

Bioenergetics Author Index

- Aartsma, T.J., see Shkuropatov, A.Y. (1557) 1
- Albracht, S.P.J., van der Linden, E. and Faber, B.W.
Quantitative amino acid analysis of bovine NADH:ubiquinone oxidoreductase (Complex I) and related enzymes. Consequences for the number of prosthetic groups (1557) 41
- Albracht, S.P.J., see Chevallet, M. (1557) 51
- Bader, K.P., see Burda, K. (1557) 77
- Bandeiras, T.M., Salgueiro, C.A., Huber, H., Gomes, C.M. and Teixeira, M.
The respiratory chain of the thermophilic archaeon *Sulfolobus metallicus*: studies on the type-II NADH dehydrogenase (1557) 13
- Burda, K., Bader, K.P. and Schmid, G.H.
¹⁸O isotope effect in the photosynthetic water splitting process (1557) 77
- Chevallet, M., Dupuis, A., Issartel, J.-P., Lunardi, J., van Belzen, R. and Albracht, S.P.J.
Two EPR-detectable [4Fe–4S] clusters, N2a and N2b, are bound to the NuoI (TYKY) subunit of NADH:ubiquinone oxidoreductase (Complex I) from *Rhodobacter capsulatus* (1557) 51
- Chitnis, P.R., see Wade Johnson, T. (1557) 67
- Croce, R., see Jennings, R.C. (1557) 91
- Daniel Jones, A., see Wade Johnson, T. (1557) 67
- De Wijn, R., see Shkuropatov, A.Y. (1557) 1
- Dupuis, A., see Chevallet, M. (1557) 51
- Evstafieva, A.G., see Markova, O.V. (1557) 109
- Faber, B.W., see Albracht, S.P.J. (1557) 41
- Fukuda, M., see Sone, N. (1557) 125
- Garlaschi, F.M., see Jennings, R.C. (1557) 91
- Gast, P., see Shkuropatov, A.Y. (1557) 1
- Golbeck, J.H., see Wade Johnson, T. (1557) 67
- Gomes, C.M., see Bandeiras, T.M. (1557) 13
- Grossman, A.R., see Havaux, M. (1557) 21
- Guedeney, G., see Havaux, M. (1557) 21
- Havaux, M., Guedeney, G., He, Q. and Grossman, A.R.
Elimination of high-light-inducible polypeptides related to eukaryotic chlorophyll *a/b*-binding proteins results in aberrant photoacclimation in *Synechocystis* PCC6803 (1557) 21
- He, Q., see Havaux, M. (1557) 21
- Hoff, A.J., see Shkuropatov, A.Y. (1557) 1
- Huber, H., see Bandeiras, T.M. (1557) 13
- Issartel, J.-P., see Chevallet, M. (1557) 51
- Jennings, R.C., Zucchelli, G., Croce, R. and Garlaschi, F.M.
The photochemical trapping rate from red spectral states in PSI–LHCI is determined by thermal activation of energy transfer to bulk chlorophylls (1557) 91
- Jyoudai, A., see Sone, N. (1557) 125
- Katayama, S., see Sone, N. (1557) 125
- Kučera, I.
Passive penetration of nitrate through the plasma membrane of *Paracoccus denitrificans* and its potentiation by the lipophilic tetraphenylphosphonium cation (1557) 119
- Li, D., Xie, J., Zhao, Y. and Zhao, J.
Probing connection of PBS with the photosystems in intact cells of *Spirulina platensis* by temperature-induced fluorescence fluctuation (1557) 35
- Lieutaud, C., Nitschke, W., Verméglio, A., Parot, P. and Schoepp-Cothenet, B.
HiPIP in *Rubrivivax gelatinosus* is firmly associated to the membrane in a conformation efficient for electron transfer towards the photosynthetic reaction centre (1557) 83
- Lunardi, J., see Chevallet, M. (1557) 51
- Mansurova, S.E., see Markova, O.V. (1557) 109
- Markova, O.V., Evstafieva, A.G., Mansurova, S.E., Moussine, S.S., Palamarchuk, L.A., Pereverzev, M.O., Vartapetian, A.B. and Skulachev, V.P.
Cytochrome *c* is transformed from anti- to pro-oxidant when interacting with truncated oncoprotein prothymosin α (1557) 109
- Medvedev, D.M., see Zheng, X. (1557) 99
- Moussine, S.S., see Markova, O.V. (1557) 109
- Naithani, S., see Wade Johnson, T. (1557) 67
- Neerken, S., see Shkuropatov, A.Y. (1557) 1
- Nitschke, W., see Lieutaud, C. (1557) 83
- Noguchi, S., see Sone, N. (1557) 125
- Palamarchuk, L.A., see Markova, O.V. (1557) 109
- Parot, P., see Lieutaud, C. (1557) 83
- Pereverzev, M.O., see Markova, O.V. (1557) 109
- Permentier, H.P., see Shkuropatov, A.Y. (1557) 1
- Sakamoto, J., see Sone, N. (1557) 125
- Salgueiro, C.A., see Bandeiras, T.M. (1557) 13
- Schmid, G.H., see Burda, K. (1557) 77
- Schmidt, K.A., see Shkuropatov, A.Y. (1557) 1
- Schoepp-Cothenet, B., see Lieutaud, C. (1557) 83
- Shkuropatov, A.Y., Neerken, S., Permentier, H.P., de Wijn, R., Schmidt, K.A., Shuvalov, V.A., Aartsma, T.J., Gast, P. and Hoff, A.J.
The effect of exchange of bacteriopheophytin *a* with plant pheophytin *a* on charge separation in Y(M210)W mutant reaction centers of *Rhodobacter sphaeroides* at low temperature (1557) 1

- Shuvalov, V.A., see Shkuropatov, A.Y. (1557) 1
Skulachev, V.P., see Markova, O.V. (1557) 109
Sone, N., Fukuda, M., Katayama, S., Jyoudai, A., Syugyou, M., Noguchi, S. and Sakamoto, J.
 QcrCAB operon of a nocardia-form actinomycete *Rhodococcus rhodochromus* encodes cytochrome reductase complex with diheme cytochrome *cc* subunit (1557) 125
Stewart Jr., C., see Wade Johnson, T. (1557) 67
Stuchebrukhov, A.A., see Zheng, X. (1557) 99
Swanson, J., see Zheng, X. (1557) 99
Syugyou, M., see Sone, N. (1557) 125

Teixeira, M., see Bandejas, T.M. (1557) 13

Van Belzen, R., see Chevallet, M. (1557) 51
Van der Linden, E., see Albracht, S.P.J. (1557) 41
Vartapetian, A.B., see Markova, O.V. (1557) 109
Verméglio, A., see Lieutaud, C. (1557) 83

Wade Johnson, T., Naithani, S., Stewart Jr., C., Zyailov, B., Daniel Jones, A., Golbeck, J.H. and Chitnis, P.R.
 The *menD* and *menE* homologs code for 2-succinyl-6-hydroxyl-2,4-cyclohexadiene-1-carboxylate synthase and *O*-succinylbenzoic acid-CoA synthase in the phylloquinone biosynthetic pathway of *Synechocystis* sp. PCC 6803 (1557) 67

Xie, J., see Li, D. (1557) 35

Zhao, J., see Li, D. (1557) 35
Zhao, Y., see Li, D. (1557) 35
Zheng, X., Medvedev, D.M., Swanson, J. and Stuchebrukhov, A.A.
 Computer simulation of water in cytochrome *c* oxidase (1557) 99
Zucchelli, G., see Jennings, R.C. (1557) 91
Zyailov, B., see Wade Johnson, T. (1557) 67