



ELSEVIER

Catalysis Today 57 (2000) 349–351



www.elsevier.com/locate/cattod

## Author index

- Allali, N., see Gaborit, V. 267  
Aranda, D.A., see Passos, F.B. 283  
Aranda, D.A.G., see Noronha, F.B. 275  
Aranda, D.A.G., see Schmal, M. 169  
Arends, I.W.C.E., see Sheldon, R.A. 157
- Baiker, A., see Mallat, T. 1  
Baiker, A., see Murphy, E.F. 115  
Besson, M. and Gallezot, P.  
    Selective oxidation of alcohols and aldehydes on metal catalysts 127  
Betancourt, P., Rives, A., Scott, C.E. and Hubaut, R.  
    Hydrotreating on mixed vanadium–nickel sulphides. A study of the synergetic effect 201  
Bozon-Verduraz, F.V., see Brayner, R. 187, 261  
Brás Fernandes, F., see Carabineiro, S.A. 305  
Brayner, R., Ciuparu, D., da Cruz, G.M., Fiévet-Vincent, F.V. and Bozon-Verduraz, F.V.  
    Preparation and characterization of high surface area niobia, ceria–niobia and ceria–zirconia 261  
Brayner, R., Djéga-Mariadassou, G., Marques da Cruz, G. and Rodrigues, J.A.J.  
    Hydrazine decomposition over niobium oxynitride with macropores generation 225  
Brayner, R., Rodrigues, J.A.J. and Cruz, G.M.  
    Synthesis and molding of niobium oxynitrides with macropores generation. Reactivity and stability in cyclohexane dehydrogenation 219  
Brayner, R., Viau, G., da Cruz, G.M., Fiévet-Vincent, F.V., Fiévet, F. and Bozon-Verduraz, F.V.  
    Preparation, characterization and reactivity of Pd/Nb<sub>2</sub>O<sub>5</sub> catalysts in hexa-1,5-diene hydrogenation 187  
Breysse, M., see Gaborit, V. 267  
Briand, L.E., see Wachs, I.E. 323  
Brito, J.B., see Prasad, S. 339  
Bulushev, D.A., Kiwi-Minsker, L. and Renken, A.  
    Vanadia/titania catalysts for gas phase partial toluene oxidation. Spectroscopic characterisation and transient kinetics study 231  
Burcham, L., see Wachs, I.E. 323
- Calcagno, C.I.W., see Gerbase, A.E. 241  
Caldarelli, S., see Pries de Oliveira, P.G. 177  
Camorim, V.L.L., see da Silva, C.L.T. 209  
Carabineiro, S.A., Brás Fernandes, F., Ramos, A.M., Vital, J. and Silva, I.F.  
    Vanadium as a catalyst for NO, N<sub>2</sub>O and CO<sub>2</sub> reaction with activated carbon 305  
Carrara, C.R., see Cornaglia, L.M. 313  
Chavant, M., see Pries de Oliveira, P.G. 177  
Choudary, B.M., Kantam, M.L. and Santhi, P.L.  
    New and ecofriendly options for the production of speciality and fine chemicals 17  
Ciuparu, D., see Brayner, R. 261  
Clark, J.H., see Rafelt, J.S. 17, 33  
Cornaglia, L.M., Carrara, C.R., Petunchi, J.O. and Lombardo, E.A.  
    Characterization of cobalt-impregnated VPO catalysts 313  
Cruz, G.M., see Brayner, R. 219
- da Cruz, G.M., see Brayner, R. 187, 261  
da Silva, C.L.T., Camorim, V.L.L., Zotin, J.L., Duarte Pereira, M.L.R. and Faro Jr., A.d.C.  
    Surface acidic properties of alumina-supported niobia prepared by chemical vapour deposition and hydrolysis of niobium pentachloride 209  
Danot, M., see Gaborit, V. 267  
De Vos, D.E. and Jacobs, P.A.  
    Heterogenization of Mn and Fe complex oxidation catalysts 105  
Dijkman, A., see Sheldon, R.A. 157  
Djéga-Mariadassou, G., see Brayner, R. 225  
Duarte Pereira, M.L.R., see da Silva, C.L.T. 209
- Eon, J.G., see Pries de Oliveira, P.G. 177
- Faro Jr., A.d.C., see da Silva, C.L.T. 209  
Fiévet, F., see Brayner, R. 187  
Fiévet-Vincent, F.V., see Brayner, R. 187, 261  
Fraile, J.M., García, J.I. and Mayoral, J.A.  
    Basic solids in the oxidation of organic compounds 3  
Freitas, L. de L., see Gerbase, A.E. 241  
Frydman, A., see Schmal, M. 169  
Fujimori, T., see Ito, S.I. 247
- Gaborit, V., Allali, N., Geantet, C., Breysse, M., Vrinat, M. and Danot, M.  
    Niobium sulfide as a dopant for hydrotreating NiMo catalysts 267  
Gallezot, P., see Besson, M. 127  
Gao, X., see Wachs, I.E. 323  
García, J.I., see Fraile, J.M. 3  
Geantet, C., see Gaborit, V. 267

- Gerbase, A.E., Gregório, J.R., Martinelli, M., von Holleben, M.L.A., Jacobi, M.A.M., Freitas, L. de L., Calcagno, C.I.W., Mendes, A.N.F. and Pires, M.L.  
Polymers oxidation with VO(acac)<sub>2</sub> complex 241
- Gigola, C., see Neyertz, C. 255
- Gonçalves, S.B., see Prasad, S. 339
- Grange, P., see Parvulescu, V. 193
- Gregório, J.R., see Gerbase, A.E. 241
- Hubaut, R., see Betancourt, P. 201
- Ito, S.-I., Fujimori, T., Nagashima, K., Yuzaki, K. and Kunimori, K.  
Strong rhodium–niobia interaction in Rh/Nb<sub>2</sub>O<sub>5</sub>, Nb<sub>2</sub>O<sub>5</sub>–Rh/SiO<sub>2</sub> and RhNbO<sub>4</sub>/SiO<sub>2</sub> catalysts. Application to selective CO oxidation and CO hydrogenation 247
- Jacobi, M.A.M., see Gerbase, A.E. 241
- Jacobs, P.A., see De Vos, D.E. 105
- Jehng, J.M., see Wachs, I.E. 323
- Kantam, M.L., see Choudary, B.M. 17
- Kiwi-Minsker, L., see Bulushev, D.A. 231
- Kluytmans, J.H.J., Markusse, A.P., Kuster, B.F.M., Marin, G.B. and Schouten, J.C.  
Engineering aspects of the aqueous noble metal catalysed alcohol oxidation 143
- Kunimori, K., see Ito, S.I. 247
- Kuster, B.F.M., see Kluytmans, J.H.J. 143
- Lau, L.Y., see Pereira, M.M. 291
- Lombardo, E.A., see Cornaglia, L.M. 313
- Lücke, B., see Martin, A. 61
- Mallat, T. and Baiker, A.  
Catalytic oxidation for the synthesis of specialty and fine chemicals 1
- Mallat, T., see Murphy, E.F. 115
- Marin, G.B., see Kluytmans, J.H.J. 143
- Markusse, A.P., see Kluytmans, J.H.J. 143
- Marques da Cruz, G., see Brayner, R. 225
- Martin, A. and Lücke, B.  
Ammonoxidation and oxidation of substituted methyl aromatics on vanadium-containing catalysts 61
- Martin, V., see Pries de Oliveira, P.G. 177
- Martinelli, M., see Gerbase, A.E. 241
- Mayoral, J.A., see Fraile, J.M. 3
- Mendes, A.N.F., see Gerbase, A.E. 241
- Murphy, E.F., Mallat, T. and Baiker, A.  
Allylic oxofunctionalization of cyclic olefins with homogeneous and heterogeneous catalysts 115
- Nagai, M., Nakauchi, R., Ono, Y. and Omi, S.  
CVD preparation of alumina-supported niobium nitride and its activity for thiophene hydrodesulfurization 297
- Nagashima, K., see Ito, S.I. 247
- Nakauchi, R., see Nagai, M. 297
- Neyertz, C., Volpe, M.A. and Gigola, C.  
Palladium–vanadium interaction in binary supported catalysts 255
- Noronha, F.B., Aranda, D.A.G., Ordine, A.P. and Schmal, M.  
The promoting effect of Nb<sub>2</sub>O<sub>5</sub> addition to Pd/Al<sub>2</sub>O<sub>3</sub> catalysts on propane oxidation 275
- Noronha, F.B., see Schmal, M. 169
- Omi, S., see Nagai, M. 297
- Ono, Y., see Nagai, M. 297
- Ordine, A.P., see Noronha, F.B. 275
- Otsuka, K. and Yamanaka, I.  
Oxygenation of alkanes and aromatics by reductively activated oxygen during H<sub>2</sub>–O<sub>2</sub> cell reactions 71
- Parvulescu, V., Parvulescu, V.I. and Grange, P.  
Preparation, characterization and catalytic properties of Co–Nb<sub>2</sub>O<sub>5</sub>–SiO<sub>2</sub> catalysts 193
- Parvulescu, V.I., see Parvulescu, V. 193
- Passos, F.B., Aranda, D.A. and Schmal, M.  
The state of Tin on Pt–Sn/Nb<sub>2</sub>O<sub>5</sub> catalysts 283
- Pereira, E.B., see Pereira, M.M. 291
- Pereira, M.M., Pereira, E.B., Lau, L.Y. and Schmal, M.  
The nickel–niobia–silica interactions at low nickel contents 291
- Petunchi, J.O., see Cornaglia, L.M. 313
- Pires, M.L., see Gerbase, A.E. 241
- Prasad, S., Gonçalves, S.B. and Brito, J.B.  
Electrometric studies on the system acid-vanadate and the formation of heavy metal vanadates 339
- Pries de Oliveira, P.G., Eon, J.G., Chavant, M., Riché, A.S., Martin, V., Caldarelli, S. and Volta, J.C.  
Modification of vanadium phosphorus oxides used for *n*-butane oxidation to maleic anhydride by interaction with niobium phosphate 177
- Rafelt, J.S. and Clark, J.H.  
Recent advances in the partial oxidation of organic molecules using heterogeneous catalysis 17
- Rafelt, J.S. and Clark, J.H.  
Recent advances in the partial oxidation of organic molecules using heterogeneous catalysis 33
- Ramos, A.M., see Carabineiro, S.A. 305
- Renken, A., see Bulushev, D.A. 231
- Riché, A.S., see Pries de Oliveira, P.G. 177
- Rives, A., see Betancourt, P. 201
- Rodrigues, J.A.J., see Brayner, R. 219, 225
- Santhi, P.L., see Choudary, B.M. 17
- Schmal, M., Aranda, D.A.G., Soares, R.R., Noronha, F.B. and Frydman, A.  
A study of the promoting effect of noble metal addition on niobia and niobia alumina catalysts 169
- Schmal, M., see Noronha, F.B. 275
- Schmal, M., see Passos, F.B. 283
- Schmal, M., see Pereira, M.M. 291
- Schouten, J.C., see Kluytmans, J.H.J. 143
- Scott, C.E., see Betancourt, P. 201
- Sheldon, R.A., Arends, I.W.C.E. and Dijkstra, A.

- New developments in catalytic alcohol oxidations for fine chemicals synthesis 157
- Sherrington, D.C.  
     Polymer-supported metal complex alkene epoxidation catalysts 87
- Silva, I.F., see Carabineiro, S.A. 305
- Soares, R.R., see Schmal, M. 169
- Sorokin, A.B. and Tuel, A.  
     Metallophthalocyanine functionalized silicas: catalysts for the selective oxidation of aromatic compounds 45
- Tuel, A., see Sorokin, A.B. 45
- Ushikubo, T.  
     Recent topics of research and development of catalysis by niobium and tantalum oxides 331
- Viau, G., see Brayner, R. 187
- Vital, J., see Carabineiro, S.A. 305
- Volpe, M.A., see Neyertz, C. 255
- Volta, J.C., see Pries de Oliveira, P.G. 177
- von Holleben, M.L.A., see Gerbase, A.E. 241
- Vrinat, M., see Gaborit, V. 267
- Wachs, I.E., Briand, L.E., Jehng, J.M., Burcham, L. and Gao, X.  
     Molecular structure and reactivity of the group V metal oxides 323
- Yamanaka, I., see Otsuka, K. 71
- Yuzaki, K., see Ito, S.I. 247
- Zotin, J.L., see da Silva, C.L.T. 209