

Author index

- Abreu, F.R., Alves, M.B., Macêdo, C.C.S., Zara, L.F. and Suarez, P.A.Z.
 New multi-phase catalytic systems based on tin compounds active for vegetable oil transesterification reaction (227) 263
- Afonso, C.A.M., see Gois, P.P.M. (227) 17
- Agboola, B., Ozoemena, K.I. and Nyokong, T.
 Hydrogen peroxide oxidation of 2-chlorophenol and 2,4,5-trichlorophenol catalyzed by monomeric and aggregated cobalt tetrasulfophthalocyanine (227) 209
- Albornoz, A., see Diaz, Y. (227) 7
- Alper, H., see Touzani, R. (227) 197
- Alves, M.B., see Abreu, F.R. (227) 263
- Angueira, E.J. and White, M.G.
 Arene carbonylation in acidic, chloroaluminate ionic liquids (227) 51
- Anthony, C.R. and McElwee-White, L.
 Selective electrochemical oxidation of methanol to dimethoxymethane using Ru/Sn catalysts (227) 113
- Arai, M., see Chaki, T. (227) 187
- Aresta, M., see Giannoccaro, P. (227) 133
- Astruc, D., see Méry, D. (227) 1
- Banciu, M., see Malacea, R. (227) 125
- Besson, M., see Malacea, R. (227) 125
- Bhargava, S.K., see Choudhary, V.R. (227) 217
- Brito, J.L., see Diaz, Y. (227) 7
- Cai, M., Liu, G. and Zhou, J.
 Synthesis of silica-supported poly- ω -(methylseleno)undecylsiloxane palladium(0) complex and its catalytic properties for Heck arylation of alkenes (227) 107
- Campos-Martin, J.M., see Toribio, P.P. (227) 101
- Candeias, N.R., see Gois, P.P.M. (227) 17
- Chaki, T., Arai, M., Ebina, T. and Shimokawabe, M.
 Catalytic reduction of N_2O by various hydrocarbons over Fe-ZSM-5: nature and reactivity of carbonaceous deposits (227) 187
- Chaudhari, N.K., see Choudhary, V.R. (227) 217
- Chen, W., see Huang, J. (227) 147
- Chen, Y., see Yang, H. (227) 279
- Cheng, B., see Yu, J. (227) 75
- Choudhary, V.R., Patil, N.S., Chaudhari, N.K. and Bhargava, S.K.
 Epoxidation of styrene by anhydrous hydrogen peroxide over boehmite and alumina catalysts with continuous removal of the reaction water (227) 217
- Córdoba, J., see Machín, I. (227) 223
- Duca, D.
 Hydro-dimerization of $Pt_2Cl_2(C_2H_4)_2$: model reaction to capture details on catalytic mechanisms (227) 173
- de Jesús, J.C., see Machín, I. (227) 223
- Deng, G.-J., see Huang, Y.-Y. (227) 91
- Diaz, Y., Melo, L., Mediavilla, M., Albornoz, A. and Brito, J.L.
 Characterization of bifunctional Pt/H[Ga]ZSM5 and Pt/H[Al]ZSM5 catalysts. II. Evidences of a Pt-Ga interaction (227) 7
- Ebina, T., see Chaki, T.
- Fan, Q.-H., see Huang, Y.-Y. (227) 91
- Fan, Y., see Yang, H. (227) 279
- Fanizzi, A., see Giannoccaro, P. (227) 133
- Ferragina, C., see Giannoccaro, P. (227) 133
- Ferraris, G., see Valigi, M. (227) 59
- Fierro, J.L.G., see Toribio, P.P. (227) 101
- Firouzabadi, H., Iranpoor, N. and Jafari, A.A.
 Facile preparation of symmetrical and unsymmetrical ethers from their corresponding alcohols catalyzed by aluminumdodecatangstophosphate ($AlPW_{12}O_{40}$), as a versatile and a highly water tolerant Lewis acid (227) 97
- Gargano, M., see Giannoccaro, P. (227) 133
- Gazzoli, D., see Valigi, M. (227) 59
- Giannoccaro, P., Gargano, M., Fanizzi, A., Ferragina, C., Leoci, A. and Aresta, M.
 Hydrodechlorination of polychlorobenzenes and polychlorinated aliphatic compounds under mild conditions by Pd and Rh ions or their complexes intercalated in γ -zirconium phosphate (227) 133
- Gilheany, D.G., see Kerrigan, N.J. (227) 163
- Gois, P.P.M., Candeias, N.R. and Afonso, C.A.M.
 Preparation of enantioselective enriched α -(dialkoxyphosphoryl)lactams via intramolecular C–H insertion with chiral dirhodium(II) catalysts (227) 17
- Gonçalves, I.S., see Petrovski, Ž. (227) 67
- Gondal, M.A., see Hameed, A. (227) 241
- Grassian, V.H., see Li, G. (227) 25
- Hameed, A., Gondal, M.A., Yamani, Z.H. and Yahya, A.H.
 Significance of pH measurements in photocatalytic splitting of water using 355nm UV laser (227) 241
- Hashimoto, T., see Sugiyama, S. (227) 255
- Hayashi, H., see Sugiyama, S. (227) 255
- Hazell, A., see Petrovski, Ž. (227) 67
- He, F., see Zhang, Z. (227) 141
- He, Y.-M., see Huang, Y.-Y. (227) 91
- Higuerey, I., see Machín, I. (227) 223
- Huang, J., Zhang, Y., Yang, X., Chen, W. and Qian, Y.
 Propylene polymerization of *ansa*-complexes $(R^XPh)_2C(Cp)(Flu)MCl_2$ ($M=Zr$ or Hf) with halogen substituents on phenyl groups (227) 147
- Huang, Y.-Y., Zhang, H.-L., Deng, G.-J., Tang, W.-J., Wang, X.-Y., He, Y.-M. and Fan, Q.-H.
 Synthesis of triphenylphosphine-functionalized dendrimers and application to olefin hydroformylation (227) 91
- Iranpoor, N., see Firouzabadi, H. (227) 97
- Jafari, A.A., see Firouzabadi, H. (227) 97
- Jain, S.L., see Sharma, V.B. (227) 47
- Kerrigan, N.J., Müller-Bunz, H. and Gilheany, D.G.
 Salen ligands derived from *trans*-1,2-dimethyl-1,2-cyclohexanediamine: preparation and application in oxo-chromium salen mediated asymmetric epoxidation of alkenes (227) 163
- Kobayashi, T., see Reddy, B.M. (227) 81

- Kozlov, Y.N., Nizova, G.V. and Shul'pin, G.B.
Oxidations by the reagent "O₂-H₂O₂-vanadium derivative-pyrazine-2-carboxylic acid". Part 14. Competitive oxidation of alkanes and acetonitrile (solvent) (227) 247
- Larsen, S.C., see Li, G. (227) 25
- Leoci, A., see Giannoccaro, P. (227) 133
- Li, G., Larsen, S.C. and Grassian, V.H.
Catalytic reduction of NO₂ in nanocrystalline NaY zeolite (227) 25
- Li, W.-H., see Ma, Z.-Y. (227) 119
- Liu, G., see Cai, M. (227) 107
- Luo, H.-K. and Schumann, H.
New bi-nuclear and multi-nuclear α -diimine/nickel catalysts for ethylene polymerization (227) 153
- Ma, X., see Zhang, Z. (227) 141
- Ma, Z.-Y., Yang, C., Wei, W., Li, W.-H. and Sun, Y.-H.
Surface properties and CO adsorption on zirconia polymorphs (227) 119
- Macêdo, C.C.S., see Abreu, F.R. (227) 263
- Machín, I., de Jesús, J.C., Rivas, G., Higuerey, I., Córdova, J., Pereira, P., Ruette, F. and Sierraalta, A.
Theoretical study of catalytic steam cracking on a asphaltene model molecule (227) 223
- Malacea, R., Banciu, M., Pop, M., Besson, M. and Pinel, C.
Diastereoselective hydrogenation of a cyclic β -ketoformyl derivative on supported metal catalysts (227) 125
- Manikandan, P., see Raj, N.K.K. (227) 37
- McElwee-White, L., see Anthony, C.R. (227) 113
- Mediavilla, M., see Diaz, Y. (227) 7
- Mei, L.
The cyanosilylation of prochiral aldehydes catalyzed by lanthanide complexes (227) 183
- Melo, L., see Diaz, Y. (227) 7
- Müller-Bunz, H., see Kerrigan, N.J. (227) 163
- Méry, D. and Astruc, D.
Synthesis of monomeric and dendritic ruthenium benzylidene *cis*-bis-tertiobutyl phosphine complexes that catalyze the ROMP of norbornene under ambient conditions (227) 1
- Nagashima, O., Sato, S., Takahashi, R. and Sodesawa, T.
Ketonization of carboxylic acids over CeO₂-based composite oxides (227) 231
- Nizova, G.V., see Kozlov, Y.N. (227) 247
- Nyokong, T., see Agboola, B. (227) 209
- Ozoemena, K.I., see Agboola, B. (227) 209
- Pandurangan, A., see Vetrivel, S. (227) 269
- Patil, N.S., see Choudhary, V.R. (227) 217
- Pereira, P., see Machín, I. (227) 223
- Petrovski, Ž., Pillinger, M., Valente, A.A., Gonçalves, I.S., Hazell, A. and Romão, C.C.
Preparation and catalytic studies of bis(halogeno)dioxomolybdenum(VI)-diimine complexes (227) 67
- Pillinger, M., see Petrovski, Ž. (227) 67
- Pinel, C., see Malacea, R. (227) 125
- Pop, M., see Malacea, R. (227) 125
- Qian, Y., see Huang, J. (227) 147
- Raj, N.K.K., Ramaswamy, A.V. and Manikandan, P.
Oxidation of norbornene over vanadium-substituted phosphomolybdc acid catalysts and spectroscopic investigations (227) 37
- Ramaswamy, A.V., see Raj, N.K.K. (227) 37
- Reddy, B.M., Sreekanth, P.M., Yamada, Y. and Kobayashi, T.
Surface characterization and catalytic activity of sulfate-, molybdate- and tungstate-promoted Al₂O₃-ZrO₂ solid acid catalysts (227) 81
- Rivas, G., see Machín, I. (227) 223
- Romão, C.C., see Petrovski, Ž. (227) 67
- Rossi, S.D., see Valigi, M. (227) 59
- Ruette, F., see Machín, I. (227) 223
- Sain, B., see Sharma, V.B. (227) 47
- Sato, S., see Nagashima, O. (227) 231
- Schumann, H., see Luo, H.-K. (227) 153
- Sharma, V.B., Jain, S.L. and Sain, B.
An efficient cobalt (II) catalyzed oxidation of secondary alcohols to carbonyl compounds with *N*-bromosuccinimide (227) 47
- Shigemoto, N., see Sugiyama, S. (227) 255
- Shimokawabe, M., see Chaki, T. (227) 187
- Shul'pin, G.B., see Kozlov, Y.N. (227) 247
- Sierraalta, A., see Machín, I. (227) 223
- Sodesawa, T., see Nagashima, O. (227) 231
- Spinicci, R., see Valigi, M. (227) 59
- Sreekanth, P.M., see Reddy, B.M. (227) 81
- Suarez, P.A.Z., see Abreu, F.R. (227) 263
- Sugiyama, S., Hashimoto, T., Tanabe, Y., Shigemoto, N. and Hayashi, H.
Effects of the enhancement of the abstraction of lattice oxygen from magnesium vanadates incorporated with copper(II) cations on the oxidative dehydrogenation of propane (227) 255
- Sun, Y.-H., see Ma, Z.-Y. (227) 119
- Takahashi, R., see Nagashima, O. (227) 231
- Tanabe, Y., see Sugiyama, S. (227) 255
- Tang, W.-J., see Huang, Y.-Y. (227) 91
- Toribio, P.P., Campos-Martin, J.M. and Fierro, J.L.G.
Liquid-phase ethylbenzene oxidation to hydroperoxide with barium catalysts (227) 101
- Touzani, R. and Alper, H.
PAMAM dendrimer-palladium complex catalyzed synthesis of five-, six- or seven membered ring lactones and lactams by cyclocarbonylation methodology (227) 197
- Valente, A.A., see Petrovski, Ž. (227) 67
- Valigi, M., Gazzoli, D., Ferraris, G., Rossi, S.D. and Spinicci, R.
Surface and structural properties of zirconia-supported vanadium oxide. Influence of the preparation pH (227) 59
- Vetrivel, S. and Pandurangan, A.
Co and Mn impregnated MCM-41: their applications to vapour phase oxidation of isopropylbenzene (227) 269
- Wang, S., see Zhang, Z. (227) 141
- Wang, X.-Y., see Huang, Y.-Y. (227) 91
- Wei, W., see Ma, Z.-Y. (227) 119
- White, M.G., see Angueira, E.J. (227) 51
- Wu, J., see Yang, H. (227) 279
- Yahya, A.H., see Hameed, A. (227) 241
- Yamada, Y., see Reddy, B.M. (227) 81
- Yamani, Z.H., see Hameed, A. (227) 241
- Yang, C., see Ma, Z.-Y. (227) 119
- Yang, H., Fan, Y., Wu, J. and Chen, Y.
Structure and properties of BiCeVMoO mixed metal oxides catalysts for selective oxidation of propane (227) 279
- Yang, X., see Huang, J. (227) 147
- Yu, H., see Yu, J. (227) 75
- Yu, J., Zhou, M., Cheng, B., Yu, H. and Zhao, X.
Ultrasonic preparation of mesoporous titanium dioxide nanocrystalline photocatalysts and evaluation of photocatalytic activity (227) 75
- Zara, L.F., see Abreu, F.R. (227) 263
- Zhang, H.-L., see Huang, Y.-Y. (227) 91
- Zhang, J., see Zhang, Z. (227) 141
- Zhang, Y., see Huang, J. (227) 147

Zhang, Z., Ma, X., Zhang, J., He, F. and Wang, S.

Effect of crystal structure of copper species on the rate and selectivity in
oxidative carbonylation of ethanol for diethyl carbonate synthesis (227)
141

Zhao, X., see Yu, J. (227) 75

Zhou, J., see Cai, M. (227) 107
Zhou, M., see Yu, J. (227) 75