

LIST OF PUBLICATIONS
ENDER AYANOGLU
(APRIL 2016)

JOURNAL PUBLICATIONS

Communication Theory and Coding

1. (1) T. Ketseoglou and E. Ayanoglu, "Linear Precoding for MIMO with LDPC Coding and Reduced Complexity," *IEEE Transactions on Wireless Communications*, Vol. 14, pp. 2192-2204, April 2015.
2. (2) A. L. Swindlehurst, E. Ayanoglu, P. Heydari, and F. Capolino, "Millimeter-Wave Massive MIMO: The Next Wireless Revolution?," Vol. 52, pp. 56-62, September 2014.
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4. (4) B. Li and E. Ayanoglu, "Full Diversity Precoding Design of Bit-Interleaved Coded Multiple Beamforming with Orthogonal Frequency Division Multiplexing," *IEEE Transactions on Communications*, Vol. 61, pp. 2432-2445, June 2013.
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6. (6) B. Li and E. Ayanoglu, "Reduced Complexity Sphere Decoding," *Wiley Wireless Communications and Mobile Computing Journal*, Vol. 11, pp. 1518-1527, December 2011. **Invited Paper.**
7. (7) H. J. Park, B. Li, and E. Ayanoglu, "Constellation Precoded Multiple Beamforming," *IEEE Transactions on Communications*, Vol. 59, pp. 1275-1286, May 2011.
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14. (14) E. Akay, E. Sengul, and E. Ayanoglu, "Bit-Interleaved Coded Multiple Beamforming," *IEEE Transactions on Communications*, Vol. 55, pp. 1805-1811, September 2007.
15. (15) E. Akay and E. Ayanoglu, "Achieving Full Frequency and Space Diversity in Wireless Systems via BICM, OFDM, STBC, and Viterbi Decoding," *IEEE Transactions on Communications*, Vol. 54, pp. 2164-2172, December 2006.

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