

Author index

- Andersson, B., see Aro, E.-M. (1019) 269
- Appleby, C.A., see Williams, H.D. (1019) 225
- Aro, E.-M., Hundal, T., Carlberg, I. and Andersson, B.
In vitro studies on light-induced inhibition of Photosystem II and D₁-protein degradation at low temperatures (1019) 269
- Avron, M., see Evron, Y. (1019) 115
- Balázs, M., see Vereb, Jr., G. (1019) 159
- Beechey, R.B., see Haworth, R.S. (1019) 67
- Berden, J.A., see Groen, B.H. (1019) 121
- Bisaccia, F., De Palma, A., Prezioso, G. and Palmieri, F.
Kinetic characterization of the reconstituted tricarboxylate carrier from rat liver mitochondria (1019) 250
- Bishop, E.O., Miles, R. and Smith, B.E.
A ³¹P-NMR study of the mechanism of and salt effect on Mg²⁺-ATP exchange (1019) 276
- Brealey, C.J., see Haworth, R.S. (1019) 67
- Briskin, D.P.
The plasma membrane H⁺-ATPase of higher plant cells: biochemistry and transport function (1019) 95
- Bryant, D.A., see De Lorimier, R. (1019) 29
- Campbell, I.D., see Quirk, P.G. (1019) 81
- Canter, G.W., see Van de Kamp, M. (1019) 283
- Carlberg, I., see Aro, E.-M. (1019) 269
- Chance, B., see Hassinen, I. (1019) 73
- Cogdell, R.J., Hawthornthwaite, A.M., Evans, M.B., Ferguson, L.A., Kerfeld, C., Thornber, J.P., Van Mourik, F. and Van Grondelle, R.
Isolation and characterisation of an unusual antenna complex from the marine purple sulphur photosynthetic bacterium *Chromatium purpuratum* BN5500 (1019) 239
- Coleman, W.B. and Cunningham, C.C.
Effects of chronic ethanol consumption on the synthesis of polypeptides encoded by the hepatic mitochondrial genome (1019) 142
- Crăciun, C., see Tarba, C. (1019) 19
- Cunningham, C.C., see Coleman, W.B. (1019) 142
- Damjanovich, S., see Vereb, Jr., G. (1019) 159
- De Lorimier, R., Bryant, D.A. and Stevens, Jr., S.E.
Genetic analysis of a 9 kDa phycocyanin-associated linker polypeptide (1019) 29
- De Palma, A., see Bisaccia, F. (1019) 250
- Dreus, G., see Tadros, M.H. (1019) 245
- Evans, M.B., see Cogdell, R.J. (1019) 239
- Evron, Y. and Avron, M.
Characterization of an alkaline pH-dependent proton 'slip' in the ATP synthase of lettuce thylakoids (1019) 115
- Feher, G., see McPherson, P.H. (1019) 91
- Ferguson, L.A., see Cogdell, R.J. (1019) 239
- Finazzi Agro, A., see Van de Kamp, M. (1019) 283
- Fujimura, Y., see Murata, N. (1019) 261
- Gad'on, N., see Tadros, M.H. (1019) 245
- Garcia, A.F., see Tadros, M.H. (1019) 245
- Gläser, H.-U., Sekler, I. and Pick, U.
Indications for a K⁺/H⁺ cotransport system in plasma membranes from two acidophilic microorganisms (1019) 293
- Goñi, F.M., see González-Mañas, J.M. (1019) 167
- González-Mañas, J.M., Montoya, G., Rodríguez-Fernández, C., Gurtubay, J.I.G. and Goñi, F.M.
The interaction of Triton X-100 with purple membrane. Effect of light-dark adaptation (1019) 167
- Groen, B.H., Berden, J.A. and Van Dam, K.
Differentiation between leaks and slips in oxidative phosphorylation (1019) 121
- Gurtubay, J.I.G., see González-Mañas, J.M. (1019) 167
- Gustafsson, P., see Jansson, S. (1019) 110
- Hali, F.C., see Van de Kamp, M. (1019) 283
- Hassinen, I., Ito, K., Nioka, S. and Chance, B.
Mechanism of fatty acid effect on myocardial oxygen consumption. A phosphorus NMR study (1019) 73
- Haworth, R.S., Jensen, P.R., Michelsen, O., Wyatt, J.A., Brealey, C.J. and Beechey, R.B.
Uncoupler resistance in *E. coli* Tuv and Cuv is due to the exclusion of uncoupler by the outer membrane (1019) 67
- Hawthornthwaite, A.M., see Cogdell, R.J. (1019) 239
- Higashi, S.-I., see Murata, N. (1019) 261
- Hundal, T., see Aro, E.-M. (1019) 269
- Ito, K., see Hassinen, I. (1019) 73
- Jackson, J.B., see Jones, M.R. (1019) 51
- Jackson, J.B., see Jones, M.R. (1019) 59
- Jansson, S., Selstam, E. and Gustafsson, P.
The rapidly phosphorylated 25 kDa polypeptide of the light-harvesting complex of Photosystem II is encoded by the Type 2 *cab-II* genes (1019) 110
- Jensen, P.R., see Haworth, R.S. (1019) 67
- Jones, M.R. and Jackson, J.B.
Proton efflux from right-side-out membrane vesicles of *Rhodobacter capsulatus* after short flashes (1019) 51
- Jones, M.R., McEwan, A.G. and Jackson, J.B.
The role of *c*-type cytochromes in the photosynthetic electron transport pathway of *Rhodobacter capsulatus* (1019) 59
- Kerfeld, C., see Cogdell, R.J. (1019) 239
- Kleefeld, S., Lohse, D., Mansy, A.R. and Strotmann, H.
Activation and deactivation of the thiol-modulated chloroplast H⁺-ATPase during ATP hydrolysis (1019) 11
- Kotlyar, A.B. and Vinogradov, A.D.
Slow active/inactive transition of the mitochondrial NADH-ubiquinone reductase (1019) 151
- Lohse, D., see Kleefeld, S. (1019) 11
- Malaisse, W.J., see Sener, A. (1019) 42
- Mansy, A.R., see Kleefeld, S. (1019) 11
- Matkó, J., see Vereb, Jr., G. (1019) 159
- Matsuura, K. and Olson, J.M.
Reversible conversion of aggregated bacteriochlorophyll *c* to the monomeric form by 1-hexanol in chlorosomes from *Chlorobium* and *Chloroflexus* (1019) 233
- Mátyus, L., see Vereb, Jr., G. (1019) 159
- McEwan, A.G., see Jones, M.R. (1019) 59

- McPherson, P.H., Nagarajan, V., Parson, W.W., Okamura, M.Y. and Feher, G.
pH-dependence of the free energy gap between DQ_A and $D^+Q_A^-$ determined from delayed fluorescence in reaction centers from *Rhodobacter sphaeroides* R-26 (1019) 91
- Michelsen, O., see Haworth, R.S. (1019) 67
- Miles, R., see Bishop, E.O. (1019) 276
- Montoya, G., see González-Mañas, J.M. (1019) 167
- Murata, N., Higashi, S.-I. and Fujimura, Y.
Glycerolipids in various preparations of Photosystem II from spinach chloroplasts (1019) 261
- Nagarajan, V., see McPherson, P.H. (1019) 91
- Nioka, S., see Hassinen, I. (1019) 73
- Nishikimi, M., see Tanaka-Yamamoto, T. (1019) 257
- Okamura, M.Y., see McPherson, P.H. (1019) 91
- Olson, J.M., see Matsuura, K. (1019) 233
- Ozawa, T., see Tanaka-Yamamoto, T. (1019) 257
- Palmieri, F., see Bisaccia, F. (1019) 250
- Panyi, G., see Vereb, Jr., G. (1019) 159
- Paradies, G. and Ruggiero, F.M.
Stimulation of phosphate transport in rat-liver mitochondria by thyroid hormones (1019) 133
- Parson, W.W., see McPherson, P.H. (1019) 91
- Pick, U., see Gläser, H.-U. (1019) 293
- Poole, R.K., see Williams, H.D. (1019) 225
- Porra, R.J.
A simple method for extracting chlorophylls from the recalcitrant alga, *Nannochloris atomus*, without formation of spectroscopically-different magnesium-rhodochlorin derivatives (1019) 137
- Prezioso, G., see Bisaccia, F. (1019) 250
- Quirk, P.G. and Campbell, I.D.
 ^{31}P and ^{39}K nuclear magnetic resonance spectroscopy studies of halobacterial bioenergetics (1019) 81
- Rasschaert, J., see Sener, A. (1019) 42
- Rodríguez-Fernández, C., see González-Mañas, J.M. (1019) 167
- Rosato, N., see Van de Kamp, M. (1019) 283
- Ruggiero, F.M., see Paradies, G. (1019) 133
- Rutherford, A.W. and Sétif, P.
Orientation of P700, the primary electron donor of Photosystem I (1019) 128
- Sekler, I., see Gläser, H.-U. (1019) 293
- Selstam, E., see Jansson, S. (1019) 110
- Sener, A., Rasschaert, J. and Malaisse, W.J.
Hexose metabolism in pancreatic islets. Participation of Ca^{2+} -sensitive 2-ketoglutarate dehydrogenase in the regulation of mitochondrial function (1019) 42
- Sétif, P., see Rutherford, A.W. (1019) 128
- Shoffner, J.M., see Zheng, X. (1019) 1
- Skatchkov, M.P., see Tadros, M.H. (1019) 245
- Smith, B.E., see Bishop, E.O. (1019) 276
- Stevens, Jr., S.E., see De Lorimier, R. (1019) 29
- Strotmann, H., see Kleefeld, S. (1019) 11
- Tadros, M.H., Garcia, A.F., Drews, G., Gad'on, N. and Skatchkov, M.P.
Isolation and characterization of a light harvesting complex II lacking the γ -polypeptide from *Rhodobacter capsulatus* (1019) 245
- Tanaka-Yamamoto, T., Nishikimi, M. and Ozawa, T.
In vitro processing of the precursor to human mitochondrial cytochrome c_1 (1019) 257
- Tarba, C. and Crăciun, C.
A comparative study of the effects of procaine, lidocaine, tetracaine and dibucaine on the functions and ultrastructure of isolated rat liver mitochondria (1019) 19
- Thornber, J.P., see Cogdell, R.J. (1019) 239
- Van Dam, K., see Groen, B.H. (1019) 121
- Van de Kamp, M., Hali, F.C., Rosato, N., Finazzi Agro, A. and Canters, G.W.
Purification and characterization of a non-reconstitutable azurin, obtained by heterologous expression of the *Pseudomonas aeruginosa* *azu* gene in *Escherichia coli* (1019) 283
- Van Grondelle, R., see Cogdell, R.J. (1019) 239
- Van Mourik, F., see Cogdell, R.J. (1019) 239
- Vereb, Jr., G., Panyi, G., Balázs, M., Mátyus, L., Matkó, J. and Damjanovich, S.
Effect of cyclosporin A on the membrane potential and Ca^{2+} level of human lymphoid cell lines and mouse thymocytes (1019) 159
- Vinogradov, A.D., see Kotlyar, A.B. (1019) 151
- Voljavec, A.S., see Zheng, X. (1019) 1
- Wallace, D.C., see Zheng, X. (1019) 1
- Walz, D.
Biothermokinetics of processes and energy conversion (1019) 171
- Williams, H.D., Appleby, C.A. and Poole, R.K.
The unusual behaviour of the putative terminal oxidases of *Bradyrhizobium japonicum* bacteroids revealed by low-temperature photodissociation studies (1019) 225
- Wyatt, J.A., see Haworth, R.S. (1019) 67
- Zheng, X., Shoffner, J.M., Voljavec, A.S. and Wallace, D.C.
Evaluation of procedures for assaying oxidative phosphorylation enzyme activities in mitochondrial myopathy muscle biopsies (1019) 1