

Author Index

- Acosta, M., see Arnao, M.B. 179
- Adnot, A., see Huang, M. 131
- Akolekar, D.B.
Acidity and catalytic properties of $\text{AlPO}_4\text{-11}$, SAPO-11 , MAPO-11 , NiAPO-11 , MnAPO-11 and MnAPSO-11 molecular sieves 93
- Arnao, M.B., Hernández-Ruiz, J., Varón, R., García-Cánovas, F. and Acosta, M.
The inactivation of horseradish peroxidase by *m*-chloroperoxybenzoic acid, a xenobiotic hydroperoxide 179
- Bandyopadhyay, R., see Singh, P.S. 101
- Bautista, F.M., Campelo, J.M., García, A., Guardoño, R., Luna, D. and Marinas, J.M.
Influence of Ni–Cu alloying on Sepiolite-supported nickel catalysts in the liquid-phase selective hydrogenation of fatty acid ethyl esters 229
- Beller, M., Cornils, B., Frohning, C.D. and Kohlpaintner, C.W.
Progress in hydroformylation and carbonylation 17
- Bercaw, J.E., see Birnbaum, E.R. 119
- Bettahar, M.M., see Demri, D. 237
- Bhatt, K.N., see Chatterjee, D. 115
- Birnbaum, E.R., Grinstaff, M.W., Labinger, J.A., Bercaw, J.E. and Gray, H.B.
On the mechanism of catalytic alkene oxidation by molecular oxygen and halogenated iron porphyrins 119
- Bocuzzi, F., see Guglielminotti, E. 273
- Bruk, L.G., Oshanina, I.V., Kozlova, A.P., Vorontsov, E.V. and Temkin, O.N.
Mechanistic study of acetylene carbonylation to anhydrides of dicarboxylic acids in solutions of palladium complexes 9
- Budka, J., Hampl, F., Liska, F., Scrimin, P., Tecilla, P. and Tonellato, U.
Micellar nickel(II)-2-pyridinoneketoxime complexes as powerful catalysts of the cleavage of carboxylic acid esters in weakly acidic conditions 201
- Cabrera, A., Peón, J., Velasco, L., Miranda, R., Salmón, A. and Salmón, M.
Clay-mediated cyclooligomerization of olefin oxides: a one-pot route to crown ethers L5
- Cabrera, A., see Salmón, M. 127
- Campelo, J.M., see Bautista, F.M. 229
- Čapka, M., Czakoová, M., Hillerová, E., Paetzold, E. and Oehme, G.
[2-(3-Trimethoxysilylthio)ethyl]diphenylphosphine – a new agent for transition metal immobilization 123
- Cárdenas, J., see Salmón, M. 127
- Cavinato, G. and Toniolo, L.
Synthesis of γ -ketocycloalkancarboxylic acid esters by region-specific alkoxy carbonylation of α,β -ketocycloolefins catalyzed by palladium 221
- Chateau, L., see Demri, D. 237
- Chatterjee, D., Mody, H.M. and Bhatt, K.N.
Conversion of cyclohexanol to dicyclohexyl ether catalyzed by cation-exchanged bentonite clays 115
- Cho, I.H., Park, S.B. and Kwak, J.H.
Characterization of $\text{Mo}/\text{Al}_2\text{O}_3$ sol-gel catalyst by ^{27}Al nuclear magnetic resonance spectroscopy 285
- Conceicao Cruz Costa, M., Johnstone, R.A.W. and Whittaker, D.
Catalysis of gas and liquid phase ionic and radical rearrangements of α - and β -pinene by metal(IV) phosphate polymers 251
- Conte, V., Furia, F.D. and Moro, S.
Studies directed toward the prediction of the oxidative reactivity of vanadium peroxo complexes in water. Correlations between the nature of the ligands and ^{51}V -NMR chemical shifts 159
- Cornils, B., see Beller, M. 17
- Costisella, B., see Krause, H.W. 147
- Czakoová, M., see Čapka, M. 123
- Darensbourg, D.J., Stafford, N.W. and Katsurao, T.
Supercritical carbon dioxide as solvent for the copolymerization of carbon dioxide and propylene oxide using a heterogeneous zinc carboxylate catalyst L1
- Demri, D., Chateau, L., Hindermann, J.P., Kiennemann, A. and Bettahar, M.M.
 C_1 -oxygenated molecules adsorbed on rhodium containing catalysts. Identification of a formyl species 237
- Deshpande, K., see Narayanan, S. 109
- Dube, S., see Nageswara Rao, N. 197
- Falabella Sousa-Aguiar, E., Mota, C.J.A., Murta Valle, M.L., Pinhel da Silva, M. and Forte da Silva, D.
Catalytic cracking of decalin isomers over REHY-zeolites with different crystallite sizes 267
- Ferwerda, R., Van der Maas, J.H. and Van Duijneveldt, F.B.
Pyridine adsorption onto metal oxides: an ab initio study of model systems 319
- Forte da Silva, D., see Falabella Sousa-Aguiar, E. 267
- Frohning, C.D., see Beller, M. 17
- Fuentes Mota, J., see Navio, J.A. 329
- Furia, F.D., see Conte, V. 159
- García, A., see Bautista, F.M. 229
- García-Cánovas, F., see Arnao, M.B. 179
- García Gómez, M., see Navio, J.A. 329

- Garoff, T. and Leinonen, T.
Mn doping of the Ziegler–Natta PP catalyst support material 205
- Gaviño, R., see Salmón, M. 127
- Gray, H.B., see Birnbaum, E.R. 119
- Grinstaff, M.W., see Birnbaum, E.R. 119
- Guardaño, R., see Bautista, F.M. 229
- Guglielminotti, E. and Boccuzzi, F.
Spectroscopic characterization of the CeO₂/TiO₂ and Rh–CeO₂/TiO₂ systems: CO adsorption and NO–CO, NO–C₃H₈ reactions 273
- HAMPL, F., see Budka, J. 201
- Hernández-Ruiz, J., see Arnao, M.B. 179
- HilleroVá, E., see Čapka, M. 123
- Hindermann, J.P., see Demri, D. 237
- Huang, J.-W., see Liu, Z.-L. 193
- Huang, M., Adnot, A., Suppiah, S. and Kaliaguine, S.
XPS observation of surface interaction between H₂ and CO₂ on platinum foil 131
- Jaeger, N.I., see Voskobochnikov, T.V. 299
- Ji, L.-N., see Liu, Z.-L. 193
- Johnstone, R.A.W., see Conceicao Cruz Costa, M. 251
- Kaliaguine, S., see Huang, M. 131
- Katsurao, T., see Darenbourg, D.J. L1
- Keller, A. and Matusiak, R.
Reaction of alkylidenedinitrosylmolybdenum complexes with vinyl trisubstituted silanes and substituted acetylenes 213
- Khader, M.M.
Surface acidity of V₂O₅/Al₂O₃ catalysts: IR and TPD studies 85
- Kiennemann, A., see Demri, D. 237
- Kim, J.-J., see Lee, J.K. 311
- Kohlpaintner, C.W., see Beller, M. 17
- Kozlova, A.P., see Bruk, L.G. 9
- Krause, H.W., Schmidt, U., Taudien, S., Costisella, B. and Michalik, M.
Aminophosphine phosphinites of propranolol analogues as ligands for Rh-catalyzed asymmetric hydrogenation 147
- Kuroki, M., see Sato, S. 171
- Kwak, J.H., see Cho, I.H. 285
- Labinger, J.A., see Birnbaum, E.R. 119
- Landmesser, H., see Voskobochnikov, T.V. 299
- Lee, J.K., Song, I.K., Lee, W.Y. and Kim, J.-J.
Modification of 12-molybdophosphoric acid catalyst by blending with polysulfone and its catalytic activity for 2-propanol conversion reaction 311
- Lee, W.Y., see Lee, J.K. 311
- Leinonen, T., see Garoff, T. 205
- Lewis, L.N. and Sumpter, C.A.
Cyclodextrin modification of the hydrosilylation reaction 293
- Liska, F., see Budka, J. 201
- Liu, Z.-L., Huang, J.-W. and Ji, L.-N.
The preparation of some polystyrene-supported porphyrinatoiron(III) and their catalysis in hydroxylation of cyclohexane with molecular oxygen 193
- Lu, M.-C., see Wu, H.-S. 139
- Luna, D., see Bautista, F.M. 229
- Maciel, G.E., see Sato, S. 171
- Marinas, J.M., see Bautista, F.M. 229
- Martínez, M., see Salmón, M. 127
- Matusiak, R., see Keller, A. 213
- Michalik, M., see Krause, H.W. 147
- Miranda, R., see Cabrera, A. L5
- Miranda, R., see Salmón, M. 127
- Mody, H.M., see Chatterjee, D. 115
- Moro, S., see Conte, V. 159
- Mota, C.J.A., see Falabella Sousa-Aguiar, E. 267
- Murta Valle, M.L., see Falabella Sousa-Aguiar, E. 267
- Nageswara Rao, N. and Dube, S.
Photocatalytic degradation of mixed surfactants and some commercial soap/detergent products using suspended TiO₂ catalysts 197
- Narayanan, S. and Deshpande, K.
Mechanism of aniline alkylation over vanadia and supported vanadia 109
- Navio, J.A., García Gómez, M., Pradera Adrian, M.A. and Fuentes Mota, J.
Partial or complete heterogeneous photocatalytic oxidation of neat toluene and 4-picoline in liquid organic oxygenated dispersions containing pure or iron-doped titania photocatalysts 329
- Nozaki, F., see Sato, S. 171
- Ocskó, J., see Pálínkó, I. 261
- Oehme, G., see Čapka, M. 123
- Oshamina, I.V., see Bruk, L.G. 9
- Paetzold, E., see Čapka, M. 123
- Pálínkó, I. and Ocskó, J.
Hydrogen pressure dependence in the ring opening of methyloxirane over silica-supported Pd and Rh catalysts: effect of high temperature on ring-opening routes 261
- Park, S.B., see Cho, I.H. 285
- Peón, J., see Cabrera, A. L5
- Pinhel da Silva, M., see Falabella Sousa-Aguiar, E. 267
- Pradera Adrian, M.A., see Navio, J.A. 329
- Rao, B.S., see Singh, P.S. 101
- Salmón, A., see Cabrera, A. L5
- Salmón, M., see Cabrera, A. L5
- Salmón, M., Zavala, N., Cabrera, A., Cárdenas, J., Gaviño, R., Miranda, R. and Martínez, M.
Aromatic substitution reactions of benzyl derivatives with a bentonite clay 127
- Sato, S., Kuroki, M., Sodesawa, T., Nozaki, F. and Maciel, G.E.
Surface structure and acidity of alumina–boria catalysts 171
- Schmidt, U., see Krause, H.W. 147
- Schulz-Ekloff, G., see Voskobochnikov, T.V. 299
- Scrimin, P., see Budka, J. 201
- Shapiro, E.S., see Voskobochnikov, T.V. 299
- Singh, P.S., Bandyopadhyay, R. and Rao, B.S.
Spectroscopic studies of vanadium incorporated SAPO-11 101
- Sodesawa, T., see Sato, S. 171
- Song, I.K., see Lee, J.K. 311
- Stafford, N.W., see Darenbourg, D.J. L1
- Sumpter, C.A., see Lewis, L.N. 293
- Suppiah, S., see Huang, M. 131
- Taudien, S., see Krause, H.W. 147
- Tecilla, P., see Budka, J. 201
- Temkin, O.N., see Bruk, L.G. 9
- Tonellato, U., see Budka, J. 201
- Toniolo, L., see Cavinato, G. 221

- Van der Maas, J.H., see Ferwerda, R. 319
- Van Duijneveldt, F.B., see Ferwerda, R. 319
- Varón, R., see Arnao, M.B. 179
- Velasco, L., see Cabrera, A. L5
- Vorontsov, E.V., see Bruk, L.G. 9
- Voskoboynikov, T.V., Shpiro, E.S., Landmesser, H., Jaeger, N.I. and Schulz-Ekloff, G.
- Redox and carbonylation chemistry of iridium species in the channels of H-ZSM-5 zeolite 299
- Whittaker, D., see Conceicao Cruz Costa, M. 251
- Wu, H.-S. and Lu, M.-C.
- Phenolyses of 1-bromoethylbenzene by phase-transfer catalysis in a heterogeneous two-phase system 139
- Zavala, N., see Salmón, M. 127