

Author Index to Volume 64

- Ackers, G.K. and Bolen, D.W.
The Gibbs conference on biothermodynamics: Origins and evolution (64) 3
- Ackers, G.K., see Doyle, M.L. (64) 271
- Ackers, G.K., see Huang, Y. (64) 157
- Allewell, N.M., see LiCata, V.J. (64) 225
- Barany, G., see Barbar, E. (64) 45
- Barbar, E., LiCata, V.J., Barany, G. and Woodward, C.
Local fluctuations and global unfolding of partially folded BPTI detected by NMR (64) 45
- Beretta, S., see Gryczynski, Z. (64) 81
- Bloomfield, V.A., see Rouzina, I. (64) 139
- Bolen, D.W., see Ackers, G.K. (64) 3
- Bucci, E., see Gryczynski, Z. (64) 81
- Bujalowski, W., see Jezewska, M.J. (64) 253
- Cai, G.-Z., Callaci, T.P., Luther, M.A. and Ching Lee, J.
Regulation of rabbit muscle phosphofructokinase by phosphorylation (64) 199
- Callaci, T.P., see Cai, G.-Z. (64) 199
- Chaiken, I.M., see Myska, D.G. (64) 127
- Chaires, J.B.
Possible origin of differences between van't Hoff and calorimetric enthalpy estimates (64) 15
- Ching Lee, J., see Cai, G.-Z. (64) 199
- DeKoster, G.T. and Robertson, A.D.
Calorimetrically-derived parameters for protein interactions with urea and guanidine-HCl are not consistent with denaturation *m* values (64) 59
- Di Cera, E., see Guinto, E.R. (64) 103
- Doyle, M.L., Holt, J.M. and Ackers, G.K.
Effects of NaCl on the linkages between O₂ binding and subunit assembly in human hemoglobin: titration of the quaternary enhancement effect (64) 271
- Doyle, M.L., see Myska, D.G. (64) 127
- Dwyer, J.J., see García-Moreno E., B. (64) 211
- Eftink, M.R. and Ionescu, R.
Thermodynamics of protein unfolding: questions pertinent to testing the validity of the two-state model (64) 175
- Fang, J., see Ferrari, M.E. (64) 235
- Ferrari, M.E., Fang, J. and Lohman, T.M.
A mutation in *E. coli* SSB protein (W54S) alters intra-tetramer negative cooperativity and inter-tetramer positive cooperativity for single-stranded DNA binding (64) 235
- Freire, E., see Hilser, V.J. (64) 69
- García-Moreno E., B., Dwyer, J.J., Gittis, A.G., Lattman, E.E., Spencer, D.S. and Stites, W.E.
Experimental measurement of the effective dielectric in the hydrophobic core of a protein (64) 211
- Gittis, A.G., see García-Moreno E., B. (64) 211
- Gryczynski, I., see Gryczynski, Z. (64) 81
- Gryczynski, Z., Beretta, S., Lubkowski, J., Razynska, A., Gryczynski, I. and Bucci, E.
Time-resolved fluorescence of hemoglobin species (64) 81
- Guinto, E.R. and Di Cera, E.
Critical role of W60d in thrombin allostereism (64) 103
- Hall, K.B., see Lu, J. (64) 111
- Hilser, V.J., Townsend, B.D. and Freire, E.
Structure-based statistical thermodynamic analysis of T4 lysozyme mutants: structural mapping of cooperative interactions (64) 69
- Holt, J.M., see Doyle, M.L. (64) 271
- Huang, Y., Koestner, M.L. and Ackers, G.K.
Tertiary and quaternary chloride effects of the partially ligated (CN-met) hemoglobin intermediates (64) 157
- Ionescu, R., see Eftink, M.R. (64) 175
- Jezewska, M.J. and Bujalowski, W.
Quantitative analysis of ligand-macromolecule interactions using differential dynamic quenching of the ligand fluorescence to monitor the binding (64) 253
- Koestner, M.L., see Huang, Y. (64) 157
- Lattman, E.E., see García-Moreno E., B. (64) 211
- LiCata, V.J. and Allewell, N.M.
Is substrate inhibition a consequence of allostery in aspartate transcarbamylase? (64) 225
- LiCata, V.J., see Barbar, E. (64) 45
- Liu, Y. and Sturtevant, J.M.
Significant discrepancies between van't Hoff and calorimetric enthalpies. III (64) 121

Lohman, T.M., see Ferrari, M.E. (64) 235

Lopez, M.M., see Makhatadze, G.I. (64) 93

Lu, J. and Hall, K.B.

Thermal unfolding of the N-terminal RNA binding domain of the human U1A protein studied by differential scanning calorimetry (64) 111

Lubkowski, J., see Gryczynski, Z. (64) 81

Luther, M.A., see Cai, G.-Z. (64) 199

Makhatadze, G.I., Lopez, M.M. and Privalov, P.L.

Heat capacities of protein functional groups (64) 93

Morton, T.A., see Myszka, D.G. (64) 127

Myszka, D.G., Morton, T.A., Doyle, M.L. and Chaiken, I.M.

Kinetic analysis of a protein antigen–antibody interaction limited by mass transport on an optical biosensor (64) 127

Privalov, P.L., see Makhatadze, G.I. (64) 93

Razynska, A., see Gryczynski, Z. (64) 81

Robertson, A.D., see DeKoster, G.T. (64) 59

Rouzina, I. and Bloomfield, V.A.

Competitive electrostatic binding of charged ligands to polyelectrolytes: practical approach using the non-linear Poisson–Boltzmann equation (64) 139

Schellman, J.A.

Thermodynamics, molecules and the Gibbs conference (64) 7

Spencer, D.S., see García-Moreno E., B. (64) 211

Stites, W.E., see García-Moreno E., B. (64) 211

Sturtevant, J.M., see Liu, Y. (64) 121

Timasheff, S.N., see Xie, G. (64) 25

Townsend, B.D., see Hilser, V.J. (64) 69

Woodward, C., see Barbar, E. (64) 45

Xie, G. and Timasheff, S.N.

The thermodynamic mechanism of protein stabilization by trehalose (64) 25