

Mary Anne White Research Publications (Prior to 2000):

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84. Thermal conductivity of crystalline particulate materials. V.V. Murashov and M.A. White*. *Journal of Materials Science* 35, 649-653 (2000).
83. Why is there no low-temperature phase transition in NaOH? P.W.R. Bessonette and M.A. White*. *Journal of Chemical Physics*, 110, 3919-3925 (1999).
82. Apparatus for dynamical thermal measurements of low-thermal diffusivity materials and sub-ambient temperatures. V.V. Murashov and M.A. White*. *Review of Scientific Instruments*, 69, 4198-4204 (1998).
81. Automated, low-temperature dielectric relaxation apparatus for measurement of air-sensitive powdered samples. P.W.R. Bessonette and M.A. White*. *Review of Scientific Instruments* 70, 3113-3114 (1999).
80. Destruction of the Urea Host Lattice by the Photochemical Fragmentation of Molecular Guests. K.C. Smith, J.A. Pincock and M.A. White*. *The Chemistry of Materials* 10, 3626-3629 (1998).
79. Origins of Thermodynamic Stability of Urea:Alkane Inclusion Compounds. M.A. White. *Canadian Journal of Chemistry*, 76, 1695-1698 (1998).
78. Thermodynamic Studies of Two Different Inclusion Compounds with the Same Guest: Toward a General Understanding of Melting Behavior in Binary Compounds. M.A. White* and R.S. Harnish. *The Chemistry of Materials*, 10, 833-839 (1998).
77. Exploding xenoliths and the absence of "elephants' graveyards" in granite batholiths. D.B. Clarke*, A.S. Henry and M.A. White. *Journal of Structural Geology* 20, 1325-1343 (1998).
76. Thermal conductivity of an organic clathrate: Possible generality of glass-like thermal conductivity in crystalline molecular solids. D. Michalski and M.A. White*, *Journal of Chemical Physics* 106, 6202-6203 (1997).
75. Realistic Thermodynamic Curves Describing a Second-Order Phase Transition. P.W.R. Bessonette and M.A. White*, *Journal of Chemical Education*, 76, 220-223 (1999).

74. Thermal Properties of Materials. M.A. White, NATO ASI "Crystal Engineering: The design and application of functional solids", K.R. Seddon and M. Zaworotko, Eds., Kluwer, 1999, pp. 273-287.
73. Thermal Properties of Solids: Étude in three-part anharmonicity. M.A. White, *Canadian Journal of Chemistry* 74, 1916-1921 (1996). Invited review article for Noranda Award.
72. Thermal analysis and calorimetry methods. M.A. White, Chapter 4 in Volume 8 ("Physical Methods in Supramolecular Chemistry", Eds. J. Ripmeester and J.E. Davies) of "Comprehensive Supramolecular Chemistry", Eds. J.-M. Lehn, J.L. Atwood, D.D. MacNicol, J.E.D. Davies and F. Vögtle, Pergamon Press (1996), pp. 179-223.
71. Additivity of guest and host properties in clathrates: a thermodynamic and Raman spectroscopic investigation of HPTB-based solids. D. Michalski, R.T. Perry and M.A. White*, *Journal of Physics: Condensed Matter* 8, 1647-1661 (1996).
70. A Thermodynamic Investigation of Dynamical Disorder in Phase II of CBr₄. D. Michalski and M.A. White*, *The Journal of Chemical Physics* 103, 6173-6176 (1995).
69. Photoacoustic investigation of the temperature and magnetic field dependence of the specific heat capacity and thermal conductivity near the Curie point of gadolinium. C. Glorieux, J. Thoen*, G. Bednarz, M.A. White and D.J.W. Geldart, *Physical Review B* 52, 12770-12778 (1995).
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