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Center for Advanced Communications research personnel.**

Journal Articles – 2016

- [1] A. Hassaniien, M. G. Amin, Y. D. Zhang, and F. Ahmad, "Signaling strategies for dual-function radar-communications: An overview," IEEE Aerospace and Electronic Systems Magazine, vol. 31, no. 10, pp. 36-45, November 2016 (The Harry Rowe Mimno Paper Award).
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- [3] M. Stiefel, M. Leigsnering, A.M. Zoubir, F. Ahmad, and M. G. Amin, "Distributed Greedy Signal Recovery for Through-the-Wall Radar Imaging," IEEE Geoscience and Remote Sensing Letters, vol. 13, no. 10, pp. 1477-1481, August 2016.
- [4] A. Golato, S. Santhanam, F. Ahmad, M. G. Amin, "Multimodal sparse reconstruction in guided wave imaging of defects in plates," Journal of Electronic Imaging, vol. 25, no. 4, July/August 2016.
- [5] S. Qin, Y. D. Zhang, and M. G. Amin, "DOA estimation of mixed coherent and uncorrelated targets exploiting coprime MIMO radar," Digital Signal Processing, special issue on Co-prime Array and Sampling, DOI information: 10.1016/j.dsp.2016.06.006, July 2016.
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- [12] M. G. Amin, Y. D. Zhang, F. Ahmad and K. C. D. Ho, "Radar Signal Processing for Elderly Fall Detection: The future for in-home monitoring," IEEE Signal Processing Magazine, vol. 33, no. 2, pp. 71-80, March 2016.
- [13] B. Jokanovic, M. G. Amin, Y. Zhang, and F. Ahmad, "Multi-window time-frequency signal reconstruction from undersampled continuous wave radar measurements for fall detection," IET Radar, Sonar & Navigation, vol. 9, no. 2, pp. 173-183, February 2016 (The Premium Paper Award).

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