

# Author Index Volume 19 (2013)

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

Abawajy, J., see Izadi, D.	(2) 115–128
Aleksic, S., M. Fiorani and M. Casoni, Adaptive hybrid optical switching: Performance and energy efficiency	(1) 85– 98
Baig, A., see ul Haq, Z.	(4) 325–337
Barolli, L., see Ikeda, M.	(2) 129–145
Barry, L.P., see Tafani, D.	(1) 1– 18
Byun, H. and J. Yu, Self-organized node coordination scheme based on a biological inter-cell signaling system for wireless sensor networks	(2) 147–154
Casoni, M., see Aleksic, S.	(1) 85– 98
Chemodanov, D.Yu., see Sukhov, A.M.	(2) 155–163
Chen, Y.-p., see Lin, J.-C.	(3) 203–214
D’Arienzo, M., M. Iacono, S. Marrone and R. Nardone, Petri net based evaluation of energy consumption in wireless sensor nodes	(4) 339–358
El-Gorashi, T., see Osman, N.I.	(1) 33– 53
Elmirghani, J.M.H., see Osman, N.I.	(1) 33– 53
Eswaran, C., see Gopalan, M.	(4) 265–279
Favalli, L., see Vizziello, A.	(3) 237–250
Fiorani, M., see Aleksic, S.	(1) 85– 98
Formato, G., V. Loia, V. Paciello and A. Vaccaro, A decentralized and self organizing architecture for wide area synchronized monitoring of smart grids	(3) 165–179
Fumagalli, A., see Hui, R.	(1) 55– 69
Germoni, A., see Testa, P.	(1) 71– 83
Ghanavati, S., see Izadi, D.	(2) 115–128
Gopalan, M., G. Marthandan and C. Eswaran, Fuzzy based scheduling technique for multiple service flows in 802.16 WiMAX	(4) 265–279
Hameed, M., see Hui, R.	(1) 55– 69
Hiyama, M., see Ikeda, M.	(2) 129–145
Huang, W., see Hui, R.	(1) 55– 69
Hui, R., W. Huang, Y. Zhang, M. Hameed, M. Razo, M. Tacca and A. Fumagalli, Digital subcarrier optical networks and cross-connects	(1) 55– 69

- Iacono, M., see D'Arienzo, M. (4) 339–358
- Ikeda, M., E. Kulla, M. Hiyama, L. Barolli and M. Takizawa, Investigation of TCP and UDP multiple-flow traffic in wireless mobile ad-hoc networks (2) 129–145
- Imai, S., K. Leibnitz and M. Murata, Energy efficient data caching for content dissemination networks (3) 215–235
- Izadi, D., J. Abawajy and S. Ghanavati, Fuzzy logic optimized wireless sensor network routing protocol (2) 115–128
- Joshi, N., see Shivaprakasha, K.S. (2) 99–113
- Kantarci, B., see Tafani, D. (1) 1–18
- Ke, C.-H., see Shieh, C.-K. (4) 281–295
- Kim, C., see Oh, S. (4) 297–310
- Ko, H., see Oh, S. (4) 297–310
- Kulkarni, M., see Shivaprakasha, K.S. (2) 99–113
- Kulla, E., see Ikeda, M. (2) 129–145
- Lee, K.-S., see Oh, S. (4) 297–310
- Leibnitz, K., see Imai, S. (3) 215–235
- Leu, F.-Y., see Lin, J.-C. (3) 203–214
- Li, J.-S., see Liu, C.-G. (4) 311–324
- Lin, C.-H., see Shieh, C.-K. (4) 281–295
- Lin, J.-C., F.-Y. Leu and Y.-p. Chen, Analyzing job completion reliability and job energy consumption for a general MapReduce infrastructure (3) 203–214
- Listanti, M., see Testa, P. (1) 71–83
- Liu, C.-G., I.-H. Liu, T.-T. Yang and J.-S. Li, Navigation-aware association control in vehicular wireless networks (4) 311–324
- Liu, I.-H., see Liu, C.-G. (4) 311–324
- Loia, V., see Formato, G. (3) 165–179
- Lopez Vizcaino, J., see Musumeci, F. (1) 19–32
- Marrone, S., see D'Arienzo, M. (4) 339–358
- Marthandan, G., see Gopalan, M. (4) 265–279
- McArdle, C., see Tafani, D. (1) 1–18
- Merlo, A., see Migliardi, M. (3) 251–264
- Migliardi, M. and A. Merlo, Improving energy efficiency in distributed intrusion detection systems (3) 251–264
- Mikhaylov, K. and J. Tervonen, Analysis and evaluation of the maximum throughput for data streaming over IEEE 802.15.4 wireless networks (3) 181–202
- Mouftah, H.T., see Tafani, D. (1) 1–18
- Murata, M., see Imai, S. (3) 215–235
- Musumeci, F., M. Tornatore, J. Lopez Vizcaino, Y. Ye and A. Pattavina, Energy-efficiency of protected IP-over-WDM networks with sleep-mode devices (1) 19–32
- Nardone, R., see D'Arienzo, M. (4) 339–358
- Oh, S., K.-S. Lee, H. Ko and C. Kim, A directional MAC for switchable directional antennas to enhance throughput in crowded infrastructure wireless networks (4) 297–310
- Osman, N.I., T. El-Gorashi and J.M.H. Elmirghani, Caching in green IP over WDM networks (1) 33–53
- Paciello, V., see Formato, G. (3) 165–179
- Pattavina, A., see Musumeci, F. (1) 19–32
- Razo, M., see Hui, R. (1) 55–69
- Shieh, C.-K., C.-Y. Yu, C.-H. Lin and C.-H. Ke, Performance-Driven Robust Video Multicast over broadband wireless access networks (4) 281–295

- Shivaprakasha, K.S., M. Kulkarni and N. Joshi, Improved network survivability using multi-threshold adaptive range clustering (M-TRAC) algorithm for energy balancing in wireless sensor networks (2) 99–113
- Sukhov, A.M. and D.Yu. Chemodanov, A metric for dynamic routing based on variational principles (2) 155–163
- Tacca, M., see Hui, R. (1) 55– 69
- Tafani, D., B. Kantarci, H.T. Mouftah, C. McArdle and L.P. Barry, A distributed framework for energy-efficient lightpaths in computational grids (1) 1– 18
- Takizawa, M., see Ikeda, M. (2) 129–145
- Tervonen, J., see Mikhaylov, K. (3) 181–202
- Testa, P., A. Germoni and M. Listanti, Scalable and energy-efficient packet switches based on multi-granular forwarding operations (1) 71– 83
- Tornatore, M., see Musumeci, F. (1) 19– 32
- ul Haq, Z. and A. Baig, Route optimization in mobile IPv6 NEMO (4) 325–337
- Vaccaro, A., see Formato, G. (3) 165–179
- Vizziello, A. and L. Favalli, Smart social architecture for green distributed networks (3) 237–250
- Yang, T.-T., see Liu, C.-G. (4) 311–324
- Ye, Y., see Musumeci, F. (1) 19– 32
- Yu, C.-Y., see Shieh, C.-K. (4) 281–295
- Yu, J., see Byun, H. (2) 147–154
- Zhang, Y., see Hui, R. (1) 55– 69