

## Volume Contents

### VOL. 33 (1–2), 3 MAY 2005

#### Articles

One-pot synthesis of glycosyl poly(arbutin) by enzymatic glycosylation followed by polymerization with peroxidase H. Nakano, M. Shizuma, H. Murakami, T. Kiryu and T. Kiso (Osaka, Japan) .....	1
Multi-step reduction of nitric oxide by cytochrome <i>c</i> entrapped in phosphatidylcholine films X. Liu, X. Zheng, Y. Xu and G. Li (Nanjing, PR China) .....	9
Stability and catalytic kinetics of microencapsulated $\beta$ -galactosidase in liposomes prepared by the dehydration–rehydration method J.M. Rodríguez-Nogales and A. Delgadillo (Pachuca, Mexico) .....	15
Laccase kinetics of degradation and coupling reactions A. Zille, F.-D. Munteanu (Guimarães, Portugal), G.M. Gübitz (Graz, Austria) and A. Cavaco-Paulo (Guimarães, Portugal) .....	23
DNA polymerase activity in water-structured and confined environment of reverse micelles R.O. Anarbaev, S.N. Khodyreva, A.L. Zakharenko, N.I. Rechkunova and O.I. Lavrik (Novosibirsk, Russian Federation) .....	29
Reaction mechanism to explain the high kinetic autoactivation of tyrosinase M.J. Peñalver, L.G. Fenoll, J.N. Rodríguez-López, P.A. García-Ruiz, F. García-Molina (Murcia, Spain), R. Varón (Castilla La-Mancha, Spain), F. García-Cánovas and J. Tudela (Murcia, Spain) .....	35
Enzyme immobilization on amino-functionalized mesostructured cellular foam surfaces, characterization and catalytic properties X. Zhang, R.-F. Guan, D.-Q. Wu (Shantou, China) and K.-Y. Chan (Hong Kong, China) .....	43
Endorsing functionality of <i>Burkholderia pseudomallei</i> glyoxylylate cycle genes as anti-persistence drug screens Y.M. Lye, M. Chan and T.-S. Sim (Singapore, Singapore) .....	51

### VOL. 33 (3–6), 1 JUNE 2005

#### Articles

Oxygen bleaching of kraft pulp with polyoxometalates and laccase applying a novel multi-stage process J.A.F. Gamelas, A.P.M. Tavares, D.V. Evtuguin and A.M.B. Xavier (Aveiro, Portugal) .....	57
Stability of protein-coated microcrystals in organic solvents M. Kreiner, J.F. Amorim Fernandes, N. O'Farrell, P.J. Halling and M.-C. Parker (Glasgow, UK) .....	65
Enantioselective reduction of <i>ortho</i> -substituted acetophenones by bacterial strains isolated from medium enriched with biphenyl or diesel fuel L.H. Andrade, J.V. Comassetto, D.F. Rodrigues, V.H. Pellizari and A.L.M. Porto (São Paulo, Brazil) .....	73
Selectivity of the enzymatic synthesis of ampicillin by <i>E. coli</i> PGA in the presence of high concentrations of substrates M.P.A. Ribeiro, A.L.O. Ferreira, R.L.C. Giordano and R.C. Giordano (São Carlos, Brazil) .....	81
Biotransformation of chinensiolide B and the cytotoxic activities of the transformed products J. Dai (Beijing, PR China and Niigata, Japan), L. Yang (Niigata, Japan and Beijing, PR China), J.-i. Sakai and M. Ando (Niigata, Japan) .....	87
Lipase-catalyzed production of optically active ( <i>S</i> )-flurbiprofen in aqueous phase reaction system containing chiral succinyl $\beta$ -cyclodextrin G.-S. Shin, K.-W. Lee, T.-K. Kim, H.-D. Shin and Y.-H. Lee (Daegu, South Korea) .....	93
Characterization of the thermophilic isoamylase from the thermophilic archaeon <i>Sulfolobus solfataricus</i> ATCC 35092 T.-Y. Fang (Keelung, Taiwan), W.-C. Tseng (Taipei, Taiwan), C.-J. Yu and T.-Y. Shih (Keelung, Taiwan) .....	99
Author Index .....	I
Subject Index .....	III
Volume Contents .....	V