

Author Index to Volume 74

- Anteneodo, C., see Louro, S.R.W. (74) 35
Arata, T., see Kim, D.-S. (74) 71
Arce, A., see Soto, A. (74) 165
- Basak, S., see Mukhopadhyay, K. (74) 175
Bos, R., van der Mei, H.C. and Busscher, H.J. 'Soft-particle' analysis of the electrophoretic mobility of a fibrillated and non-fibrillated oral streptococcal strain: *Streptococcus salivarius* (74) 251
Bucci, E., see Gryczynski, Z. (74) 187
Burastero, T., see Fernández, A. (74) 89
Busscher, H.J., see Bos, R. (74) 251
- Carrasco, B., Harding, S.E. and de la Torre, J.G. Bead modeling using HYDRO and SOLPRO of the conformation of multisubunit proteins: sunflower and rape-seed 11S globulins (74) 127
Cheng, X., see Yan, H. (74) 107
Costas, M. and Kronberg, B. Thermodynamics of aliphatic and aromatic hydrocarbons in water (74) 83
- de la Torre, J.G., see Carrasco, B. (74) 127
- Eichwald, C. and Walieczek, J. Magnetic field perturbations as a tool for controlling enzyme-regulated and oscillatory biochemical reactions (74) 209
Elanthiraiyan M., see Kaliannan, P. (74) 11
- Fenley, M.O., Manning, G.S., Marky, N.L. and Olson, W.K. Excess counterion binding and ionic stability of kinked and branched DNA (74) 135
Fernández, A., Niel, B. and Burastero, T. The RNA folding problem: a variational problem within an adiabatic approximation (74) 89
Furuike, S., see Kinoshita, K. (74) 237
- Goldbeter, A., see Pérez-Iratxeta, C. (74) 197
Gromiha, M.M., see Kaliannan, P. (74) 11
Gryczynski, Z. and Bucci, E. Time resolved emissions in the picosecond range of single tryptophan recombinant myoglobins reveal the presence of long range heme protein interactions (74) 187
- Hallerbach, B., see Rösgen, J. (74) 153
- Halloy, J., see Pérez-Iratxeta, C. (74) 197
Harding, S.E., see Carrasco, B. (74) 127
He, B., see Yan, H. (74) 107
Hinz, H.-J., see Rösgen, J. (74) 153
Ho, C.-J., see Lin, S.-Y. (74) 1
- Ito, E., Komatsu, T. and Suzuki, H. The entropy generation in visual-pigment system by the absorption of light (74) 59
- Jacchieri, S.G. Study of α -helix to β -strand to β -sheet transitions in amyloid: the role of segregated hydrophobic β -strands (74) 23
Jeltsch, A. Flexibility of DNA in complex with proteins deduced from the distribution of bending angles observed by scanning force microscopy (74) 53
- Kaliannan, P., Gromiha, M.M., Ramamurthi, K. and Elanthiraiyan M. Solvent accessibility studies on glycosaminoglycans (74) 11
Khoshbarchi, M.K., see Soto, A. (74) 165
Kim, D.-S., Takezawa, Y., Ogino, M., Kobayashi, T., Arata, T. and Wakabayashi, K. X-ray diffraction studies on the structural changes of rigor muscles induced by binding of phosphate analogs in the presence of MgADP (74) 71
Kim, J.-M., see Son, G.-S. (74) 225
Kim, S.K., see Son, G.-S. (74) 225
Kinoshita, K., Furuike, S. and Yamazaki, M. Intermembrane distance in multilamellar vesicles of phosphatidylcholine depends on the interaction free energy between solvents and the hydrophilic segments of the membrane surface (74) 237
Kobayashi, T., see Kim, D.-S. (74) 71
Komatsu, T., see Ito, E. (74) 59
Kothari, R., see Lange, D.C. (74) 45
Kronberg, B., see Costas, M. (74) 83
- Lange, D.C., Kothari, R., Patel, R.C. and Patel, S.C. Retinol and retinoic acid bind to a surface cleft in bovine b-lactoglobulin: a method of binding site determination using fluorescence resonance energy transfer (74) 45
Li, M.-J., see Lin, S.-Y. (74) 1
Lin, S.-Y., Ho, C.-J. and Li, M.-J. Thermal stability and reversibility of secondary conformation of α -crystallin membrane during repeated heating processes (74) 1
Lopez, M.M. and Makhataдзе, G.I. Solvent isotope effect on thermodynamics of hydration (74) 117

- Louro, S.R.W., Anteneodo, C. and Wajnberg, E. Carboxyl groups at the membrane interface as molecular targets for local anesthetics (74) 35
- Makhatadze, G.I., see Lopez, M.M. (74) 117
- Manning, G.S., see Fenley, M.O. (74) 135
- Marky, N.L., see Fenley, M.O. (74) 135
- Martiel, J.L., see Pérez-Iratxeta, C. (74) 197
- Matejec, R. and Schönert, H. Determination of protein association constants by electrophoresis (74) 99
- Moon, H.R., see Son, G.-S. (74) 225
- Morán, F., see Pérez-Iratxeta, C. (74) 197
- Mukhopadhyay, K. and Basak, S. Conformation induction in melanotropic peptides by trifluoroethanol: fluorescence and circular dichroism study (74) 175
- Nam, W., see Son, G.-S. (74) 225
- Niel, B., see Fernández, A. (74) 89
- Ogino, M., see Kim, D.-S. (74) 71
- Olson, W.K., see Fenley, M.O. (74) 135
- Patel, R.C., see Lange, D.C. (74) 45
- Patel, S.C., see Lange, D.C. (74) 45
- Pérez-Iratxeta, C., Halloy, J., Morán, F., Martiel, J.L. and Goldbeter, A. Coexistence of multiple propagating wavefronts in a regulated enzyme reaction model: link with birhythmicity and multi-threshold excitability (74) 197
- Ramamurthi, K., see Kaliannan, P. (74) 11
- Rösgen, J., Hallerbach, B. and Hinz, H.-J. The 'Janus' nature of proteins: systems at the verge of the microscopic and macroscopic world (74) 153
- Schönert, H., see Matejec, R. (74) 99
- Son, G.-S., Yeo, J.-A., Kim, J.-M., Kim, S.K., Moon, H.R. and Nam, W. Base specific complex formation of norfloxacin with DNA (74) 225
- Soto, A., Arce, A. and Khoshbarchi, M.K. Experimental data and modelling of apparent molar volumes, isentropic compressibilities and refractive indices in aqueous solutions of glycine + NaCl (74) 165
- Suzuki, H., see Ito, E. (74) 59
- Takezawa, Y., see Kim, D.-S. (74) 71
- van der Mei, H.C., see Bos, R. (74) 251
- Wajnberg, E., see Louro, S.R.W. (74) 35
- Wakabayashi, K., see Kim, D.-S. (74) 71
- Walleczek, J., see Eichwald, C. (74) 209
- Yamazaki, M., see Kinoshita, K. (74) 237
- Yan, H., Cheng, X. and He, B. Calculation of concentrations of equilibrium components in an in vitro activity test of vancomycin antibiotics and the possible mode of action (74) 107
- Yeo, J.-A., see Son, G.-S. (74) 225