



Bioenergetics
(including Reviews on Bioenergetics)
Vol. 1230, 1995

BBA
*Biochimica
et Biophysica Acta*

Author Index

- Aartsma, T.J., see Schelvis, J.P.M. (1230) 165
 Aggeler, R., Weinreich, F. and Capaldi, R.A.
 Arrangement of the ϵ subunit in the *Escherichia coli* ATP synthase from the reactivity of cysteine residues introduced at different positions in this subunit (1230) 62
 Albertsson, P.-Å., see Wollenberger, L. (1230) 10
 Anderson, W.M. and Trgovcich-Zacok, D.
 Evidence for three separate electron flow pathways through Complex I: an inhibitor study (1230) 186
 Andersson, B., see Pålsson, L.-O. (1230) 1
 Andréasson, L.-E., Vass, I. and Styring, S.
 Ca^{2+} depletion modifies the electron transfer on both donor and acceptor sides in Photosystem II from spinach (1230) 155
 Angerhofer, A., see Hartwich, G. (1230) 97
 Arrio, B., see Zinovieva, M. (1230) 91
 Aust, V., see Hartwich, G. (1230) 97

 Belote, J.M., see Samuel, D.S. (1230) 81
 Bögershausen, O. and Junge, W.
 Rapid proton transfer under flashing light at both functional sides of dark-adapted Photosystem II particles (1230) 177
 Bosma, T., see Elferink, M.G.L. (1230) 31
 Boussac, A. and Rutherford, A.W.
 Does the formation of the S_3 -state in Ca^{2+} -depleted Photosystem II correspond to an oxidation of Tyrosine Z detectable by cw-EPR at room temperature? (1230) 195
 Bulychev, A., see Vredenberg, W. (1230) 77

 Capaldi, R.A., see Aggeler, R. (1230) 62
 Chan, S.H.P., see Samuel, D.S. (1230) 81

 Dassen, H., see Vredenberg, W. (1230) 77
 Driessen, A.J.M., see Elferink, M.G.L. (1230) 31
 Elferink, M.G.L., Bosma, T., Lolkema, J.S., Gleiszner, M., Driessen, A.J.M. and Konings, W.N.
 Thermostability of respiratory terminal oxidases in the lipid environment (1230) 31
 Espie, P., Guerin, B. and Rigoulet, M.
 On isolated hepatocytes mitochondrial swelling induced in hypoosmotic medium does not affect the respiration rate (1230) 139

 Franken, E.M., see Van der Vos, R. (1230) 51
 Fresneau, C., see Zinovieva, M. (1230) 91

 Gardet-Salvi, L., see Salamon, Z. (1230) 114
 Gast, P., see Van der Vos, R. (1230) 51
 Gavrikova, E.V., Grivennikova, V.G., Sled, V.D., Ohnishi, T. and Vinogradov, A.D.
 Kinetics of the mitochondrial three-subunit NADH dehydrogenase interaction with hexammineruthenium(III) (1230) 23
 Germano, M., see Schelvis, J.P.M. (1230) 165
 Germeroth, L., see Visschers, R.W. (1230) 147
 Gillbro, T., see Pålsson, L.-O. (1230) 1
 Gleiszner, M., see Elferink, M.G.L. (1230) 31
 Grivennikova, V.G., see Gavrikova, E.V. (1230) 23
 Guerin, B., see Espie, P. (1230) 139

 Hartwich, G., Scheer, H., Aust, V. and Angerhofer, A.
 Absorption and ADMR studies on bacterial photosynthetic reaction centres with modified pigments (1230) 97
 Hauska, G., see Ziegler, K. (1230) 202
 Hirasawa, M., see Salamon, Z. (1230) 114
 Hoff, A.J., see Van der Vos, R. (1230) 51
 Hore, P.J., see Van der Vos, R. (1230) 51

 Inoue, Y., see Nakajima, Y. (1230) 38

 Junge, W., see Bögershausen, O. (1230) 177

 Kizaki, T., see Yamashita, H. (1230) 69
 Knaff, D.B., see Salamon, Z. (1230) 114
 Komano, Y., see Nakamura, T. (1230) 170
 Konings, W.N., see Elferink, M.G.L. (1230) 31
 Kono, Y., see Shibata, H. (1230) 45

 Laheri, A.N., see Ng, T.C.N. (1230) 119
 Lill, H., see Steinemann, D. (1230) 80
 Lolkema, J.S., see Elferink, M.G.L. (1230) 31
 Ludwig, B., see Witt, H. (1230) 74

 Maier, R.J., see Ng, T.C.N. (1230) 119
 Michel, H., see Visschers, R.W. (1230) 147
 Monshouwer, R., see Visschers, R.W. (1230) 147

 Nakajima, Y., Yoshida, S., Inoue, Y., Yoneyama, K. and Ono, T.-a.
 Selective and specific degradation of the D1 protein induced by binding of a novel Photosystem II inhibitor to the Q_B site (1230) 38
 Nakamura, T., Komano, Y. and Unemoto, T.
 Three aspartic residues in membrane-spanning regions of Na^+/H^+ antiporter from *Vibrio alginolyticus* play a role in the activity of the carrier (1230) 170
 Nelson, N., see Ziegler, K. (1230) 202
 Ng, T.C.N., Laheri, A.N. and Maier, R.J.
 Cloning, sequencing, and mutagenesis of the cytochrome c_4 gene from *Azotobacter vinelandii*: characterization of the mutant strain and a proposed new branch in the respiratory chain (1230) 119

 Ochiai, H., see Shibata, H. (1230) 45
 Oerlemans, F., see Steeghs, K. (1230) 130
 Oh-ishi, S., see Yamashita, H. (1230) 69
 Ohira, Y., see Yamashita, H. (1230) 69
 Ohnishi, T., see Gavrikova, E.V. (1230) 23
 Ohno, H., see Yamashita, H. (1230) 69
 Ono, T.-a., see Nakajima, Y. (1230) 38

 Pålsson, L.-O., Tjus, S.E., Andersson, B. and Gillbro, T.
 Ultrafast energy transfer dynamics resolved in isolated spinach light-harvesting complex I and the LHC I-730 subpopulation (1230) 1

 Rigoulet, M., see Espie, P. (1230) 139
 Rutherford, A.W., see Boussac, A. (1230) 195

 Salamon, Z., Tollin, G., Hirasawa, M., Gardet-Salvi, L., Stritt-Etter, A.-L., Knaff, D.B. and Schürmann, P.

- The oxidation-reduction properties of spinach thioredoxins *f* and *m* and of ferredoxin:thioredoxin reductase (1230) 114
- Samuel, D.S., Belote, J.M. and Chan, S.H.P.
Isolation of the rat F_1 -ATPase inhibitor gene and its pseudogenes (1230) 81
- Sawa, Y., see Shibata, H. (1230) 45
- Scheer, H., see Hartwich, G. (1230) 97
- Schelvis, J.P.M., Germano, M., Aartsma, T.J. and Van Gorkom, H.J.
Energy transfer and trapping in Photosystem II core particles with closed reaction centers (1230) 165
- Schürmann, P., see Salamon, Z. (1230) 114
- Sexton, S.J., see Van der Vos, R. (1230) 51
- Shibata, H., Kono, Y., Yamashita, S., Sawa, Y., Ochiai, H. and Tanaka, K.
Degradation of chlorophyll by nitrogen dioxide generated from nitrite by the peroxidase reaction (1230) 45
- Shochat, S., see Van der Vos, R. (1230) 51
- Sled, V.D., see Gavrikova, E.V. (1230) 23
- Snel, J., see Vredenberg, W. (1230) 77
- Steeghs, K., Oerlemans, F. and Wieringa, B.
Mice deficient in ubiquitous mitochondrial creatine kinase are viable and fertile (1230) 130
- Steinmann, D. and Lill, H.
Sequence of the γ -subunit of *Spirulina platensis*: A new principle of thiol modulation of F_0F_1 ATP synthase? (1230) 80
- Stritt-Etter, A.-L., see Salamon, Z. (1230) 114
- Styring, S., see Andréasson, L.-E. (1230) 155
- Tanaka, K., see Shibata, H. (1230) 45
- Tjus, S.E., see Pålsson, L.-O. (1230) 1
- Tollin, G., see Salamon, Z. (1230) 114
- Trgovcich-Zacok, D., see Anderson, W.M. (1230) 186
- Unemoto, T., see Nakamura, T. (1230) 170
- Van der Vos, R., Franken, E.M., Sexton, S.J., Shochat, S., Gast, P., Hore, P.J. and Hoff, A.J.
Optically detected magnetic field effects on reaction centers of *Rhodobacter sphaeroides* 2.4.1 and its Tyr M210 $\rightarrow$ Trp mutant (1230) 51
- Van Gorkom, H.J., see Schelvis, J.P.M. (1230) 165
- Van Grondelle, R., see Visschers, R.W. (1230) 147
- Van Voorthuysen, T., see Vredenberg, W. (1230) 77
- Vass, I., see Andréasson, L.-E. (1230) 155
- Vinogradov, A.D., see Gavrikova, E.V. (1230) 23
- Visschers, R.W., Germeroth, L., Michel, H., Monshouwer, R. and Van Grondelle, R.
Spectroscopic properties of the light-harvesting complexes from *Rhodospirillum rubrum* (1230) 147
- Vredenberg, W., Bulchev, A., Dassen, H., Snel, J. and Van Voorthuysen, T.
A patch clamp method for determining single turnover charge separations in the chloroplast membrane (1230) 77
- Wakatsuki, T., see Yamashita, H. (1230) 69
- Weibull, C., see Wollenberger, L. (1230) 10
- Weinreich, F., see Aggeler, R. (1230) 62
- Wieringa, B., see Steeghs, K. (1230) 130
- Witt, H., Zickermann, V. and Ludwig, B.
Site-directed mutagenesis of cytochrome *c* oxidase reveals two acidic residues involved in the binding of cytochrome *c* (1230) 74
- Wollenberger, L., Weibull, C. and Albertsson, P.-Å.
Further characterization of the chloroplast grana margins: the non-detergent preparation of granal Photosystem I cannot reduce ferredoxin in the absence of NADP⁺ reduction (1230) 10
- Yamamoto, M., see Yamashita, H. (1230) 69
- Yamashita, H., Ohira, Y., Wakatsuki, T., Yamamoto, M., Kizaki, T., Oh-ishi, S. and Ohno, H.
Increased growth of brown adipose tissue but its reduced thermogenic activity in creatine-depleted rats fed β -guanidinopropionic acid (1230) 69
- Yamashita, S., see Shibata, H. (1230) 45
- Yoneyama, K., see Nakajima, Y. (1230) 38
- Yoshida, S., see Nakajima, Y. (1230) 38
- Zickermann, V., see Witt, H. (1230) 74
- Ziegler, K., Hauska, G. and Nelson, N.
Cyanidium caldarium genes encoding subunits A and B of V-ATPase (1230) 202
- Zinovieva, M., Fresneau, C. and Arrio, B.
Contribution of nitrate to H⁺ permeability of *Synechococcus* PCC 6311 plasmalemma vesicles (1230) 91