

AUTHOR INDEX

- Alcorn, M.E. and Griffin, C.C.
A kinetic analysis of D-xylose transport in *Rhodotorula glutinis* (510) 361
- Ali, I.U. and Hynes, R.O.
Role of disulfide bonds in the attachment and function of large, external, transformation-sensitive glycoprotein at the cell surface (510) 140
- Anderson, R.E., Benolken, R.M., Kelleher, P.A., Maude, M.B. and Wiegand, R.D.
Chemistry of photoreceptor membrane preparations from squid retinas (510) 316
- Ash, P.S., Bunce, A.S., Dawson, C.R. and Hider, R.C.
The effect of synthetic polymers on the electrical and permeability properties of lipid membranes (510) 216
- Babitch, J.A., see Chiu, T.-C. (510) 112
- Benolken, R.M., see Anderson, R.E. (510) 316
- Bihler, I., Sawh, P.C. and Sloan, I.G.
Dual effect of adrenalin on sugar transport in rat diaphragm muscle (510) 349
- Blaurock, A.E.
Disorder is characteristic of nerve myelin (510) 11
- Brown, J.C., see Fong, B.S. (510) 230
- Brown, K.D. and Lamb, J.F.
An altered response of virally transformed 3T3 cells to ouabain (510) 292
- Bunce, A.S., see Ash, P.S. (510) 216
- Candia, O.A., see Reinach, P.S. (510) 327
- Chamberlain, B.K., Nozaki, Y., Tanford, C. and Webster, R.E.
Association of the major coat protein of fd bacteriophage with phospholipid vesicles (510) 18
- Cherng, S.L., see Scott, H.L. (510) 209
- Chiu, T.-C. and Babitch, J.A.
Topography of glycoproteins in the chick synaptosomal plasma membrane (510) 112
- Cousin, J.L., see Motais, R. (510) 201
- Dawson, C.R., see Ash, P.S. (510) 216
- Dawson, C.R., Drake, A.F., Helliwell, J. and Hider, R.C.
The interaction of bee melittin with lipid bilayer membranes (510) 75
- De Kruijff, B., see van den Besselaar, A.M.H.P. (510) 242
- Deuticke, B., see Fischer, T.M. (510) 270
- Devés, R. and Krupka, R.M.
A new approach in the kinetics of biological transport. The potential of reversible inhibition studies (510) 186
- Devés, R. and Krupka, R.M.
Cytochalasin B and the kinetics of inhibition of biological transport. A case of asymmetric binding to the glucose carrier (510) 339
- Drake, A.F., see Dawson, C.R. (510) 75
- Dunbar, J.C. and Ralston, G.B.
The incorporation of ^{32}P into spectrin aggregates following incubation of erythrocytes in ^{32}P -labelled inorganic phosphate (510) 283
- Ferreira, K.T.G.
The effect of copper on frog skin. The role of sulphhydryl groups (510) 298
- Fischer, T.M., Haest, C.W.M., Stöhr, M., Kamp, D. and Deuticke, B.
Selective alteration of erythrocyte deformability by SH-reagents. Evidence for an involvement of spectrin in membrane shear elasticity (510) 270
- Fong, B.S. and Brown, J.C.
Asymmetric distribution of phosphatidylethanolamine fatty acyl chains in the membrane of vesicular stomatitis virus (510) 230
- Fossel, E.T., see Koehler, K.A. (510) 177
- Fossel, E.T. and Solomon, A.K.
Ouabain-sensitive interaction between human red cell membrane and glycolytic enzyme complex in cytosol (510) 99
- Galla, H.-J., see Hartmann, W. (510) 124

- Gmeiner, J., see Nixdorff, K. (510) 87
 Green, J.W., see MacIntyre, J.D. (510) 373
 Griffin, C.C., see Alcorn, M.C. (510) 361
- Haest, C.W.M., see Fischer, T.M. (510) 270
 Harlos, K., see Watts, A. (510) 63
 Hartmann, W., Galla, H.-J. and Sackmann, E.
 Polymyxin binding to charged lipid membranes. An example of cooperative lipid-protein interaction (510) 124
 Hayashi, K., see Hayashi, F. (510) 305
 Hayashi, F., Sokabe, M., Takagi, M., Hayashi, K. and Kishimoto, U.
 Calcium-sensitive univalent cation channel formed by lysotriphosphoinositide in bilayer lipid membranes (510) 305
 Helliwell, J., see Dawson, C.R. (510) 75
 Hider, R.C., see Ash, P.S. (510) 216
 Hider, R.C., see Dawson, C.R. (510) 75
 Hynes, R.O., see Ali, I.U. (510) 140
- Irschik, H. and Reichenbach, H.
 Intracellular location of flexirubins in *Flexibacter elegans* (Cytophagales) (510) 1
- Jain, M.K., see Koehler, K.A. (510) 177
- Kamp, D., see Fischer, T.M. (510) 270
 Kelleher, P.A., see Anderson, R.E. (510) 316
 Kishimoto, U., see Hayashi, F. (510) 305
 Koehler, K.A., Jain, M.K., Stone, E.E., Fossel, E.T. and Koehler, L.S.
 Interaction of fluorinated ether anesthetics with artificial membranes (510) 177
 Koehler, L.S., see Koehler, K.A. (510) 177
 Kondo, H., see Sunamoto, J. (510) 52
 Krupka, R.M., see Devés, R. (510) 186
 Krupka, R.M., see Devés, R. (510) 339
- Lamb, J.F., see Brown, K.D. (510) 292
 Lesslauer, W.
 Phytohemagglutinin and transmembrane proteins in agglutinated sheep erythrocyte ghost membranes (510) 264
- MacIntyre, J.D. and Green, J.W.
 Stimulation of calcium transport in inside-out vesicles of human erythrocyte membranes by a soluble cytoplasmic activator (510) 373
- Marsh, D., see Watts, A. (510) 63
 Martin, H.H., see Nixdorff, K. (510) 87
 Maschke, W., see Watts, A. (510) 63
 Maude, M.B., see Anderson, R.E. (510) 316
 McIntyre, N. see Owen, J.S. (510) 168
 Miheeva, L.M., see Zaslavsky, B.Yu. (510) 160
- Modderkolk, J., see van den Thillart, G. (510) 38
- Motais, R., Sola, F. and Cousin, J.L.
 Uncouplers of oxidative phosphorylation. A structure-activity study of their inhibitory effect on passive chloride permeability (510) 201
- Nixdorff, K., Gmeiner, J. and Martin, H.H.
 Interaction of lipopolysaccharide with detergents and its possible role in the detergent resistance of the outer membrane of Gram-negative bacteria (510) 87
 Nozaki, Y., see Chamberlain, B.K. (510) 18
- Ossipov, N.N., see Zaslavsky, B.Yu. (510) 151
- Owen, J.S. and McIntyre, N.
 Erythrocyte lipid composition and sodium transport in human liver disease (510) 168
- Papahadjopoulos, D., see Poste, G. (510) 256
- Porter, C.W., see Poste, G. (510) 256
 Poste, G., Porter, C.W. and Papahadjopoulos, D.
 Identification of a potential artifact in the use of electron microscope autoradiography to localize saturated phospholipids in cells (510) 266
- Ralston, G.B., see Dunbar, J.C. (510) 283
 Reichenbach, H., see Irschik, H. (510) 1
 Reinach, P.S. and Candia, O.A.
 Effects of tryptamine on active sodium and chloride transport in the isolated bullfrog cornea (510) 327
- Rogozhin, S.V., see Zaslavsky, B.Yu. (510) 151
 Rogozhin, S.V., see Zaslavsky, B.Yu. (510) 160
- Sackmann, E., see Hartmann, W. (510) 124
 Sawh, P.C., see Bihler, I. (510) 349
 Scott, H.L. and Cherng, S.L.
 Monte Carlo studies of phospholipid lamellae. Effects of proteins, cholesterol, bilayer curvature, and lateral mobility on order parameters (510) 209
- Sloan, I.G., see Bihler, I. (510) 349
 Sokabe, M., see Hayashi, F. (510) 305
 Sola, F., see Motais, R. (510) 201
 Solomon, A.K., see Fossel, E.T. (510) 99
 Stöhr, M., see Fischer, T.M. (510) 270
 Stone, E.E., see Koehler, K.A. (510) 177
 Sunamoto, J., Kondo, H. and Yoshimatsu, A.

- Liposomal membranes. I. Chemical damage of liposomal membranes with functional detergent (510) 52
- Takagi, M., see Hayashi, F. (510) 305
- Tanford, C., see Chamberlain, B.K. (510) 18
- Van Deenen, L.L.M., see van den Besselaar, A.M.H.P. (510) 242
- Van den Besselaar, A.M.H.P., de Kruijff, B., van den Bosch, H. and van Deenen, L.L.M.
Phosphatidylcholine mobility in liver microsomal membranes (510) 242
- Van den Bosch, H., see van den Besselaar, A.M.H.P. (510) 242
- Van den Thillart, G. and Modderkolk, J.
The effect of acclimation temperature on the activation energies of state III respiration and on the unsaturation of membrane lipids of goldfish mitochondria (510) 38
- Venosa, R.A.
Stimulation of the Na^+ pump by hypotonic solutions in skeletal muscle (510) 378
- Watts, A., Harlos, K., Maschke, W. and Marsh, D.
Control of the structure and fluidity of phosphatidylglycerol bilayers by pH titration (510) 63
- Webster, R.E., see Chamberlain, B.K. (510) 18
- Wiegand, R.D., see Anderson, R.E. (510) 316
- Yoshimatsu, A., see Sunamoto, J. (510) 52
- Zaslavsky, B.Yu., Miheeva, L.M. and Rogozhin, S.V.
Possibility of analytical application of the partition in aqueous biphasic polymeric systems technique (510) 160
- Zaslavsky, B.Yu., Ossipov, N.N. and Rogozhin, S.V.
Action of surface-active substances on biological membranes. III. Comparison of hemolytic activity of ionic and nonionic surfactants (510) 151