



ELSEVIER

Journal of Molecular Catalysis B: Enzymatic 18 (2002) 341–343

JOURNAL OF
MOLECULAR
CATALYSIS
B: ENZYMATIC

www.elsevier.com/locate/molcatb

Author Index

- Ansorge-Schumacher, M.B., see Doumèche, B. 19
Asano, Y. and Ito, T.
Selected abstracts from the 5th Japanese Symposium on the Chemistry of Biocatalysis 173
- Bencivenga, U., see Portaccio, M. 49
Brahim, S., Narinesingh, D. and Guiseppi-Elie, A.
Kinetics of glucose oxidase immobilized in p(HEMA)-hydrogel microspheres in a packed-bed bioreactor 69
- Büchs, J., see Doumèche, B. 19
- Chen, B.-q., see He, X.-l. 333
Chen, D.-H. and Liao, M.-H.
Effects of mixed reverse micellar structure on stability and activity of yeast alcohol dehydrogenase 155
- Chen, D.-H., see Liao, M.-H. 81
- Chen, Z.-Z., Li, Y.-M., Peng, X., Huang, F.-R. and Zhao, Y.-F.
The use of crude lipase in deprotection of C-terminal protecting groups 243
- Choi, G.-S., see Kim, J.-Y. 133
Clark, D.S., see Morgan, J.A. 147
Cogan, U., see Fishman, A. 121
Compton, D.L., see Laszlo, J.A. 109
- De Maio, A., see Portaccio, M. 49
de Sequeira, A., see Koneracká, M. 13
Doumèche, B., Heinemann, M., Büchs, J., Hartmeier, W. and Ansorge-Schumacher, M.B.
Enzymatic catalysis in gel-stabilized two-phase systems: improvement of the solvent phase 19
- Duan, X., see Ren, L. 3
- El-Masry, M., see Portaccio, M. 49
Evans, D.G., see Ren, L. 3
- Fabbrini, M., Galli, C. and Gentili, P.
Radical or electron-transfer mechanism of oxidation with some laccase/mediator systems 169
- Faber, K., see Mayer, S.F. 163
Feng, G.-Q., see Wang, M.-X. 267
Fishman, A., Levy, I., Cogan, U. and Shoseyov, O.
Stabilization of horseradish peroxidase in aqueous-organic media by immobilization onto cellulose using a cellulose-bind-ing-domain 121

- Galli, C., see Fabbrini, M. 169
Ge, Z.-Q., see Yuan, Y.-J. 251
Gentili, P., see Fabbrini, M. 169
Glueck, S.M., see Mayer, S.F. 163
Grano, V., see Portaccio, M. 49
Gu, J., Xu, P. and Qu, Y.
A biocatalyst for pyruvate preparation from DL-lactate: lactate oxidase in a *Pseudomonas* sp. 299
- Guiseppi-Elie, A., see Brahim, S. 69
- Hartmeier, W., see Doumèche, B. 19
He, J., see Ren, L. 3
He, X.-l., Chen, B.-q. and Tan, T.-w.
Enzymatic synthesis of 2-ethylhexyl esters of fatty acids by immobilized lipase from *Candida* sp. 99–125 333
- Heinemann, M., see Doumèche, B. 19
- Hou, Z., see Zhang, J. 205
Huang, F.-R., see Chen, Z.-Z. 243
Huang, H., see Yang, S. 285
- Ito, T., see Asano, Y. 173
- Ji, L.-N., see Liu, J.-Z. 225
Jose, J., see Schultheiss, E. 89
- Kadnikova, E.N. and Kostić, N.M.
Oxidation of ABTS by hydrogen peroxide catalyzed by horse-radish peroxidase encapsulated into sol-gel glass. Effects of glass matrix on reactivity 39
- Kim, G.-J., see Kim, J.-Y. 133
Kim, J.-Y., Choi, G.-S., Kim, Y.-J., Ryu, Y.-W. and Kim, G.-J.
A new isolate *Bacillus stearothermophilus* JY144 expressing a novel esterase with high enantioselectivity to (R)-ketoprofen ethyl ester: strain selection and gene cloning 133
- Kim, Y.-J., see Kim, J.-Y. 133
Koneracká, M., Kopčanský, P., Timko, M., Ramchand, C.N., de Sequeira, A. and Trevan, M.
Direct binding procedure of proteins and enzymes to fine magnetic particles 13
- Kopčanský, P., see Koneracká, M. 13
Kostić, N.M., see Kadnikova, E.N. 39
Krikstopaitis, K., see Kulys, J. 99
Kroutil, W., see Mayer, S.F. 163
Kulys, J., Krikstopaitis, K., Ziemys, A. and Schneider, P.
Laccase-catalyzed oxidation of syringates in presence of albumins 99

- Laszlo, J.A. and Compton, D.L.
 Comparison of peroxidase activities of hemin, cytochrome *c* and microperoxidase-11 in molecular solvents and imidazolium-based ionic liquids 109
- Lepore, M., see Portaccio, M. 49
- Levy, I., see Fishman, A. 121
- Li, D.-Y., see Yu, J. 291
- Li, J.-C., see Wang, X.-Q. 211
- Li, J.-C., see Yuan, Y.-J. 251
- Li, R.-b., see Yu, J. 291
- Li, Y.-M., see Chen, Z.-Z. 243
- Liao, M.-H. and Chen, D.-H.
 Characteristics of magnetic nanoparticles-bound YADH in water/AOT/isooctane microemulsions 81
- Liao, M.-H., see Chen, D.-H. 155
- Liu, J.-Z., Song, H.-Y., Weng, L.-P. and Ji, L.-N.
 Increased thermostability and phenol removal efficiency by chemical modified horseradish peroxidase 225
- Liu, X., Qu, Y., You, F. and Liu, Y.
 Studies on the key amino acid residues responsible for the alkali-tolerance of the xylanase by site-directed or random mutagenesis 307
- Liu, Y., see Liu, X. 307
- Liu, Y.-Y., see Shen, D. 219
- Lu, Z., see Morgan, J.A. 147
- Mayer, S.F., Glueck, S.M., Pogorevc, M., Steinreiber, A., Stampfer, W., Kroutil, W. and Faber, K.
 Preparation of an epoxide-hydrolyzing biocatalyst: *Rhodococcus ruber* DSM 44540—an activity-growth study 163
- Mita, D.G., see Portaccio, M. 49
- Morgan, J.A., Lu, Z. and Clark, D.S.
 Toward the development of a biocatalytic system for oxidation of *p*-xylene to terephthalic acid: oxidation of 1,4-benzenedi-methanol 147
- Mu, X.Q., see Xu, Y. 29
- Narinesingh, D., see Brahim, S. 69
- Ni, Y. and Xu, J.-H.
 Asymmetric reduction of aryl ketones with a new isolate *Rhodotorula* sp. AS2.2241 233
- Paar, C., see Schultheiss, E. 89
- Pagliuca, N., see Portaccio, M. 49
- Pan, J., see Yang, S. 285
- Peng, X., see Chen, Z.-Z. 243
- Pogorevc, M., see Mayer, S.F. 163
- Portaccio, M., El-Masry, M., Rossi Diano, N., De Maio, A., Grano, V., Lepore, M., Travascio, P., Bencivenga, U., Pagliuca, N. and Mita, D.G.
 An amperometric sensor employing glucose oxidase immobilized on nylon membranes with different pore diameter and grafted with different monomers 49
- Qu, Y., see Gu, J. 299
- Qu, Y., see Liu, X. 307
- Ramchand, C.N., see Koneracká, M. 13
- Ren, L., He, J., Zhang, S., Evans, D.G. and Duan, X.
 Immobilization of penicillin G acylase in layered double hydroxides pillared by glutamate ions 3
- Rossi Diano, N., see Portaccio, M. 49
- Ryu, Y.-W., see Kim, J.-Y. 133
- Schneider, P., see Kulys, J. 99
- Schultheiss, E., Paar, C., Schwab, H. and Jose, J.
 Functional esterase surface display by the autotransporter pathway in *Escherichia coli* 89
- Schwab, H., see Schultheiss, E. 89
- Shen, D., Xu, J.-H., Wu, H.-Y. and Liu, Y.-Y.
 Significantly improved esterase activity of *Trichosporon brasiliæ* cells for ketoprofen resolution by 2-propanol treatment 219
- Shoseyov, O., see Fishman, A. 121
- Song, H.-Y., see Liu, J.-Z. 225
- Song, Q.-X. and Wei, D.-Z.
 Study of Vitamin C ester synthesis by immobilized lipase from *Candida* sp. 261
- Stampfer, W., see Mayer, S.F. 163
- Steinreiber, A., see Mayer, S.F. 163
- Tan, T., Wang, F. and Zhang, H.
 Preparation of PVA/chitosan lipase membrane reactor and its application in synthesis of monoglyceride 325
- Tan, T.-w., see He, X.-l. 333
- Tang, H., see Yang, S. 285
- Tang, S., see Yao, C. 279
- Timko, M., see Koneracká, M. 13
- Travascio, P., see Portaccio, M. 49
- Trevan, M., see Koneracká, M. 13
- Tu, M.-B., see Wei, D.-Z. 273
- Wang, D., see Xu, Y. 29
- Wang, F., see Tan, T. 325
- Wang, M.-X. and Feng, G.-Q.
 Enzymatic synthesis of optically active 2-methyl- and 2,2-dimethylcyclopropanecarboxylic acids and their derivatives 267
- Wang, X.-Q., Yuan, Y.-J., Li, J.-C., Wu, J.-C. and Yang, W.-L.
 Biological changes in suspension cultures of *Taxus cuspidata* induced by dimethyl sulphoxide and ethanol 211
- Wei, D.-Z., see Song, Q.-X. 261
- Wei, D.-Z., Zou, P., Tu, M.-B. and Zheng, H.
 Enzymatic synthesis of ethyl glucoside lactate in non-aqueous system 273
- Weng, L.-P., see Liu, J.-Z. 225
- Wu, H.-Y., see Shen, D. 219
- Wu, J., see Zhang, T. 315
- Wu, J.-C., see Wang, X.-Q. 211
- Wu, J.-C., see Yuan, Y.-J. 251
- Wu, X., see Yang, S. 285
- Xu, J.-H.
 A mini-review of Chinese contributions to *Journal of Molecular Catalysis B: Enzymatic* 199

- Xu, J.-H., see Ni, Y. 233
Xu, J.-H., see Shen, D. 219
Xu, P., see Gu, J. 299
Xu, Y., Wang, D., Mu, X.Q., Zhao, G.A. and Zhang, K.C.
 Biosynthesis of ethyl esters of short-chain fatty acids using whole-cell lipase from *Rhizopus chinesis* CCTCC M201021 in non-aqueous phase 29
- Yang, L., see Zhang, T. 315
Yang, S., see Yu, J. 291
Yang, S., Zhou, L., Tang, H., Pan, J., Wu, X., Huang, H. and Yuan, Z.
 Rational design of a more stable penicillin G acylase against organic cosolvent 285
Yang, W.-L., see Wang, X.-Q. 211
Yao, C., see Zhang, J. 205
Yao, C., Tang, S., Zhang, J. and Yu, Y.
 Kinetics of lipase deactivation in AOT/isoctane reversed micelles 279
You, F., see Liu, X. 307
Yu, J., Li, D.-Y., Zhang, Y.-J., Yang, S., Li, R.-b. and Yuan, Z.-Y.
 High expression of *Trigonopsis variabilis* D-amino acid oxidase in *Pichia pastoris* 291
Yu, Y., see Yao, C. 279
Yu, Y., see Zhang, J. 205
- Yuan, Y.-J., Li, J.-C., Ge, Z.-Q. and Wu, J.-C.
 Superoxide anion burst and taxol production induced by Ce⁴⁺ in suspension cultures of *Taxus cuspidata* 251
Yuan, Y.-J., see Wang, X.-Q. 211
Yuan, Z., see Yang, S. 285
Yuan, Z.-Y., see Yu, J. 291
- Zhang, H., see Tan, T. 325
Zhang, J., Hou, Z., Yao, C. and Yu, Y.
 Purification and properties of lipase from a *Bacillus* strain for catalytic resolution of (*R*)-Naproxen 205
Zhang, J., see Yao, C. 279
Zhang, K.C., see Xu, Y. 29
Zhang, S., see Ren, L. 3
Zhang, T., Yang, L., Zhu, Z. and Wu, J.
 The kinetic study on lipase-catalyzed transesterification of α -cyano-3-phenoxybenzyl alcohol in organic media 315
Zhang, Y.-J., see Yu, J. 291
Zhao, G.A., see Xu, Y. 29
Zhao, Y.-F., see Chen, Z.-Z. 243
Zheng, H., see Wei, D.-Z. 273
Zhou, L., see Yang, S. 285
Zhu, Z., see Zhang, T. 315
Ziemys, A., see Kulys, J. 99
Zou, P., see Wei, D.-Z. 273