

## Author Index Volume 14 (2014)

The issue number is given in front of the page numbers.

- Almeida, D., see Vega, D. (1–3) 131–136  
Almeida, R., see Seijas, L.E. (1–3) 5– 16  
AmmarAbbassi, M., see Mahmoudi, A. (4,5) 291–313  
Añez, R., see Sierralta, A. (1–3) 121–130  
Añez, R., see Velásquez, M. (1–3) 169–177  
Arabalibeik, H., see Khameneh, N.B. (6) 385–394  
Aray, Y., see Velásquez, M. (1–3) 169–177  
Arora, R., see Tomar, A. (4,5) 269–275
- Balachandar, S.R., see Krishnaveni, K. (4,5) 229–243  
Banaszak, M., see Knychała, P. (6) 395–404  
Bastardo, A., see Velásquez, M. (1–3) 169–177  
Betancourt, P., see Velásquez, M. (1–3) 169–177  
Bolívar, C., see Peraza, A.R. (1–3) 155–167  
Botzoris, G., E. Varagouli, V. Profillidis, B. Papadopoulos and P. Lathiras, Forecast of tourism demand with the use of fuzzy and cointegration econometric techniques (4,5) 245–257  
Brito, J., see Velásquez, M. (1–3) 169–177  
Brito, J.L., see Griffe, B. (1–3) 45– 52  
Buendía, G.M. and G.A. Elcure, Comparison between different models for the catalytic oxidation of CO on a surface in the presence of non-desorbing impurities in the gas phase (1–3) 73– 80
- Carreño, R., see Dasilva, S. (1–3) 207–217  
Coll, D.S., see Velásquez, M. (1–3) 169–177  
Curbelo, S., see Vilela, D.E.P. (1–3) 103–119
- Dasilva, S., R. López-Planes, R. Carreño and E. Franco, Effects of atomic vacancies and doped metallic electrical behavior of graphene sheets (1–3) 207–217  
David, J., see Guerra, D. (1–3) 93–102  
del Toro, R., see Velásquez, M. (1–3) 169–177  
Delgado, G.E., see Seijas, L.E. (1–3) 5– 16  
Donoso, L., see Rojas, L. (1–3) 81– 91
- Ebadi, A., see Razzaghi-Asl, N. (4,5) 315–325  
Echeverría, E. and J.A. Guaregua, Computational study of the transition state of the 2,4-dimethyl-2,4-pentanediol pyrolysis reaction in gas phase by ab initio methods (1–3) 195–205

- Elcure, G.A., see Buendía, G.M. (1-3) 73– 80
- Figueira, F., see Rojas, M. (1-3) 137–153
- Franco, E., see Dasilva, S. (1-3) 207–217
- Fuentes, C.O., see Vilela, D.E.P. (1-3) 103–119
- Gómez, M. and N. Luiggi A., Adapting the condensation and evaporation model to the study of kinetics of phase transformations in binary metal systems (1-3) 179–194
- Griffe, B., J.L. Brito and A. Sierralta, Theoretical study of small clusters Au<sub>5–6</sub> on Au/SAPO-11 catalysts and their interactions with CO (1-3) 45– 52
- Guaregua, J.A., see Echeverría, E. (1-3) 195–205
- Guerra, D., J. David and A. Restrepo, Hydrogen bonding in the binary water/ammonia complex (1-3) 93–102
- Hemmateenejad, B., see Razzaghi-Asl, N. (4,5) 315–325
- Jimenez, C., see Perez, R. (1-3) 219–225
- Kannan, K., see Krishnaveni, K. (4,5) 229–243
- Kazeminejad, N., see Rafsanjani, M.K. (6) 329–345
- Khameneh, N.B., H. Arabalibeik and S. Setayeshi, Detection of hypochromic anemia in blood sample microscopic images using adaptive network-based fuzzy inference system (6) 385–394
- Knychala, P. and M. Banaszak, Heuristic Monte Carlo method applied to cooperative motion algorithm for binary lattice fluid (6) 395–404
- Krishnaveni, K., K. Kannan and S.R. Balachandar, Solving fractional Riccati differential equation based on operational matrices (4,5) 229–243
- Lasso, W., see Perez, R. (1-3) 219–225
- Lathiras, P., see Botzoris, G. (4,5) 245–257
- López-Planes, R., see Dasilva, S. (1-3) 207–217
- Luiggi A., N., see F.P.J. Machado (1-3) 53– 71
- Luiggi A., N., see Gómez, M. (1-3) 179–194
- Luiggi, N., see Subero, D. (1-3) 29– 43
- Machado, F.P.J. and N. Luiggi A., Study of electronic properties of Al<sub>3</sub> Ti, AlTi and AlTi<sub>3</sub> intermetallic compounds using DFT-FPLAPW (1-3) 53– 71
- Mahmoudi, A., I. Mejri, M. AmmarAbbassi and A. Omri, MHD natural convection in a nanofluid-filled cavity with linear temperature distribution (4,5) 291–313
- Mattos, L., see Perez, R. (1-3) 219–225
- Mejri, I., see Mahmoudi, A. (4,5) 291–313
- Miri, R., see Razzaghi-Asl, N. (4,5) 315–325
- Mora, A.J., see Seijas, L.E. (1-3) 5– 16
- Nas, A., see Santilli, R.M. (6) 405–414

- Omri, A., see Mahmoudi, A. (4,5) 291–313
- Ondris, L., Hybrid bandwidth minimization with limitable number of starting nodes (6) 347–362
- Papadopoulos, B., see Botzoris, G. (4,5) 245–257
- Pérez, T., see Rojas, L. (1–3) 81– 91
- Peraza, A., see Rojas, L. (1–3) 81– 91
- Peraza, A.R., L. Rojas, C. Bolívar and F. Ruetete, A QSPR strategy to select models with extrapolative ability – Critical temperatures of linear and aromatic hydrocarbons (1–3) 155–167
- Perez, R., W. Lasso, C. Jimenez, L. Mattos and C.O. Torres, Gabor transform applied to segmentation and skeletonization of digital images (1–3) 219–225
- Pineda, M. and R. Toral, Theoretical analysis of external noise and bistability in the catalytic CO oxidation on Pd(111) (1–3) 17– 28
- Profillidis, V., see Botzoris, G. (4,5) 245–257
- Qian, W., see Wang, X. (6) 363–372
- Rafsanjani, M.K. and N. Kazeminejad, Distributed denial of service attacks and detection mechanisms (6) 329–345
- Razzaghi-Asl, N., B. Hemmateenejad, A. Ebadi, S. Shahabipour and R. Miri, A new insight into computational molecular design: A case study on BACE-1 inhibitors (4,5) 315–325
- Restrepo, A., see Guerra, D. (1–3) 93–102
- Rincón, D., see Sierraalta, A. (1–3) 121–130
- Rodríguez, J., see Velásquez, M. (1–3) 169–177
- Rodríguez, M.J., see Vilela, D.E.P. (1–3) 103–119
- Rojas, L., see Peraza, A.R. (1–3) 155–167
- Rojas, L., T. Pérez, L. Donoso, A. Peraza and F. Ruetete, Theoretical modeling of surface functionalization of coronene by oxidation reactions with OH (1–3) 81– 91
- Rojas, M., F. Figueira and S. Zeppieri, Prediction of hydrogen solubility in PYGAS with equations of state (1–3) 137–153
- Ruetete, F., see Peraza, A.R. (1–3) 155–167
- Ruetete, F., see Rojas, L. (1–3) 81– 91
- Santilli, R.M. and A. Nas, Confirmation of the laboratory synthesis of neutrons from a hydrogen gas (6) 405–414
- Seijas, L.E., R. Almeida, A.J. Mora and G.E. Delgado, Cooperative effects on the formation of supramolecular synthons of thiohydantoin derivatives (1–3) 5– 16
- Setayeshi, S., see Khameneh, N.B. (6) 385–394
- Shahabipour, S., see Razzaghi-Asl, N. (4,5) 315–325
- Sierraalta, A., R. Añez and D. Rincón, Theoretical ONIOM2/DFT study of Pd/ZSM-5 catalyst: CO and NO adsorption (1–3) 121–130
- Sierraalta, A., see Griffe, B. (1–3) 45– 52
- Subero, D. and N. Luiggi, Electrical resistivity anomaly: A consequence of nanometric particles in a metal matrix (1–3) 29– 43

- Tomar, A. and R. Arora, Numerical simulation of coupled MKdV equation by reduced differential transform method (4,5) 269–275
- Toral, R., see Pineda, M. (1–3) 17–28
- Torres, C.O., see Perez, R. (1–3) 219–225
- Varagouli, E., see Botzoris, G. (4,5) 245–257
- Varagouli, E.G., Estimation of mode choice models in the region of Rodopi, North-Eastern Greece (4,5) 259–268
- Vega, D. and D. Almeida, AIM-UC: An application for QTAIM analysis (1–3) 131–136
- Velásquez, M., A.B. Vidal, A. Bastardo, R. del Toro, J. Rodríguez, R. Añez, P. Betancourt, J. Brito, Y. Aray and D.S. Coll, DFT study of the sulfidation pretreatment of molybdenum carbides in the hydrodechlorination reaction of chlorobenzene (1–3) 169–177
- Vidal, A.B., see Velásquez, M. (1–3) 169–177
- Vilela, D.E.P., C.O. Fuentes, S. Curbelo and M.J. Rodríguez, Selective hydrogenation of 1,3-butadiene. Effect of the operating conditions (1–3) 103–119
- Wang, X. and T. Zhang, Optimal eighth-order Steffensen type methods for solving nonlinear equations (4,5) 277–287
- Wang, X., T. Zhang, F. Zheng and W. Qian, An efficient iterative method with order five for solving nonlinear systems (6) 363–372
- Wang, Y., Two-step method with minimal phase-lag and its derivatives (6) 373–382
- Zeppieri, S., see Rojas, M. (1–3) 137–153
- Zhang, T., see Wang, X. (6) 363–372
- Zhang, T., see Wang, X. (4,5) 277–287
- Zheng, F., see Wang, X. (6) 363–372