# Publication List

PhD Candidate: LIU Ankang (G1400181H)

## Journal paper:

1. A. Liu, Y. Lu and L. Huang, "Low-profile patch antennas with enhanced omnidirectional gain in the horizontal plane for DSRC applications," *IET Microwaves, Antennas & Propag.*, vol. 12, Iss. 2, pp. 246-253, Feb 2018.

2. A. Liu, L. Huang and Y. Lu, "A Wideband Circular Patch Antenna with I-Shaped Structure for Horizontal Omnidirectional Gain Enhancement," submitted to *IEEE Trans. on Antennas and Propag.*

## Conference paper:

1. A. Liu and Y. Lu, "An ultra-wideband monocone antenna with dielectric loading," Accepted by *39th Progress in Electromagnetics Research Symp. (PIERS)*, Japan, 2018.

2. A. Liu and Y. Lu, "An Ultra-Wideband Monocone Antenna with Ceramic Loading," Accepted by *IEEE Antennas Propag. Soc. Int. Symp*., Boston, 2018.

3. A. Liu and Y. Lu, "A low profile stepped wideband monocone antenna," *IEEE Antennas Propag. Soc. Int. Symp*., San Diego, 2017.

4. A. Liu and Y. Lu, "A wideband stepped monocone antenna design," *Asia-Pacific Int. Symp. on Electromagn. Compat. (APEMC)*, Shenzhen, China, 2016.

5. A. Liu and Y. Lu, "A 6.8GHz low-profile H-plane ridged SIW horn antenna," *IEEE 4th Asia-Pacific Conf. on Antennas and Propag. (APCAP)*, Bali Island, Indonesia, 2015.