

**Journal Paper**

1. **H. Arezumand**, P. Azmi, and H. Sadeghi, "A Low-Complexity Cyclostationary-based Detection Method for Cooperative Spectrum Sensing in Cognitive Radio Networks", International Journal of Information and Communication Technology (IJICT), vol. 3, pp. 1-10, June 2011.
2. H. Sadeghi, P. Azmi, and **H. Arezumand**, "Cyclostationarity-based soft cooperative spectrum sensing for cognitive radio networks", Communications, IET, vol. 6, pp. 29-38, 4 Jan 2012.
3. H. Sadeghi, P. Azmi, and **H. Arezumand**, "Cyclostationarity-Based Cooperative Spectrum Sensing Over Imperfect Reporting Channels", Int. J. Electron. Commun. (AEU), 2012.
4. **H. Arezumand**, H. Zamiri-Jafarian, and E. Soleimani-Nasab, "Outage and diversity analysis of underlay cognitive mixed RF-FSO cooperative systems," IEEE/OSA J. Opt. Commun. Netw., 2017.

**Conference Paper**

1. **H. Arezumand**, P. Azmi, and H. Sadeghi, "A robust reduced-complexity spectrum sensing scheme based on second-order cyclostationarity for OFDM-based primary users", In Proceedings of the Int. Conf. on Electrical Engineering (ICEE), Tehran - Iran, May. 17-19, 2011.
2. **H. Arezumand**, P. Azmi, and H. Sadeghi, "Cooperative Spectrum Sensing Based on a Low-Complexity Cyclostationary Detection Method for Cognitive Radio Networks", In Proceedings of the Int. Conf. on Computer and Knowledge (ICCKE), Mashhad - Iran, Oct. 13-14, 2011.
3. H. Sadeghi, P. Azmi, and **H. Arezumand**, "A Cyclic Correlation-Based Cooperative Spectrum Sensing Method for OFDM Signals", Accepted in the IEEE Int. Conf. on Communication (ICC), Ottawa - Canada, June. 10-15, 2012.
4. H. Sadeghi, P. Azmi, and **H. Arezumand**, "Optimal multi-cycle cyclostationarity-based spectrum sensing for cognitive radio networks", In Proceedings of the Int. Conf. on Engineering Education (ICEE), Tehran - Iran, May. 17-19, 2011.