

Author Index Volume 16 (2002)

- Alonso, M., see Dybal, J. (3,4) 251–255
Amemiya, Y., see Kuwajima, K. (3,4) 127–138
Amenitsch, H., see López, O. (3,4) 343–350
Arai, M., see Kuwajima, K. (3,4) 127–138
Arakawa, T., see Saitô, H. (3,4) 107–120
- Bakran, A., see Kemp, G.J. (3,4) 317–334
Bekers, M., see Grubę M. (3,4) 289–296
Bimson, W.E., see Kemp, G.J. (3,4) 317–334
Bishop, A.E., see Notingher, I. (2) 43– 51
Bothner, B., L. Carmitchel, K. Staniszewski, M. Sonderegger and G. Siuzdak, Biomolecule structure characterization in the gas phase using mass spectrometry (2) 71– 79
- Caelles, J., see López, O. (3,4) 343–350
Cardoso, I., see Gales, L. (3,4) 281–283
Carmitchel, L., see Bothner, B. (2) 71– 79
Caronna, C. and A. Cupane, Dynamics and protein–solvent interactions of hemoglobin in T and R quaternary conformation (3,4) 227–233
Cherniske, S., see Jia, Q. (3,4) 171–181
Cócera, M., O. López, J. Estelrich, J.L. Parra and A. de la Maza, Study of surfactant–liposome interactions at sublytic level by means of a surface probe (3,4) 235–244
Cócera, M., see López, O. (3,4) 343–350
Coderch, L., see López, O. (3,4) 343–350
Cortes-Guzman, M., see Jia, Q. (3,4) 171–181
Crupi, V., S. Galli, D. Majolino, P. Migliardo, S. Pergolizzi and V. Venuti, Recent results on biomedical problems: A Fourier transform infrared (FT-IR) study (3,4) 245–250
Cunningham, D.G., see Pudney, P.D.A. (3,4) 217–225
Cupane, A., see Caronna, C. (3,4) 227–233
Czeslik, C., G. Jackler and C. Royer, Driving forces for the adsorption of enzymes at the water/silica interface studied by total internal reflection fluorescence spectroscopy and optical reflectometry (3,4) 139–145
- Damas, A.M., see Gales, L. (3,4) 281–283
Deinum, J., see Elg, S. (3,4) 257–270
de la Maza, A., see Cócera, M. (3,4) 235–244
de la Maza, A., see López, O. (3,4) 343–350
Dunn, M.F., see Schlein, M. (3,4) 147–159
Dybal, J., P. Schmidt, D. Kurková, J. Kříž, J.C. Rodríguez-Cabello and M. Alonso, Temperature induced conformational transitions of elastin-like polypentapeptides studied by Raman and NMR spectroscopy (3,4) 251–255
- Ehara, S., see Yoshioka, Y. (3,4) 183–190
El-Qisairi, A.K., High resolution ^1H and ^{13}C NMR and mass spectral studies of substituted dipyridylpyridazine (1) 37– 41

- Elg, S. and J. Deinum, The interaction between captured human thrombin and antithrombin studied by surface plasmon resonance, and the effect of melagatran (3,4) 257–270
- Estelrich, J., see Cócera, M. (3,4) 235–244
- Fayard, B., see Gales, L. (3,4) 281–283
- Fischer, T., I.I. Senin, P.P. Philippov and K.-W. Koch, Application of different lipid surfaces to monitor protein–membrane interactions by surface plasmon resonance spectroscopy (3,4) 271–279
- Frostick, S.P., see Kemp, G.J. (3,4) 317–334
- Gagnon, R.E., see Yoxall, C.W. (3,4) 191–197
- Gales, L., I. Cardoso, B. Fayard, M.J. Saraiva and A.M. Damas, Sulphur K-edge XANES spectroscopy of transthyretin amyloid fibres (3,4) 281–283
- Galli, S., see Crupi, V. (3,4) 245–250
- Goto, S. and H. Terada, Analysis of binding affinity of sugars to concanavalin A by surface plasmon resonance sensor BIACORE (3,4) 285–288
- Grandori, R., see Matecko, I. (3,4) 361–370
- Grube, M., M. Bekers, D. Upite and E. Kaminska, Infrared spectra of some fructans (3,4) 289–296
- Guo, C., see Thomas, R.N. (3,4) 387–398
- Hallén, D., see Suurkuusk, M. (3,4) 199–206
- Hammen, T., H. Stefan and B. Tomandl, The role of clinical *in vivo* 1H-MR spectroscopy in the evaluation of epilepsies (3,4) 297–306
- Hancewicz, T.M., see Pudney, P.D.A. (3,4) 217–225
- Haris, P.I., Editorial: Spectroscopy and proteomics (3,4) 103–104
- Haris, P.I., Announcement: Second International Conference on Biomedical Spectroscopy: *From bench to clinic* (3,4) 409–409
- Haris, P.I., see Hering, J.A. (2) 53– 69
- Haris, P.I., see Ozaki, Y. (3,4) 105–106
- Hench, L.L., see Notingher, I. (2) 43– 51
- Hering, J.A., P.R. Innocent and P.I. Haris, An alternative method for rapid quantification of protein secondary structure from FTIR spectra using neural networks (2) 53– 69
- Hong, M.-F., see Jia, Q. (3,4) 171–181
- Innocent, P.R., see Hering, J.A. (2) 53– 69
- Inobe, T., see Kuwajima, K. (3,4) 127–138
- Inoue, T., see Yoshioka, Y. (3,4) 183–190
- Inoue, Y., see Noguchi, T. (2) 89– 94
- Itazawa, S.-I., see Yoshioka, Y. (3,4) 183–190
- Ito, K., see Kuwajima, K. (3,4) 127–138
- Jackler, G., see Czeslik, C. (3,4) 139–145
- Jankowski, C.K. and G. Leclair, Short communication: Ibuprofen against Aspirin – you first, please! Thanks go ahead. . . (2) 95– 99
- Jia, Q., M.-F. Hong, Z.-X. Pan, C. Ritter, S. Vance, M. Cortes-Guzman and S. Cherniske, Quantification of urine 17-ketosteroid sulfates and their age correlations (3,4) 171–181
- Kaarsholm, N.C., see Schlein, M. (3,4) 147–159
- Kamagata, K., see Kuwajima, K. (3,4) 127–138
- Kambara, Y., see Yoshioka, Y. (3,4) 183–190
- Kaminska, E., see Grube, M. (3,4) 289–296

- Katoh, M., see Noguchi, T. (2) 89– 94
- Kawaminami, R., see Saitô, H. (3,4) 107–120
- Kemp, G.J., N. Roberts, W.E. Bimson, A. Bakran and S.P. Frostick, Muscle oxygenation and ATP turnover when blood flow is impaired by vascular disease (3,4) 317–334
- Kihara, H., see Kuwajima, K. (3,4) 127–138
- Koch, K.-W., see Fischer, T. (3,4) 271–279
- Kříž, J., see Dybal, J. (3,4) 251–255
- Kubokawa, M., see Yoshioka, Y. (3,4) 183–190
- Kurková, D., see Dybal, J. (3,4) 251–255
- Kuwajima, K., M. Arai, T. Inobe, K. Ito, M. Nakao, K. Maki, K. Kamagata, H. Kihara and Y. Amemiya, The use of the time-resolved X-ray solution scattering for studies of globular proteins (3,4) 127–138
- LeBlanc, J.G., see Yoxall, C.W. (3,4) 191–197
- Leclair, G., see Jankowski, C.K. (2) 95– 99
- Lees, J.G. and B.A. Wallace, Synchrotron radiation circular dichroism and conventional circular dichroism spectroscopy: A comparison (3,4) 121–125
- Li, N., see Xia, Y. (1) 1– 13
- Litscher, G. and D. Schikora, Near-infrared spectroscopy for objectifying cerebral effects of needle and laserneedle acupuncture (3,4) 335–342
- Lobato, Z., see Mansur, H. (3,4) 351–360
- López, O., M. Cócera, R. Pons, H. Amenitsch, J. Caelles, J.L. Parra, L. Coderch and A. de la Maza, Use of synchrotron radiation SAXS to study the first steps of the interaction between sodium dodecyl sulfate and charged liposomes (3,4) 343–350
- López, O., see Cócera, M. (3,4) 235–244
- Ludvigsen, S., see Schlein, M. (3,4) 147–159
- Machado, L., see Mansur, H. (3,4) 351–360
- Macnab, A.J., see Yoxall, C.W. (3,4) 191–197
- Majolino, D., see Crupi, V. (3,4) 245–250
- Maki, K., see Kuwajima, K. (3,4) 127–138
- Mansur, H., R. Oréface, M. Pereira, Z. Lobato, W. Vasconcelos and L. Machado, FTIR and UV-vis study of chemically engineered biomaterial surfaces for protein immobilization (3,4) 351–360
- Matecko, I., N. Müller and R. Grandori, Analysis of protein folding equilibria by nano-electrospray-ionization mass spectrometry (3,4) 361–370
- Menon, K., see Yoxall, C.W. (3,4) 191–197
- Meyers, A., see Sonderegger, M. (2) 81– 87
- Migliardo, P., see Crupi, V. (3,4) 245–250
- Möller, H.E. and D. Wiedermann, Magnetization-transfer ³¹P NMR of biochemical exchange *in vivo*: Application to creatine kinase kinetics (3,4) 207–216
- Morsy, M.A., Teas: Direct test on quality and antioxidant activity using electron paramagnetic resonance spectroscopy (3,4) 371–378
- Müller, N., see Matecko, I. (3,4) 361–370
- Nakao, M., see Kuwajima, K. (3,4) 127–138
- Noguchi, T., M. Katoh and Y. Inoue, A new system for detection of thermoluminescence and delayed luminescence from photosynthetic apparatus with precise temperature control (2) 89– 94
- Notingher, I., S. Verrier, H. Romanska, A.E. Bishop, J.M. Polak and L.L. Hench, *In situ* characterisation of living cells by Raman spectroscopy (2) 43– 51

- Ogawa, A., see Yoshioka, Y. (3,4) 183–190
- Oikawa, H., see Yoshioka, Y. (3,4) 183–190
- Olsen, H.B., see Schlein, M. (3,4) 147–159
- Oréface, R., see Mansur, H. (3,4) 351–360
- Ozaki, Y. and P.I. Haris, Obituary: Dennis Chapman, FRS (1927–1999): A pioneering biospectroscopist (3,4) 105–106
- Pan, Z.-X., see Jia, Q. (3,4) 171–181
- Parra, J.L., see Cócera, M. (3,4) 235–244
- Parra, J.L., see López, O. (3,4) 343–350
- Pereira, M., see Mansur, H. (3,4) 351–360
- Pergolizzi, S., see Crupi, V. (3,4) 245–250
- Philippov, P.P., see Fischer, T. (3,4) 271–279
- Polak, J.M., see Notingher, I. (2) 43– 51
- Pons, R., see López, O. (3,4) 343–350
- Pudney, P.D.A., T.M. Hancewicz and D.G. Cunningham, The use of confocal Raman spectroscopy to characterise the microstructure of complex biomaterials: foods (3,4) 217–225
- Ritter, C., see Jia, Q. (3,4) 171–181
- Roberts, N., see Kemp, G.J. (3,4) 317–334
- Rodríguez-Cabello, J.C., see Dybal, J. (3,4) 251–255
- Romanska, H., see Notingher, I. (2) 43– 51
- Royer, C., see Czeslik, C. (3,4) 139–145
- Saitô, H., R. Kawaminami, M. Tanio, T. Arakawa, S. Yamaguchi and S. Tuzi, Dynamic aspect of bacteriorhodopsin as viewed from ¹³C NMR: Conformational elucidation, surface dynamics and information transfer from the surface to inner residues (3,4) 107–120
- Samel, M., see Siigur, J. (3,4) 161–170
- Saraiva, M.J., see Gales, L. (3,4) 281–283
- Schikora, D., see Litscher, G. (3,4) 335–342
- Schlein, M., S. Ludvigsen, H.B. Olsen, M.F. Dunn and N.C. Kaarsholm, Spectroscopic characterization of insulin and small molecule ligand binding to the insulin receptor (3,4) 147–159
- Schmidt, P., see Dybal, J. (3,4) 251–255
- Senin, I.I., see Fischer, T. (3,4) 271–279
- Severcan, F., see Toyran, N. (3,4) 399–408
- Shaw, P.C., see Xia, Y. (1) 1– 13
- Siigur, E., see Siigur, J. (3,4) 161–170
- Siigur, J., K. Trummal, K. Tõnismägi, M. Samel, E. Siigur, H. Vija, I. Tammiste and J. Subbi, Use of MALDI-TOF mass spectrometry for specificity studies of biomedically important proteases (3,4) 161–170
- Siuzdak, G., see Bothner, B. (2) 71– 79
- Siuzdak, G., see Sonderegger, M. (2) 81– 87
- Siuzdak, G., see Trauger, S.A. (1) 15– 28
- Sonderegger, M., K. Staniszewski, A. Meyers and G. Siuzdak, A bioinformatics approach for mass spectrometry data processing: Applications to proteomics and small molecule analysis (2) 81– 87
- Sonderegger, M., see Bothner, B. (2) 71– 79
- Staniszewski, K., see Bothner, B. (2) 71– 79
- Staniszewski, K., see Sonderegger, M. (2) 81– 87
- Stefan, H., see Hammen, T. (3,4) 297–306

- Subbi, J., see Siigur, J. (3,4) 161–170
- Sułkowska, A., Physical aspects of the interaction of pyrimidine and purine bases with proteins (3,4) 379–385
- Suurkuusk, M. and D. Hallén, Investigation of guanidine hydrochloride induced unfolding of apolipoprotein A-I_{Milano} (3,4) 199–206
- Sze, K.H., see Xia, Y. (1) 1–13
- Tammiste, I., see Siigur, J. (3,4) 161–170
- Tanio, M., see Saitô, H. (3,4) 107–120
- Terada, H., see Goto, S. (3,4) 285–288
- Thomas, R.N. and C. Guo, Surface-functionalized, probe-containing, polymeric nanospheres for biomedical imaging (3,4) 387–398
- Tomandl, B., see Hammen, T. (3,4) 297–306
- Tõnismägi, K., see Siigur, J. (3,4) 161–170
- Toyran, N. and F. Severcan, Infrared spectroscopic studies on the dipalmitoyl phosphatidylcholine bilayer interactions with calcium phosphate: Effect of vitamin D₂ (3,4) 399–408
- Trauger, S.A., W. Webb and G. Siuzdak, Peptide and protein analysis with mass spectrometry (1) 15–28
- Trummal, K., see Siigur, J. (3,4) 161–170
- Tuzi, S., see Saitô, H. (3,4) 107–120
- Upite, D., see Grube M. (3,4) 289–296
- Vance, S., see Jia, Q. (3,4) 171–181
- Vasconcelos, W., see Mansur, H. (3,4) 351–360
- Venuti, V., see Crupi, V. (3,4) 245–250
- Verrier, S., see Notingher, I. (2) 43–51
- Vija, H., see Siigur, J. (3,4) 161–170
- Wallace, B.A., see Lees, J.G. (3,4) 121–125
- Webb, W., see Trauger, S.A. (1) 15–28
- Wiedermann, D., see Möller, H.E. (3,4) 207–216
- Xia, Y., K.H. Sze, N. Li, P.C. Shaw and G. Zhu, Protein dynamics measurements by 3D HNCO based NMR experiments (1) 1–13
- Yamaguchi, S., see Saitô, H. (3,4) 107–120
- Yildiz, A., Phosphoinositide metabolism, lithium and manic depressive illness (3,4) 307–316
- Yoshioka, Y., H. Oikawa, S. Ehara, T. Inoue, A. Ogawa, Y. Kambara, S.-I. Itazawa and M. Kubokawa, Noninvasive estimation of temperature and pH in human lower leg muscles using ¹H nuclear magnetic resonance spectroscopy (3,4) 183–190
- Yoxall, C.W., K. Menon, A.J. Macnab, R.E. Gagnon and J.G. LeBlanc, NIRS measurement of peripheral fractional oxygen extraction (FOE) after cardiopulmonary bypass (3,4) 191–197
- Zaitoun, M.A., Enhancement of Eu³⁺ emission in solution by bulky chelating ligands and deuterium substitution (1) 29–35
- Zhu, G., see Xia, Y. (1) 1–13