



ELSEVIER

Journal of Molecular Catalysis A: Chemical 144 (1999) 481–484

**JOURNAL OF
MOLECULAR
CATALYSIS
A: CHEMICAL**

Author index

- Abe, K., see Sugiyama, S. (144) 347
- Abe, T., Tamada, Y., Shiroishi, H., Nukaga, M. and Kaneko, M.
Catalytic water oxidation using chemically generated
Ru(bpy)₃³⁺ oxidant (144) 389
- Ahn, H.S., Han, S.H., Uhm, S.J., Seok, W.K., Lee, H.N. and
Korneeva, G.A.
Hydroformylation of olefins with formaldehyde in the pres-
ence of RhHCO(PPh₃)₃ (144) 295
- Alcón, M.J., Corma, A., Iglesias, M. and Sánchez, F.
Cyclopropanation reactions catalysed by copper and rhodium
complexes homogeneous and heterogenised on a modified
USY-zeolite. Influence of the catalyst on the catalytic profile
(144) 337
- Ali, R., see Tanaka, K. (144) 425
- Ando, H., Fujiwara, M., Matsumura, Y., Tanaka, M. and Souma,
Y.
Catalytic hydrogenation of carbon dioxide over LaNi₅ acti-
vated during the reaction (144) 117
- Arena, C.G., Drago, D. and Faraone, F.
Hydroformylation of styrene and 1-octene catalyzed by binu-
clear and oligomer rhodium(I) complexes containing the bis-
p-phosphinito ligands [(*p*-Ph₂POC₆H₄)₂X](X = O, CMe₂, S)
(144) 379
- Asai, M., see Ishii, H. (144) 369
- Asai, M., see Ishii, H. (144) 477
- Bakar, W.A., see Tanaka, K. (144) 425
- Ballantini, V., see Pertici, P. (144) 7
- Barbier, J., see Lamy-Pitara, E. (144) 199
- Barbot, F., see Lamy-Pitara, E. (144) 199
- Bartram, P.W., see Wagner, G.W. (144) 419
- Batz, V., see Setty-Fichman, M. (144) 159
- Benvenuti, F., Carlini, C., Lami, M., Marchionna, M., Patrini, R.,
Raspolli Galletti, A.M. and Sbrana, G.
Telomerization of 1,3-butadiene with alcohols catalyzed by
homogeneous palladium(0) complexes in the presence of
mono- and diphosphine ligands (144) 27
- Bertoncello, R., see Lenarda, M. (144) 151
- Betancourt, P., see Vieira, A. (144) 101
- Bianchini, C., see Rojas, I. (144) 1
- Blum, J., see Setty-Fichman, M. (144) 159
- Börner, A., see Trinkhaus, S. (144) 15
- Bujdák, J. and Rode, B.M.
The effect of clay structure on peptide bond formation cataly-
sis (144) 129
- Carlini, C., see Benvenuti, F. (144) 27
- Carvalho, W.A., Wallau, M. and Schuchardt, U.
Iron and copper immobilised on mesoporous MCM-41 molec-
ular sieves as catalysts for the oxidation of cyclohexane (144)
91
- Catalano, S., see Pertici, P. (144) 7
- Cavaleiro, A.M.V., see Simões, M.M.Q. (144) 461
- Cavaleiro, J.A.S., see Simões, M.M.Q. (144) 461
- Cenini, S., see Ragaini, F. (144) 405
- Ceulemans, E., see Neys, P.E.F. (144) 373
- Chatterjee, D. and Mitra, A.
Olefin epoxidation catalysed by Schiff-base complexes of Mn
and Ni in heterogenised-homogeneous systems (144) 363
- Chen, C.-L., see Cui, Y. (144) 411
- Chen, S., see Yang, H. (144) 315
- Cheng, G.L., Hu, C.P. and Ying, S.K.
Controlled radical polymerization of methyl methacrylate in
the presence of carbon tetrachloride, metallic copper and
2,2'-bipyridine or 1,10-phenanthroline (144) 357
- Cho, H.S., see Chung, J.S. (144) 61
- Chung, J.S., Cho, H.S., Ko, Y.G. and Lee, W.Y.
Preparation of the Ziegler–Natta/metalocene hybrid catalysts
on SiO₂/MgCl₂ bisupport and ethylene polymerization (144)
61
- Collins, S., see Tian, J. (144) 137
- Conceição, C.M.M., see Simões, M.M.Q. (144) 461
- Corma, A., see Alcón, M.J. (144) 337
- Costa, C., Lopes, J.M., Lemos, F. and Ramôa Ribeiro, F.
Activity–acidity relationship in zeolite Y. Part 1. Transforma-
tion of light olefins (144) 207
- Costa, C., Lopes, J.M., Lemos, F. and Ramôa Ribeiro, F.
Activity–acidity relationship in zeolite Y. Part 2. Determina-
tion of the acid strength distribution by temperature pro-
grammed desorption of ammonia (144) 221
- Costa, C., Lopes, J.M., Lemos, F. and Ramôa Ribeiro, F.
Activity–acidity relationship in zeolite Y. Part 3. Application
of Brønsted type equations (144) 233
- Cross, R.J., Newman, P.D., Peacock, R.D. and Stirling, D.
Chiral phosphinoyl alcohol complexes of monooxobis(peroxo)
molybdenum(VI) and their use as asymmetric oxidants (144)
273
- Cui, Y., Chen, C.-L., Gratzl, J.S. and Patt, R.
A Mn(IV)-Me₄DTNE complex catalyzed oxidation of lignin
model compounds with hydrogen peroxide (144) 411
- Dehaen, W., see Neys, P.E.F. (144) 373
- Deng, Z., see Yang, X. (144) 123

- Domingues, P.M.D.N., see Simões, M.M.Q. (144) 461
Drago, D., see Arena, C.G. (144) 379
Duczmal, W., see Marciniak, B. (144) 263
- Faraone, F., see Arena, C.G. (144) 379
Feng, Y., see Tian, J. (144) 137
Ferrer-Correia, A.J.V., see Simões, M.M.Q. (144) 461
Fleisher, M., see Leite, L. (144) 323
Fraile, J.M., García, J.I., Mayoral, J.A. and Tarnai, T.
Solvent and counterion effects in the asymmetric cyclopropanation catalysed by bis(oxazoline)–copper complexes (144) 85
Fujiwara, M., see Ando, H. (144) 117
Furuto, T., Takeguchi, M. and Okura, I.
Semicontinuous methanol biosynthesis by *Methylosinus trichosporium* OB3b (144) 257
- Gaillard, N., see Robert, F. (144) 473
Gamelas, J.A.F., see Simões, M.M.Q. (144) 461
Ganzerla, R., see Lenarda, M. (144) 151
García, J.I., see Fraile, J.M. (144) 85
Giuntoli, A., see Pertici, P. (144) 7
Goldwasser, J., see Sarrín, J. (144) 441
Goldwasser, J., see Vieira, A. (144) 101
Goldwasser, M.R., see Sarrín, J. (144) 441
Gorzawski, H. and Hoelderich, W.F.
Preparation of superbases and their use as catalysts for double-bond isomerization (144) 181
Götze, L., see Trinkhaus, S. (144) 15
Gratzl, J.S., see Cui, Y. (144) 411
- Ha, V.T.T., see Mériaudeau, P. (144) 469
Halttunen, M.E., Niemelä, M.K., Krause, A.O.I. and Vuori, A.I.
Some aspects on the losses of metal from the support in the hydrocarbonylation of methanol (144) 307
Han, S.H., see Ahn, H.S. (144) 295
Hayashi, H., see Sugiyama, S. (144) 347
Hidaka, H., see Wu, K. (144) 77
Hilal, H.S., Suleiman, M.A., Jondi, W.J., Khalaf, S. and Masoud, M.M.
Poly(siloxane)-supported decacarbonyldimanganese(0) catalyst for terminal olefin hydrosilylation reactions: the effect of the support on the catalyst selectivity, activity and stability (144) 47
Hisanaga, T., see Tanaka, K. (144) 425
Hoelderich, W.F., see Gorzawski, H. (144) 181
Holz, J., see Trinkhaus, S. (144) 15
Hor, T.S.A., see Lassová, L. (144) 397
Houalla, M., see Sarrín, J. (144) 441
Houalla, M., see Vieira, A. (144) 101
Hu, C.P., see Cheng, G.L. (144) 357
- Iglesias, M., see Alcón, M.J. (144) 337
Ikimi, K., see Sato, H. (144) 285
Inoue, M., see Kominami, H. (144) 165
Inui, T., see Kang, M. (144) 329
Inui, T., see Kominami, H. (144) 165
Ishii, H., Ueda, M., Takeuchi, K. and Asai, M.
Oxidative carbonylation of phenol to diphenyl carbonate catalyzed by Pd dinuclear complex (144) 477
Ishii, H., Ueda, M., Takeuchi, K. and Asai, M.
Oxidative carbonylation of phenol to diphenyl carbonate catalyzed by Pd₂–Sn heterotrimeric complex along with Mn redox catalyst without any addition of ammonium halide (144) 369
- Jacobs, P.A., see Neys, P.E.F. (144) 373
Jang, E.J., Lee, K.H., Lee, J.S. and Kim, Y.G.
Hydrocarboxylation of 1-(4-isobutylphenyl) ethanol catalyzed by heterogeneous palladium catalysts (144) 431
Johnstone, R.A.W., see Simões, M.M.Q. (144) 461
Jondi, W.J., see Hilal, H.S. (144) 47
- Kadyrov, R., see Trinkhaus, S. (144) 15
Kaneko, M., see Abe, T. (144) 389
Kaneko, M., see Nagoshi, K. (144) 71
Kang, M. and Inui, T.
Synthesis of NiAPSO-34 catalysts containing a larger concentration of Ni and effect of its sulfidation on methanol conversion (144) 329
Kato, J.-i., see Kominami, H. (144) 165
Kera, Y., see Kominami, H. (144) 165
Khalaf, S., see Hilal, H.S. (144) 47
Kim, Y.G., see Jang, E.J. (144) 431
Ko, Y.G., see Chung, J.S. (144) 61
Kominami, H., Kato, J.-i., Murakami, S.-y., Kera, Y., Inoue, M., Inui, T. and Ohtani, B.
Synthesis of titanium(IV) oxide of ultra-high photocatalytic activity: high-temperature hydrolysis of titanium alkoxides with water liberated homogeneously from solvent alcohols (144) 165
Korneeva, G.A., see Ahn, H.S. (144) 295
Krause, A.O.I., see Halttunen, M.E. (144) 307
Krzyżanowski, P., see Marciniak, B. (144) 263
Kupferman, K., see Setty-Fichman, M. (144) 159
- Lami, M., see Benvenuti, F. (144) 27
Lamy-Pitara, E., N'Zemba, B., Barbier, J., Barbot, F. and Miginiac, L.
Selective catalytic hydrogenation of unsaturated derivatives of nitrobenzene in alcoholic media (144) 199
Lakshmi, L.J., see Miller, J.M. (144) 451
Lassová, L., Lee, H.K. and Hor, T.S.A.
Catalytic dechlorination of chlorobenzenes: effect of solvent on efficiency and selectivity (144) 397
Lebedevs, A., see Leite, L. (144) 323
Lee, H.K., see Lassová, L. (144) 397
Lee, H.N., see Ahn, H.S. (144) 295
Lee, J.S., see Jang, E.J. (144) 431
Lee, K.H., see Jang, E.J. (144) 431
Lee, W.Y., see Chung, J.S. (144) 61
Leite, L., Lebedevs, A., Stonkus, V. and Fleisher, M.
Transformation of 4-hydroxybutanal over porcelain (144) 323
Lemos, F., see Costa, C. (144) 207
Lemos, F., see Costa, C. (144) 221
Lemos, F., see Costa, C. (144) 233

- Lenarda, M., Storaro, L., Ganzerla, R. and Bertoncello, R.
Synthesis, characterization and catalytic activity of ruthenium containing aluminum pillared bentonites (144) 151
- Li, J., see Tian, J. (144) 137
- Lin, H.
The study of oxygen spillover and back spillover on Pt/TiO₂ by a potential dynamic sweep method (144) 189
- Linares, F.L., see Rojas, I. (144) 1
- Liu, H., see Yang, X. (144) 123
- Lopes, J.M., see Costa, C. (144) 207
- Lopes, J.M., see Costa, C. (144) 221
- Lopes, J.M., see Costa, C. (144) 233
- López, C.M., see Vieira, A. (144) 101
- Lu, G., see Yang, H. (144) 315
- Lu, T., see Yang, H. (144) 315
- Machado, F.J., see Vieira, A. (144) 101
- Malanga, C., see Pertici, P. (144) 7
- Marchionna, M., see Benvenuti, F. (144) 27
- Marciniak, B., Krzyżanowski, P., Walczuk-Guściora, E. and Duczmal, W.
Catalytic activity of silyloxy-rhodium(I) complexes in hydrosilylation of alkenes (144) 263
- Masoud, M.M., see Hilal, H.S. (144) 47
- Matsumura, Y., see Ando, H. (144) 117
- Matsumura, Y., see Sugiyama, S. (144) 347
- Mayoral, J.A., see Fraile, J.M. (144) 85
- Méndez, B., see Vieira, A. (144) 101
- Mériaudeau, P., Tiep, L.V., Ha, V.T.T., Naccache, C. and Szabo, G.
Aromatization of methane over Mo/H-ZSM-5 catalyst: on the possible reaction intermediates (144) 469
- Mestroni, G., see Santi, R. (144) 41
- Miginiac, L., see Lamy-Pitara, E. (144) 199
- Miller, J.M. and Lakshmi, L.J.
⁵¹V and ¹H solid-state MAS NMR studies of vanadia catalysts supported on Al₂O₃-TiO₂ sol-gel mixed oxide (144) 451
- Mitra, A., see Chatterjee, D. (144) 363
- Moffat, J.B., see Sugiyama, S. (144) 347
- Murakami, S.-y., see Kominami, H. (144) 165
- Naccache, C., see Mériaudeau, P. (144) 469
- Nagoshi, K., Yamashita, S., Yagi, M. and Kaneko, M.
Catalytic activity of [(bpy)₂(H₂O)Ru-O-Ru(H₂O)(bpy)₂]⁴⁺ for four-electron water oxidation (144) 71
- Narayanan, S., see Unnikrishnan, R. (144) 173
- Newman, P.D., see Cross, R.J. (144) 273
- Neys, P.E.F., Severeys, A., Vankelecom, I.F.J., Ceulemans, E., Dehaen, W. and Jacobs, P.A.
Manganese porphyrins incorporated in polydimethylsiloxane membranes: selective catalysts for the epoxidation of deactivated alkenes (144) 373
- Niemelä, M.K., see Halttunen, M.E. (144) 307
- Noguera, O., see Sarrín, J. (144) 441
- Nukaga, M., see Abe, T. (144) 389
- N'Zemba, B., see Lamy-Pitara, E. (144) 199
- Ohtani, B., see Kominami, H. (144) 165
- Okura, I., see Furuto, T. (144) 257
- Panella, F., see Santi, R. (144) 41
- Patrini, R., see Benvenuti, F. (144) 27
- Patt, R., see Cui, Y. (144) 411
- Peacock, R.D., see Cross, R.J. (144) 273
- Pérez Zurita, M.J., see Sarrín, J. (144) 441
- Pertici, P., Ballantini, V., Catalano, S., Giuntoli, A., Malanga, C. and Vitulli, G.
(η⁶-Naphthalene)(η⁴-cycloocta-1,5-diene)ruthenium(0) as efficient catalytic precursor for the isomerization of methyl linoleate under mild conditions (144) 7
- Pfaff, C., see Vieira, A. (144) 101
- Ragaini, F. and Cenini, S.
Intermediate formation of anilines in the synthesis of Schiff bases from nitroarenes and aldehydes (144) 405
- Ramírez de Agudelo, M.M., see Vieira, A. (144) 101
- Ramli, Z., see Tanaka, K. (144) 425
- Ramôa Ribeiro, F., see Costa, C. (144) 207
- Ramôa Ribeiro, F., see Costa, C. (144) 221
- Ramôa Ribeiro, F., see Costa, C. (144) 233
- Raspolli Galletti, A.M., see Benvenuti, F. (144) 27
- Robert, F., Gaillard, N. and Sinou, D.
Enantioselective palladium-catalyzed allylic substitution with 1-diphenylphosphino-4-dialkylamino ligands (144) 473
- Robledo, S.M., see Tanaka, K. (144) 425
- Rode, B.M., see Bujdák, J. (144) 129
- Rojas, I., Linares, F.L., Valencia, N. and Bianchini, C.
Synthesis, characterization and aqueous-biphasic catalysis of the ruthenium dimer Na[O₃S(C₆H₄)CH₂C(CH₂PPh₂)₃Ru]₂(μ-Cl)₃] (144) 1
- Romano, A.M., see Santi, R. (144) 41
- Rottman, C., see Setty-Fichman, M. (144) 159
- Royo, H., see Sarrín, J. (144) 441
- Sánchez, F., see Alcón, M.J. (144) 337
- Santi, R., Romano, A.M., Panella, F., Mestroni, G. and Sessanti O. Santi, A.
Reductive carbonylation of 2,4-dinitrotoluene to 2,4-toluendiurethane with palladium(1,10-phenanthroline)₂(hexafluorophosphate)₂, as catalyst, and 1,10-phenanthroline hexafluorophosphate, as cocatalyst. (144) 41
- Sarrín, J., Noguera, O., Royo, H., Pérez Zurita, M.J., Scott, C., Goldwasser, M.R., Goldwasser, J. and Houalla, M.
Effect of the preparation method on the reducibility of molybdena-alumina catalysts (144) 441
- Sasson, Y., see Setty-Fichman, M. (144) 159
- Sato, H., Tojima, H. and Ikimi, K.
Studies on nickel-containing Ziegler-type catalysts. V. Dimerization of propylene to 2,3-dimethylbutenes. Part III. 1,1,1,3,3,3-Hexafluoro-2-propanol as a new efficient activator (144) 285
- Sbrana, G., see Benvenuti, F. (144) 27
- Schuchardt, U., see Carvalho, W.A. (144) 91
- Scott, C., see Sarrín, J. (144) 441
- Selke, R., see Trinkhaus, S. (144) 15
- Seok, W.K., see Ahn, H.S. (144) 295
- Sessanti O. Santi, A., see Santi, R. (144) 41

- Setty-Fichman, M., Kupferman, K., Batz, V., Rottman, C., Sasson, Y. and Blum, J.
Dowex[®] 1-supported PtCl₄ ion pair as a recycle hydrogenation catalyst (144) 159
- Severeys, A., see Neys, P.E.F. (144) 373
- Shiroishi, H., see Abe, T. (144) 389
- Simões, M.M.Q., Conceição, C.M.M., Gamelas, J.A.F., Domingues, P.M.D.N., Cavaleiro, A.M.V., Cavaleiro, J.A.S., Ferrer-Correia, A.J.V. and Johnstone, R.A.W.
Keggin-type polyoxotungstates as catalysts in the oxidation of cyclohexane by dilute aqueous hydrogen peroxide (144) 461
- Sinou, D., see Robert, F. (144) 473
- Souma, Y., see Ando, H. (144) 117
- Stirling, D., see Cross, R.J. (144) 273
- Stonkus, V., see Leite, L. (144) 323
- Storaro, L., see Lenarda, M. (144) 151
- Sugiyama, S., Abe, K., Hayashi, H., Matsumura, Y. and Moffat, J.B.
Oxidation of methane with nitrous oxide on calcium hydroxyapatites in the presence and absence of tetrachloromethane (144) 347
- Suleiman, M.A., see Hilal, H.S. (144) 47
- Sun, S., see Yang, H. (144) 315
- Szabo, G., see Mériaudeau, P. (144) 469
- Takeguchi, M., see Furuto, T. (144) 257
- Takeuchi, K., see Ishii, H. (144) 369
- Takeuchi, K., see Ishii, H. (144) 477
- Tamada, Y., see Abe, T. (144) 389
- Tanaka, K., Robledo, S.M., Hisanaga, T., Ali, R., Ramli, Z. and Bakar, W.A.
Photocatalytic degradation of 3,4-xylyl *N*-methylcarbamate (MPMC) and other carbamate pesticides in aqueous TiO₂ suspensions (144) 425
- Tanaka, M., see Ando, H. (144) 117
- Tarnai, T., see Fraile, J.M. (144) 85
- Tian, J., Wang, S., Feng, Y., Li, J. and Collins, S.
Borane-functionalized oxide supports: development of active supported metallocene catalysts at low aluminosilicate loading (144) 137
- Tiep, L.V., see Mériaudeau, P. (144) 469
- Tojima, H., see Sato, H. (144) 285
- Tovar, M.A., see Vieira, A. (144) 101
- Trinkhaus, S., Kadyrov, R., Selke, R., Holz, J., Götze, L. and Börner, A.
Internal vs. external ionic functionality—a comparative study in the asymmetric hydrogenation in water as solvent (144) 15
- Ueda, M., see Ishii, H. (144) 369
- Ueda, M., see Ishii, H. (144) 477
- Uhm, S.J., see Ahn, H.S. (144) 295
- Unnikrishnan, R. and Narayanan, S.
Metal containing layered double hydroxides as efficient catalyst precursors for the selective conversion of acetone (144) 173
- Valencia, N., see Rojas, I. (144) 1
- Vankelecom, I.F.J., see Neys, P.E.F. (144) 373
- Vieira, A., Tovar, M.A., Pfaff, C., Betancourt, P., Méndez, B., López, C.M., Machado, F.J., Goldwasser, J., Ramírez de Agudelo, M.M. and Houalla, M.
A study of manganese-silicoaluminophosphate molecular sieves (144) 101
- Vitulli, G., see Pertici, P. (144) 7
- Vuori, A.I., see Halttunen, M.E. (144) 307
- Wagner, G.W. and Bartram, P.W.
Reactions of the nerve agent simulant diisopropyl fluorophosphate with self-decontaminating adsorbents. A ³¹P MAS NMR study (144) 419
- Walczuk-Guściora, E., see Marciniak, B. (144) 263
- Wallau, M., see Carvalho, W.A. (144) 91
- Wang, S., see Tian, J. (144) 137
- Wu, K., Xie, Y., Zhao, J. and Hidaka, H.
Photo-Fenton degradation of a dye under visible light irradiation (144) 77
- Xie, Y., see Wu, K. (144) 77
- Xue, K., see Yang, H. (144) 315
- Yagi, M., see Nagoshi, K. (144) 71
- Yamashita, S., see Nagoshi, K. (144) 71
- Yang, H., Lu, T., Xue, K., Sun, S., Lu, G. and Chen, S.
Electrocatalytic mechanism for formaldehyde oxidation on the highly dispersed gold microparticles and the surface characteristics of the electrode (144) 315
- Yang, X., Deng, Z. and Liu, H.
Modification of metal complex on hydrogenation of *o*-chloronitrobenzene over polymer-stabilized platinum colloidal clusters (144) 123
- Ying, S.K., see Cheng, G.L. (144) 357
- Zhao, J., see Wu, K. (144) 77