

AUTHOR INDEX TO VOLUME 11

Allen, L.C., see R.P. Sheridan	11 (1980) 133
Anderson, C.F. and M.T. Record Jr., The relationship between the Poisson-Boltzmann model and the condensation hypothesis: an analysis based on the low salt form of the Donnan coefficient	11 (1980) 353
Andrews, P.R. and P.D. Jeffrey, Calculated sedimentation ratios for assemblies of two, three, four, and five spatially equivalent protomers	11 (1980) 49
Andrews, P.R., see P.D. Jeffrey	11 (1980) 61
Atanasov, B.P., see B.G. Postnikova	11 (1980) 29
Auchet, J.-C., see J.-P. Privat	11 (1980) 329
Bacci, M., Jahn–Teller effect in biomolecules	11 (1980) 39
Bloomfield, V.A., R.W. Wilson and D.C. Rau, Polyelectrolyte effects in DNA condensation by polyamines	11 (1980) 339
Brabec, V., Interaction of nucleic acids with electrically charged surfaces. VII. The effect of ionic strength of neutral medium on the conformation of DNA adsorbed on the mercury electrode	11 (1980) 1
Buettner, L., see D.J. Creighton	11 (1980) 265
Cann, J.R., Determination of ligand-binding constants by isoelectric focussing. Generalization and extension of theory	11 (1980) 249
Charney, E., The role of the ionic environment in the orientation of nucleic acids in electric fields	11 (1980) 157
Charney, E., K. Yamaoka and G.S. Manning, Ionic strength and counterion repulsion as factors in the behavior of polyions in orienting electric fields	11 (1980) 167
Creighton, D.J., A. Weiner and L. Buettner, Hydrophobic binding is not an independent stereochemical determinant in the yeast glyoxalase I reaction	11 (1980) 265
Dagleish, D.G., A mechanism for the chymosin-induced flocculation of casein micelles	11 (1980) 147
Daune, M., see M. Erard	11 (1980) 83
De Murcia, G., see M. Erard	11 (1980) 83
Dunker, A.M., J.E. Lusk and J.H. Gibbs, Enzyme reaction rates and the stochastic theory of kinetics	11 (1980) 9
Eisenberg, E., see T.L. Hill	11 (1980) 271
Erard, M., G. de Murcia, A. Mazen and M. Daune, Thermal transition of core particle is not a two-state process	11 (1980) 83
Fritzsche, H., I. Petri, H. Schütz, K. Weller, P. Sedmera and H. Lang, On the interaction of caffeine with nucleic acids. III. ^1H NMR studies of caffeine-5'-adenosine monophosphate and caffeine-poly(riboadenylate) interactions	11 (1980) 109

- Fritzsche, H., H. Lang, H. Sprinz and W. Pohle, On the interaction of caffeine with nucleic acids. IV. Studies of the caffeine-DNA interaction by infrared and ultraviolet linear dichroism proton and deuteron nuclear magnetic resonance 11 (1980) 121
- Fujikado, T., see M. Sakamoto 11 (1980) 309
- Fujimori, M., see K. Yoshioka 11 (1980) 369
- Gibbs, J.H., see A.M. Dunker 11 (1980) 9
- Glukhova, O.T., see A.B. Teplitsky 11 (1980) 17
- Harpst, J.A., Analysis of low angle light scattering results from T7 DNA 11 (1980) 295
- Hayakawa, R., see M. Sakamoto 11 (1980) 309
- Hayakawa, R., see S. Umemura 11 (1980) 317
- Hayashi, S., see S. Ikeda 11 (1980) 417
- Hill, T.L. and E. Eisenberg, Theoretical considerations in the equilibrium binding of myosin fragments on F-actin 11 (1980) 271
- Hirose, T., see T. Ueda 11 (1980) 461
- Holladay, L.A., Simultaneous rapid estimation of sedimentation coefficient and molecular weight 11 (1980) 503
- Holland Cook, K., see C.-C. Wang 11 (1980) 439
- Ikeda, S., S. Ozeki and S. Hayashi, Size and shape of charged micelles of ionic surfactants in aqueous salt solutions 11 (1980) 417
- Imai, N., see S. Miyamoto 11 (1980) 91
- Imai, N., see S. Miyamoto 11 (1980) 345
- Imai, N. and S. Sasaki, Dielectric increment in polyelectrolyte solutions due to the distortion of counterion distribution 11 (1980) 361
- Ise, N. and T. Okubo, New outlook on polymer "catalysis" 11 (1980) 433
- Jaenicke, R., see B.C. Schade 11 (1980) 257
- Jeffrey, P.D., see P.R. Andrews 11 (1980) 49
- Jeffrey, P.D. and P.R. Andrews, Application of calculated sedimentation ratios in the specification of models for protein dimers, trimers, tetramers and pentamers 11 (1980) 61
- Kikuchi, K., see K. Yoshioka 11 (1980) 369
- Kishimoto, A., see S. Mitaku 11 (1980) 411
- Kitano, T., see M. Nagasawa 11 (1980) 435
- Kobatake, Y., see T. Ueda 11 (1980) 461
- Kronman, M.J., see P.B. Sommers 11 (1980) 217
- Lang, H., see H. Fritzsche 11 (1980) 109
- Lang, H., see H. Fritzsche 11 (1980) 121
- Lee, C.-H. and I. Tinoco Jr., Conformation studies of 13 trinucleoside diphosphate by 360 MHz PMR spectroscopy. A bulged base conformation. I. Base protons and H1' protons 11 (1980) 233
- Lüdemann, H.-D., see B.C. Schade 11 (1980) 257
- Lusk, J.E., see A.M. Dunker 11 (1980) 9
- Majima, T., Membrane potentials fluctuation in paramecium 11 (1980) 101
- Manning, G.S., see E. Charney 11 (1980) 167

- Martin, P.J. and U.P. Strauss, Thermodynamics of hydrophobic polyacids 11 (1980) 397
- Mazen, A., see M. Erard 11 (1980) 83
- Minakata, A., see S. Sasaki 11 (1980) 199
- Minakata, A., T. Shimizu, H. Nakamura and A. Wada, Dielectric dispersion of alternating copolymers of maleic acid 11 (1980) 403
- Mitaku, S., T. Ohtsuki, A. Kishimoto and K. Okano, Dynamic properties of concentrated suspension of charged polystyrene spheres 11 (1980) 411
- Miyamoto, S. and N. Imai, Estimation of bound quaternary ammonium to a rod-like polyanion with a large alkyl residue 11 (1980) 91
- Miyamoto, S. and N. Imai, The release of monovalent counterions by addition of divalent counterions in coulombic interaction system 11 (1980) 345
- Nagasa, M., I. Noda and T. Kitano, Light scattering from solutions of a semi-flexible polymer and a polyelectrolyte both having sharp molecular weight distribution 11 (1980) 435
- Nakamura, H., see A. Minakata 11 (1980) 403
- Nichol, L.W., see P.R. Wills 11 (1980) 71
- Noda, I., see M. Nagasawa 11 (1980) 435
- Ogunmola, G.B., PH dependent volume changes accompanying the binding reactions of human and pigeon methemoglobins 11 (1980) 23
- Ohno, N., see S. Sugai 11 (1980) 387
- Ohtsuki, T., see S. Mitaku 11 (1980) 411
- Okano, K., see S. Mitaku 11 (1980) 411
- Okubo, T., A conductance stopped-flow study of polyelectrolyte systems. Dynamic conformational change of synthetic macroions and their complexation with neutral polymers 11 (1980) 425
- Okubo, T., see N. Ise 11 (1980) 433
- Oosawa, F., The flexibility of F-actin 11 (1980) 443
- Ozeki, S., see S. Ikeda 11 (1980) 417
- Pain, R.H., see J.-P. Privat 11 (1980) 239
- Papageorgiou, S., A morphogen gradient model for pattern regulation. I. Formation of non-repetitive and repetitive structures 11 (1980) 183
- Papageorgiou, S., A morphogen gradient model for pattern regulation. II. Time description of global morphogen formation and field compartmentalization 11 (1980) 191
- Payers, T.A.J. and A.K. Wiersma, On enzyme clotting processes V. Rate equations for the case of arbitrary rate of production of the clotting species 11 (1980) 137
- Pecora, R., see C.-C. Wang 11 (1980) 439
- Petri, I., see H. Fritzsche 11 (1980) 109
- Pohle, W., see Fritzsche 11 (1980) 121
- Postnikova, B.G., E.M. Yumakova, A.G. Sukhomudrenko, M.V. Volkenshtein and B.P. Atanasov, Absorption spectroscopy and circular dichroism studies of sperm whale myoglobins chemically modified on the N-terminal α -aminogroup by isothiocyanate reagents 11 (1980) 29
- Privat, J.-P., P. Wahl, J.-C. Auchet and R.H. Pain, Time resolved spectroscopy of tryptophyl fluorescence of yeast 3-phosphoglycerate kinase 11 (1980) 239
- Räim, T., see E. Raukas 11 (1980) 233

- Rau, D.C., see V.A. Bloomfield 11 (1980) 339
- Raukas, E. and T. R  im, Thermal denaturation of distamycin A – DNA complexes as followed by hyperchromic spectra 11 (1980) 233
- Record Jr., M.T., see C.F. Anderson 11 (1980) 353
- Rudolph, R., see B.C. Schade 11 (1980) 257
- Sakamoto, M., T. Fujikado, R. Hayakawa and Y. Wada, Low frequency dielectric relaxation and light scattering under AC electric fields of DNA solutions 11 (1980) 309
- Sano, T. and T. Yasunaga, Kinetics of helix–coil transition of polypeptides in solution by the relaxation methods 11 (1980) 377
- Sasaki, S. and A. Minakata, The development of an equation for the potentiometric titration of linear polyelectrolytes using a site model 11 (1980) 199
- Sasaki, S., see N. Imai 11 (1980) 361
- Schade, B.C., H.-D. L  demann, R. Rudolph and R. Jaenicke, Kinetics of reconstruction of porcine muscle lactic dehydrogenase after reversible high pressure dissociation 11 (1980) 257
- Schellman, J.A., The flexibility of DNA. I. Thermal fluctuations 11 (1980) 321
- Schellman, J.A., The flexibility of DNA. II. Spontaneous and ligand induced distortions 11 (1980) 329
- Sch  tz, H., see H. Fritzsche 11 (1980) 109
- Sedmera, P., see H. Fritzsche 11 (1980) 109
- Sheridan, R.P. and L.C. Allen, The electrostatic potential of the alpha helix (electrostatic potential/ α -helix/secondary structure/helix dipole) 11 (1980) 133
- Shimizu, T., see A. Minakata 11 (1980) 403
- Siezen, R.J., see P.R. Wills 11 (1980) 71
- Sommers, P.B. and M.J. Kronman, Comparative fluorescence properties of bovine, goat, human and guinea pig α -lactalbumin. Characterization of the environments of individual tryptophan residues in partially folded conformers 11 (1980) 217
- Sprinz, H., see H. Fritzsche 11 (1980) 121
- Sugai, S. and N. Ohno, Conformational transitions of the hydrophobic polyacids 11 (1980) 387
- Sukhomudrenko, A.G., see B.G. Postnikova 11 (1980) 29
- Strauss, U.P., see P.J. Martin 11 (1980) 397
- Takashima, S., Non-linear dielectric properties of nerve membranes 11 (1980) 447
- Teplitsky, A.B., I.K. Yanson, O.T. Glukhova, A. Zielenkiewicz, W. Zielenkiewicz and K.L. Wierzchowski, Thermochemistry of aqueous solutions of alkylated nucleic acids bases. III. Enthalpies of hydration of uracil, thymine and their derivatives 11 (1980) 17
- Erratum 11 (1980) 475
- Tinoco Jr., I., see C.-H. Lee 11 (1980) 283
- Ueda, T., T. Hirose and Y. Kobatake, Membrane biophysics of chemoreception and taxis in the plasmodium of *physarum polycephalum* 11 (1980) 461
- Umemura, S., R. Hayakawa and Y. Wada, New method for simultaneous measurement of frequency spectra of complex dielectric constants of polyelectrolyte solutions 11 (1980) 317
- Volkenshtein, M.V., see B.G. Postnikova 11 (1980) 29
- Wada, A., see A. Minakata 11 (1980) 403
- Wada, Y., see M. Sakamoto 11 (1980) 309
- Wada, Y., see S. Umemura 11 (1980) 317

- Wang, C.-C., K. Holland Cook and R. Pecora, Dynamic light scattering studies of ribonuclease 11 (1980) 439
- Wahl, P., see J.-P. Privat 11 (1980) 239
- Weiner, A., see D.J. Creighton 11 (1980) 265
- Weller, K., see H. Fritzsche 11 (1980) 109
- Wiersma, A.K., see T.A.J. Payens 11 (1980) 137
- Wierzchowski, K.L., see A.B. Teplitsky 11 (1980) 17
- Wills, P.R., L.W. Nichol and R.J. Siezen, The indefinite self-association of lysozyme:
consideration of composition-dependent activity coefficients 11 (1980) 71
- Wilson, R.W., see V.A. Bloomfield 11 (1980) 339
- Yamaoka, K., see E. Charney 11 (1980) 167
- Yanson, I.K., see A.B. Teplitsky 11 (1980) 17
- Yasunaga, T., see T. Sano 11 (1980) 377
- Yoshioka, K., K. Kikuchi and M. Fujimori, Electric birefringence of ionized polypeptides in
solution and the effect of high electric fields on the helix-coil transition 11 (1980) 369
- Yumakova, E.M., see B.G. Postnikova 11 (1980) 29
- Zielenkiewicz, A., see A.B. Teplitsky 11 (1980) 17
- Zielenkiewicz, W., see A.B. Teplitsky 11 (1980) 17
- Zimmerman, J.K., Time difference scanning gel chromatography: computer simulations 11 (1980) 173