



ELSEVIER

Biophysical Chemistry 109 (2004) 451–453

Biophysical
Chemistry

www.elsevier.com/locate/bpc

Author Index to Volume 109

- Alberty, R.A. Equilibrium concentrations for pyruvate dehydrogenase and the citric acid cycle at specified concentrations of certain coenzymes (109) 73
- Alsina, M.A., see Dastis, M. (109) 375
- Andersen, C., see Ruiz, N. (109) 215
- Arcovito, A., see Lamb, D.C. (109) 41
- Bae, Y.C., see Park, E.J. (109) 169
- Balgavý, P., see Uhríková, D. (109) 361
- Benz, R., see Ruiz, N. (109) 215
- Bertau, M., see Brusch, L. (109) 413
- Bisch, P.M., see Costa, L.T. (109) 63
- Borer, P.N., see Boudreau, E.A. (109) 333
- Boudreau, E.A., Pelczar, I., Borer, P.N., Heffron, G.J., LaPlante, S.R. Changes in drug ^{13}C NMR chemical shifts as a tool for monitoring interactions with DNA (109) 333
- Brancaleon, L., Magennis, S.W., Samuel, I.D.W., Namdas, E., Lesar, A., Moseley, H. Characterization of the photoproducts of protoporphyrin IX bound to human serum albumin and immunoglobulin G (109) 351
- Brunori, M., see Lamb, D.C. (109) 41
- Brusch, L., Cuniberti, G., Bertau, M. Model evaluation for glycolytic oscillations in yeast biotransformations of xenobiotics (109) 413
- Bunker, J., see Wilson, P.E. (109) 305
- Caetano, W., see Hidalgo, A.A. (109) 85
- Cárdenas, H., see Suwalsky, M. (109) 189
- Carpenter, K., see Lu, J. (109) 105
- Chattopadhyay, N., see Mallick, A. (109) 261
- Cheng, P., see Sun, Y.-J. (109) 281
- Ching, C.-B., see Lu, J. (109) 105
- Costa, L.T., Pinto, J.R., Moraes, M.B., de Souza, G.G.B., Sorenson, M.M., Bisch, P.M., Weissmüller, G. Chemical treatment of mica for atomic force microscopy can affect biological sample conformation (109) 63
- Cuevas, F., see Suwalsky, M. (109) 189
- Cuniberti, G., see Brusch, L. (109) 413
- Das, S., see Mir, M.A. (109) 121
- Dasgupta, D., see Mir, M.A. (109) 121
- Dastis, M., Rojo, N., Alsina, M.A., Haro, I., Panda, A.K., Mestres, C. Study in mono and bilayers of the interaction of hepatitis G virus (GBV-C/HGV) synthetic antigen E2(99-118) with cell membrane phospholipids (109) 375
- de Souza, G.G.B., see Costa, L.T. (109) 63
- Demchenko, A.P., see Yesylevskyy, S.O. (109) 17
- Dobryszewski, P., see Wesołowska, O. (109) 399
- Doltchinkova, V., Georgieva, K., Traytcheva, N., Slavov, C., Mishev, K. Melittin-induced changes in thylakoid membranes: particle electrophoresis and light scattering study (109) 387
- Draghi, F., see Lamb, D.C. (109) 41
- Gallicchio, E., see Su, Y. (109) 251
- Georgieva, K., see Doltchinkova, V. (109) 387
- Gordeliy, V., see Uhríková, D. (109) 361
- Haro, I., see Dastis, M. (109) 375
- Hatori, K., Okeno, Y., Honda, H., Shimada, K., Matsuno, K. Enhancing the staggered fluctuations of an actin filament sliding on *Chara* myosin (109) 345
- Heffron, G.J., see Boudreau, E.A. (109) 333
- Hellmann, N. Bohr-effect and buffering capacity of hemocyanin from the tarantula *E. californicum* (109) 157
- Hendrich, A.B., see Wesołowska, O. (109) 399
- Hidalgo, A.A., Caetano, W., Tabak, M., Oliveira, O.N. Interaction of two phenothiazine derivatives with phospholipid monolayers (109) 85
- Honda, H., see Hatori, K. (109) 345
- Ingalls, B., see Sauro, H.M. (109) 1
- Jiang, Z.-H., see Sun, Y.-J. (109) 281
- Kapoor, S., see Rele, M. (109) 113
- Kawase, M., see Wesołowska, O. (109) 399
- Kidokoro, S.-i., see Nakamura, S. (109) 229
- Kishore, N., see Kundu, A. (109) 427
- Kodaka, M. Interpretation of concentration-dependence in aggregation kinetics (109) 325

- Kundu, A., Kishore, N. Interaction of 2,2,2-trifluoroethanol with proteins: calorimetric, densimetric and surface tension approach (109) 427
- Lamb, D.C., Arcovito, A., Nienhaus, K., Minkow, O., Draghi, F., Brunori, M., Nienhaus, G.U. Structural dynamics of myoglobin: an infrared kinetic study of ligand migration in mutants YQR and YQRF (109) 41
- LaPlante, S.R., see Boudreau, E.A. (109) 333
- Lesar, A., see Brancalion, L. (109) 351
- Li, R.-J., see Lu, J. (109) 105
- Li, S.J., Yamazaki, M. Low concentration of dioleoylphosphatidic acid induces an inverted hexagonal (H_{II}) phase transition in dipalmitoleoylphosphatidylethanolamine membranes (109) 149
- Liao, D.-Z., see Sun, Y.-J. (109) 281
- Lin, H.-K., see Sun, Y.-J. (109) 281
- Lowery, T.J., see Wilson, P.E. (109) 305
- Lu, J., Carpenter, K., Li, R.-J., Wang, X.-J., Ching, C.-B. Cloud-point temperature and liquid-liquid phase separation of supersaturated lysozyme solution (109) 105
- Magennis, S.W., see Brancalion, L. (109) 351
- Maier, E., see Ruiz, N. (109) 215
- Mallick, A., Chattopadhyay, N. Photophysics of norharmane in micellar environments: a fluorometric study (109) 261
- Martin, R.B. Hidden assumptions in a maximum-entropy method stacking analyses (109) 59
- Matsuno, K., see Hatori, K. (109) 345
- Mestres, C., see Dastis, M. (109) 375
- Michalak, K., see Wesołowska, O. (109) 399
- Minkow, O., see Lamb, D.C. (109) 41
- Mir, M.A., Das, S., Dasgupta, D. N-terminal tail domains of core histones in nucleosome block the access of anticancer drugs, mithramycin and daunomycin, to the nucleosomal DNA (109) 121
- Mishev, K., see Doltchinkova, V. (109) 387
- Moraes, M.B., see Costa, L.T. (109) 63
- Moseley, H., see Brancalion, L. (109) 351
- Motohashi, N., see Wesołowska, O. (109) 399
- Mukherjee, T., see Rele, M. (109) 113
- Nair, C.K.K., see Rele, M. (109) 113
- Nakamura, S., Kidokoro, S.-i. Isothermal acid-titration calorimetry for evaluating the pH dependence of protein stability (109) 229
- Namdas, E., see Brancalion, L. (109) 351
- Nienhaus, G.U., see Lamb, D.C. (109) 41
- Nienhaus, K., see Lamb, D.C. (109) 41
- Norris, B., see Suwalsky, M. (109) 189
- Okeno, Y., see Hatori, K. (109) 345
- Oliveira, O.N., see Hidalgo, A.A. (109) 85
- Ožyhar, A., see Wesołowska, O. (109) 399
- Panda, A.K., see Dastis, M. (109) 375
- Park, E.J., Bae, Y.C. Cloud-point temperatures of lysozyme in electrolyte solutions by thermooptical analysis technique (109) 169
- Pelczar, I., see Boudreau, E.A. (109) 333
- Pernak, A., see Różycka-Roszak, B. (109) 271
- Perrella, M., Russo, R. The hemoglobin cyanomet ligation analogue and carbon monoxide induce similar allosteric mechanisms (109) 201
- Pichierri, F. A quantum mechanical study on phosphotyrosyl peptide binding to the SH2 domain of p56^{lck} tyrosine kinase with insights into the biochemistry of intracellular signal transduction events (109) 295
- Pinto, J.R., see Costa, L.T. (109) 63
- Przyczyna, A., see Różycka-Roszak, B. (109) 271
- Rapp, G., see Uhríková, D. (109) 361
- Rele, M., Kapoor, S., Salvi, V., Nair, C.K.K., Mukherjee, T. Redox reactions and fluorescence spectroscopic behaviour of trifluoperazine at the surface of colloidal silica (109) 113
- Rojó, N., see Dastis, M. (109) 375
- Różycka-Roszak, B., Przyczyna, A., Pernak, A. A study on the interaction between 1-decyloxymethyl-3-carbamoyl-pyridinium salts and model membranes—the effect of counterions (109) 271
- Ruiz, N., Maier, E., Andersen, C., Benz, R., Viñas, M. Molecular and functional characterisation of the *Serratia marcescens* outer membrane protein Omp1 (109) 215
- Russo, R., see Perrella, M. (109) 201
- Salvi, V., see Rele, M. (109) 113
- Samuel, I.D.W., see Brancalion, L. (109) 351
- Sauro, H.M., Ingalls, B. Conservation analysis in biochemical networks: computational issues for software writers (109) 1
- Schneider, C., see Suwalsky, M. (109) 189
- Sharp, K.A., see Yang, C. (109) 137
- Shen, P.-W., see Sun, Y.-J. (109) 281
- Shimada, K., see Hatori, K. (109) 345
- Slavov, C., see Doltchinkova, V. (109) 387
- Sorenson, M.M., see Costa, L.T. (109) 63
- Sotomayor, C.P., see Suwalsky, M. (109) 189
- Su, Y., Gallicchio, E. The non-polar solvent potential of mean force for the dimerization of alanine dipeptide: the role of solute-solvent van der Waals interactions (109) 251
- Sun, Y.-J., Zhang, L.-Z., Cheng, P., Lin, H.-K., Yan, S.-P., Liao, D.-Z., Jiang, Z.-H., Shen, P.-W. Spectroscopic properties, catalytic activities and mechanism studies of $[(\text{Tp}^{\text{Ph}})\text{Co}(\text{X})(\text{CH}_3\text{OH})_m] \cdot n\text{CH}_3\text{OH}$: bicarbonate dehydration in the presence of inhibitors (109) 281
- Suwalsky, M., Schneider, C., Villena, F., Norris, B., Cárdenas, H., Cuevas, F., Sotomayor, C.P. Effects of the local anesthetic benzocaine on the human erythrocyte membrane and molecular models (109) 189

- Tabak, M., see Hidalgo, A.A. (109) 85
- Traytcheva, N., see Doltchinkova, V. (109) 387
- Uhríková, D., Rapp, G., Yaradaikin, S., Gordeliy, V., Balgavý, P. Influence of local anesthetics on the phosphatidylcholine model membrane: small-angle synchrotron X-ray diffraction and neutron scattering study (109) 361
- Villena, F., see Suwalsky, M. (109) 189
- Viñas, M., see Ruiz, N. (109) 215
- Wang, X.-J., see Lu, J. (109) 105
- Watt, G.D., see Wilson, P.E. (109) 305
- Weissmüller, G., see Costa, L.T. (109) 63
- Wesołowska, O., Hendrich, A.B., Motohashi, N., Kawase, M., Dobryszewski, P., Ożyhar, A., Michalak, K. Presence of anionic phospholipids rules the membrane localization of phenothiazine type multidrug resistance modulator (109) 399
- Wilson, P.E., Bunker, J., Lowery, T.J., Watt, G.D. Reduction of nitrogenase Fe protein from *Azotobacter vinelandii* by dithionite: quantitative and qualitative effects of nucleotides, temperature, pH and reaction buffer (109) 305
- Yamazaki, M., see Li, S.J. (109) 149
- Yan, S.-P., see Sun, Y.-J. (109) 281
- Yang, C., Sharp, K.A. The mechanism of the type III antifreeze protein action: a computational study (109) 137
- Yaradaikin, S., see Uhríková, D. (109) 361
- Yesylevskyy, S.O., Demchenko, A.P. Towards realistic description of collective motions in the lattice protein folding models (109) 17
- Zhang, L.Z., see Sun, Y.-J. (109) 281