

Author Index

- Adachi, S., see Panintranux, C. 165
- Aires-Barros, M.R., see Gonçalves, A.P.V. 53
- Alcantara, A.R., see Otero, C. 23
- Aono, R., see Nakamura, S. 7
- Aoyama , A., see Mikia , Y. 191
- Asano , Y., see Kato, Y. 151
- Bajpai, L.K. and Bhaduri , A.P.
- Protease induced novel ring contraction reaction of 1,3-oxazin-4-one derivatives¹ 103
- Barton, R.H., see O'Connor , C.J. 143
- Bes , M.T., Villa , R., Roberts , S.M., Wan , P.W.H. and Willetts , A.
- Oxidative biotransformations by microorganisms: production of chiral synthons by cyclopentanone monooxygenase from *4s Pseudomonas* sp. NCIMB 9872 127
- Bhaduri , A.P., see Bajpai, L.K. 103
- Blencowe, C., see Deigner, H.P. 61
- Bornmann, M.J., see Holland , H.L. 97
- Cabral, J.M.S., see Gonçalves, A.P.V. 53
- Cernia, E., Libori, R., Marconi, W. and Soro, S.
- Study of fumarase activity in non-conventional media. Part II 89
- Deigner, H.P., Blencowe, C. and Freyberg, C.E.
- Prevalence of steric restrictions in enzymatic nitrile-hydrolysis of a preparation from *Rhodococcus* sp. 409 61
- 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 109
- Endo , K., see Mikia , Y. 191
- Ferguson , G., see Maguire , A.R. 115
- Freyberg, C.E., see Deigner, H.P. 61
- Gonçalves, A.P.V., Lopes, J.M., Lemos, F., Ribeiro, F.R., Prazeres, D.M.F., Cabral, J.M.S. and Aires-Barros, M.R.
- Zeolites as supports for enzymatic hydrolysis reactions. Comparative study of several zeolites 53
- Hayakawa, K., see Ishikawa , T. 173
- Holland , H.L., Bornmann, M.J. and Lakshmaiah, G.
- Biotransformation of organic sulfides. Part 9. Formation of (S) *para*-substituted phenyl methyl sulfoxides by biotransformation using *Helminthosporium* species NRRL 4671 97
- Horikoshi, K., see Nakamura, S. 7
- Imai, N., see Yokoyama, M. 135
- Ishiguro, Y., see Nakamura, S. 7
- Ishikawa , T., Maeda, K., Hayakawa, K. and Kojima, T.
- Regiospecific hydroxylation of 3-(methylaminomethyl)pyridine to 5-(methylaminomethyl)-2(1*H*)-pyridinone by *Arthrobacter ureafaciens* 173
- Isobe, K. and Nishise, H.
- A new enzymatic method for glycolaldehyde production from ethylene glycol 37
- Kai , K., see Mikia , Y. 191
- Kato, Y., Yamada, H. and Asano , Y.
- Stereoselective synthesis of opine-type secondary amine carboxylic acids by a new enzyme opine dehydrogenase Use of recombinant enzymes 151
- Kelleher , L.L., see Maguire , A.R. 115
- Kidokoro , S., see Mikia , Y. 191
- Kim, M.G. and Lee, S.B.
- Penicillin acylase-catalyzed synthesis of pivampicillin: Effect of reaction variables and organic cosolvents 71
- Kim, M.G. and Lee , S.B.
- Effect of organic solvents on penicillin acylase-catalyzed reactions: interaction of organic solvents with enzymes 181
- Kim, M.G. and Lee , S.B.
- Penicillin acylase-catalyzed synthesis of β -lactam antibiotics in water-methanol mixtures: effect of cosolvent content and chemical nature of substrate on reaction rates and yields 201
- Kitajima, H., see Matsumoto, K. 17
- Klaas, M.R.g., see Warwel, S. 29
- Kock-van Dalen, A.C., see De Zoete, M.C. 109
- Kojima, T., see Ishikawa , T. 173
- Kometani, T., Yoshii, H. and Matsuno, R.
- Large-scale production of chiral alcohols with bakers' yeast 45
- Kumakura, M.
- Effect of heat treatment on enzymes entrapped into polymer gels 1
- Lai, D.T., see O'Connor , C.J. 143
- Lakshmaiah, G., see Holland , H.L. 97
- Lee, S.B., see Kim, M.G. 71
- Lee , S.B., see Kim, M.G. 181
- Lee , S.B., see Kim, M.G. 201
- Lemos, F., see Gonçalves, A.P.V. 53
- Libori, R., see Cernia, E. 89
- Lopes, J.M., see Gonçalves, A.P.V. 53
- Maeda, K., see Ishikawa , T. 173
- Maguire , A.R., Kelleher , L.L. and Ferguson , G.
- Efficient kinetic resolution of 2-benzenesulfonylcyclopentanone derivatives 115
- Marconi, W., see Cernia, E. 89

- Matsumoto, K., Kitajima, H. and Nakata, T.
Enantioselectivity-promoting factor in enzyme-mediated asymmetric hydrolysis of enol esters 17
- Matsuno, R., see Kometani, T. 45
- Matsuno, R., see Paninrarux, C. 165
- Mikia, Y., Kidokoro, S., Endo, K., Wada, A., Yoneya, T., Aoyama, A., Kai, K., Miyake, T. and Nagao, H.
Effect of a charged residue at the 213th site of thermolysin on the enzymatic activity 191
- Miller, M.J. and Richardson, S.K.
Enzymatic synthesis of 2-amino-3-hydroxy-1,6-hexanedioic acid using serinehydroxymethyltransferase 161
- Miyake, T., see Mikia, Y. 191
- Nagao, H., see Mikia, Y. 191
- Nakai, R., see Nakamura, S. 7
- Nakamura, S., Ishiguro, Y., Nakai, R., Wakabayashi, K., Aono, R. and Horikoshi, K.
Purification and characterization of a thermophilic alkaline xyylanase from thermoalkaliphilic *Bacillus* sp. strain TAR-1 7
- Nakata, T., see Matsumoto, K. 17
- Nishise, H., see Isobe, K. 37
- O'Connor, C.J., Lai, D.T. and Barton, R.H.
Lamb pregastric enzyme-catalysed hydrolysis of 4-nitrophenylalkanoates and monoacid triglycerides 143
- Ohta, H., see Yokoyama, M. 135
- Otero, C., Robledo, L. and Alcantara, A.R.
Study of the stabilization of pure lipases: comparison of two different lipase-microgel derivatives 23
- Paninrarux, C., Adachi, S. and Matsuno, R.
n-Octyl β -D-glucoside synthesis through β -glucosidase catalyzed condensation of glucose and *n*-octanol in a heterogeneous system with high glucose concentration 165
- Prazeres, D.M.F., see Gonçalves, A.P.V. 53
- Ribeiro, F.R., see Gonçalves, A.P.V. 53
- Richardson, S.K., see Miller, M.J. 161
- Roberts, S.M., see Bes, M.T. 127
- Robledo, L., see Otero, C. 23
- Sheldon, R.A., see De Zoete, M.C. 109
- Soro, S., see Cernia, E. 89
- Sugai, T., see Yokoyama, M. 135
- Van Rantwijk, F., see De Zoete, M.C. 109
- Villa, R., see Bes, M.T. 127
- Wada, A., see Mikia, Y. 191
- Wakabayashi, K., see Nakamura, S. 7
- Wan, P.W.H., see Bes, M.T. 127
- Warwel, S. and Klaas, M.R.g.
Chemo-enzymatic epoxidation of unsaturated carboxylic acids 29
- Willets, A., see Bes, M.T. 127
- Yamada, H., see Kato, Y. 151
- Yokoyama, M., Imai, N., Sugai, T. and Ohta, H.
Preparation of both enantiomers of methyl 3-benzoyl-oxypentanoate by enzyme-catalysed hydrolysis of corresponding racemic nitrile and amide 135
- Yoneya, T., see Mikia, Y. 191
- Yoshii, H., see Kometani, T. 45