

These publications are authored by the
Center for Advanced Communications research personnel.

Journal Articles - 2009

- [1] F. Ahmad and M. G. Amin, "Matched-illumination waveform design for a multistatic through-the-wall radar system," IEEE Journal on Selected Topics in Signal Processing, December 2009.
- [2] X. Li, Y. Zhang, and M. G. Amin, "Cooperative wireless medium access exploiting multi-beam adaptive arrays and relay selection," IEEE Transactions on Signal Processing, November 2009.
- [3] F. Ahmad, M. G. Amin, and P. D. Zeman, "Dual-frequency radars for target localization in urban sensing," IEEE Transactions on Aerospace and Electronic Systems, October 2009.
- [4] Y.-S. Yoon, and M. G. Amin, "Spatial filtering for wall-clutter mitigation in through-the-wall radar imaging," IEEE Transactions on Geoscience and Remote Sensing, September 2009.
- [5] X. Li, Y. Zhang, and M. G. Amin, "Node throughput analysis of decentralized wireless networks using multibeam antennas in multipath environments," Wireless Personal Communications, vol. 50, no. 4, pp. 447-456, September 2009.
- [6] X. Li, Y. Zhang, and M. G. Amin, "Priority-based access schemes and throughput performance in wireless networks exploiting multibeam antennas," IEEE Transactions on Vehicular Technology, vol. 58, no. 7, pp. 3569-3578, September 2009.
- [7] K. M. Yemelyanov, N. Engheta, A. Hoorfar and J. A. McVay, "Adaptive Polarization Contrast Techniques for Through-Wall Microwave Imaging Applications," IEEE Transactions on Geosciences and Remote Sensing, May 2009.
- [8] J. McVay, A. Hoorfar and N. Engheta, "Thin Absorbers Using Space-Filling-Curve Artificial Magnetic Conducting Surfaces," Microwave and Optical Technology Letters, March 2009.
- [9] Y. Zhang, B. Mobasseri, B. M. Dogahe, and M. G. Amin, "Image-adaptive watermarking using 2-D chirps," Signal Image and Video Processing, pp. 1863-1703, January 2009.