

AUTHOR INDEX TO VOLUME 19 (1984)

- Aikens, D., see Onasch, F. 245
 Asai, H., see Hoshikawa, H. 375
 Ataullakhanov, F.I., see Fed'kina, V.R. 259
- Barratt, M.D. and D.M. Rickwood
 Binding of a spin-labelled photoallergen to human serum albumin 69
 Biltonen, R.L., see Hedwig, G.R. 1
 Brinkhuis, J. and T.A. Payens
 The influence of temperature on the flocculation rate of renneted casein micelles 75
 Bronnikova, T.V., see Fed'kina, V.R. 259
 Browett, W.R. and M.J. Stillman
 Temperature dependence in the absorption spectra of beef liver catalase 311
 Bucci, E., see Fronticelli, C. 255
 Bunce, S., see Onasch, F. 245
 Burstein, E.A., see Permyakov, E.A. 265
- Cedel, T.E., P.F. Cottam, M.D. Meadows and C. Ho
 A high-resolution ^1H -NMR investigation of the histidine-binding protein J of *Salmonella typhimurium*. Substrate-induced conformational changes 279
 Cottam, P.F., see Cedel, T.E. 279
 Crasnier, M. and J. Ricard
 pH modulation of transient state kinetics of enzymes. II. Transient state kinetics of plant cell wall acid phosphatase 93
 Crasnier, M., see Ricard, J. 85
 Crossin, M.C., see Siezen, R.J. 99
- Delville, A.
 Interactions between ions and polyelectrolytes. A note on determination of ionic activities, with reference to a modified Poisson-Boltzmann treatment 183
- Ehrenberg, A., see Westman, J. 57
 Epand, R.M. and J.M. Sturtevant
 The effects of various peptides on the thermotropic properties of phosphatidylcholine bilayers 355
 Eriksson, L.E.G., see Westman, J. 57
- Fed'kina, V.R., F.I. Ataullakhanov and T.V. Bronnikova
 Computer simulation of sustained oscillations in peroxidase-oxidase reaction 259
 Fronticelli, C., E. Bucci and A.E. Shamoo
 Solvent perturbation evidence for a two-state system regulated by calcium in sarcoplasmic reticulum ATPase 255
- Fujisaki, Y., see Kubota, Y. 25
 Fukutome, H., see Hagihara, H. 147
- Gerard, D., see Lux, B. 345
 Göpel, K.-D., see Pottel, R. 233
 Goux, W.J., J. Teherani and A.D. Sherry
 Amine inversion in proteins. A ^{13}C -NMR study of proton exchange and nitrogen inversion rates in $N^\epsilon, N^\epsilon, N^\alpha, N^\alpha$ -[^{13}C]tetramethyllysine, $N^\epsilon, N^\epsilon, N^\alpha, N^\alpha$ -[^{13}C]tetramethyllysine methyl ester, and reductively methylated concanavalin A 363
- Hagihara, H., K. Horie, A. Wada and H. Fukutome
 Mg^{2+} -induced proton release from *Escherichia coli* ribosome and ribosomal RNA 147
 Hedwig, G.R. and R.L. Biltonen
 Thermodynamics of the binding of Ca^{2+} to porcine pancreatic phospholipase A_2 1
 Helynck, G., see Lux, B. 345
 Henze, R., see Pottel, R. 233
 Higashi, Y., see Tamura, K. 273
 Ho, C., see Cedel, T.E. 279
 Hobza, P. and C. Sandorfy
 A quantum chemical study of the effect of Na^+ on the hydrogen bonds in the adenine-thymine base-pair 201
 Horie, K., see Hagihara, H. 147
 Hoshikawa, H. and H. Asai
 On the rotational Brownian motion of a bacterial idle motor. I. Theory of time-dependent fluorescence depolarization 375
 Hultquist, D.E., see Juckett, D.A. 321
 Hurwitz, C., see Onasch, F. 245
- Jeffrey, P.D., see Sculley, M.J. 39
 Juckett, D.A. and D.E. Hultquist
 Magnetic circular dichroism studies of hemoglobin. The reduction of ferrihemoglobin by ferrocyanochrome b_5 and characterization of the high-spin hydroxy species of mixed-valence hemoglobin 321
- Kaatze, U., see Pottel, R. 233
 Kegeles, G., see Siezen, R.J. 99
 Kegeles, G., see Tai, M.-S. 113
 Kubota, Y., Y. Motoda, Y. Kuromi and Y. Fujisaki
 Fluorescence decay studies of the DNA-3,6-diaminoacridine complexes 25
 Kuromi, Y., see Kubota, Y. 25

Laczko, G. and J.R. Lakowicz		Schütz, H., see Weller, K.	289
Torsional rearrangements of aryl-substituted anthracenes measured by phase fluorometry	227	Schütz, H., see Weller, K.	299
Lakowicz, J.R.		Schwartz, H., see Onasch, F.	245
Time-dependent rotational rates of excited fluorophores. A linkage between fluorescence depolarization and solvent relaxation	13	Sculley, M.J., G.B. Treacy and P.D. Jeffrey	
Lakowicz, J.R., see Laczko, G.	227	A new theoretical approach to the investigation of the symmetry of protein oligomers with bifunctional reagents	39
Lakowicz, J.R., see Maliwal, B.P.	337	Shamoo, A.E., see Fronticelli, C.	255
Lavery, R. and A. Pullman		Shelkovski, V.S., see Sukhodub, L.F.	191
A new theoretical index of biochemical reactivity combining steric and electrostatic factors. An application to yeast tRNA ^{Phe}	171	Sherry, A.D., see Goux, W.J.	363
Lehmann, L.H., see Stucki, J.W.	131	Siezen, R.J.	
Luu, B., see Lux, B.	345	Interactions of lens proteins. Ultrafiltration is unsuitable to detect self- or mixed-association	49
Lux, B., G. Helyncx, E. Trifilieff, B. Luu and D. Gerard		Siezen, R.J., E.F.J. Van Bruggen, M.-S. Tai, M.C. Crossin and G. Kegeles	
Intrinsic fluorescence of a non-myelin apoproteolipid and evidence for the existence of conformational flexibility	345	Models for the analytical ultracentrifuge behavior of <i>Helix pomatia</i> α -hemocyanin. I. Experimental testing of previous models	99
Maliwal, B.P. and J.R. Lakowicz		Stillman, M.J. and J.A. Szymanska	
Effect of ligand binding and conformational changes in proteins on oxygen quenching and fluorescence depolarization of tryptophan residues	337	Absorption, circular dichroism, magnetic circular dichroism and emission study of rat kidney Cd,Cu-metallothionein	163
Mani, P., see Stucki, J.W.	131	Stillman, M.J., see Browett, W.R.	311
Meadows, M.D., see Cedel, T.E.	279	Stucki, J.W., L.H. Lehmann and P. Mani	
Motoda, Y., see Kubota, Y.	25	Transient kinetics of thermodynamic buffering	131
Nairn, D., see Onasch, F.	245	Sturtevant, J.M., see Epand, R.M.	355
Neumann, E., see Sugar, I.P.	211	Sugar, I.P. and E. Neumann	
Onasch, F., D. Aikens, S. Bunce, H. Schwartz, D. Nairn and C. Hurwitz		Stochastic model for electric field-induced membrane pores. Electroporation	211
The interactions between nucleic acids and polyamines. III. Microscopic protonation constants of spermidine	245	Sukhodub, L.F., V.S. Shelkovski and K.L. Wierzbowski	
Payens, T.A., see Brinkhuis, J.	75	Mass-spectrometric investigations on hydration of nucleic acid components in vacuum. II. <i>N</i> -methylated adenines	191
Permyakov, E.A. and E.A. Burstein		Suzuki, A., see Tamura, K.	273
Some aspects of studies of thermal transitions in proteins by means of their intrinsic fluorescence	265	Szymanska, J.A., see Stillman, M.J.	163
Petri, I., see Weller, K.	289	Tai, M.-S. and G. Kegeles	
Petri, I., see Weller, K.	299	Models for the analytical ultracentrifuge behavior of <i>Helix pomatia</i> α -hemocyanin. II. Simulations of reacting microheterogeneous hemocyanin	113
Pottel, R., K.-D. Göpel, R. Henze, U. Kaatz and V. Uhlendorf		Tai, M.-S., see Siezen, R.J.	99
The dielectric permittivity spectrum of aqueous colloidal phospholipid solutions between 1 kHz and 60 GHz	233	Tamura, K., Y. Higashi, K. Wazumi and A. Suzuki	
Pullman, A., see Lavery, R.	171	Effects of pressure on the phase transition of bilayers in liposomes. Influence of cholesterol and α -tocopherol	273
Ricard, J. and M. Crasnier		Teherani, J., see Goux, W.J.	363
pH modulation of transient state kinetics of enzymes. I. Simple theoretical models	85	Treacy, G.B., see Sculley, M.J.	39
Ricard, J., see Crasnier, M.	93	Trifilieff, E., see Lux, B.	245
Rickwood, D.M., see Barratt, M.D.	69	Uhlendorf, V., see Pottel, R.	233
Sandorfy, C., see Hobza, P.	201	Van Bruggen, E.F.J., see Siezen, R.J.	95
		Wada, A., see Hagihara, H.	147
		Wazumi, K., see Tamura, K.	273
		Weller, K., H. Schütz and I. Petri	
		Thermodynamical model of indefinite mixed associ-	

ation of two components and NMR data analysis for caffeine-AMP interaction	289	with phosphatidylcholine model membranes. Com- petition with lanthanide ions	57
Weller, K., H. Schütz and I. Petri		Wierzchowski, K.L., see Sukhodub, L.F.	191
Thermodynamical model for insertion and aggregate binding of caffeine to the homopolymer poly(ribo- adenylate) and model choice by data analysis	299	Zandstra, P.J., see Zevenhuijzen, D.	121
Westman, J., L.E.G. Eriksson and A. Ehrenberg		Zevenhuijzen, D. and P.J. Zandstra	
Interaction of the cationic form of amphiphilic drugs		Absorption and magnetic circular dichroism of chlo- rophyll <i>a</i> and <i>b</i> dimers	121