



ELSEVIER

Biophysical Chemistry 107 (2004) 331–332

Biophysical  
Chemistry

www.elsevier.com/locate/bpc

## Author Index to Volume 107

- Ahmad, S., see Gromiha, M.M. (107) 263  
Andolfi, L., Canters, G.W., Verbeet, M.Ph., Cannistraro, S. Scanning tunneling spectroscopy investigation of self-assembled plastocyanin mutants onto gold substrates under controlled environment (107) 107  
Ansell, S., Neilson, G.W. EXAFS studies of structural changes in fragile glasses of zinc nitrate and nickel nitrate hydrates (107) 229  
Anselmi, C., see Scipioni, A. (107) 7  
Aponte, C., see Isea, R. (107) 101  
Aquart, D.V., Dasgupta, T.P. Dynamics of interaction of vitamin C with some potent nitrovasodilators, *S*-nitroso-*N*-acetyl-D,L-penicillamine (SNAP) and *S*-nitrosocaptopril (SNOCap), in aqueous solution (107) 117  
Arakawa, H., see Okajima, T. (107) 51  
  
Batsilas, L., see Berezhkovskii, A.M. (107) 221  
Berezhkovskii, A.M., Batsilas, L., Shvartsman, S.Y. Ligand trapping in epithelial layers and cell cultures (107) 221  
Bizzarri, P., see Di Stasio, E. (107) 197  
Blanch, H.W., see Liu, W. (107) 289  
Brancaccio, A., see Di Stasio, E. (107) 197  
Bratko, D., see Liu, W. (107) 289  
  
Cannistraro, S., see Andolfi, L. (107) 107  
Canters, G.W., see Andolfi, L. (107) 107  
Carrillo-Nava, E., Dohnal, V., Costas, M. Modeling Gibbs energies of solution for a non-polar solute in aqueous solutions of the protein stabilizers glycerol and ethylene glycol (107) 19  
Casarino, C., see Militello, V. (107) 175  
Castanho, M.A.R.B., see Santos, N.C. (107) 133  
Cipriani, R., see Isea, R. (107) 101  
Costa, S.M.B., see Tatikolov, A.S. (107) 33  
Costas, M., see Carrillo-Nava, E. (107) 19  
Cui, W., see Mao, X.-a. (107) 255  
  
Dasgupta, T.P., see Aquart, D.V. (107) 117  
De Santis, P., see Scipioni, A. (107) 7  
Di Stasio, E., Bizzarri, P., Misiti, F., Pavoni, E., Brancaccio, A. A fast and accurate procedure to collect and analyze unfolding fluorescence signal: the case of dystroglycan domains (107) 197  
  
Ding, W., see Zhao, G. (107) 189  
Dohnal, V., see Carrillo-Nava, E. (107) 19  
  
Emanuele, A., see Militello, V. (107) 175  
  
Fernandes, G., see Hanaoka, K. (107) 71  
  
Gao, D., see Zhao, G. (107) 189  
Giostra, A., see Militello, V. (107) 175  
Gmeiner, W.H., see Mao, X.-a. (107) 255  
Gromiha, M.M., Saraboji, K., Ahmad, S., Ponnuswamy, M.N., Suwa, M. Role of non-covalent interactions for determining the folding rate of two-state proteins (107) 263  
  
Hall, D., Minton, A.P. Effects of inert volume-excluding macromolecules on protein fiber formation. II. Kinetic models for nucleated fiber growth (107) 299  
Hanaoka, K., Sun, D., Lawrence, R., Kamitani, Y., Fernandes, G. The mechanism of the enhanced antioxidant effects against superoxide anion radicals of reduced water produced by electrolysis (107) 71  
Hara, M., see Nakagaki, T. (107) 1  
Hatori, K., Sakamaki, Jun'ichi., Honda, H., Shimada, K., Matsuno, K. Transition from contractile to protractile distortions occurring along an actin filament sliding on myosin molecules (107) 283  
He, L., see Zhao, G. (107) 189  
Honda, H., see Hatori, K. (107) 283  
  
Ikai, A., see Okajima, T. (107) 51  
Isea, R., Aponte, C., Cipriani, R. Can the RNA of the cowpea chlorotic mottle virus be released through a channel by means of free diffusion? A test in silico (107) 101  
  
Kamitani, Y., see Hanaoka, K. (107) 71  
Kodaka, M. Requirements for generating sigmoidal time-course aggregation in nucleation-dependent polymerization model (107) 243  
Kummer, U., see Larsen, A.Zahle. (107) 83  
  
Larsen, A.Z., Olsen, L.F., Kummer, U. On the encoding and decoding of calcium signals in hepatocytes (107) 83

- Lawrence, R., see Hanaoka, K. (107) 71
- Leone, M., see Militello, V. (107) 175
- Li, Y., see Zhou, Y. (107) 273
- Liu, W., Bratko, D., Prausnitz, J.M., Blanch, H.W. Effect of alcohols on aqueous lysozyme-lysozyme interactions from static light-scattering measurements (107) 289
- Liu, Z., see Zhao, G. (107) 189
- Luo, D., see Zhao, G. (107) 189
- Mao, X.-a., Cui, W., Gmeiner, W.H. Line shape analyses for water  $^{17}\text{O}$  NMR quintet observed in a bacteriophage Pf1 solution at different temperatures (107) 255
- Matsuno, K., see Hatori, K. (107) 283
- Mendoza, C., see Schnell, S. (107) 165
- Militello, V., Casarino, C., Emanuele, A., Giostra, A., Pullara, F., Leone, M. Aggregation kinetics of bovine serum albumin studied by FTIR spectroscopy and light scattering (107) 175
- Minton, A.P., see Hall, D. (107) 299
- Misiti, F., see Di Stasio, E. (107) 197
- Nakagaki, T., Yamada, H., Hara, M. Smart network solutions in an amoeboid organism (107) 1
- Neilson, G.W., see Ansell, S. (107) 229
- Okajima, T., Arakawa, H., Taufiq Alam, M., Sekiguchi, H., Ikai, A. Dynamics of a partially stretched protein molecule studied using an atomic force microscope (107) 51
- Olsen, L.F., see Larsen, A.Z. (107) 83
- Pasenkiewicz-Gierula, M., see Róg, T. (107) 151
- Pavoni, E., see Di Stasio, E. (107) 197
- Picorel, R., see Velitchkova, M.Y. (107) 25
- Pisano, S., see Scipioni, A. (107) 7
- Ponnuswamy, M.N., see Gromiha, M.M. (107) 263
- Prausnitz, J.M., see Liu, W. (107) 289
- Pullara, F., see Militello, V. (107) 175
- Róg, T., Pasenkiewicz-Gierula, M. Non-polar interactions between cholesterol and phospholipids: a molecular dynamics simulation study (107) 151
- Sakamaki, Jun'ichi., see Hatori, K. (107) 283
- Santos, N.C., Castanho, M.A.R.B. An overview of the biophysical applications of atomic force microscopy (107) 133
- Saraboji, K., see Gromiha, M.M. (107) 263
- Savino, M., see Scipioni, A. (107) 7
- Schnell, S., Mendoza, C. The condition for pseudo-first-order kinetics in enzymatic reactions is independent of the initial enzyme concentration (107) 165
- Scipioni, A., Pisano, S., Anselmi, C., Savino, M., De Santis, P. Dual role of sequence-dependent DNA curvature in nucleosome stability: the critical test of highly bent *Crithidia fasciculata* DNA tract (107) 7
- Sekiguchi, H., see Okajima, T. (107) 51
- Shimada, K., see Hatori, K. (107) 283
- Shvartsman, S.Y., see Berezhkovskii, A.M. (107) 221
- Sun, D., see Hanaoka, K. (107) 71
- Suwa, M., see Gromiha, M.M. (107) 263
- Tai, K. Conformational sampling for the impatient (107) 213
- Takashima, S. The dipole moments of membrane proteins: potassium channel proteins. II. T1 assembly. Search for the voltage sensor (107) 63
- Tatikolov, A.S., Costa, S.M.B. Complexation of polymethine dyes with human serum albumin: a spectroscopic study (107) 33
- Taufiq Alam, M., see Okajima, T. (107) 51
- Velitchkova, M.Y., Picorel, R. Photobleaching of photosynthetic pigments in spinach thylakoid membranes. Effect of temperature, oxygen and DCMU (107) 25
- Verbeet, M.Ph., see Andolfi, L. (107) 107
- Winzor, D.J., see Reappraisal of disparities between osmolality estimates by freezing point depression and vapor pressure deficit methods (107) 317
- Yamada, H., see Nakagaki, T. (107) 1
- Zhang, H., see Zhao, G. (107) 189
- Zhao, G., He, L., Zhang, H., Ding, W., Liu, Z., Luo, D., Gao, D. Trapped water of human erythrocytes and its application in cryopreservation (107) 189
- Zhou, Y., Li, Y. Studies of interaction between poly(allylamine hydrochloride) and double helix DNA by spectral methods (107) 273