

AUTHOR INDEX

- Allietta, M., see Tillack, T.W. (691) 261
- Alloisio, N., Michelon, D., Bannier, E., Revol, A., Beuzard, Y. and Delaunay, J.
Alterations of red cell membrane proteins and hemoglobin under natural and experimental oxidant stress (691) 300
- Awiszus, R., see Stark, G. (691) 188
- Bannier, E., see Alloisio, N. (691) 300
- Berteloot, A., Khan, A.H. and Ramaswamy, K.
 K^+ - and Na^+ -gradient-dependent transport of L-phenylalanine by mouse intestinal brush border membrane vesicles (691) 321
- Besio-Moreno, M., see Bizzozero, O.A. (691) 281
- Beuzard, Y., see Alloisio, N. (691) 300
- Bizzozero, O.A., Besio-Moreno, M., Pasquini, J.M., Soto, E.F. and Gómez, C.J.
An electrophoretic analysis of proteolipids from different rat brain subcellular fractions (691) 281
- Bowden, C.L. see Javors, M.A. (691) 220
- Brockerhoff, H. and Ramsammy, L.S.
Preparation and structural studies of cholesterol bilayers (691) 227
- Charalambous, B.M. and Mir, M.A.
An improved procedure for the preparation and measurement of $(Na^+ + K^+)$ -ATPase in human erythrocytes (691) 71
- Danilenko, I.I. and Stepanyuk, V.V.
Ultrastructure, composition of lipids and their fatty acids of *Candida tropicalis* strain D-2 mutants resistant to the polyene antibiotic nystatin (691) 201
- Deber, C.M., see Drobnies, A.E. (691) 30
- De Gier, J., see Van der Steen, A.T.M. (691) 13
- De Kruijff, B., see Van der Steen, A.T.M. (691) 13
- Delaunay, J., see Alloisio, N. (691) 300
- Drachev, G.Yu., see Shchipunov, Yu.A. (691) 353
- Drobnies, A.E. and Deber, C.M.
Cation transport properties of a synthetic Ca^{2+} -selective peptide ionophore in phospholipid and sarcoplasmic reticulum vesicles (691) 30
- Eatough, D.J., see Rehfeld, S.J. (691) 1
- Endo, T., see Iwamoto, K. (691) 44
- Esgate, J.A., see Sauerheber, R.D. (691) 115
- Faltin, Z., see Kosower, N.S. (691) 345
- Foder, B., see Scharff, O. (691) 133
- Fowler, M.W., see Warren, G.S. (691) 125
- Ganapathy, V. and Leibach, F.H.
Peptide transport in rabbit kidney. Studies with L-carnosine (691) 362
- Ghosh, R. and Seelig, J.
The interaction of cholesterol with bilayers of phosphatidylethanolamine (691) 151
- Gibrat, R. and Grignon, C.
Measurement of the quantum yield of 8-anilino-1-naphthalene sulphonate bound on plant microsomes. Critical application of the method of Weber and Young (691) 233
- Gómez, C.J., see Bizzozero, O.A. (691) 281
- Gonzalez-Ros, J.M., see Paraschos, A. (691) 249
- Gould, A., see Patumraj, K. (691) 37
- Gratzl, M., see Krieger-Brauer, H. (691) 61
- Grignon, C., see Gibrat, R. (691) 233
- Gutman, Y., see Zilberman, Y. (691) 106
- Hansen, L.D., see Rehfeld, S.J. (691) 1
- Hayashi, K. and Kawasaki, T.
The characteristic changes of amino acid transport during development in brush border membrane vesicles of the guinea pig ileum (691) 83
- Heath, B.P., Mohandas, N., Wyatt, J.L. and Shohet, S.B.
Deformability of isolated red blood cell membranes (691) 211
- Horák, J. and Řihová, L.
L-Proline transport in *Saccharomyces cerevisiae* (691) 144
- Inesi, G., see Kosk-Kosicka, D. (691) 193
- Inoue, K., see Iwamoto, K. (691) 44
- Inoue, K., see Oku, N. (691) 91
- Iwamoto, K., Sunamoto, J., Inoue, K., Endo, T. and Nojima, S.
Liposomal membranes. XV. Importance of surface structure in liposomal membranes of glyceroglycolipids (691) 44
- Jain, M.K., see Noggle, J.H. (691) 240
- Javors, M.A., Bowden, C.L. and Ross, D.H.
Kinetic characterization and substrate requirement for the Ca^{2+} uptake system in platelet membrane (691) 220
- Joyce, A., see Parkes, J.G. (691) 24
- Kawasaki, T., see Hayashi, K. (691) 83
- Kendall, D.A., see Oku, N. (691) 332
- Khan, A.H., see Berteloot, A. (691) 321
- King, R.G. and Marchbanks, R.M.
The effect of pH on the size of liposomes formed by cholate dialysis (691) 183
- Koren, R., see Zilberman, Y. (691) 106
- Kosk-Kosicka, D., Scales, D., Kurzmack, M. and Inesi, G.

- A serial study of muscle microsomes during the early growth of genetically dystrophic chickens (691) 193
- Kosower, N.S., Zipser, Y. and Faltin, Z.
Membrane thiol-disulfide status in glucose-6-phosphate dehydrogenase deficient red cells. Relationship to cellular glutathione (691) 345
- Krieger-Brauer, H. and Gratzl, M.
Uptake of Ca^{2+} by isolated secretory vesicles from adrenal medulla (691) 61
- Krzystyniak, K., Ryżewski, J. and Maślinski, W.
Cholinergic receptors of rat lymphocytes during adjuvant polyarthritis (691) 341
- Kuhn, C.E., see Sauerheber, R.D. (691) 115
- Kurzmack, M., see Kosk-Kosicka, D. (691) 193
- Leibach, F.H., see Ganapathy, V. (691) 362
- Lewis, E.A., see Rehfeld, S.J. (691) 1
- López, E.M., see Salas, P.J.I. (691) 178
- Lynch, E.C., see O'Rear, E.A. (691) 274
- MacDonald, R.C., see Oku, N. (691) 332
- Mandal, S.B., see Noggle, J.H. (691) 240
- Marchbanks, R.M., see King, R.G. (691) 183
- Marecek, J.F., see Noggle, J.H. (691) 240
- Martinez-Carrion, M., see Paraschos, A. (691) 249
- Maślinski, W., see Krzystyniak, K. (691) 341
- McIntire, L.V., see O'Rear, E.A. (691) 274
- McIver, D.J.L. and Schürch, S.
Interfacial free energies of intact and reconstituted erythrocyte surfaces. Implications for biological adhesion (691) 52
- Michelson, D., see Alloisio, N. (691) 300
- Mir, M.A., see Charalambous, B.M. (691) 71
- Mohandas, N., see Heath, B.P. (691) 211
- Mohri, T., see Takadera, T. (691) 293
- Murphree, S.A., Murphy, D., Sartorelli, A.C. and Tritton, T.R.
Adriamycin-liposome interactions. A magnetic resonance study of the differential effects of cardiolipin on drug-induced fusion and permeability (691) 97
- Murphy, D., see Murphree, S.A. (691) 97
- Nagatsuka, S. and Nakazawa, T.
Effects of membrane-stabilizing agents, cholesterol and cepharanthin, on radiation-induced lipid peroxidation and permeability in liposomes (691) 171
- Nakazawa, T., see Nagatsuka, S. (691) 171
- Noggle, J.H., Marecek, J.F., Mandal, S.B., Van Venetie, R., Rogers, J., Jain, M.K. and Ramirez, F.
Bilayers of phosphatidylglycerol and phosphatidylcholesterol give ^{31}P -NMR spectra characteristic for hexagonal and isotropic phases (691) 240
- Nojima, S., see Iwamoto, K. (691) 44
- Nojima, S., see Oku, N. (691) 91
- Nozawa, Y., see Oku, N. (691) 91
- Oku, N., Inoue, K., Nojima, S., Sekiya, T. and Nozawa, Y.
Electron microscopic study on the interaction of Sendai virus with liposomes containing glycophorin (691) 91
- Oku, N., Kendall, D.A. and MacDonald, R.C.
A simple procedure for the determination of the trapped volume of liposomes (691) 332
- Omorphos, S., see Rice-Evans, C. (691) 367
- O'Rear, E.A., Udden, M.M., McIntire, L.V. and Lynch, E.C.
Reduced erythrocyte deformability associated with calcium accumulation (691) 274
- Paraschos, A., Gonzalez-Ros, J.M. and Martinez-Carrion, M.
Acetylcholine receptor from *Torpedo*. Preferential solubilization and efficient reintegration into lipid vesicles (691) 249
- Parkes, J.G., Watson, H.R., Joyce, A., Phadke, R.S. and Smith, I.C.P.
Cholesterol-phospholipid interactions. The role of the 3 β -position in membrane ordering and intermembrane exchange (691) 24
- Pasquini, J.M., see Bizzozero, O.A. (691) 281
- Patumraj, K., Gould, A., Subramaniam, S. and Slaby, F.
Kinetics of protein-mediated transfer of rat pancreatic microsomal phosphatidylinositol to liposomes (691) 37
- Phadke, R.S., see Parkes, J.G. (691) 24
- Ramaswamy, K., see Berteloot, A. (691) 321
- Ramirez, F., see Noggle, J.H. (691) 240
- Ramsammy, L.S., see Brockerhoff, H. (691) 227
- Rehfeld, S.J., Hansen, L.D., Lewis, E.A. and Eatough, D.J.
Alkaline earth cation binding to large and small bilayer phosphatidylserine vesicles. A calorimetric and potentiometric study (691) 1
- Revol, A., see Alloisio, N. (691) 300
- Rice-Evans, C., Omorphos, S. and White, J.M.
The effects of hydrazine on sickle cells (691) 367
- Říhová, L., see Horák, J. (691) 144
- Rogers, J., see Noggle, J.H. (691) 240
- Romero, E., see Romero, P.J. (691) 359
- Romero, P.J. and Romero, E.
The affinity of the Ca^{2+} pump of human erythrocytes for external Na^{+} or K^{+} (691) 359
- Ross, D.H., see Javors, M.A. (691) 220
- Ruocco, M.J., and Shipley, G.G.
Characterization of the sub-transition of hydrated dipalmitoylphosphatidylcholine bilayers. Kinetic, hydration and structural study (691) 309
- Ryżewski, J., see Krzystyniak, K. (691) 341
- Salas, P.J.I. and López, E.M.
Validity of the Goldman-Hodgkin-Katz equation in paracellular ionic pathways of gallbladder epithelium (691) 178
- Sartorelli, A.C., see Murphree, S.A. (691) 97
- Sauerheber, R.D., Esgate, J.A. and Kuhn, C.E.
Alcohols inhibit adipocyte basal and insulin-stimulated glucose uptake and increase the membrane lipid fluidity (691) 115
- Scales, D., see Kosk-Kosicka, D. (691) 193
- Scharff, O. and Foder, B.
Rate constants for calmodulin binding to Ca^{2+} -ATPase in erythrocyte membranes (691) 133

- Schürch, S., see McIver, D.J.L. (691) 52
- Seelig, J., see Ghosh, R. (691) 151
- Sekiya, T., see Oku, N. (691) 91
- Shchipunov, Yu.A. and Drachev, G.Yu.
An investigation of electrical breakdown of bimolecular lipid membranes (691) 353
- Shipley, G.G., see Ruocco, M.J. (691) 309
- Shohet, S.B., see Heath, B.P. (691) 211
- Slaby, F., see Patumraj, K. (691) 37
- Smith, I.C.P., see Parkes, J.G. (691) 24
- Soto, E.F., see Bizzozero, O.A. (691) 281
- Souzu, H.
Escherichia coli B membrane stability related to cell growth phase. Measurement of temperature dependent physical state change of the membrane over a wide range (691) 161
- Stark, G. and Awiszus, R.
Anomaly of transport of dipicrylamide anions across the central barrier of planar dipalmitoylphosphatidylcholine bilayer membranes at the phase transition (691) 188
- Stepanyuk, V.V., see Danilenko, I.I. (691) 201
- Subramaniam, S., see Patumraj, K. (691) 37
- Sunamoto, J., see Iwamoto, K. (691) 44
- Takadera, T. and Mohri, T.
Effect of *N*-ethylmaleimide on leucine transport in Chang liver cells. I. Stimulatory effect on the Na⁺-independent transport at low concentrations of leucine (691) 293
- Thompson, T.E., see Tillack, T.W. (691) 261
- Tillack, T.W., Wong, M., Allietta, M. and Thompson, T.E.
Organization of the glycosphingolipid asialo-G_{M1} in phosphatidylcholine bilayers (691) 261
- Tritton, T.R., see Murphree, S.A. (691) 97
- Udden, M.M., see O'Rear, E.A. (691) 274
- Van der Steen, A.T.M., De Kruijff, B. and De Gier, J.
Glycophorin incorporation increases the bilayer permeability of large unilamellar vesicles in a lipid-dependent manner (691) 13
- Van Venetie, R., see Noggle, J.H. (691) 240
- Warren, G.S. and Fowler, M.W.
Transference of the high molecular weight carbohydrate sequences of fetuin to the surface of carrot embryo protoplasts (691) 125
- Watson, H.R., see Parkes, J.G. (691) 24
- White, J.M., see Rice-Evans, C. (691) 367
- Wong, M., see Tillack, T.W. (691) 261
- Wyatt, J.L., see Heath, B.P. (691) 211
- Zilberman, Y., Gutman, Y. and Koren, R.
The effect of verapamil, lanthanum and local anesthetics on serotonin release from rabbit platelets (691) 106
- Zipser, Y., see Kosower, N.S. (691) 345