

Contents

VOL. 14 NOS. 1–3, 12 JUNE 2001

Articles

The highly stereospecific enzyme catalysed transamination of 4-fluorophenylglyoxylic acid to 4-(S)-fluorophenylglycine M. Cameron, D. Cohen (Rahway, NJ, USA), I.F. Cottrell, D.J. Kennedy (Hertfordshire, UK), C. Roberge and M. Chartrain (Rahway, NJ, USA)	1
Effects of bile salts on the solubility and activity of yeast alcohol dehydrogenase in AOT reversed micelles H. Yang (Durham, NC, USA), D.J. Kiserow (Research Triangle Park, NC, USA) and L.B. McGown (Durham, NC, USA)	7
Urease immobilisation on chemically grafted nylon membranes. Part 1: Isothermal characterisation H. El-Sherif (Naples, Italy), P.L. Martelli, R. Casadio (Bologna, Italy), M. Portaccio, U. Bencivenga and D.G. Mita (Naples, Italy)	15
Urease immobilization on chemically grafted nylon membranes. Part 2. Non-isothermal characterization H. El-Sherif, A. De Maio, S. Di Martino, E. Zito, S. Rossi, P. Canciglia, F.S. Gaeta and D.G. Mita (Naples, Italy) ..	31
Selected abstracts from the 3rd Japanese Symposium on the Chemistry of Biocatalysis Y. Asano (Toyama, Japan)	45
Announcement	67

VOL. 14 NOS. 4–6, 6 JULY 2001

Articles

A kinetic study of almond- β -glucosidase catalysed synthesis of hexyl-glycosides in low aqueous media. Influence of glycosyl donor and water activity M. Andersson and P. Adlercreutz (Lund, Sweden)	69
Enantioselective biotransformations of racemic 2-aryl-3-methylbutyronitriles using <i>Rhodococcus</i> sp. AJ270 M.-X. Wang, J.-J. Li, G.-J. Ji and J.-S. Li (Beijing, China)	77
Stabilization mechanism of MPEG modified trypsin based on thermal inactivation kinetic analysis and molecular modeling computation Z. Zhang, Z. He and M. He (Tianjin, PR China)	85
Biotransformation of 3-substituted methyl (<i>R,S</i>)-4-cyanobutanoates with nitrile- and amide-converting biocatalysts L. Martínková (Prague, Czech Republic), N. Klempier, J. Bardakji, A. Kandelbauer (Graz, Austria), M. Ovesná, T. Podařilová, M. Kuzma, I. Přepechalová (Prague, Czech Republic), H. Griengl (Graz, Austria) and V. Kren (Prague, Czech Republic)	95
Inhibition of chitosan-immobilized urease by slow-binding inhibitors: Ni^{2+} , F^- and acetohydroxamic acid B. Krajewska, W. Zaborska and M. Leszko (Kraków, Poland)	101
Screening and catalytic activity in organic synthesis of novel fungal and yeast lipases F. Cardenas, E. Alvarez, M.-S. de Castro-Alvarez, J.-M. Sanchez-Montero, M. Valmaseda, S.W. Elson and J.-V. Sinisterra (Madrid, Spain)	111

Enantioselective hydrolysis of epoxides: the employment of the soluble fraction from <i>Vicia sativa</i> seedlings C. Chiappe, A. De Rubertis, F. Marioni and F. Pelagotti (Pisa, Italy)	125
Announcement	131
Author Index	133
Subject Index	135
Volume contents	137