

Author Index to Volume 54 (1995)

- Ädelroth, P., see Brzezinski, P. (54) 191
- Ahluwalia, J.C., see Gopal, S. (54) 119
- Alaeddine, S., Andreasson, H., Larsson, M. and Nygren, H.
Discontinuous formation and desorption of clusters during
particles adsorption at surfaces (54) 211
- Altekar, W., see Ebel, C. (54) 219
- Andreasson, H., see Alaeddine, S. (54) 211
- Antonini, G., see Malatesta, F. (54) 1
- Aradi, F.
Effect of methylation on the pyrimidine–pyrimidine stack-
ing interaction studied by ^1H NMR chemical shift (54) 67
- Ascenzi, P., see Casale, E. (54) 75
- Bakkali, A., see Brass, O. (54) 83
- Bakovic, M. and Dunford, H.B.
Pre-steady-state kinetics and modelling of the oxygenase
and cyclooxygenase reactions of prostaglandin endoperox-
ide synthase (54) 237
- Balliano, G., see Casale, E. (54) 75
- Barth, C., Bihler, H., Wilhelm, M. and Stark, G.
Application of a fast charge-pulse technique to study the
effect of the dipolar substance 2,4-dichlorophenoxyacetic
acid on the kinetics of valinomycin mediated K^+ -transport
across monoolein membranes (54) 127
- Bayer, P., see Leibrock, E. (54) 175
- Bayol, A., Dupin, P., Boe, J.F., Claudy, P. and Létoffé, J.M.
Study of pH and temperature-induced transitions in urate
oxidase (Uox-EC1.7.3.3) by microcalorimetry (DSC), size
exclusion chromatography (SEC) and enzymatic activity
experiments (54) 229
- Benegas, J.C., see Van den Hoop, M.A.G.T. (54) 35
- Bicknese, S., Zimet, D., Park, J., Van Hoek, A.N., Shohet,
S.B. and Verkman, A.S.
Detection of water proximity to tryptophan residues in
proteins by single photon radioluminescence (54) 279
- Bihler, H., see Barth, C. (54) 127
- Boe, J.F., see Bayol, A. (54) 229
- Bolognesi, M., see Casale, E. (54) 75
- Borowski, E., see Mazerski, J. (54) 49
- Brass, O., Létoffé, J.M., Bakkali, A., Bureau, J.C., Corot, C.
and Claudy, P.
Involvement of protein solvation in the interaction be-
tween a contrast medium (iopamidol) and fibrinogen or
lysozyme (54) 83
- Brown, G.C.
Rate control within the Na^+ /glucose cotransporter (54)
181
- Brunori, M., see Malatesta, F. (54) 1
- Brzezinski, P., Sundahl, M., Ädelroth, P., Wilson, M.T., El-
Agez, B., Wittung, P. and Malmström, B.G.
Triplet-state quenching in complexes between Zn-cyto-
chrome *c* and cytochrome oxidase or its Cu_A domain (54)
191
- Bureau, J.C., see Brass, O. (54) 83
- Carrero, J., Jameson, D.M. and Gratton, E.
Oxygen penetration and diffusion into myoglobin revealed
by quenching of zincprotoporphyrin IX fluorescence (54)
143
- Casale, E., Collyer, C., Ascenzi, P., Balliano, G., Milla, P.,
Viola, F., Fasano, M., Menegatti, E. and Bolognesi, M.
Inhibition of bovine β -trypsin, human α -thrombin and
porcine pancreatic β -kallikrein-B by 4',6-diamidino-2-
phenylindole, 6-amidinoindole and benzamidine: a com-
parative thermodynamic and X-ray structural study (54) 75
- Cegielski, R., see Frackowiak, D. (54) 95
- Chapados, C., Girard, D., Trudel, M. and Ringuet, M.
Separation of overlapping spectra from evolving systems
using factor analysis. 3. Fluorescence spectra of hemo-
porphyrin IX di-n-propylether diethanolamide (54) 165
- Choi, S. and Swanson, J.M.
Interaction of cytochrome *c* with cardiolipin: an infrared
spectroscopic study (54) 271
- Claudy, P., see Bayol, A. (54) 229
- Claudy, P., see Brass, O. (54) 83
- Collyer, C., see Casale, E. (54) 75
- Corot, C., see Brass, O. (54) 83
- Dunford, H.B., see Bakovic, M. (54) 237
- Dupin, P., see Bayol, A. (54) 229
- Dupont, G. and Goldbeter, A.
Erratum to "Protein phosphorylation driven by intracellu-
lar calcium oscillations: A kinetic analysis". [Biophys.
Chem., 42 (1992) 257–270] (54) 291

- Ebel, C., Altekar, W., Langowski, J., Urbanke, C., Forest, E. and Zaccai, G.
Solution structure of glyceraldehyde-3-phosphate dehydrogenase from *Haloarcula vallismortis* (54) 219
- El-Agez, B., see Brzezinski, P. (54) 191
- Enache, C., see Hörer, O.L. (54) 43
- Fasano, M., see Casale, E. (54) 75
- Fillery-Travis, A.J., Foster, L.H. and Robins, M.M.
Stability of emulsions stabilised by two physiological surfactants: L- α -phosphatidylcholine and sodium taurocholate (54) 253
- Forest, E., see Ebel, C. (54) 219
- Foster, L.H., see Fillery-Travis, A.J. (54) 253
- Frackowiak, D., Zelent, B., Malak, H., Cegielski, R., Goc, J., Niedbalska, M. and Ptak, A.
Interactions between chlorophyll *a* and β -carotene in nematic liquid crystals (54) 95
- Galle, J. and Volke, F.
Computer simulation of the temperature- and hydration-dependent lateral diffusion of phosphatidylcholine in lipid bilayers (54) 109
- Girard, D., see Chapados, C. (54) 165
- Goc, J., see Frackowiak, D. (54) 95
- Goldbeter, A., see Dupont, G. (54) 291
- Gopal, S. and Ahluwalia, J.C.
Differential scanning calorimetric studies on binding of N-acetyl-D-glucosamine to lysozyme (54) 119
- Gratton, E., see Carrero, J. (54) 143
- Gray, H.B., see Winkler, J.R. (54) 199
- Hatori, K., see Honda, H. (54) 61
- Hedwig, G.R., see Vogl, T. (54) 261
- Hinz, H.-J., see Vogl, T. (54) 261
- Honda, H., Nagao, S., Hatori, K. and Matsuno, K.
Slow and macroscopic modulation of thermal fluctuations in myofibrils (54) 61
- Hörer, O.L. and Enache, C.
Conformational transitions in polyelectrolyte adsorption (54) 43
- Ikematsu, M., Sugiyama, Y., Iseki, M., Muneyuki, E. and Mizukami, A.
Direct reconstitution of bacteriorhodopsin into planar phospholipid bilayers — detergent effect (54) 155
- Iseki, M., see Ikematsu, M. (54) 155
- Jameson, D.M., see Carrero, J. (54) 143
- Jeneson, J.A.L., see Westerhoff, H.V. (54) 137
- Langowski, J., see Ebel, C. (54) 219
- Larsson, M., see Alaeddine, S. (54) 211
- Leibrock, E., Bayer, P. and Lüdemann, H.-D.
Nonenzymatic hydrolysis of adenosinetriphosphate (ATP) at high temperatures and high pressures (54) 175
- Létoffé, J.M., see Bayol, A. (54) 229
- Letoffé, J.M., see Brass, O. (54) 83
- Lüdemann, H.-D., see Leibrock, E. (54) 175
- Malak, H., see Frackowiak, D. (54) 95
- Malatesta, F., Antonini, G., Sarti, P. and Brunori, M.
Structure and function of a molecular machine: cytochrome *c* oxidase (54) 1
- Malmström, B.G., see Brzezinski, P. (54) 191
- Malmström, B.G., see Winkler, J.R. (54) 199
- Matsuno, K., see Honda, H. (54) 61
- Mazurski, J. and Borowski, E.
Molecular dynamics of amphotericin B. I. Single molecule in vacuum and water (54) 49
- Menegatti, E., see Casale, E. (54) 75
- Milla, P., see Casale, E. (54) 75
- Mizukami, A., see Ikematsu, M. (54) 155
- Muneyuki, E., see Ikematsu, M. (54) 155
- Nagao, S., see Honda, H. (54) 61
- Niedbalska, M., see Frackowiak, D. (54) 95
- Nygren, H., see Alaeddine, S. (54) 211
- Park, J., see Bicknese, S. (54) 279
- Ptak, A., see Frackowiak, D. (54) 95
- Ringuet, M., see Chapados, C. (54) 165
- Robins, M.M., see Fillery-Travis, A.J. (54) 253
- Sarti, P., see Malatesta, F. (54) 1
- Shohet, S.B., see Bicknese, S. (54) 279
- Stark, G., see Barth, C. (54) 127
- Sugiyama, Y., see Ikematsu, M. (54) 155
- Sundahl, M., see Brzezinski, P. (54) 191
- Swanson, J.M., see Choi, S. (54) 271
- Trudel, M., see Chapados, C. (54) 165
- Urbanke, C., see Ebel, C. (54) 219
- Van den Hoop, M.A.G.T., Van Leeuwen, H.P. and Benegas, J.C.
Intrinsic binding effects in mixed counterionic polyelectrolyte systems: extension of condensation theory and comparison with voltammetric data (54) 35
- Van Echteld, C.J.A., see Westerhoff, H.V. (54) 137
- Van Hoek, A.N., see Bicknese, S. (54) 279
- Van Leeuwen, H.P., see Van den Hoop, M.A.G.T. (54) 35
- Verkman, A.S., see Bicknese, S. (54) 279
- Viola, F., see Casale, E. (54) 75
- Vogl, T., Hinz, H.-J. and Hedwig, G.R.
Partial molar heat capacities and volumes of Gly-X-Gly tripeptides in aqueous solution: model studies for the rationalization of thermodynamic parameters of proteins (54) 261
- Volke, F., see Galle, J. (54) 109

- Westerhoff, H.V., Van Echteld, C.J.A. and Jeneson, J.A.L.
 On the expected relationship between Gibbs energy of
 ATP hydrolysis and muscle performance (54) 137
- Wilhelm, M., see Barth, C. (54) 127
- Wilson, M.T., see Brzezinski, P. (54) 191
- Winkler, J.R., Malmström, B.G. and Gray, H.B.
 Rapid electron injection into multisite metalloproteins:
 intramolecular electron transfer in cytochrome oxidase
 (54) 199
- Wittung, P., see Brzezinski, P. (54) 191
- Zaccai, G., see Ebel, C. (54) 219
- Zelent, B., see Frackowiak, D. (54) 95
- Zimet, D., see Bicknese, S. (54) 279