

AUTHOR INDEX TO VOLUME 4

Ackermann, T., see P.W. Nolden	4 (1976) 297
Ackers, G.K., E.E. Brumbaugh, S.H.C. Ip and H.R. Halvorson, Equilibrium gel permeation: A single-photon counting spectrophotometer for studies of protein interaction	4 (1976) 171
Adams Jr., E.T., see J.L. Sarquis	4 (1976) 181
Alpert, S.S. and G. Banks, The concentration dependence of the hemoglobin mutual diffusion coefficient	4 (1976) 287
Andrews, P.R. and P.D. Jeffrey, The use of sedimentation coefficients to distinguish between models for protein oligomers	4 (1976) 93
Auer, H.E. and E. Patton, Kinetics of the disordered chain-to- β transformation of poly(L-tyrosine) in aqueous solution	4 (1976) 15
Banks, G., see S.S. Alpert	4 (1976) 287
Berg, O.G. and C. Blomberg, Association kinetics with coupled diffusional flows. Special application to the lac repressor–operator system	4 (1976) 367
Blomberg, C., see O.G. Berg	4 (1976) 367
Bolewska, K., see E. Flesiewicz	4 (1976) 131
Brabec, V. and E. Paleček, Interaction of nucleic acids with electrically charged surfaces. II. Conformational changes in double-helical polynucleotides	4 (1976) 79
Bresler, E.H., E.A. Mason and R.P. Wendt, Appraisal of equations for neutral solute flux across porous sieving membranes	4 (1976) 229
Bresler, E.H., see R.P. Wendt	4 (1976) 237
Brumbaugh, E.E., see G.K. Ackers	4 (1976) 171
Collins, M.A., see S.M. McPhail	4 (1976) 151
De Bruin, S.H., see H.S. Rollema	4 (1976) 223
De Bruin, S.H., see Y. Engelborghs	4 (1976) 343
Degani, H., R.M.D. Hamilton and H.L. Friedman, Ion binding by X-537A. Equilibrium and rate of complexation of Co^{2+} in methanol	4 (1976) 363
Delbarre, A., B.P. Roques, J.B. le Pecq, J.Y. Lallemand and Nguyen-Dat-Xuong, PMR studies of the self-association of DNA intercalating ellipticine derivatives in aqueous solution	4 (1976) 275
Dill, K. and R.H. Shafer, Radial migration of DNA molecules in cylindrical flow. III. Circles and the effect of nongaussian polymer statistics	4 (1976) 51
Eibl, H., see H. Träuble	4 (1976) 319
Engelborghs, Y., S.H. de Bruin and R. Lontie, Differential hydrogen ion titrations of the histidine residues in <i>Helix pomatia</i> haemocyanin	4 (1976) 343
Frehland, H., Dynamical theory of fluorescence polarization in a planar array of oriented pigment molecules	4 (1976) 65

- Friedman, H.L., see H. Degani 4 (1976) 363
- Gilbert, R.G., see S.M. McPhail 4 (1976) 151
- Gilligan III, T.J. and G. Schwarz, The self-association of adenosine-5'-triphosphate studies by circular dichroism at low ionic strengths 4 (1976) 55
- Goldberg, R.N., Thermodynamics of hexokinase catalyzed reactions. II. Measurement and calculation of enthalpies of reaction as a function of magnesium ion concentration 4 (1976) 215
- Goldbeter, A., Kinetic cooperativity in the concreted model for allosteric enzymes 4 (1976) 159
- Goldstein, B. and A.S. Perelson, The electrophoretic hemolytic plaque assay — Theory 4 (1976) 349
- Halvorson, H.R., see G.K. Ackers 4 (1976) 171
- Hamilton, R.M.D., see H. Degani 4 (1976) 363
- Hanaoka, K., see M. Tasaka 4 (1976) 214
- Herak, J.N., see V. Nöhtig-Laslo 4 (1976) 281
- Ichijo, N., see M. Tasaka 4 (1976) 269
- Ip, S.H.C., see G.K. Ackers 4 (1976) 171
- Jaenicke, R., see E. Schulz 4 (1976) 253
- Jähnig, F., Electrostatic free energy and shift of the phase transition for charged lipid membranes 4 (1976) 309
- Jeffrey, P.D., see P.R. Andrews 4 (1976) 93
- Jeffrey, P.D., see L.W. Nichol 4 (1976) 259
- Kaczmarek, L.K., Frequency sensitive biochemical reactions 4 (1976) 249
- Kielman, H.S., J.M.A.M. van der Hoeven and J.C. Leyte, Nuclear magnetic relaxation of ^{23}Na and ^7Li ions in polyphosphate solutions 4 (1976) 103
- Knoche, W., see E. Schulz 4 (1976) 253
- Kobayashi, H., see M. Tasaka 4 (1976) 269
- Kobayashi, S., see M. Tasaka 4 (1976) 269
- Kubota, Y., see L.-H. Tang 4 (1976) 203
- Kurosawa, Y., see M. Tasaka 4 (1976) 214
- Lallemand, J.Y., see A. Delbarre 4 (1976) 275
- Le Pecq, J.B., see A. Delbarre 4 (1976) 275
- Leyte, J.C., see H.S. Kielman 4 (1976) 103
- Lontie, R., see Y. Engelborghs 4 (1976) 343
- Maričić, S., see V. Nöhtig-Laslo 4 (1976) 281
- Mason, E.A., see E.H. Bresler 4 (1976) 229
- Mason, E.A., see R.P. Wendt 4 (1976) 237
- McPhail, S.M., M.A. Collins and R.G. Gilbert, Inhomogeneous stationary states in reaction—diffusion systems 4 (1976) 151
- Milthorpe, B.K., see L.W. Nichol 4 (1976) 259
- Nagasaw, S., see M. Tasaka 4 (1976) 305
- Nguyen-Dat-Xuong, see A. Delbarre 4 (1976) 275

- Nichol, L.W., P.D. Jeffrey and B.K. Milthorpe, The sedimentation equilibrium of heterogeneously associating systems and mixtures of non-interacting solutes: Analysis without determination of molecular weight averages 4 (1976) 259
- Nicolis, G., see M. Sanglier 4 (1976) 113
- Nöhtig-Laslo, V., J.N. Herak and S. Maričić, Temperature dependence of ESR spectra of spin-labelled met-hemoglobin 4 (1976) 281
- Nolden, P.W. and T. Ackermann, A high-resolution NMR study (^1H , ^{13}C , ^{31}P) of the interaction of paramagnetic ions with phospholipids in aqueous dispersions 4 (1976) 297
- Nordén, B. and F. Tjermeld, High-sensitivity linear dichroism as a tool for equilibrium analysis on biochemistry. Stability constant of DNA—ethidiumbromide complex 4 (1976) 191
- Paleček, E., see V. Brabec 4 (1976) 79
- Pant, H., see I. Tasaki 4 (1976) 1
- Patton, E., see H.E. Auer 4 (1976) 15
- Perelson, A.S., see B. Goldstein 4 (1976) 349
- Pfeil, W. and P.L. Privalov, Thermodynamic investigations of proteins. I. Standard functions for proteins with lysozyme as an example 4 (1976) 23
- Pfeil, W. and P.L. Privalov, Thermodynamic investigations of proteins. II. Calorimetric study of lysozyme denaturation by guanidine hydrochloride 4 (1976) 33
- Pfeil, W. and P.L. Privalov, Thermodynamic investigations of proteins. III. Thermodynamic description of lysozyme 4 (1976) 41
- Plesiewicz, E., E. Stepień, K., Bolewska and K.L. Wierzchowski, Osmometric studies on self-association of pyrimidines in aqueous solutions: Evidence for involvement of hydrophobic interactions 4 (1976) 131
- Pörschke, D., Thermodynamic and kinetic parameters of ion condensation to polynucleotides. Outer sphere complex formed by Mg^{++} ions 4 (1976) 383
- Privalov, P.L. see W. Pfeil 4 (1976) 23, 33, 41
- Rollema, H.S., S.H. de Bruin and G.A.J. van Os, The influence of organic phosphates on the Bohr effect of human hemoglobin valency hybrids 4 (1976) 223
- Roques, B.P., see A. Delbarre 4 (1976) 275
- Sanglier, M. and G. Nicolis, Sustained oscillations and threshold phenomena in an operon control circuit 4 (1976) 113
- Sarquis, J.L. and E.T. Adams Jr., Self-association of β -lactoglobulin C in acetate buffers 4 (1976) 181
- Schulz, E., R. Jaenicke and W. Knoche, Pressure-jump relaxation studies of the association—dissociation reaction of *E. coli* ribosomes 4 (1976) 253
- Schwarz, G., see T.J. Gilligan III 4 (1976) 55
- Shafer, R.H., see K. Dill 4 (1976) 51
- Spegt, P. and G. Weill, Magnetic resonance distinction between site bound and atmospherically bound paramagnetic counterions in polyelectrolyte solutions 4 (1976) 143
- Steiner, R.F., see L.-H., Tang 4 (1976) 203
- Stepień, E., see E. Plesiewicz 4 (1976) 131
- Tang, L.-H., Y. Kubota and R.F. Steiner, A comparative study on bovine α -lactalbumin and lysozyme by nanosecond fluorometry 4 (1976) 203
- Tasaka, M., K. Hanaoka, Y. Kurosawa and C. Wada, Thermal membrane potential through charged membrane electrolyte solutions, *Biophys. Chem.* 3 (1975) 331–337 (Erratum) 4 (1976) 214

- Tasaka, M., N. Ichijo, S. Kobayashi and H. Kobayashi, Thermal membrane potential across charged membranes in $\text{NaCl-NH}_4\text{Cl}$ and $\text{LiCl-NH}_4\text{Cl}$ solutions 4 (1976) 269
- Tasaka, M. and S. Nagasawa, Anomalous osmosis through a model membrane constructed with potassium polystyrenesulfonate solution 4 (1976) 305
- Tasaki, I., A. Warashina and H. Pant, Studies of light emission, absorption and energy transfer in nerve membranes labelled with fluorescent probes 4 (1976) 1
- Teubner, M., see H. Träuble 4 (1976) 319
- Tjerneld, F., see B. Nordén 4 (1976) 191
- Träuble, H., M. Teubner, P. Woolley and H. Eibl, Electrostatic interactions at charged lipid membranes. I. Effects of pH and univalent cations on membrane structure 4 (1976) 319
- Van der Hoeven, J.M.A.M., see H.S. Kielman 4 (1976) 103
- Van Os, G.A.J., see H.S. Rollema 4 (1976) 223
- Wada, C., see M. Tasaka 4 (1976) 214
- Wallace, D.G., Prediction of the secondary and tertiary structure of plastocyanin 4 (1976) 123
- Warashina, A., see I. Tasaki 4 (1976) 1
- Weill, G., see P. Spegt 4 (1976) 143
- Wendt, R.P., see E.H. Bresler 4 (1976) 229
- Wendt, R.P., E.A. Mason and E.H. Bresler, Effect of heteroporosity on flux equations for membranes 4 (1976) 237
- Wierzchowski, K.L., see E. Plesiewicz 4 (1976) 131
- Woolley, P., see H. Träuble 4 (1976) 319
- Wright, A.K., A study of rhodopsin-detergent micelles by transient electric birefringence 4 (1976) 199