

Author index

Ajo, H.M., V.A. Bondzie and C.T. Campbell, Propene adsorption on gold particles on TiO ₂ (110)	78 (2002) 359
Akin, F.T. and Y.S. Lin, Controlled oxidative coupling of methane by ionic conducting ceramic membrane	78 (2002) 239
Al-Mayman, S.I. and S.M. al-Zahrani, Catalytic cracking of gas-oils in electromagnetic fields: I—dielectric properties for the zeolitic catalysts	78 (2002) 331
al-Zahrani, S.M., see Al-Mayman, S.I.	78 (2002) 331
Alikina, G.M., see Metelkina, O.V.	78 (2002) 111
Alvarez, F., see Melo, L.	78 (2002) 57
Anand, R., R.B. Khomane, B.S. Rao and B.D. Kulkarni, Vapor phase Beckmann rearrangement of cyclohexanone oxime over different ferrierite zeolite catalysts	78 (2002) 189
Andersson, A., see Hinz, A.	78 (2002) 177
Anstrom, M., J.A. Dumesic and N.-Y. Topsøe, Theoretical insight into the nature of ammonia adsorption on vanadia-based catalysts for SCR reaction	78 (2002) 281
Anunziata, O.A., see Eimer, G.A.	78 (2002) 65
Asano, T., see Okamoto, M.	78 (2002) 33
Au, C.T., see Tan, P.L.	78 (2002) 251
Baerns, M., see Kerler, B.	78 (2002) 259
Baiker, A., see von Arx, M.	78 (2002) 267
Bañares-Muñoz, M.A., see Vicente, M.A.	78 (2002) 99
Bao, X., see Yao, N.	78 (2002) 37
Barri, S.A.I., see El-Rayyes, A.A.	78 (2002) 161
Basini, L., see Grunwaldt, J.-D.	78 (2002) 13
Berhault, G., L. Cota Araiza, A. Duarte Moller, A. Mehta and R.R. Chianelli, Modifications of unpromoted and cobalt-promoted MoS ₂ during thermal treatment by dimethylsulfide	78 (2002) 81
Bhaskar, V., see Lakshmi Kantam, M.	78 (2002) 185
Boghossian, S., see Giakoumelou, I.	78 (2002) 209
Bondzie, V.A., see Ajo, H.M.	78 (2002) 359
Botella, P., J.M. López Nieto and B. Solsona, Preparation, characterisation and catalytic behaviour of a new TeVMoO crystalline phase	78 (2002) 383
Boyd, V.J., see Harris, R.H.	78 (2002) 369
Bunina, R.V., see Metelkina, O.V.	78 (2002) 111
Cai, R., see Tong, J.	78 (2002) 129
Campbell, C.T., see Ajo, H.M.	78 (2002) 359
Caraba, R.M., see Giakoumelou, I.	78 (2002) 209
Chen, C.-L., T. Li, S. Cheng, N. Xu and C.-Y. Mou, Catalytic behavior of alumina-promoted sulfated zirconia supported on mesoporous silica in butane isomerization	78 (2002) 223
Chen, H.Y., see Zhong, Z.Y.	78 (2002) 325
Chen, L., see Horiuchi, T.	78 (2002) 319
Cheng, S., see Chen, C.-L.	78 (2002) 223
Chianelli, R.R., see Berhault, G.	78 (2002) 81
Choi, S.-D., see Park, D.-W.	78 (2002) 145
Choi, S.-Ja., see Park, D.-W.	78 (2002) 145
Choudary, B.M., B. Kavita, N. Sreenivasa Chowdari, B. Sreedhar and M. Lakshmi Kantam, Layered double hydroxides containing chiral organic guests: Synthesis, characterization and application for asymmetric C—C bond-forming reactions	78 (2002) 373
Choudary, B.M., see Lakshmi Kantam, M.	78 (2002) 185
Chung, H.-H., J. Jung, J.-H. Yoon and M.-J. Lee, Catalytic ozonation of PCE by clay from tidal flat sediments	78 (2002) 77
Clacens, J.-M., see Kochkar, H.	78 (2002) 91
Clausen, B.S., see Grunwaldt, J.-D.	78 (2002) 13
Clerici, M.G., see Ingallina, P.	78 (2002) 297
Comelli, R.A., see Finelli, Z.R.	78 (2002) 339
Cota Araiza, L., see Berhault, G.	78 (2002) 81

- de Angelis, A., see Ingallina, P. 78 (2002) 297
- Derevyankin, A.Y., see Metelkina, O.V. 78 (2002) 111
- De Rossi, S., G. Moretti, G. Ferraris and D. Gazzoli, Isomerization of *n*-butane over ultrastable H-Y zeolites with different Si/Al atomic ratio 78 (2002) 119
- Ding, L., see Muggli, D.S. 78 (2002) 23
- Dlamini, H., T. Motjope, G. Joorst, G. ter Stege and M. Mdleleni, Changes in physico-chemical properties of iron-based Fischer–Tropsch catalyst induced by SiO₂ addition 78 (2002) 201
- Doménech, A., J. Pérez-Ramírez, A. Ribera, F. Kapteijn, G. Mul and J.A. Moulijn, Characterization of iron species in *ex*-framework FeZSM-5 by electrochemical methods 78 (2002) 303
- Dong, W.-S., K.-W. Jun, H.-S. Roh, Z.-W. Liu and S.-E. Park, Comparative study on partial oxidation of methane over Ni/ZrO₂, Ni/CeO₂ and Ni/Ce-ZrO₂ catalysts 78 (2002) 215
- Duarte Moller, A., see Berhault, G. 78 (2002) 81
- Dumesic, J.A., see Anstrom, M. 78 (2002) 281
- Eimer, G.A., L.B. Pierella, G.A. Monti and O.A. Anunziata, Synthesis and characterization of Al-MCM-41 and Al-MCM-48 mesoporous materials 78 (2002) 65
- El-Rayyes, A.A., H.P. Perzanowski, U.K.A. Klein and S.A.I. Barri, Acidity of zeolite Y—Probed by adsorption of 1-naphthylamine and studied by laser-induced fluorescence spectroscopy 78 (2002) 161
- Fenelonov, V.B., see Metelkina, O.V. 78 (2002) 111
- Ferraris, G., see De Rossi, S. 78 (2002) 119
- Figueras, F., see Kochkar, H. 78 (2002) 91
- Finelli, Z.R., C.A. Querini and R.A. Comelli, Skeletal isomerization of linear butenes on ferrierite: Effect of the presence of lower olefins in the feed and of operating conditions 78 (2002) 339
- Formentín, P. and H. García, Ionic liquids as exceedingly convenient solvents for the Friedel–Crafts monoalkylation of electron-rich arenes with paraformaldehyde using HCl as catalyst 78 (2002) 115
- Fujiwara, T., see Horiuchi, T. 78 (2002) 319
- Fukuda, N., see Sugiyama, S. 78 (2002) 139
- Furukawa, T., see Yamada, M. 78 (2002) 195
- Gandía, L.M., see Vicente, M.A. 78 (2002) 99
- Gao, Z.-X., see Sun, Q. 78 (2002) 1
- García, H., see Formentín, P. 78 (2002) 115
- García, L., see Melo, L. 78 (2002) 57
- Gazzoli, D., see De Rossi, S. 78 (2002) 119
- Giakoumelou, I., R.M. Caraba, V.I. Parvulescu and S. Boghosian, First *in situ* Raman study of vanadium oxide based SO₂ oxidation supported molten salt catalysts 78 (2002) 209
- Giannetto, G., see Melo, L. 78 (2002) 57
- Gil, A., see Vicente, M.A. 78 (2002) 99
- Goldoni, A., see Lee, A.F. 78 (2002) 379
- González, E., see Vicente, M.A. 78 (2002) 99
- Grigoropoulou, H.P., see Pouloupoulos, S.G. 78 (2002) 291
- Grunwaldt, J.-D., P. Kappen, L. Basini and B.S. Clausen, Iridium clusters for catalytic partial oxidation of methane—an *in situ* transmission and fluorescence XAFS study 78 (2002) 13
- Guisnet, M., see Melo, L. 78 (2002) 57
- Harris, R.H., V.J. Boyd, G.J. Hutchings and S.H. Taylor, Water as a promoter of the complete oxidation of volatile organic compounds over uranium oxide catalysts 78 (2002) 369
- Hayashi, H., see Sugiyama, S. 78 (2002) 139
- Hayashi, K., T. Horiuchi, K. Suzuki and T. Mori, Sintering behavior of Pt metal particles supported on silica-coated alumina surface 78 (2002) 43
- He, M., see Yao, N. 78 (2002) 37
- Heikkilä, T., see Kumar, N. 78 (2002) 105
- Herrmann, J.-M., see Marcu, I.-C. 78 (2002) 273
- Hill, D.O., see Iranmahboob, J. 78 (2002) 49
- Hinz, A., P.-O. Larsson and A. Andersson, Influence of Pt loading on Al₂O₃ for the low temperature combustion of methanol with and without a trace amount of ammonia 78 (2002) 177
- Horiuchi, T., see Hayashi, K. 78 (2002) 43
- Horiuchi, T., T. Fujiwara, L. Chen, K. Suzuki and T. Mori, Selective catalytic reduction of NO by C₃H₆ over Co/Al₂O₃ catalyst with extremely low cobalt loading 78 (2002) 319
- Hutchings, G.J., see Harris, R.H. 78 (2002) 369
- Ingallina, P., A. de Angelis, W.O. Parker Jr. and M.G. Clerici, Isobutane alkylation catalyzed by supported perfluoroalkanedisulphonic acids 78 (2002) 297

Iranmahboob, J. and D.O. Hill, Alcohol synthesis from syngas over $K_2CO_3/CoS/MoS_2$ on activated carbon	78 (2002) 49
Jones, C.A. and S.C. Larsen, A ^{13}C and ^{15}N solid state NMR study of the reactions of acetone oxime adsorbed on FeZSM-5	78 (2002) 243
Joorst, G., see Dlamini, H.	78 (2002) 201
Jun, K.-W., see Dong, W.-S.	78 (2002) 215
Jung, J., see Chung, H.-H.	78 (2002) 77
Juszczyk, W., D. Lomot, J. Pielaszek and Z. Karpiński, Transformation of Pd/SiO ₂ catalysts during high temperature reduction	78 (2002) 95
Kaluža, L. and M. Zdražil, Preparation of MoO_3/Al_2O_3 catalysts with sharp eggshell Mo distribution by slurry impregnation	78 (2002) 313
Kappen, P., see Grunwaldt, J.-D.	78 (2002) 13
Kapteijn, F., see Doménech, A.	78 (2002) 303
Karpiński, Z., see Juszczyk, W.	78 (2002) 95
Kavita, B., see Choudary, B.M.	78 (2002) 373
Kerler, B., A. Martin, M.-M. Pohl and M. Baerns, $(VO)_2P_2O_7$ catalysed partial oxidation of propane in dense CO ₂	78 (2002) 259
Khomane, R.B., see Anand, R.	78 (2002) 189
Kim, G.-J., see Park, D.-W.	78 (2002) 145
Klak, M., see Nowińska, K.	78 (2002) 347
Klein, U.K.A., see El-Rayyes, A.A.	78 (2002) 161
Kochkar, H., J.-M. Clacens and F. Figueras, Isomerization of styrene epoxide on basic solids	78 (2002) 91
Koizumi, N., see Yamada, M.	78 (2002) 195
Kulkarni, B.D., see Anand, R.	78 (2002) 189
Kumar, N., V. Nieminen, L.E. Lindfors, T. Salmi, D.Y.. Murzin, E. Laine and T. Heikkilä, Cu-H-MCM-41, H-MCM-41 and Na-MCM-41 mesoporous molecular sieve catalysts for isomerization of 1-butene to isobutene	78 (2002) 105
Lai, S.Y., see Tan, P.L.	78 (2002) 251
Laine, E., see Kumar, N.	78 (2002) 105
Lakshmi Kantam, M., see Choudary, B.M.	78 (2002) 373
Lakshmi Kantam, M., V. Bhaskar and B.M. Choudary, Direct condensation of carboxylic acids with alcohols: The atom economic protocol catalysed by Fe^{3+} -montmorillonite	78 (2002) 185
Lambert, R.M., see Sykes, E.C.H.	78 (2002) 7
Larciprete, R., see Lee, A.F.	78 (2002) 379
Larsen, S.C., see Jones, C.A.	78 (2002) 243
Larsson, P.-O., see Hinz, A.	78 (2002) 177
Lee, A.F., K. Wilson, A. Goldoni, R. Larciprete and S. Lizzit, A Fast XPS study of propene decomposition over clean and sulphated Pt{111}	78 (2002) 379
Lee, C.-Y., see Park, D.-W.	78 (2002) 145
Lee, M.-J., see Chung, H.-H.	78 (2002) 77
Leung, Y.L., see Tan, P.L.	78 (2002) 251
Li, J., see Lu, Y.	78 (2002) 231
Li, T., see Chen, C.-L.	78 (2002) 223
Lin, J., see Lu, Y.	78 (2002) 231
Lin, J., see Zhong, Z.Y.	78 (2002) 325
Lin, L., see Tong, J.	78 (2002) 129
Lin, Y.S., see Akin, F.T.	78 (2002) 239
Lindfors, L.E., see Kumar, N.	78 (2002) 105
Liu, K.-W., see Dong, W.-S.	78 (2002) 215
Lizzit, S., see Lee, A.F.	78 (2002) 379
Llanos, A., see Melo, L.	78 (2002) 57
Lomot, D., see Juszczyk, W.	78 (2002) 95
Long, R.Q. and R.T. Yang, Noble metal (Pt, Rh, Pd) promoted Fe-ZSM-5 for selective catalytic oxidation of ammonia to N ₂ at low temperatures	78 (2002) 353
López Nieto, J.M., see Botella, P.	78 (2002) 383
Lu, Y., Z. Xiong, J. Li and J. Lin, Stepwise conversion of methane over supported metal-boron amorphous alloy catalysts	78 (2002) 231
Lunin, V.V., see Metelkina, O.V.	78 (2002) 111
Luzgin, M.V., see Stepanov, A.G.	78 (2002) 153
Magnoux, P., see Melo, L.	78 (2002) 57

- Mallat, T., see von Arx, M. 78 (2002) 267
- Marcu, I.-C., J.-M.M. Millet and J.-M. Herrmann, Semiconductive and redox properties of Ti and Zr pyrophosphate catalysts (TiP_2O_7 and ZrP_2O_7). Consequences for the oxidative dehydrogenation of *n*-butane 78 (2002) 273
- Martin, A., see Kerler, B. 78 (2002) 259
- Mdleleni, M., see Dlamini, H. 78 (2002) 201
- Mehta, A., see Berhault, G. 78 (2002) 81
- Melo, L., D. Velázquez, A. Llanos, L. García, G. Giannetto, M. Guisnet, P. Magnoux and F. Alvarez, Acetone transformation over PtCu/H[Al]ZSM5 catalysts. Effect of copper content 78 (2002) 57
- Metelkina, O.V., V.V. Lunin, V.A. Sadykov, G.M. Alikina, R.V. Bunina, E.A. Paukshtis, V.B. Fenelonov, A.Y. Derevyankin, V.I. Zaikovskii, U. Schubert and J.R.H. Ross, A sol-gel derived $\text{CuO}_x/\text{Al}_2\text{O}_3\text{-ZrO}_2$ catalyst for the selective reduction of NO by propane in the presence of excess oxygen 78 (2002) 111
- Meyer, A., see Vicente, M.A. 78 (2002) 99
- Millet, J.-M.M., see Marcu, I.-C. 78 (2002) 273
- Mimura, N., I. Takahara, M. Saito, Y. Sasaki and K. Murata, Dehydrogenation of ethylbenzene to styrene in the presence of CO_2 over calcined hydrotalcite-like compounds as catalysts 78 (2002) 125
- Miyazawa, A., see Yamada, M. 78 (2002) 195
- Monti, G.A., see Eimer, G.A. 78 (2002) 65
- Moretti, G., see De Rossi, S. 78 (2002) 119
- Mori, T., see Hayashi, K. 78 (2002) 43
- Mori, T., see Horiuchi, T. 78 (2002) 319
- Motjope, T., see Dlamini, H. 78 (2002) 201
- Mou, C.-Y., see Chen, C.-L. 78 (2002) 223
- Moulijn, J.A., see Doménech, A. 78 (2002) 303
- Muggli, D.S., L. Ding and M.J. Odland, Improved catalyst for photocatalytic oxidation of acetaldehyde above room temperature 78 (2002) 23
- Mul, G., see Doménech, A. 78 (2002) 303
- Murata, K., see Mimura, N. 78 (2002) 125
- Murzin, D.Y., see Kumar, N. 78 (2002) 105
- Nieminen, V., see Kumar, N. 78 (2002) 105
- Nowińska, K., A. Wąclaw, M. Sopa and M. Klak, Heteropoly compounds as precursors of the catalysts for oxydehydrogenation of ethane 78 (2002) 347
- Odland, M.J., see Muggli, D.S. 78 (2002) 23
- Okamoto, M., T. Asano and E. Suzuki, Direct synthesis of phenylchlorogermanes from metallic germanium and chlorobenzene using metal chloride catalysts 78 (2002) 33
- Park, D.-W., S.-D. Choi, S.-Ja. Choi, C.-Y. Lee and G.-J. Kim, Asymmetric epoxidation of styrene on the heterogenized chiral salen complexes prepared from organo-functionalized mesoporous materials 78 (2002) 145
- Park, S.-E., see Dong, W.-S. 78 (2002) 215
- Parker Jr., W.O., see Ingallina, P. 78 (2002) 297
- Parvulescu, V.I., see Giakoumelou, I. 78 (2002) 209
- Paukshtis, E.A., see Metelkina, O.V. 78 (2002) 111
- Pérez-Ramírez, J., see Doménech, A. 78 (2002) 303
- Perzanowski, H.P., see El-Rayyes, A.A. 78 (2002) 161
- Philippopoulos, C.J., see Pouloupoulos, S.G. 78 (2002) 291
- Pielaszek, J., see Juszczak, W. 78 (2002) 95
- Pierella, L.B., see Eimer, G.A. 78 (2002) 65
- Pohl, M.-M., see Kerler, B. 78 (2002) 259
- Pouloupoulos, S.G., H.P. Grigoropoulou and C.J. Philippopoulos, Acetaldehyde yield and reaction products in the catalytic destruction of gaseous ethanol 78 (2002) 291
- Punnoose, A. and M.S. Seehra, ESR observation of W^{5+} and Zr^{3+} states in $\text{Pt}/\text{WO}_x/\text{ZrO}_2$ catalysts 78 (2002) 157
- Querini, C.A., see Finelli, Z.R. 78 (2002) 339
- Rao, B.S., see Anand, R. 78 (2002) 189
- Ribera, A., see Doménech, A. 78 (2002) 303
- Roh, H.-S., see Dong, W.-S. 78 (2002) 215
- Ross, J.R.H., see Metelkina, O.V. 78 (2002) 111
- Sachtler, W.M.H., see Sun, Q. 78 (2002) 1
- Sadykov, V.A., see Metelkina, O.V. 78 (2002) 111
- Saito, M., see Mimura, N. 78 (2002) 125
- Salmi, T., see Kumar, N. 78 (2002) 105

- Sasaki, Y., see Mimura, N. 78 (2002) 125
- Schubert, U., see Metelkina, O.V. 78 (2002) 111
- Seehra, M.S., see Punnoose, A. 78 (2002) 157
- Sheng, S., see Yao, N. 78 (2002) 37
- Sidelnikov, V.N., see Stepanov, A.G. 78 (2002) 153
- Solsona, B., see Botella, P. 78 (2002) 383
- Sopa, M., see Nowińska, K. 78 (2002) 347
- Sreedhar, B., see Choudary, B.M. 78 (2002) 373
- Sreenivasa Chowdari, N., see Choudary, B.M. 78 (2002) 373
- Stepanov, A.G., M.V. Luzgin and V.N. Sidelnikov, Olefin as an intermediate in *n*-butane isomerization on sulfated zirconia. An *in situ* ¹³C MAS NMR study of *n*-octene-1 conversion 78 (2002) 153
- Sugiyama, S., N. Fukuda and H. Hayashi, Effect of tetrachloromethane on redox behaviors of copper(II) oxide in the oxidative dehydrogenation of propane 78 (2002) 139
- Sun, Q., Z.-X. Gao, B. Wen and W.M.H. Sachtler, Spectroscopic evidence for a nitrite intermediate in the catalytic reduction of NO_x with ammonia on Fe/MFI 78 (2002) 1
- Suzuki, E., see Okamoto, M. 78 (2002) 33
- Suzuki, K., see Hayashi, K. 78 (2002) 43
- Suzuki, K., see Horiuchi, T. 78 (2002) 319
- Sykes, E.C.H., M.S. Tikhov and R.M. Lambert, On the switch between selective oxidation and selective hydrogenation of a terminal alkene on well-defined titania surfaces 78 (2002) 7
- Takahara, I., see Mimura, N. 78 (2002) 125
- Tan, K.L., see Zhong, Z.Y. 78 (2002) 325
- Tan, P.L., Y.L. Leung, S.Y. Lai and C.T. Au, Methane aromatization over 2 wt% Mo/HZSM-5 in the presence of O₂ and NO 78 (2002) 251
- Tang, S., see Zhong, Z.Y. 78 (2002) 325
- Taylor, S.H., see Harris, R.H. 78 (2002) 369
- ter Stege, G., see Dlamini, H. 78 (2002) 201
- Tikhov, M.S., see Sykes, E.C.H. 78 (2002) 7
- Tong, J., W. Yang, R. Cai, B. Zhu and L. Lin, Novel and ideal zirconium-based dense membrane reactors for partial oxidation of methane to syngas 78 (2002) 129
- Topsøe, N.-Y., see Anstrom, M. 78 (2002) 281
- Velásquez, D., see Melo, L. 78 (2002) 57
- Vicente, M.A., A. Meyer, E. González, M.A. Bañares-Muñoz, L.M. Gandía and A. Gil, Dehydrogenation of ethylbenzene on alumina–chromia-pillared saponites 78 (2002) 99
- von Arx, M., T. Mallat and A. Baiker, Highly efficient platinum-catalyzed enantioselective hydrogenation of trifluoroacetates in acidic solvents 78 (2002) 267
- Wąclaw, A., see Nowińska, K. 78 (2002) 347
- Wen, B., see Sun, Q. 78 (2002) 1
- Wierzchowski, P.T. and L.W. Zatorski, Catalysts for combustion containing tin and copper overloaded on ZSM-5 zeolite 78 (2002) 171
- Wilson, K., see Lee, A.F. 78 (2002) 379
- Xiong, G., see Yao, N. 78 (2002) 37
- Xiong, Z., see Lu, Y. 78 (2002) 231
- Xu, N., see Chen, C.-L. 78 (2002) 223
- Yamada, M., N. Koizumi, A. Miyazawa and T. Furukawa, Novel catalytic properties of Rh sulfide for the synthesis of methanol from CO + H₂ in the presence of H₂S 78 (2002) 195
- Yang, R.T., see Long, R.Q. 78 (2002) 353
- Yang, W., see Tong, J. 78 (2002) 129
- Yang, W., see Yao, N. 78 (2002) 37
- Yao, N., G. Xiong, S. Sheng, M. He, W. Yang and X. Bao, Ultrasound as a tool to synthesize nano-sized silica–alumina catalysts with controlled mesoporous distribution by a novel sol–gel process 78 (2002) 37
- Yoon, J.-H., see Chung, H.-H. 78 (2002) 77
- Zaikovskii, V.I., see Metelkina, O.V. 78 (2002) 111
- Zatorski, L.W., see Wierzchowski, P.T. 78 (2002) 171
- Zdražil, M., see Kaluža, L. 78 (2002) 313
- Zhong, Z.Y., H.Y. Chen, S. Tang, J. Lin and K.L. Tan, Miniaturizing catalytic reaction on patterned catalyst islands 78 (2002) 325
- Zhu, B., see Tong, J. 78 (2002) 129