



ELSEVIER

Journal of Molecular Catalysis A: Chemical 112 (1996) 483–485

JOURNAL OF  
MOLECULAR  
CATALYSIS  
A: CHEMICAL

## Author Index

- Abe, T., Taguchi, F., Yoshida, T., Tokita, S., Schnurpfeil, G., Wöhrle, D. and Kaneko, M.  
Electrocatalytic CO<sub>2</sub> reduction by cobalt octabutoxyphthalocyanine coated on graphite electrode (112) 55
- Aboulayt, A., see Ziolk, M. (112) 125
- Adamski, A., see Sojka, Z. (112) 469
- Alper, H., see El Ali, B. (112) 195
- Ansari, A., Peral, J., Domènech, X., Rodríguez-Clemente, R. and Casado, J.  
Oxidation of S(IV) to S(VI) under Fenton, photo-Fenton and  $\gamma$ -FeOOH photocatalyzed conditions (112) 269
- Augustine, R.L. and Tanielyan, S.K.  
Enantioselective heterogeneous catalysis. 2. Examination of the formation of the individual (R) and (S) lactates in the cinchonidine modified platinum hydrogenation of pyruvate (112) 93
- Babushkin, D.E., see Sobolev, A.P. (112) 253
- Bae, S.-h., see Cheong, M. (112) 389
- Bal'zhinimaev, B.S., see Pinaeva, L.G. (112) 115
- Bartók, M., see Martinek, T. (112) 85
- Basset, J.-M., see Lesage, P. (112) 303
- Basset, J.M., see Lesage, P. (112) 431
- Bianchi, M., see Rosi, L. (112) 367
- Bieleński, A., see Dziembaj, R. (112) 423
- Bini, A., see Rosi, L. (112) 367
- Blaser, H.-U., see Studer, M. (112) 437
- Bolzacchini, E., Chiavetto, L.B., Canevali, C., Morazzoni, F., Orlandi, M. and Rindone, B.  
Oxidation of propenoidic phenols catalysed by *N,N'*-ethylenbis(salicylideneiminato)cobalt(II) [Cosalen]: reactivity and spectroscopic studies (112) 347
- Borst, L., see Wehman, P. (112) 23
- Bréhéret, A., see Pinel, C. (112) L157
- Bruni, S., see Di Serio, M. (112) 235
- Budneva, A.A., see Pinaeva, L.G. (112) 115
- Camus, A., Garozzo, M.S., Marsich, N. and Mari, M.  
Oxidative coupling of 2,6-dimethylphenol to polyphenylene ether catalyzed by a dinuclear Cu(II)dihydroxo-diiodo complex of 2,2'-dipyridylamine (112) 353
- Candy, J.-P., see Lesage, P. (112) 303
- Candy, J.P., see Lesage, P. (112) 431
- Canevali, C., see Bolzacchini, E. (112) 347
- Casado, J., see Ansari, A. (112) 269
- Cativiela, C., Fraile, J.M., García, J.I. and Mayoral, J.A.  
A new titanium-silica catalyst for the epoxidation of alkenes (112) 259
- Che, M., see Sojka, Z. (112) 469
- Chen, S.-M.  
The Catalytic autoxidation of sulfite by supported water-soluble iron porphyrins (112) 277
- Cheong, M., Bae, S.-h. and Lee, K.B.  
Phosphorus pentoxide promotion of iridium-catalysed rearrangement of methyl formate in the absence of initial CO pressure (112) 389
- Chiavetto, L.B., see Bolzacchini, E. (112) 347
- Choplin, A., see Leyrit, P. (112) 395
- Choudary, B.M. and Reddy, P.N.  
A new alkyl peroxovanadium catalyst for selective oxidation of nitriles to  $\alpha$ -oxo nitriles: A functional mimic of Cyt-P.450 (112) 385
- Deganello, G., see Duca, D. (112) 413
- Di Serio, M., Iengo, P., Gobetto, R., Bruni, S. and Santacesaria, E.  
Ethoxylation of fatty alcohols promoted by an aluminum alkoxide sulphate catalyst (112) 235
- Domén, K., see Maruya, K.-i. (112) 143
- Domènech, X., see Ansari, A. (112) 269
- Duca, D. and Deganello, G.  
Analysis by size exclusion chromatography (SEC) of catalytic materials: The fractal properties and the pore size distribution of pumice (112) 413
- Durand, R., see Moreau, C. (112) 133
- Dziembaj, R., Matecka, A., Piwowarska, Z. and Bieleński, A.  
XPS study of polyaniline supported dodecatungstosilicic acid catalyst (112) 423
- El Ali, B., Vasapollo, G. and Alper, H.  
A novel Rh-PCy<sub>3</sub>-CO-HCOOH catalytic system for the regioselective conversion of alkenes to aldehydes (112) 195
- Flodström, A.S., see Lu, H. (112) 447
- Flodström, A.S., see Lu, H. (112) 459
- Fort, Y., Silvestri, A. and Graindorge, H.  
Unprecedented effects of solvent and temperature of preparation on hydrosilylating properties of alumina-supported platinum catalyst (112) 311
- Fraile, J.M., see Cativiela, C. (112) 259
- Francis, J.W. and Henry, P.M.  
Palladium(II)-catalyzed exchange and isomerization reactions. XVI. The kinetics and stereochemistry of the oxidation and isomerization of hexafluoro allylic alcohols in aqueous solution catalyzed by PdCl<sub>3</sub>(pyridine)<sup>-</sup> (112) 317
- Frediani, P., see Rosi, L. (112) 367
- Freidanck, F., see Kaminsky, W. (112) 37
- Ganzerla, R., see Storaro, L. (112) 43
- García, J.I., see Cativiela, C. (112) 259

- Garozzo, M.S., see Camus, A. (112) 353
- Gendreau-Diaz, N., see Pinel, C. (112) L157
- Geneste, P., see Moreau, C. (112) 133
- Gobetto, R., see Di Serio, M. (112) 235
- Graindorge, H., see Fort, Y. (112) 311
- Hada, M., see Zhanpeisov, N.U. (112) 63
- Haraoka, T., see Maruya, K.-i. (112) 143
- Henry, P.M., see Francis, J.W. (112) 317
- Hirigoyen, C., see Lesage, P. (112) 303
- Hirigoyen, C., see Lesage, P. (112) 431
- Ho, Y.-S., Wang, C.-B. and Yeh, C.-T.  
Calorimetric study on interaction of dioxygen with alumina supported palladium (112) 287
- Hu, C.-C., see Hung, W.-H. (112) 1
- Huang, L.  
IR studies on the preservation of RhCo<sub>3</sub> clusters on the surface of SiO<sub>2</sub> (112) 69
- Humblot, F., see Lesage, P. (112) 303
- Humblot, F., see Lesage, P. (112) 431
- Hung, W.-H., Hu, C.-C. and Liu, C.-Y.  
Hydrolysis catalyzed with a resin containing histidine groups (112) 1
- Hwang, C.-P. and Yeh, C.-T.  
Platinum-oxide species formed by oxidation of platinum crystallites supported on alumina (112) 295
- Iengo, P., see Di Serio, M. (112) 235
- Ishida, H. and Seri, K.-i.  
Catalytic activity of lanthanoid(III) ions for dehydration of D-glucose to 5-(hydroxymethyl)furfural (112) L163
- Jaroszewski, M., see Szymańska-Buzar, T. (112) 203
- Kamer, P.C.J., see Wehman, P. (112) 23
- Kaminsky, W., Schauwienold, A.-M. and Freidanck, F.  
Photoinduced *rac/meso* interconversions of bridged bis(indenyl) zirconium dichlorides (112) 37
- Kaneko, M., see Abe, T. (112) 55
- Katona, T., see Martinek, T. (112) 85
- Kilner, M. and Winter, N.J.  
Studies of the rhodium iodide catalysed hydrocarboxylation of ethene (112) 327
- Korchowiec, J., see Nalewajski, R.F. (112) 167
- Kujawa, J., see Ziolk, M. (112) 125
- Lavalley, J.C., see Ziolk, M. (112) 125
- Leconte, M., see Lesage, P. (112) 303
- Lee, K.B., see Cheong, M. (112) 389
- Lemaire, M., see Pinel, C. (112) L157
- Lenarda, M., see Storaro, L. (112) 43
- Lesage, P., Candy, J.-P., Hirigoyen, C., Humblot, F., Leconte, M. and Basset, J.-M.  
An example of the valorization of terpenes: The selective isomerization of 3-carene to 2-carene in the presence of silica supported nickel catalysts modified by tetrabutyl tin (112) 303
- Lesage, P., Candy, J.P., Hirigoyen, C., Humblot, F. and Basset, J.M.  
Selective dehydrogenation of dipentene (*R*-(+)-limonene) into paracymene on silica supported palladium assisted by  $\alpha$ -olefins as hydrogen acceptor (112) 431
- Leyrit, P., McGill, C., Quignard, F. and Choplin, A.  
A novel heterogeneous molecular catalyst for the Meerwein-Ponndorf-Verley and Oppenauer reactions (112) 395
- Li, Z., see Zhang, J.Z. (112) 9
- Likholobov, V.A., see Moroz, B.L. (112) 217
- Liu, C., Ye, X., Zhan, R. and Wu, Y.  
Phenol hydroxylation by iron(II)phenanthroline: The reaction mechanism (112) 15
- Liu, C.-Y., see Hung, W.-H. (112) 1
- Liu, H., see Yu, W. (112) 105
- Lovas, A., see Martinek, T. (112) 85
- Lu, H., Pradier, C.-M. and Flodström, A.S.  
Catalytic reduction of nitric oxide on copper. Part I (112) 447
- Lu, H., Pradier, C.-M. and Flodström, A.S.  
Catalytic reduction of nitric oxide over copper. Part II: Influence of sulfur dioxide (112) 459
- Małecka, A., see Dziembaj, R. (112) 423
- Mari, M., see Camus, A. (112) 353
- Marsich, N., see Camus, A. (112) 353
- Martinek, T., Molnár, Á., Katona, T., Bartók, M. and Lovas, A.  
Amorphous alloy catalysis IX. Isomerization and hydrogenation of allyl alcohol over an amorphous copper-zirconium alloy (112) 85
- Maruya, K.-i., Takasawa, A., Haraoka, T., Domen, K. and Onishi, T.  
Role of methoxide species in *isobutene* formation from CO and H<sub>2</sub> over oxide catalysts  
Methoxide species in *isobutene* formation (112) 143
- Mayoral, J.A., see Cativiela, C. (112) 259
- McGill, C., see Leyrit, P. (112) 395
- Miura, M., see Satoh, T. (112) 211
- Molnár, Á., see Martinek, T. (112) 85
- Morazzoni, F., see Bolzacchini, E. (112) 347
- Moreau, C., Durand, R., Geneste, P. and Mseddi, S.  
Determination of the acid strength of solid catalysts in water by means of a kinetic tracer (112) 133
- Moroz, B.L., Moudrakovski, I.L. and Likholobov, V.A.  
Heterogenized catalysts for olefin hydroformylation containing cobalt and palladium-cobalt complexes anchored on phosphinated SiO<sub>2</sub>: a <sup>13</sup>C solid-state NMR study (112) 217
- Moudrakovski, I.L., see Moroz, B.L. (112) 217
- Mseddi, S., see Moreau, C. (112) 133
- Nakatsuji, H., see Zhanpeisov, N.U. (112) 63
- Nalewajski, R.F. and Korchowiec, J.  
Charge response study of the toluene-[V<sub>2</sub>O<sub>5</sub>] chemisorption clusters: Two reactant approach (112) 167
- Nomura, M., see Satoh, T. (112) 211
- Onishi, T., see Maruya, K.-i. (112) 143
- Orlandi, M., see Bolzacchini, E. (112) 347
- Paukshtis, E.A., see Pinaeva, L.G. (112) 115
- Peral, J., see Ansari, A. (112) 269
- Pinaeva, L.G., Suknev, A.P., Budneva, A.A., Paukshtis, E.A. and Bal'zhinimaev, B.S.  
On the role of oxygen in the reaction of NO reduction by NH<sub>3</sub> over monolayer V<sub>2</sub>O<sub>5</sub>-TiO<sub>2</sub> catalyst (112) 115
- Pinel, C., Gendreau-Diaz, N., Bréhéret, A. and Lemaire, M.  
Asymmetric hydrogenation of  $\alpha$ -keto ester with diamine-complexed metal (112) L157
- Piwowarska, Z., see Dziembaj, R. (112) 423
- Pradier, C.-M., see Lu, H. (112) 447
- Pradier, C.-M., see Lu, H. (112) 459
- Quignard, F., see Leyrit, P. (112) 395
- Reddy, P.N., see Choudary, B.M. (112) 385
- Righini, G., see Storaro, L. (112) 43

- Rindone, B., see Bolzacchini, E. (112) 347
- Rodríguez-Clemente, R., see Ansari, A. (112) 269
- Roessner, F. and Roland, U.  
Hydrogen spillover in bifunctional catalysis (112) 401
- Roland, U., see Roessner, F. (112) 401
- Rosi, L., Bini, A., Frediani, P., Bianchi, M. and Salvini, A.  
Functionalized phosphine substituted cobalt carbonyls. Synthesis, characterization and catalytic activity in the hydroformylation of olefins (112) 367
- Salvini, A., see Rosi, L. (112) 367
- Santacesaria, E., see Di Serio, M. (112) 235
- Satoh, T., Miura, M. and Nomura, M.  
Palladium-catalyzed arylation of secondary allylic alcohols in the presence of copper(II)triflate and triphenylphosphine: Selective synthesis of  $\beta$ -aryl- $\alpha$ , $\beta$ -unsaturated ketones (112) 211
- Saur, O., see Ziolek, M. (112) 125
- Schauwienold, A.-M., see Kaminsky, W. (112) 37
- Schnurpfeil, G., see Abe, T. (112) 55
- Seri, K.-i., see Ishida, H. (112) L163
- Shubin, A.A., see Sobolev, A.P. (112) 253
- Silvestri, A., see Fort, Y. (112) 311
- Sobolev, A.P., Babushkin, D.E., Shubin, A.A. and Talsi, E.P.  
EPR and  $^1\text{H}$  NMR spectroscopic characterization of the ferric species formed in the iron picolinate/(pyridine/acetic acid)/HOOH catalytic system for the direct ketonization of methylenic carbons (112) 253
- Sojka, Z., Adamski, A. and Che, M.  
Use of phosphines as versatile molecular probes for studying the coordination states of molybdenum ions in Mo/SiO<sub>2</sub> catalysts by EPR (112) 469
- Storaro, L., Ganzerla, R., Lenarda, M., Zanoni, R. and Righini, G.  
Highly selective vapor phase propene hydroformylation catalyzed by Rh/B and Rh-Co/B systems on silica (112) 43
- Studer, M. and Blaser, H.-U.  
Influence of catalyst type, solvent, acid and base on the selectivity and rate in the catalytic debenzoylation of 4-chloro-*N,N*-dibenzyl aniline with Pd/C and H<sub>2</sub> (112) 437
- Suknev, A.P., see Pinaeva, L.G. (112) 115
- Szymańska-Buzar, T., Jaroszewski, M., Wilgocki, M. and Ziółkowski, J.J.  
Reactivity of bis(alkene)tetracarbonyl complexes of tungsten: evidence for alkene to  $\pi$ -allyl hydride rearrangement (112) 203
- Taguchi, F., see Abe, T. (112) 55
- Takasawa, A., see Maruya, K.-i. (112) 143
- Talsi, E.P., see Sobolev, A.P. (112) 253
- Tanielyan, S.K., see Augustine, R.L. (112) 93
- Tokita, S., see Abe, T. (112) 55
- Van Leeuwen, P.W.N.M., see Wehman, P. (112) 23
- Vasapollo, G., see El Ali, B. (112) 195
- Wang, C.-B., see Ho, Y.-S. (112) 287
- Wang, C.Y., see Zhang, J.Z. (112) 9
- Wang, H., see Zhang, J.Z. (112) 9
- Wang, Y., see Yu, W. (112) 105
- Wehman, P., Borst, L., Kamer, P.C.J. and Van Leeuwen, P.W.N.M.  
Influence of an aromatic carboxylic acid as cocatalyst in the palladium-catalysed reductive carbonylation of aromatic nitro compounds (112) 23
- Wilgocki, M., see Szymańska-Buzar, T. (112) 203
- Winter, N.J., see Kilner, M. (112) 327
- Wöhrlé, D., see Abe, T. (112) 55
- Wu, Y., see Liu, C. (112) 15
- Ye, X., see Liu, C. (112) 15
- Yeh, C.-T., see Ho, Y.-S. (112) 287
- Yeh, C.-T., see Hwang, C.-P. (112) 295
- Yoshida, T., see Abe, T. (112) 55
- Yu, W., Wang, Y., Liu, H. and Zheng, W.  
Preparation and characterization of polymer-protected Pt/Co bimetallic colloids and their catalytic properties in the selective hydrogenation of cinnamaldehyde (112) 105
- Zanoni, R., see Storaro, L. (112) 43
- Zhan, R., see Liu, C. (112) 15
- Zhang, J.Z., Li, Z., Wang, H. and Wang, C.Y.  
Homogeneous catalytic synthesis of formic acid (salts) by hydrogenation of CO<sub>2</sub> with H<sub>2</sub> in the presence of ruthenium species (112) 9
- Zhanpeisov, N.U., Nakatsuji, H. and Hada, M.  
Cluster quantum-chemical MINDO/3 study of the nature of hydroxyl groups on a calcium oxide surface (112) 63
- Zheng, W., see Yu, W. (112) 105
- Ziolek, M., Kujawa, J., Saur, O., Aboulayt, A. and Lavalley, J.C.  
Influence of sulfur dioxide adsorption on the surface properties of metal oxides (112) 125
- Ziółkowski, J.J., see Szymańska-Buzar, T. (112) 203