379 (1973).
2. **G.R. Luckhurst, M. Setaka, C. Zannoni**, An electron resonance investigation of molecular motion in the smectic A mesophase of a liquid crystal, *Mol. Phys.*, **28**, 49 – 68 (1974).
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4. **G.R. Luckhurst, R. Poupko, C. Zannoni**, Spin relaxation for biradical spin probes in anisotropic environments, *Mol. Phys.*, **30**, 499 - 515 (1975).
5. **G.R. Luckhurst, C. Zannoni, P.L. Nordio, U. Segre**, A molecular field theory for uniaxial nematic liquid crystals formed by non- cylindrically symmetric molecules, *Mol. Phys.*, **30**, 1345 - 1358 (1975).
6. **S.G. Carr, S.K. Khoo, G.R. Luckhurst, C. Zannoni**, On the ordering matrix of the spin probe (3-spiro (2'-N-oxyl-3';3'- dimethyloxazolidine- 5 α cholestane in the nematic mesophase of 4;4'-dimethoxyazoxybenzene, *Mol. Cryst. Liq. Cryst.*, **35**, 7 - 13 (1976).
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8. **A. Hudson, M.F. Lappert, J.J. MacQuitty, B.K. Nicholson, H. Zainal, G.R. Luckhurst, C. Zannoni, S.W. Bratt, M.C.R. Symons**, Definitive evidence that the ESR spectrum observed during photolysis of Mn₂(CO)₁₀ in THF is due to octahedral high spin (d⁵) Manganese (II). *J. Organometall. Chem.*, **110 C**, 5 - 8 (1976).
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13. **A. Spisni, L. Masotti, G. Lenaz, E. Bertoli, G.F. Pedulli, C. Zannoni**, Interaction between ubiquinones and phospholipid bilayers. A spin label study, *Archives Biochem. Biophys.*, **190**, 454 - 458 (1978).
14. **G.F. Pedulli, C. Zannoni**, TCNE-: an anionic spin probe for the study of polar anisotropic systems, *Mol. Cryst. Liq. Cryst. Lett.*, **41**, 275 - 280 (1978).
15. **C. Zannoni**, Distribution functions and order parameters, *The Molecular Physics of Liquid Crystals*, G.R. Luckhurst and G.W. Gray eds., Academic Press, 51 - 83 (1979).
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