

AUTHOR INDEX

- Acevedo, F., see Lundahl, P. (644) 101
- Akiyama, M.
Slow change in the repeat period of multilamellar dimyristoyl phosphatidylcholine accompanied by thermal phase transition (644) 89
- Albers, R.W., see Swann, A.C. (644) 36
- Alfsen, A., see De Paillerets, C. (644) 134
- Alling, C., see Ehrström, M. (644) 175
- Amis, E.J., Wendt, D.J., Erickson, E.D. and Yu, H.
Permeability to ions of bovine retinal disk membrane vesicles in the bleached state (644) 201
- Ashley, C.C., see Lea, T.J. (644) 74
- Backer, J.M., see Dawidowicz, E.A. (644) 373
- Balerna, M., Lombet, A., Chicheportiche, R., Romey, G. and Lazdunski, M.
Synthesis and properties of new photoactivable derivatives of tetrodotoxin (644) 219
- Barnola, F., see Beaugé, L. (644) 147
- Barros, F., De la Peña, P., Gascón, S., Ramos, S. and Lazo, P.S.
Cholera toxin induces changes in the ion permeability of intestinal brush border membranes (644) 143
- Bartosch, G.
Aging of the erythrocyte. IV. Spin-label studies of membrane lipids, proteins and permeability (644) 69
- Beaugé, L., DiPolo, R., Osse, L., Barnola, F. and Campos, M.
A (Ca^{2+} , Mg^{2+})-ATPase activity in plasma membrane fragments isolated from squid nerves (644) 147
- Bell, M.V., see Kelly, K.F. (644) 376
- Campos, M., see Beaugé, L. (644) 147
- Chapman, C.J., see Mizuno, G.R. (644) 1
- Chicheportiche, R., see Balerna, M. (644) 219
- Chipault, J.R., see Mizuno, G.R. (644) 1
- Colli, W., see Franco da Silveira, J. (644) 341
- Cushley, R.J., see Gorrisen, H. (644) 266
- Davio, S.R. and Low, P.S.
The effect of anesthetic charge of anesthetic-phospholipid interactions (644) 157
- Dawidowicz, E.A. and Backer, J.M.
The rapid transbilayer movement of thiocholesterol in small unilamellar phospholipid vesicles (644) 373
- De la Peña, P., see Barros, F. (644) 143
- Demarty, M., see Thoirion, A. (644) 24
- De Paillerets, C., Gallay, J., Vincent, M., Rogard, M. and Alfsen, A.
Membrane lipid dynamics and enzymic activity in bovine adrenal cortex microsomes (644) 134
- Deuticke, B., see Köhne, W. (644) 108
- Dickens, B.F. and Thompson, G.A., Jr.
Rapid membrane response during low-temperature acclimation. Correlation of early changes in the physical properties and lipid composition of Tetrahymena microsomal membranes (644) 211
- DiPolo, R., see Beaugé, L. (644) 147
- Dykstra, R., see Forte, J.G. (644) 257
- Ehrström, M., Harms-Ringdahl, M. and Alling, C.
Osmotic fragility and fluidity of erythrocyte membranes from rats raised on an essential fatty acid deficient diet. A spin label study (644) 175
- Erickson, E.D., see Amis, E.J. (644) 201
- Evans, W.H., see Zachowski, A. (644) 121
- Fewtrell, C., Lagunoff, D. and Metzger, H.
Secretion from rat basophilic leukaemia cells induced by calcium ionophores. Effect of pH and metabolic inhibition (644) 363
- Forte, J.G., Poulter, J.L., Dykstra, R., Rivas, J. and Lee, H.C.
Specific modification of gastric K^{+} -stimulated ATPase activity by thimerosal (644) 257
- Franco da Silveira, J. and Colli, W.
Chemical composition of the plasma membrane from epimastigote forms of Trypanosoma cruzi (644) 341
- Fröman, G., see Lundahl, P. (644) 101
- Gallay, J., see De Paillerets, C. (644) 134
- Gascón, S., see Barros, F. (644) 143
- Ghazi, A. and Shechter, E.
Lactose transport in Escherichia coli cells. Dependence of kinetic parameters on the transmembrane electrical potential difference (644) 305
- Godfraind, T., see Morel, N. (644) 82
- Gorrisen, H., Mackay, A.L., Wassall, S.R., Valic, M.I., Tulloch, A.P. and Cushley, R.J.
Deuterium magnetic resonance of selectively deuterated cholesteryl esters in dipalmitoyl phosphatidylcholine dispersions (644) 266
- Gulik-Krzywicki, T., see Rivas, E.A. (644) 127
- Gunn, R.B., see Macintyre, J.D. (644) 351
- Gutknecht, J. and Walter, A.
Hydrofluoric and nitric acid transport through lipid bilayer membranes (644) 153
- Haest, C.W.M., see Köhne, W. (644) 108
- Hara, S., Hara, Y., Nakao, T. and Nakao, M.
Ligand-dependent reactivity of ($\text{Na}^{+} + \text{K}^{+}$)-ATPase with showdomycin (644) 53

- Hara, Y., see Hara, S. (644) 53
- Harms-Ringdahl, M., see Ehrström, M. (644) 175
- Ilundain, A. and Naftalin, R.J.
Na⁺-dependent co-transport of α -methyl D-glucoside across the mucosal border of rabbit descending colon (644) 316
- Inoue, K., see Suzuki, H. (644) 183
- Juliao, S.F., see Regen, D.M. (644) 62
- Karakozov, S.D., see Kasumov, Kh.M. (644) 369
- Kasumov, Kh.M., Mekhtiev, N.Kh. and Karakozov, S.D.
Potential dependent formation of single conducting ion channels in lipid bilayers induced by the polyene antibiotic levorin A₂ (644) 369
- Kaufmann, R., see Schlieper, P. (644) 13
- Kaufmann, R., see Schlieper, P. (644) 273
- Kawasaki, T., see Yamamoto, S.-i. (644) 192
- Kelly, K.F., Bell, M.V. and Sargent, J.R.
Effects of orthovanadate on salt and water effluxes from the gills of seawater eels, *Anguilla anguilla* (644) 376
- Kleinfeld, A.M., see Matayoshi, E.D. (644) 233
- Köhne, W., Haest, C.W.M. and Deuticke, B.
Mediated transport of anions in band 3-phospholipid vesicles (644) 108
- Lacey, J.H., see McGivan, J.D. (644) 295
- Lagunoff, D., see Fewtrell, C. (644) 363
- Lakhdar-Ghazal, F. and Tocanne, J.F.
Phase behaviour in monolayers and in water dispersions of mixtures of dimannosyl diacylglycerol with phosphatidylglycerol. Effect of monovalent and bivalent cations (644) 284
- Lamb, J.F., Ogden, P. and Simmons, N.L.
Autoradiographic localisation of [³H]ouabain bound to cultured epithelial cell monolayers of MDCK cells (644) 333
- Lazdunski, M., see Balerna, M. (644) 219
- Lazo, P.S., see Barros, F. (644) 143
- Lea, T.J. and Ashley, C.C.
Harmaline distribution in single muscle fibres and the inhibition of sodium efflux (644) 74
- Lee, H.C., see Forte, J.G. (644) 257
- Le Maire, M., see Rivas, E.A. (644) 127
- Leroy-Houyet, M.-A., see Sauvage, P. (644) 41
- Lombet, A., see Balerna, M. (644) 219
- Lopez-Saura, P., see Sauvage, P. (644) 41
- Low, P.S., see Davio, S.R. (644) 157
- Lundahl, P., Acevedo, F., Fröman, G. and Phutrakul, S.
The stereospecific D-glucose transport activity of cholate extracts from human erythrocyte membranes (644) 101
- Macintyre, J.D. and Gunn, R.G.
Activation and deactivation kinetics of Ca transport in inside-out erythrocyte membrane vesicles (644) 351
- Mackay, A.L., see Gorrissen, H. (644) 266
- Mahan, L.C., see Victoria, E.J. (644) 226
- Matayoshi, E.D. and Kleinfeld, A.M.
Emission-wavelength-dependent decay of the fluorescent probe N-phenyl-1-naphthylamine (644) 233
- McGivan, J.D., Ramsell, J.C. and Lacey, J.H.
Stimulation of alanine transport and metabolism by dibutyryl cyclic AMP in hepatocytes from fed rats. Assessment of transport as a potential rate-limiting step for alanine metabolism (644) 295
- Medda, P.K., see Schlieper, P. (644) 273
- Mekhtiev, N.Kh., see Kasumov, Kh.M. (644) 369
- Metzger, H., see Fewtrell, C. (644) 363
- Mizuno, G.R. Chapman, C.J., Chipault, J.R. and Pfeiffer, D.R.
Lipid composition and (Na⁺ + K⁺)-ATPase activity in rat lens during triparanol-induced cataract formation (644) 1
- Mohan, R., see Schlieper, P. (644) 13
- Morel, N., Wibó, M. and Godfraind, T.
A calmodulin-stimulated Ca²⁺ pump in rat aorta plasma membranes (644) 82
- Naftalin, R.J., see Ilundain, A. (644) 316
- Najjar, D.S., see Rockley, M.G. (644) 96
- Nakao, M., see Hara, S. (644) 53
- Nakao, T., see Hara, S. (644) 53
- Nojima, S., see Suzuki, T. (644) 183
- Nozawa, Y., see Ohki, K. (644) 165
- Ogden, P., see Lamb, J.F. (644) 333
- Ohki, K., Sekiya, T., Yamauchi, T. and Nozawa, Y.
Physical properties of phosphatidylcholine-phosphatidylinositol liposomes in relation to a calcium effect (644) 165
- Osses, L., see Beaugé, L. (644) 147
- Paraf, A., see Zachowski, A. (644) 121
- Peters, M.I., see Riley, M.V. (644) 251
- Pfeiffer, D.R., see Mizuno, G.R. (644) 1
- Phutrakul, S., see Lundahl, P. (644) 101
- Poulter, J.L., see Forte, J.G. (644) 257
- Puskin, J.S., see Vistnes, A.I. (644) 244
- Ramos, S., see Barros, F. (644) 143
- Ramsell, J.C., see McGivan, J.D. (644) 295
- Regen, D.M., Schraw, W.P., Tarpley, H.L. and Juliao, S.F.
Effects of thiol reagents on glucose transport in thymocytes (644) 62
- Riley, M.V. and Peters, M.I.
The localization of the anion-sensitive ATPase activity in corneal endothelium (644) 251
- Rivas, E.A., Le Maire, M. and Gulik-Krzywicki, T.
Isolation of rhodopsin by the combined action of cardiotxin and phospholipase A₂ on rod outer segment membranes (644) 127
- Rivas, J., see Forte, J.G. (644) 257
- Rockley, M.G. and Najjar, D.S.
The activation energy of incorporation of extrinsic probes in model vesicles (644) 96

- Rogard, M., see De Paillerets, C. (644) 134
- Romey, G., see Balerna, M. (644) 219
- Sargent, J.R., see Kelly, K.F. (644) 376
- Sauvage, P., Lopez-Saura, P., Leroy-Houyet, M.-A., Tulkens, P. and Trouet, A.
Analytical characterization and purification of plasma membrane from cultured hepatoma cells (HTC cells) (644) 41
- Schlieper, P., Medda, P.K. and Kaufmann, R.
Drug-induced zeta potential changes in liposomes studied by laser Doppler spectroscopy (644) 273
- Schlieper, P., Mohan, R. and Kaufmann, R.
Electrokinetic properties of $(\text{Na}^+, \text{K}^+)$ -ATPase vesicles as studied by laser Doppler spectroscopy (644) 13
- Schraw, W.P., see Regen, D.M. (644) 62
- Sekiya, T., see Ohki, K. (644) 165
- Shechter, E., see Ghazi, A. (644) 305
- Simmons, N.L., see Lamb, J.F. (644) 333
- Suzuki, T., Utsumi, H., Imoue, K. and Nojima, S.
Haptenic activity of galactosyl ceramide and its topographical distribution on liposomal membranes. I. Effect of cholesterol incorporation (644) 183
- Swann, A.C. and Albers, R.W.
Temperature effects on cation affinities of the $(\text{Na}^+, \text{K}^+)$ -ATPase of mammalian brain (644) 36
- Tarpley, H.L., see Regen, D.M. (644) 62
- Thellier, M., see Thoiron, A. (644) 24
- Thoiron, A., Thoiron, B., Demarty, M. and Thellier, M.
Compartmental analysis of sulphate transport in Lemna minor L., taking plant growth and sulphate metabolism into consideration (644) 24
- Thoiron, B., see Thoiron, A. (644) 24
- Thompson, G.A., Jr., see Dickens, B.F. (644) 211
- Tocanne, J.F., see Lakhdar-Ghazal, F. (644) 284
- Trouet, A., see Sauvage, P. (644) 41
- Tulkens, P., see Sauvage, P. (644) 41
- Tulloch, A.P., see Gorrisen, H. (644) 266
- Utsumi, H., see Suzuki, T. (644) 183
- Valic, M.I., see Gorrisen, H. (644) 266
- Van Blitterswijk, W.J., Van Hoeven, R.P. and Van der Meer, B.W.
Lipid structural order parameters (reciprocal of fluidity) in biomembranes derived from steady-state fluorescence polarization measurements (644) 323
- Van der Meer, B.W., see Van Blitterswijk, W.J. (644) 323
- Van Hoeven, R.P., see Van Blitterswijk, W.J. (644) 323
- Victoria, E.J. and Mahan, L.C.
Some properties of alkali-extracted red cell ghost membranes (644) 226
- Vincent, M., see De Paillerets, C. (644) 134
- Vistnes, A.I. and Puskin, J.S.
A spin label method for measuring internal volumes in liposomes or cells, applied to Ca-dependent fusion of negatively charged vesicles (644) 244
- Walter, A., see Gutknecht, J. (644) 153
- Wassall, S.R., see Gorrisen, H. (644) 266
- Wendt, D.J., see Amis, E.J. (644) 201
- Wibo, M., see Morel, N. (644) 82
- Yamamoto, S.-i. and Kawasaki, T.
The involvement of the membrane oxidoreduction system in stimulating amino acid uptake in Ehrlich ascites tumor cells (644) 192
- Yamauchi, T., see Ohki, K. (644) 165
- Yu, H., see Amis, E.J. (644) 201
- Zachowski, A., Evans, W.H. and Paraf. A.
Immunological evidence that plasma-membrane 5'-nucleotidase is a transmembrane protein (644) 121