



ELSEVIER

Author Index

- Adlercreutz, P., see Jönsson, Å. 43
Andreana, P., see Holland, H.L. L253
Anton, D.L., see Eisenberg, A. 223
Balkus Jr, K.J., see Díaz, J.F. 115
Barzana, E., see Rodríguez, M. 299
Bello, J.F., see Moreno, J.M. 177
Briggs, B.S., Kreuzman, A.J., Whitesitt, C., Yeh, W.-K. and Zmijewski, M.
Discovery, purification, and properties of *o*-phthalyl amidase from *Xanthobacter agilis* 53
Bustos, M.T., see Moreno, J.M. 177
Chen, J.-P. and Hsu, M.-S.
Preparations and properties of temperature-sensitive poly(*N*-isopropylacrylamide)-chymotrypsin conjugates 233
Cimerman, A., see Pokorný, D. 215
Combes, D., see Longo, M.A. 281
Dalton, H., see George, A.R. 103
Derouane, E.G.
Professor Sir John Meurig Thomas: First François Gault Lecturer of the European Federation of the Catalysis Societies (EFCATS) 159
De Zoete, M.C., Kock-van Dalen, A.C., Van Rantwijk, F. and Sheldon, R.A.
A new enzymatic one-pot procedure for the synthesis of carboxylic amides from carboxylic acids 19
De Zoete, M.C., Kock-van Dalen, A.C., Van Rantwijk, F. and Sheldon, R.A.
Lipase-catalysed ammoniolysis of lipids. A facile synthesis of fatty acid amides [J. Mol. Catal. B, 1 (1996) 109–113] 141
Díaz, J.F. and Balkus Jr, K.J.
Enzyme immobilization in MCM-41 molecular sieve 115
DiCosimo, R., see Eisenberg, A. 223
Ebdrup, S., see Kulys, J. 93
Eisenberg, A., Seip, J.E., Gavagan, J.E., Payne, M.S., Anton, D.L. and DiCosimo, R.
Pyruvic acid production using methylotrophic yeast transformants as catalyst 223
Ferguson, G., see Maguire, A.R. 147
Fukusaki, E. and Satoda, S.
Application of lipase-catalyzed transformations for the synthesis of insect pheromones and related compounds 257
Gavagan, J.E., see Eisenberg, A. 223
Gębicka, L. and Pawlak, J.
Kinetic investigations of horseradish peroxidase in AOT/n-heptane reverse micelles 185
George, A.R., Wilkins, P.C. and Dalton, H.
A computational investigation of the possible substrate binding sites in the hydroxylase of soluble methane monooxygenase 103
Gómez, A., see Rodríguez, M. 299
González, F., see Rodríguez, M. 299
Gu, J.-X., see Holland, H.L. L253
Hernaiz, M.J., see Moreno, J.M. 177
Hiroto, M., see Matsushima, A. 1
Hjelholt Pedersen, A., see Kulys, J. 93
Holland, H.L., Kohl, A., Larsen, B.G., Andreana, P. and Gu, J.-X.
Preparation of substituted (*R*)-2-alkanols by microbial hydroxylation L253
Honda, Y., see Yoshida, S. 243
Hsu, M.-S., see Chen, J.-P. 233
Inada, Y., see Matsushima, A. 1
Ismail, A., see Tse, M. 199
Järvinen, J.
Oxyanion formation in phosphoryl transfer catalyzed by protein kinases A and C 85
Jönsson, Å., Wehtje, E., Adlercreutz, P. and Mattiasson, B.
Temperature effects on protease catalyzed acyl transfer reactions in organic media 43
Kelleher, L.L., see Maguire, A.R. 147
Kermasha, S., see Tse, M. 199
Kim, M.G. and Lee, S.B.
Enhanced catalytic efficiency of enzymes in organic media with the addition of the solid support: Effect of silica gel on reaction rates and enzyme agglomeration 127
Kitazume, T., Tsukamoto, T., Murata, K. and Yoshimura, K.
Preparation of heterocyclic compounds via carbon–carbon bond formation catalyzed by an antibody 27
Kock-van Dalen, A.C., see De Zoete, M.C. 141
Kock-van Dalen, A.C., see De Zoete, M.C. 19
Kodera, Y., see Matsushima, A. 1
Kohl, A., see Holland, H.L. L253
Kreuzman, A.J., see Briggs, B.S. 53
Krikstopaitis, K., see Kulys, J. 93
Kulys, J., Krikstopaitis, K., Ebdrup, S., Hjelholt Pedersen, A. and Schneider, P.
Kinetics of mediator-dependent pseudocatalytic activity of fungal peroxidases 93
Kuwahara, M., see Yoshida, S. 243
Larsen, B.G., see Holland, H.L. L253
Lee, S.B., see Kim, M.G. 127

- Liu, X., see Sim, B.J. 71
- Longo, M.A. and Combes, D.
Application of a chemoenzymatic glycosylation method to α -chymotrypsin and *Candida rugosa* lipase surface modifications 281
- López-Munguía, A., see Rodríguez, M. 299
- Maguire, A.R., Kelleher, L.L. and Ferguson, G.
Efficient kinetic resolution of 2-benzenesulfonylcyclopentanone derivatives [J. Mol. Catal., 1 (1996) 115–126] 147
- Matsushima, A., Kodera, Y., Hiroto, M., Nishimura, H. and Inada, Y.
Bioconjugates of proteins and polyethylene glycol: potent tools in biotechnological processes 1
- Mattiasson, B., see Jönsson, Å. 43
- Moreno, J.M. and Ó Fágáin, C.
Activity and stability of native and modified alanine aminotransferase in cosolvent systems and denaturants 271
- Moreno, J.M., Hernaiz, M.J., Sánchez-Montero, J.M., Sinisterra, J.V., Bustos, M.T., Sánchez, M.E. and Bello, J.F.
Covalent immobilization of pure lipases A and B from *Candida rugosa* 177
- Murata, K., see Kitazume, T. 27
- Nishimura, H., see Matsushima, A. 1
- Ó Fágáin, C., see Moreno, J.M. 271
- Ogawa, J. and Shimizu, S.
Diversity and versatility of microbial hydantoin-transforming enzymes 163
- Pawlak, J., see Gębicka, L. 185
- Payne, M.S., see Eisenberg, A. 223
- Pokorný, D., Cimerman, A. and Steiner, W.
Aspergillus niger lipases: induction, isolation and characterization of two lipases from a MZKI A116 strain 215
- Rodríguez, M., Gómez, A., González, F., Barzana, E. and López-Munguía, A.
Stability of invertase in alcoholysis reactions with methanol 299
- Sánchez, M.E., see Moreno, J.M. 177
- Sánchez-Montero, J.M., see Moreno, J.M. 177
- Satoda, S., see Fukusaki, E. 257
- Schneider, P., see Kulyš, J. 93
- Seip, J.E., see Eisenberg, A. 223
- Sheldon, R.A., see De Zoete, M.C. 141
- Sheldon, R.A., see De Zoete, M.C. 19
- Sheldon, R.A., see Van Deurzen, M.P.J. 33
- Shimizu, S., see Ogawa, J. 163
- Sim, B.J., Tan, D.S.H., Liu, X. and Sim, T.S.
Production of high levels of soluble recombinant *Streptomyces clavuligerus* isopenicillin N synthase in *Escherichia coli* 71
- Sim, T.S., see Sim, B.J. 71
- Sinisterra, J.V., see Moreno, J.M. 177
- Somers, W.A.C., see Stigter, E.C.A. 291
- Steiner, W., see Pokorný, D. 215
- Stigter, E.C.A., Van der Lugt, J.P. and Somers, W.A.C.
Enantioselective oxidation of secondary alcohols by quinohaemoprotein alcohol dehydrogenase from *Comamonas testosteroni* 291
- Tan, D.S.H., see Sim, B.J. 71
- Tse, M., Kermasha, S. and Ismail, A.
Biocatalysis by tyrosinase in organic solvent media; a model system using catechin and vanillin as substrates 199
- Tsukamoto, T., see Kitazume, T. 27
- Van der Lugt, J.P., see Stigter, E.C.A. 291
- Van Deurzen, M.P.J., Van Rantwijk, F. and Sheldon, R.A.
Synthesis of substituted oxindoles by chloroperoxidase catalyzed oxidation of indoles 33
- Van Rantwijk, F., see De Zoete, M.C. 141
- Van Rantwijk, F., see De Zoete, M.C. 19
- Van Rantwijk, F., see Van Deurzen, M.P.J. 33
- Villa, R. and Willetts, A.
Oxidations by microbial NADH plus FMN-dependent luciferases from *Photobacterium phosphoreum* and *Vibrio fischeri* 193
- Watanabe, T., see Yoshida, S. 243
- Wehtje, E., see Jönsson, Å. 43
- Whitesitt, C., see Briggs, B.S. 53
- Wilkins, P.C., see George, A.R. 103
- Willetts, A., see Villa, R. 193
- Yeh, W.-K., see Briggs, B.S. 53
- Yoshida, S., Watanabe, T., Honda, Y. and Kuwahara, M.
Effects of water-miscible organic solvents on the reaction of lignin peroxidase of *Phanerochaete chrysosporium* 243
- Yoshimura, K., see Kitazume, T. 27
- Zmijewski, M., see Briggs, B.S. 53