

## Author index

- Aguirre, G., see Flores-López, C.Z. (215) 73  
Andreeva, D., see Leite, L. (215) 95  
Angeles Larrubia, M., see Ramis, G. (215) 161  
Anisia, K.S., Mishra, G.S. and Kumar, A.  
    Reforming of *n*-hexane in presence of [1,2-bis(salicylidene amino)-phenylene]-zirconium complex chemically bound on modified silica gel support (215) 121  
Araña, J., Doña-Rodríguez, J.M., González-Díaz, O., Tello Rendón, E., Herrera Melián, J.A., Colón, G., Navío, J.A. and Pérez Peña, J.  
    Gas-phase ethanol photocatalytic degradation study with TiO<sub>2</sub> doped with Fe, Pd and Cu (215) 153  
Araújo, N.C.P., Brigas, A.F., Cristiano, M.L.S., Frija, L.M.T., Guimarães, E.M.O. and Loureiro, R.M.S.  
    Heteroaromatic benzyl ethers as intermediates for palladium-catalysed transfer hydrogenolysis of benzyl alcohols (215) 113  
Balland, V., Mathieu, D., Pons-Y-Moll, N., Bartoli, J.F., Banse, F., Battioni, P., Girerd, J.-J. and Mansuy, D.  
    Non-heme iron polyazadentate complexes as catalysts for oxidations by H<sub>2</sub>O<sub>2</sub>: particular efficiency in aromatic hydroxylations and beneficial effects of a reducing agent (215) 81  
Banse, F., see Balland, V. (215) 81  
Bartoli, J.F., see Balland, V. (215) 81  
Battioni, P., see Balland, V. (215) 81  
Bhaumik, A., see Samanta, S. (215) 169  
Binkowski, C., Cabou, J., Bricout, H., Hapiot, F. and Monflier, E.  
    Cleavage of water-insoluble alkylallylcarbonates catalysed by a palladium/TPPTS/cyclodextrin system: effect of phosphine/cyclodextrin interactions on the reaction rate (215) 23  
Bor, G., see Tannenbaum, R. (215) 33  
Bricout, H., see Binkowski, C. (215) 23  
Brigas, A.F., see Araújo, N.C.P. (215) 113  
Broclawik, E., see Góra, A. (215) 187  
Cabou, J., see Binkowski, C. (215) 23  
Cavinato, G., see Vavasori, A. (215) 63  
Çetinkaya, B., see Özdemir, I. (215) 45  
Chakraborty, A., see Ghosh, R. (215) 49  
Choudhary, V.R., Dumbre, D.K., Uphade, B.S. and Narkhede, V.S.  
    Solvent-free oxidation of benzyl alcohol to benzaldehyde by *tert*-butyl hydroperoxide using transition metal containing layered double hydroxides and/or mixed hydroxides (215) 129  
Clark, J.H., see Paul, S. (215) 107  
Colón, G., see Araña, J. (215) 153  
Cristiano, L.M.S., see Araújo, N.C.P. (215) 113  
Cui, X.P., see Wang, Y.M. (215) 137  
Demir, S., see Özdemir, I. (215) 45  
Deng, Y., see Liu, C. (215) 195  
Doña-Rodríguez, J.M., see Araña, J. (215) 153  
Dumbre, D.K., see Choudhary, V.R. (215) 129  
Ebihara, T., see Komiyama, M. (215) 143  
Edolfa, K., see Leite, L. (215) 95  
Eskandari, M.M., see Sharghi, H. (215) 55  
Flores-López, C.Z., Flores-López, L.Z., Aguirre, G., Hellberg, L.H., Parra-Hake, M. and Somanathan, R.  
    Ruthenium(II)-assisted asymmetric hydrogen transfer reduction of acetophenone using chiral tridentate phosphorus-containing ligands derived from (1*R*, 2*R*)-1,2-diaminocyclohexane (215) 73  
Flores-López, L.Z., see Flores-López, C.Z. (215) 73  
Frija, L.M.T., see Araújo, N.C.P. (215) 113  
Fujikawa, T., see Komiyama, M. (215) 143  
Gai, X.Z., see Wang, Y.M. (215) 137  
Gao, X., see Liu, C. (215) 195  
Ghavami, R., see Sharghi, H. (215) 55  
Ghosh, R., Maiti, S., Chakraborty, A. and Halder, R.  
    Indium triflate: a reusable catalyst for expeditious chemoselective conversion of aldehydes to acylals (215) 49  
Girerd, J.-J., see Balland, V. (215) 81  
González-Díaz, O., see Araña, J. (215) 153  
Góra, A. and Broclawik, E.  
    Theoretical estimation of acid–base properties of Lewis and Brønsted centres at the V-W-O catalyst surface: water molecule as the probe in DFT calculations (215) 187  
Gu, F., see Wang, Y.M. (215) 137  
Gu, Y., see Liu, C. (215) 195  
Guimarães, E.M.O., see Araújo, N.C.P. (215) 113  
Halder, R., see Ghosh, R. (215) 49  
Hapiot, F., see Binkowski, C. (215) 23  
Hellberg, L.H., see Flores-López, C.Z. (215) 73  
Herrera Melián, J.A., see Araña, J. (215) 153  
Horváth, T., Kaizer, J. and Speier, G.  
    Functional phenoxazinone synthase models. Kinetic studies on the copper-catalyzed oxygenation of 2-aminophenol (215) 9  
Hu, A., see Ngo, H.L. (215) 177  
Ilieva, L., see Leite, L. (215) 95  
Ionescu, S., see Leite, L. (215) 95  
Jasra, R.V., see Sheemol, V.N. (215) 201  
Kaizer, J., see Horváth, T. (215) 9  
Kiyohara, K., see Komiyama, M. (215) 143  
Komiyama, M., Kiyohara, K., Li, Y., Fujikawa, T., Ebihara, T., Kubota, T. and Okamoto, Y.  
    Crater structures on a molybdenite basal plane observed by ultra-high vacuum scanning tunneling microscopy and its implication to hydro-treating (215) 143  
Kubota, T., see Komiyama, M. (215) 143  
Kumar, A., see Anisia, K.S. (215) 121  
Kumar, P., see Samanta, S. (215) 169  
Leite, L., Stonkus, V., Edolfa, K., Ilieva, L., Andreeva, D., Plyasova, L., Sobczak, J.W., Ionescu, S. and Munteanu, G.  
    Active phases of supported cobalt catalysts for 2,3-dihydrofuran synthesis (215) 95

- Li, Y., see Komiyama, M. (215) 143
- Lin, W., see Ngo, H.L. (215) 177
- Liu, C., Deng, Y., Pan, Y., Gu, Y., Qiao, B. and Gao, X.  
Effect of ZSM-5 on the aromatization performance in cracking catalyst (215) 195
- Liu, S.W., see Wang, Y.M. (215) 137
- Loureiro, R.M.S., see Araújo, N.C.P. (215) 113
- Lü, M.K., see Wang, Y.M. (215) 137
- Maiti, S., see Ghosh, R. (215) 49
- Mal, N.K., see Samanta, S. (215) 169
- Mallick, K., Witcomb, M.J. and Scurrrell, M.S.  
Simplified single-step synthetic route for the preparation of a highly active gold-based catalyst for CO oxidation (215) 103
- Mansuy, D., see Balland, V. (215) 81
- Marçalo, E.C., see Serra, A.C. (215) 17
- Mathieu, D., see Balland, V. (215) 81
- Mishra, G.S., see Anisia, K.S. (215) 121
- Monflier, E., see Binkowski, C. (215) 23
- Munteanu, G., see Leite, L. (215) 95
- Narkhede, V.S., see Choudhary, V.R. (215) 129
- Navío, J.A., see Araña, J. (215) 153
- Ngo, H.L., Hu, A. and Lin, W.  
Molecular building block approaches to chiral porous zirconium phosphonates for asymmetric catalysis (215) 177
- Okamoto, Y., see Komiyama, M. (215) 143
- Özdemir, I., Demir, S. and Çetinkaya, B.  
Synthesis of novel rhodium–carbene complexes as efficient catalysts for addition of phenylboronic acid to aldehydes (215) 45
- Pan, J., see Wang, Y.M. (215) 137
- Pan, Y., see Liu, C. (215) 195
- Parra-Hake, M., see Flores-López, C.Z. (215) 73
- Paul, S. and Clark, J.H.  
Structure-activity relationship between some novel silica supported palladium catalysts: a study of the Suzuki reaction (215) 107
- Pérez Peña, J., see Araña, J. (215) 153
- Plyasova, L., see Leite, L. (215) 95
- Pons-Y-Moll, N., see Balland, V. (215) 81
- Qiao, B., see Liu, C. (215) 195
- Rabeyrin, C. and Sinou, D.  
Palladium-catalyzed asymmetric arylation of 2,3-dihydrofuran with aryl triflates in water in the presence of surfactants (215) 89
- Ramis, G. and Angeles Larrubia, M.  
An FT-IR study of the adsorption and oxidation of N-containing compounds over Fe<sub>2</sub>O<sub>3</sub>/Al<sub>2</sub>O<sub>3</sub> SCR catalysts (215) 161
- Rocha Gonsalves, A.M.d'A., see Serra, A.C. (215) 17
- Samanta, S., Mal, N.K., Kumar, P. and Bhaumik, A.  
Hydrothermally synthesized high silica mordenite as an efficient catalyst in alkylation reaction under liquid phase condition (215) 169
- Scurrrell, M.S., see Mallick, K. (215) 103
- Seelan, S. and Sinha, A.K.  
Crystallization and characterization of high silica silicoaluminophosphate SAPO-5 (215) 149
- Serra, A.C., Marçalo, E.C. and Rocha Gonsalves, A.M.d'A.  
A view on the mechanism of metalloporphyrin degradation in hydrogen peroxide epoxidation reactions (215) 17
- Sharghi, H., Eskandari, M.M. and Ghavami, R.  
A facile conversion of epoxides to halohydrins with elemental halogen using isonicotinic hydrazide (isoniazide) as a new catalyst (215) 55
- Sheemol, V.N., Tyagi, B. and Jasra, R.V.  
Acylation of toluene using rare earth cation exchanged zeolite  $\beta$  as solid acid catalyst (215) 201
- Sinha, A.K., see Seelan, S. (215) 149
- Sinou, D., see Rabeyrin, C. (215) 89
- Sobczak, J.W., see Leite, L. (215) 95
- Somanathan, R., see Flores-López, C.Z. (215) 73
- Speier, G., see Horváth, T. (215) 9
- Stonkus, V., see Leite, L. (215) 95
- Tannenbaum, R. and Bor, G.  
Re-evaluation of the mechanism of the stoichiometric hydroformylation of olefins with cobalt carbonyls as catalysts (215) 33
- Tello Rendón, E., see Araña, J. (215) 153
- Toniolo, L., see Vavasori, A. (215) 63
- Tyagi, B., see Sheemol, V.N. (215) 201
- Uphade, B.S., see Choudhary, V.R. (215) 129
- Vavasori, A., Toniolo, L. and Cavinato, G.  
Carbon monoxide–ethylene copolymerisation catalysed by [PdCl<sub>2</sub>(dppp)] in methanol–water or in acetic acid–water as solvents (dppp = 1,3-bis(diphenylphosphine)propane) (215) 63
- Wang, S.F., see Wang, Y.M. (215) 137
- Wang, Y.M., Liu, S.W., Lü, M.K., Wang, S.F., Gu, F., Gai, X.Z., Cui, X.P. and Pan, J.  
Preparation and photocatalytic properties of Zr<sup>4+</sup>-doped TiO<sub>2</sub> nanocrystals (215) 137
- Witcomb, M.J., see Mallick, K. (215) 103