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(Publications from the Microcalorimetry Research Center)

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- O-1 Calorimetric Study of the Effect of Interchain Cross-linking on Lysozyme Unfolding
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- O-2 Calorimetry at Very Low Temperature : Magnetic Phase Transition of the Five-coordinated Copper(II) Complex, Cu(L-isoleucine)₂(H₂O)
T. Wakamatsu, T. Hashiguchi, M. Nakano, M. Sorai, H. Suga and Zhi-cheng Tan, *Chinese Sci. Bull.*, **34**, 1795–1800 (1989).
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- O-3 Effect of Hydrostatic Pressure on the Swelling of *n*-Butylammonium Vermiculite
M. V. Smalley, R. K. Thomas, L. F. Braganza and T. Matsuo, *Clays and Clay Minerals*, **37**, 474–478 (1989).
- O-4 Heat Capacity and Phase Transition of the Mixed-valence Compound
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- O-5 Heat Capacity Study of the Abrupt Valence-detraping Phase Transition of Mixed-valence [Mn₃O(O₂CCH₃)₆(py)₃] py
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- O-6 Lattice-engineered Micromodulation of Intramolecular Electron-transfer Rates in Trinuclear Mixed-valence Iron Acetate Complexes
H. G. Jang, S. J. Geib, Y. Kaneko, M. Nakano, M. Sorai, A. L. Rheingold, B. Montez and D. N. Hendrickson, *J. Am. Chem. Soc.*, **111**, 173–186 (1989).
- O-7 Highly Cooperative Valence Detrapping of Mixed-valence [Mn₃O(O₂CCH₃)₆(py)₃] (py) in the Solid State
H. G. Jang, J. B. Vincent, M. Nakano, J. C. Huffman, G. Christou, M. Sorai,

R. J. Wittebort and D. N. Hendrickson, *J. Am. Chem. Soc.*, **111**, 7778–7784 (1989).

- O – 8 Standard Enthalpies of Formation of Trimethyl Cyanurate, Malonamide, and 1, 3-Dimethyluracil
A. Imamura, K. Takahashi, S. Murata and M. Sakiyama, *J. Chem. Thermodyn.*, **21**, 237-246 (1989).
- O – 9 Standard Enthalpy of Formation of 2-Chloro-6-(trichloromethyl)pyridine
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- O – 10 Heat Capacity, Thermodynamic Properties, and Transitions of Silver Iodide
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- O – 11 Low-temperature Heat Capacities of Xenon and Krypton Clathrate Hydrates
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- O – 12 Heat Capacity of a Five-coordinated Iron(III) Complex with Spin $S = 3/2$, Bromobis(*N, N*-dimethyldithiocarbamate)Iron(III), between 0.4 and 300K :
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- O – 14 Calorimetric Study of Thiophene-benzene Solutions (I)
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- O – 15 Neutron Scattering Studies on the Hydroquinone Clathrate Compound of Deuterium Sulphide
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- O – 16 Ordered and Disordered Structures of $(\text{CD}_3\text{ND}_3\text{ND}_3)_2[\text{SnCl}_6]$
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- O-18 Doping Effect of Benzene on Phase Transitions of Thiophene
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- O-19 Dielectric Study of Crystalline Thiophene
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- O-20 Thermodynamic Study on Camphor Crystals
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- O-21 The Heat Capacity of the Metal Hydride TaD_{0.5} between 10 and 550K
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- O-22 Thermoanalytical Characterization of 1,3-Dimethyluracil and Malonamide Crystals
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- R-1 Thermodynamic Studies of Clathrate Hydrates
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