

Author Index

Aguirre, J.M., see Pizzio, L.R.	93 (2004) 67
Alesso, E.N., see Pizzio, L.R.	93 (2004) 67
Awano, M., see Hasan Zahir, Md.	93 (2004) 145
Bao, X., see Chen, Y.	93 (2004) 41
Bjorgen, M., U. Olsbye, S. Svelle, and S. Kolboe, Conversion of methanol to hydrocarbons: the reactions of the heptamethylbenzenium cation over zeolite H-beta	93 (2004) 37
Blanco, M.N., see Pizzio, L.R.	93 (2004) 67
Cao, P., see Yan, J.	93 (2004) 55
Cáceres, C.V., see Pizzio, L.R.	93 (2004) 67
Chand, S., see Maurya, M.R.	93 (2004) 121
Chen, C.-M. and J.-M. Jehng, Structure control of metal aluminum phosphate (MeAlPO-5) molecular sieves and applications in polyethylene glycol amination	93 (2004) 213
Chen, Y., J. Zhuang, X. Liu, J. Gao, X. Han, X. Bao, N. Zhou, S. Gao, and Z. Xi, On the nature of reaction-controlled phase transfer catalysts for epoxidation of olefin: a ^{31}P NMR investigation	93 (2004) 41
Chuang, K.T., see Xie, J.	93 (2004) 181
Chun, W., see Graham, G.W.	93 (2004) 129
Dalai, A.K., see Das, D.	93 (2004) 185
Das, D., H.K. Mishra, A.K. Dalai, and K.M. Parida, Iron, and Manganese doped $\text{SO}_4^{2-}/\text{ZrO}_2\text{-TiO}_2$ mixed oxide catalysts: studies on acidity and benzene isopropylation activity	93 (2004) 185
Date, S.K., see Mathew, T.	93 (2004) 155
Davies, T. and S.H. Taylor, The oxidative dehydrogenation of propane using gallium–molybdenum based catalysts	93 (2004) 151
Davis, R.J., see Siporin, S.E.	93 (2004) 61
Dumesic, J.A., see Kandoi, S.	93 (2004) 93
Enke, D., see Gille, W.	93 (2004) 13
Erlich, M.I., see Pizzio, L.R.	93 (2004) 67
Fang, K., W. Wei, J. Ren, and Y. Sun, <i>n</i> -Dodecane hydroconversion over Ni/AlMCM-41 catalysts	93 (2004) 235
Fei, J., see Zhang, Y.	93 (2004) 231
Finkelsztain, L., see Pizzio, L.R.	93 (2004) 67
Gao, J., see Chen, Y.	93 (2004) 41
Gao, S., see Chen, Y.	93 (2004) 41
Gille, W., D. Enke, F. Janowski, and T. Hahn, Platinum dispersion analysis depending on the pore geometry of the support	93 (2004) 13
Gland, J.L., see Marsh, A.L.	93 (2004) 165
Gokhale, A.A., see Kandoi, S.	93 (2004) 93
Grabow, L.C., see Kandoi, S.	93 (2004) 93
Graham, G.W., H.-W. Jen, J.R. Theis, and R.W. McCabe, Leaching of Ba^{2+} in NO_x traps	93 (2004) 3
Graham, G.W., H.-W. Jen, W. Chun, H.P. Sun, X.Q. Pan, and R.W. McCabe, Coarsening of Pt particles in a model NO_x trap	93 (2004) 129
Hahn, T., see Gille, W.	93 (2004) 13
Han, S.Y., see Roh, H.-S.	93 (2004) 203
Han, X., see Chen, Y.	93 (2004) 41
Hasan Zahir, Md., S. Katayama, and M. Awano, Hydrothermal synthesis of $\text{ZnO-Ga}_2\text{O}_3\text{-Al}_2\text{O}_3$ spinel for NO reduction by hydrocarbon under oxygen-rich conditions	93 (2004) 145
He, M., see Zhai, S.	93 (2004) 225
Ichikuni, N., H. Murayama, S. Shimazu, and T. Uematsu, Activation of bulk MoO_3 catalysts by spray reaction method for propene photometathesis reaction	93 (2004) 177
Inaba, M., see Liu, Y.	93 (2004) 109
Janowski, F., see Gille, W.	93 (2004) 13
Jehng, J.-M., see Chen, C.-M.	93 (2004) 213
Jen, H.-W., see Graham, G.W.	93 (2004) 3
Jen, H.-W., see Graham, G.W.	93 (2004) 129

- Jun, K.-W., see Roh, H.-S. 93 (2004) 203
- Kandoi, S., A.A. Gokhale, L.C. Grabow, J.A. Dumesic, and M. Mavrikakis, Why Au and Cu are more selective than Pt for preferential oxidation of CO at low temperature 93 (2004) 93
- Kapteijn, F., see Mul, G. 93 (2004) 113
- Katayama, S., see Hasan Zahir, Md. 93 (2004) 145
- Kim, J.-W., see Roh, H.-S. 93 (2004) 203
- Kolboe, S., see Bjørgen, M. 93 (2004) 37
- Kovács, Z., see Sarkadi-Pribóczy, É. 93 (2004) 101
- Kowalczyk, Z., see Siporin, S.E. 93 (2004) 61
- Kulkarni, S.D., see Mathew, T. 93 (2004) 155
- Kumar, A., see Maurya, M.R. 93 (2004) 121
- Kumar, N., see Sarkadi-Pribóczy, É. 93 (2004) 101
- Lantaño, B., see Pizzio, L.R. 93 (2004) 67
- Li, P., see Yan, J. 93 (2004) 55
- Li, W.-Y., see Ren, J. 93 (2004) 31
- Lin, R., M.-F. Luo, Q. Xin, and G.-Q. Sun, The mechanism studies of ethanol oxidation on PdO catalysts by TPSR techniques 93 (2004) 139
- Liu, X., see Chen, Y. 93 (2004) 41
- Liu, Y., K. Murata, and M. Inaba, "Oxidation of propylene to propylene oxide with molecular oxygen" by Pd(OAc)₂/Ti—Al-HMS/CH₃OH catalyst system 93 (2004) 109
- Louis, B., S. Walspurger, and J. Sommer, Quantitative determination of Brønsted acid sites on zeolites: a new approach towards the chemical composition of zeolites 93 (2004) 81
- Luo, M.-F., see Lin, R. 93 (2004) 139
- Ma, J., see Yan, J. 93 (2004) 55
- Ma, Q., see Shen, J.G.C. 93 (2004) 19
- Marsh, A.L. and J.L. Gland, Effect of coadsorbed water on deep oxidation mechanisms: temperature-programmed reactions of benzene and hydroxyl on the pt(1 1 1) surface 93 (2004) 165
- Masukawa, S., see Nanba, T. 93 (2004) 195
- Mathew, T., S. Shylesh, S.N. Reddy, C.P. Sebastian, S.K. Date, B.S. Rao, and S.D. Kulkarni, Redistribution of cations amongst different lattice sites in Cu_{1-x}Co_xFe₂O₄ ferrosinels during alkylation: magnetic study 93 (2004) 155
- Maurya, M.R., H. Saklani, A. Kumar, and S. Chand, Dioxovanadium(V) complexes of dibasic tridentate ligands encapsulated in zeolite-Y for the liquid phase catalytic hydroxylation of phenol using H₂O₂ as oxidant 93 (2004) 121
- Mavrikakis, M., see Kandoi, S. 93 (2004) 93
- McCabe, R.W., see Graham, G.W. 93 (2004) 3
- McCabe, R.W., see Graham, G.W. 93 (2004) 129
- Mishra, H.K., see Das, D. 93 (2004) 185
- Mohapatra, S.K. and P. Selvam, Synthesis, characterization and catalytic properties of vanadium substituted hexagonal mesoporous aluminophosphate molecular sieves 93 (2004) 47
- Moltrasio, G.Y., see Pizzio, L.R. 93 (2004) 67
- Moulijn, J.A., see Mul, G. 93 (2004) 113
- Mul, G., M.W. Zandbergen, F. Kapteijn, J.A. Moulijn, and J. Pérez-Ramrez, N₂O decomposition over liquid ion-exchanged Fe-BEA catalysts: correlation between activity and the IR intensity of adsorbed NO at 1874 cm⁻¹ 93 (2004) 113
- Murata, K., see Liu, Y. 93 (2004) 109
- Murayama, H., see Ichikuni, N. 93 (2004) 177
- Murzin, D.Yu., see Sarkadi-Pribóczy, É. 93 (2004) 101
- Murzin, D.Yu., see Toukoniitty, E. 93 (2004) 171
- Nanba, T., S. Masukawa, J. Uchisawa, and A. Obuchi, Screening of catalysts for acrylonitrile decomposition 93 (2004) 195
- Obuchi, A., see Nanba, T. 93 (2004) 195
- Olah, G.A., Perspective: After oil and gas: methanol economy 93 (2004) 1
- Olsbye, U., see Bjørgen, M. 93 (2004) 37
- Pan, X.Q., see Graham, G.W. 93 (2004) 129
- Parida, K.M., see Das, D. 93 (2004) 185
- Pérez-Ramírez, J., see Mul, G. 93 (2004) 113
- Pirngruber, G.D. and P.K. Roy, The mechanism of N₂O decomposition on Fe-ZSM-5: an isotope labeling study 93 (2004) 75
- Pizzio, L.R., P.G. Vázquez, C.V. Cáceres, M.N. Blanco, E.N. Alesso, M.I. Erlich, R. Torviso, L. Finkielstein, B. Lantaño, G.Y. Moltrasio, and J.M. Aguirre, Influence of the alcohol molecular size in the dehydration reaction catalyzed by carbon-supported heteropolyacids 93 (2004) 67
- Potdar, H.S., see Roh, H.-S. 93 (2004) 203
- Rao, B.S., see Mathew, T. 93 (2004) 155

- Raróg-Pilecka, W., see Siporin, S.E. 93 (2004) 61
- Reddy, S.N., see Mathew, T. 93 (2004) 155
- Ren, J., see Fang, K. 93 (2004) 235
- Ren, J., W.-Y. Li, and K.-C. Xie, Oxidative dehydrogenation of ethylbenzene with carbon dioxide over metal-doped titanium oxides 93 (2004) 31
- Roberts, M.W., The formation of N₂O during the chemisorptions of nitric oxide at platinum surfaces at low temperature: a comment on the mechanism 93 (2004) 29
- Roh, H.-S., H.S. Potdar, K.-W. Jun, S.Y. Han, and J.-W. Kim, Low temperature selective CO oxidation in excess of H₂ over Pt/Ce—ZrO₂ catalysts 93 (2004) 203
- Roy, P.K., see Pirngruber, G.D. 93 (2004) 75
- Saklani, H., see Maurya, M.R. 93 (2004) 121
- Salmi, T., see Sarkadi-Pribóczy, É. 93 (2004) 101
- Sarkadi-Pribóczy, É., N. Kumar, T. Salmi, Z. Kovács, and D.Y. Murzin, A novel radioisotope method for studying catalytic transformations over alumina, H-ZSM-5 and H-beta zeolite catalysts: investigation of conversion of ¹¹C-labeled methanol to ¹¹C-labeled dimethyl ether and hydrocarbons 93 (2004) 101
- Sebastian, C.P., see Mathew, T. 93 (2004) 155
- Selvam, P., see Mohapatra, S.K. 93 (2004) 47
- Shan, Y., see Zhai, S. 93 (2004) 225
- Shen, J.G.C. and Q. Ma, Y-faujasite encapsulated Co clusters: synthesis, characterization and theoretical model as probe of the methane homologation 93 (2004) 19
- Shi, X., see Zhai, S. 93 (2004) 225
- Shimazu, S., see Ichikuni, N. 93 (2004) 177
- Shylesh, S., see Mathew, T. 93 (2004) 155
- Siporin, S.E., R.J. Davis, W. Raróg-Pilecka, D. Szmigiel, and Z. Kowalczyk, Isotopic transient analysis of ammonia synthesis over Ba or Cs-promoted Ru/carbon catalysts 93 (2004) 61
- Solymosi, F. and P. Tolmásov, Conversion of ethane into benzene on Re/ZSM-5 93 (2004) 7
- Sommer, J., see Louis, B. 93 (2004) 81
- Sun, G.-Q., see Lin, R. 93 (2004) 139
- Sun, H.P., see Graham, G.W. 93 (2004) 129
- Sun, Y., see Fang, K. 93 (2004) 235
- Sun, Y., see Zhai, S. 93 (2004) 225
- Svelle, S., see Bjørgen, M. 93 (2004) 37
- Szmigiel, D., see Siporin, S.E. 93 (2004) 61
- Taylor, S.H., see Davies, T. 93 (2004) 151
- Theis, J.R., see Graham, G.W. 93 (2004) 3
- Tolmásov, P., see Solymosi, F. 93 (2004) 7
- Torviso, R., see Pizzio, L.R. 93 (2004) 67
- Toukoniitty, E. and D. Yu. Murzin, Effect of cinchonidine and dissolved oxygen in continuous enantioselective hydrogenation of ethyl pyruvate 93 (2004) 171
- Trzeciak, A.M., see Wrzyszczy, J. 93 (2004) 85
- Tylus, W., see Wrzyszczy, J. 93 (2004) 85
- Uchisawa, J., see Nanba, T. 93 (2004) 195
- Uematsu, T., see Ichikuni, N. 93 (2004) 177
- Vázquez, P.G., see Pizzio, L.R. 93 (2004) 67
- Walspurger, S., see Louis, B. 93 (2004) 81
- Wang, J. and H.-O. Zhu, Alkylation of 1-dodecene with benzene over H₃PW₁₂O₄₀ supported on mesoporous silica SBA-15 93 (2004) 209
- Wei, W., see Fang, K. 93 (2004) 235
- Wrzyszczy, J., M. Zawadzki, A.M. Trzeciak, W. Tylus, and J.J. Ziółkowski, Catalytic activity of rhodium complexes supported on Al₂O₃—ZrO₂ in isomerization and hydroformylation of 1-hexene 93 (2004) 85
- Wu, D., see Zhai, S. 93 (2004) 225
- Xi, Z., see Chen, Y. 93 (2004) 41
- Xie, J., Q. Zhang, and K.T. Chuang, A study of hydrophobic Pd/SDB catalyst for ethylene partial oxidation to acetic acid 93 (2004) 181
- Xie, K.-C., see Ren, J. 93 (2004) 31
- Xin, Q., see Lin, R. 93 (2004) 139
- Yan, J., J. Ma, P. Cao, and P. Li, Preferential oxidation of CO in H₂-rich gases over Co-promoted Pt-γ-Al₂O₃ catalyst 93 (2004) 55
- Yu, Y., see Zhang, Y. 93 (2004) 231
- Zandbergen, M.W., see Mul, G. 93 (2004) 113
- Zawadzki, M., see Wrzyszczy, J. 93 (2004) 85

- Zhai, S., Y. Zhang, X. Shi, D. Wu, Y. Sun, Y. Shan, and M. He, Preparation and catalytic performance of mesostructured aluminosilicate nano-particles with wormhole-like framework structure 93 (2004) 225
- Zhang, Q., see Xie, J. 93 (2004) 181
- Zhang, Y., J. Fei, Y. Yu, and X. Zheng, The preparation and catalytic performance of novel amine-modified silica supported ruthenium complexes for supercritical carbon dioxide hydrogenation to formic acid 93 (2004) 231
- Zhang, Y., see Zhai, S. 93 (2004) 225
- Zhdanov, V.P., Kinetic oscillations on nm-sized catalyst particles: NO reduction by CO on Pt 93 (2004) 135
- Zheng, X., see Zhang, Y. 93 (2004) 231
- Zhou, N., see Chen, Y. 93 (2004) 41
- Zhu, H.-O., see Wang, J. 93 (2004) 209
- Zhuang, J., see Chen, Y. 93 (2004) 41
- Ziółkowski, J.J., see Wrzyszczy, J. 93 (2004) 85