

AUTHOR INDEX

- Bennett, L.J., see Kita, Y. (647) 130
- Benos, D.J.
Acidification and sodium entry in frog skin epithelium (647) 40
- Bertoli, E., Masserini, M., Sonnino, S., Ghidoni, R., Cestaro, B. and Tettamanti, G.
Electron paramagnetic resonance studies on the fluidity and surface dynamics of egg phosphatidylcholine vesicles containing gangliosides (647) 196
- Biber, J., Stieger, B., Haase, W. and Murer, H.
A high yield preparation for rat kidney brush border membranes. Different behaviour of lysosomal markers (647) 169
- Blumenthal, R., see Weinstein, J.N. (647) 270
- Boivin, P., Garbarz, M., Dhermy, D. and Galand, C.
In vitro phosphorylation of the red blood cell cytoskeleton complex by cyclic AMP-dependent protein kinase from erythrocyte membrane (647) 1
- Boland, R.L., Ritz, E. and Hasselbach, W.
Preparation of sarcoplasmic reticulum with high calcium-sensitive ATPase and stable calcium transport function from rat skeletal muscle (647) 227
- Bolard, J., Vertut-Croquin, A., Cybulska, B.E. and Gary-Bobo, C.M.
Transfer of the polyene antibiotic amphotericin B between single-walled vesicles of dipalmitoylphosphatidylcholine and egg-yolk phosphatidylcholine (647) 241
- Brown, L.R. and Wüthrich, K.
Melittin bound to dodecylphosphocholine micelles. ^1H -NMR assignments and global conformational features (647) 95
- Bruckdorfer, K.R., see Giraud, F. (647) 249
- Buddecke, E., see Filipovic, I. (647) 112
- Carlsen, J., see Christiansen, K. (647) 188
- Cestaro, B., see Bertoli, E. (647) 196
- Chailley, B., see Giraud, F. (647) 249
- Christiansen, K. and Carlsen, J.
Microvillus membrane vesicles from pig small intestine. Purity and lipid composition (647) 188
- Claret, M., see Giraud, F. (647) 249
- Cullis, P.R., see Hornby, A.P. (647) 285
- Cybulska, A., see Bolard, J. (647) 241
- De Jong, W.A.C., see Van der Steen, A.T.M. (647) 63
- De Jonge, H.R., Ghijsen, W.E.J.M. and Van Os, C.H.
Phosphorylated intermediates of Ca^{2+} -ATPase and alkaline phosphatase in plasma membranes from rat duodenal epithelium (647) 140
- De Kruijff, B., see Van der Steen, A.T.M. (647) 63
- Dhermy, D., see Boivin, P. (647) 1
- Dubbelman, T.M.A.R., see Verweij, H. (647) 87
- Esmann, M., see Skou, J.C. (647) 232
- Essig, A., see Lau, Y.-T. (647) 177
- Filipovic, I., Schwarzmann, G. and Buddecke, E.
Sphingolipid-induced enhancement of receptor-mediated uptake of low density lipoproteins in normal and receptor-deficient human skin fibroblasts (647) 112
- Galand, C., see Boivin, P. (647) 1
- Garbarz, M., see Boivin, P. (647) 1
- Gary-Bobo, C.M., see Bolard, J. (647) 241
- Ghidoni, R., see Bertoli, E. (647) 196
- Ghijsen, W.E.J.M., see De Jonge, H.R. (647) 140
- Giraud, F., Claret, M., Bruckdorfer, K.R. and Chailley, B.
The effects of membrane lipid order and cholesterol on the internal and external cationic sites of the $\text{Na}^+\text{-K}^+$ pump in erythrocytes (647) 249
- Graff, J.C., see Plagemann, P.G.W. (647) 49
- Green, S.W., see Johnson, J.P. (647) 293
- Haase, W., see Biber, J. (647) 169
- Hamanaka, T., see Hiraki, K. (647) 18
- Hasselbach, W., see Boland, R.L. (647) 227
- Hiraki, K., Hamanaka, T., Mitsui, T. and Kito, Y.
Phase transitions of the purple membrane and the brown hole-membrane. X-ray diffraction, circular dichroism spectrum and absorption spectrum studies (647) 18
- Hori, R., see Inui, K.-i. (647) 150
- Hornby, A.P. and Cullis, P.R.
Influence of local and neutral anaesthetics on the polymorphic phase preferences of egg-yolk phosphatidylethanolamine (647) 285
- Ikegami, A., see Kinoshita, K., Jr. (647) 7
- Innerarity, T., see Weinstein, J.N. (647) 270
- Inui, K.-i., Okano, T., Takano, M., Kitazawa, S. and Hori, R.
A simple method for the isolation of basolateral plasma membrane vesicles from rat kidney cortex. Enzyme activities and some properties of glucose transport (647) 150
- Isomaa, B. and Paatero, G.
Shape and volume changes in rat erythrocytes induced by surface-active alkyltrimethylammonium salts and sodium dodecyl sulphate (647) 211
- Johnson, J.P. and Green, S.W.
Aldosterone stimulates Na^+ transport without affecting citrate synthase activity in cultured cells (647) 293
- Kaneshina, S., Lin, H.C. and Ueda, I.
Unisotropic solubilization of an inhalation anesthetic, methoxyflurane, into the interfacial region of cationic

- surfactant micelles (647) 223
- Karlish, S.J.D., see Muallem, S. (647) 73
- Katz, Y.
Solubility of noble gases in phospholipid membranes. A potential probe for function and structure (647) 119
- Kawato, S., see Kinosita, K., Jr. (647) 7
- King, R.J. and MacBeth, M.C.
Interaction of the lipid and protein components of pulmonary surfactant. Role of phosphatidylglycerol and calcium (647) 159
- Kinosita, K., Jr., Kawato, S., Ikegami, A., Yoshida, S. and Orii, Y.
The effect of cytochrome oxidase on lipid chain dynamics. A nanosecond fluorescence depolarization study (647) 7
- Kita, Y., Bennett, L.J. and Miller, K.W.
The partial molar volumes of anesthetics in lipid bilayers (647) 130
- Kitazawa, S., see Inui, K.-i. (647) 150
- Kito, Y., see Hiraki, K. (647) 18
- Klausner, R.D., see Weinstein, J.N. (647) 270
- Kondo, Y., see Wakayama, N. (647) 155
- Lang, M.A., see Lau, Y.-T. (647) 177
- Lau, Y.-T., Lang, M.A. and Essig, A.
Effects of antidiuretic hormone on kinetic and energetic determinants of active sodium transport in frog skin (647) 177
- Lin, H.C., see Kaneshina, S. (647) 223
- MacBeth, M.C., see King, R.J. (647) 159
- Mather, P. and Molday, R.S.
Analysis of lectin-specific cell surface glycoprotein on neuroblastoma cells (647) 259
- Marz, R., see Plagemann, P.G.W. (647) 49
- Masserini, M., see Bertoli, E. (647) 196
- Miller, K.W., see Kita, Y. (647) 130
- Mitsui, T., see Hiraki, K. (647) 18
- Molday, R.S., see Maher, P. (647) 259
- Muallem, S. and Karlish, S.J.D.
Studies on the mechanism of regulation of the red-cell Ca^{2+} pump by calmodulin and ATP (647) 73
- Murer, H., see Biber, J. (647) 169
- Okano, T., see Inui, K.-i. (647) 150
- Orii, Y., see Kinosita, K., Jr. (647) 7
- Paatero, G., see Isomaa, B. (647) 211
- Pattus, F., Rothen, C., Streit, M. and Zahler, P.
Further studies on the spreading of biomembranes at the air/water interface. Structure, composition, enzymatic activities of human erythrocyte and sarcoplasmic reticulum membrane films (647) 29
- Plagemann, P.G.W., Marz, R., Wohlhueter, R.M., Graff, J.C. and Zylka, J.M.
Facilitated transport of 6-mercaptopurine and 6-thioguanine and non-mediated permeation of 8-azaguanine in Novikoff rat hepatoma cells and relationship to intracellular phosphoribosylation (647) 49
- Poujeol, P., see Thierry, J. (647) 203
- Ralston, E., see Weinstein, J.N. (647) 270
- Resch, K., see Szamel, M. (647) 297
- Ripoche, P., see Thierry, J. (647) 203
- Ritz, E., see Boland, R.L. (647) 227
- Roelofsen, B. and Van Linde-Sibenius Trip, M.
The fraction of phosphatidylinositol that activates the $(\text{Na}^+ + \text{K}^+)\text{-ATPase}$ in rabbit kidney microsomes in closely associated with the enzyme protein (647) 302
- Rothen, C., see Pattus, F. (647) 29
- Schwarzmann, G., see Filipovic, I. (647) 112
- Skou, J.C. and Esmann, M.
Eosin, a fluorescent probe of ATP binding to the $(\text{Na}^+ + \text{K}^+)\text{-ATPase}$ (647) 232
- Sonnino, S., see Bertoli, E. (647) 196
- Stieger, B., see Biber, J. (647) 169
- Streit, M., see Pattus, F. (647) 29
- Szamel, M. and Resch, K.
Inhibition of lymphocyte activation by ouabain. Interference with the early activation of membrane phospholipid metabolism (647) 297
- Takano, M., see Inui, K.-i. (647) 150
- Tettamanti, G., see Bertoli, E. (647) 196
- Thierry, J., Poujeol, P. and Ripoche, P.
Interactions between Na^+ -dependent uptake of D-glucose, phosphate and L-alanine in rat renal brush border membrane vesicles (647) 203
- Ueda, I., see Kaneshina, S. (647) 223
- Van Deenen, L.L.M., see Van der Steen, A.T.M. (647) 63
- Van der Steen, A.T.M., De Jong, W.A.C., De Kruijff, B. and Van Deenen, L.L.M.
Lipid dependence of glycophorin-induced transbilayer movement of lysophosphatidylcholine in large unilamellar vesicles (647) 63
- Van Linde-Sibenius Trip, M., see Roelofsen, B. (647) 302
- Van Os, C.H., see De Jonge, H.R. (647) 140
- Van Steveninck, J., see Verweij, H. (647) 87
- Vertut-Croquin, A., see Bolard, J. (647) 241
- Verweij, H., Dubbelman, T.M.A.R. and Van Steveninck, J.
Photodynamic protein cross-linking (647) 87
- Wakayama, N. and Kondo, Y.
Delayed luminescence of pyrene in phosphatidylcholine dispersions (647) 155
- Weinstein, J.N., Klausner, R.D., Innerarity, T., Ralston, E. and Blumenthal, R.
Phase transition release, a new approach to the interaction of proteins with lipid vesicles. Application to lipoproteins (647) 270
- Wohlhueter, R.M., see Plagemann, P.G.W. (647) 49
- Wüthrich, K., see Brown, L.R. (647) 95
- Yoshida, S., see Kinosita, K., Jr. (647) 7
- Zahler, P., see Pattus, F. (647) 29
- Zylka, J.M., see Plagemann, P.G.W. (647) 49