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Published papers:

	Journal	**Type**	**Research**
1.	*Progress In Electromagnetics Research*	ISI	TIANG, S. S., **SADOON, M.**, ZANOON, T. F., AIN, M. F. & ABDULLAH, M. Z. 2013. Radar Sensing Featuring Biconical Antenna and Enhanced Delay and Sum Algorithm for Early Stage Breast Cancer Detection. *Progress In Electromagnetics Research B,* 46**,** 299-316.**2013**
2.	*International Journal of Antennas and Propagation,*	ISI	SEW TIANG, **MOHAMMED HATHAL**, NIK ANWAR, MOHD FADZIL AIN and MOHD ZAID ABDULLAH. Development of a Compact Wide-Slot Antenna for Early Stage Breast Cancer Detection Featuring Circular Array in Full-View Geometry. *International Journal of Antennas and Propagation*.**2014**
3.	*IEEE International Conference on, 2012.* Manchester, United Kingdom	IEEE	**HATHAL, M. S.**, ZANOON, T. F., AIN, M. F. & ABDULLAH, M. Z. Year. Experimental ultra wide band imaging using heterogeneously dense breast phantom for early cancer detection. *In: Imaging Systems and Techniques (IST), 2012 IEEE International Conference on, 2012*. Manchester, United Kingdom, 130-135.

4.	*International Conference on, 2012*. Manchester, United Kingdom	IEEE	ZANOON, T. F., **HATHAL, M. S**. & ABDULLAH, M. Year. Microwave imaging at resolution and super-resolution with ultra-wide band sensors. *In: Imaging Systems and Techniques (IST), 2012 IEEE International Conference on, 2012*. Manchester, United Kingdom, 538-543.
5.	*International Workshop on Imaging Systems and Techniques*, Penang, Malaysia.2011	IEEE	ZANOON, T. F., **HATHAL, M**. S. & ABDULLAH, M. Z. Comparing image reconstruction algorithims for microwave camera featuring ultra wide band sensor. *IEEE International Workshop on Imaging Systems and Techniques, IST 2011*., 17-18 Oct. 2011, Penang, Malaysia. 112-117.
6.	*International Symposium on Multimedia and Communication Technology (ISMAC)*, 2013.Bangkok, Thailand	*ISMAC*	**MOHAMMED S HATHAL**, TAREQ F ZANOON, and MOHD Z ABDULLAH. Early Breast Cancer Detection by Means of Ultra-wide Band Imaging. *International Symposium on Multimedia and Communication Technology (ISMAC)*, February 4-5, 2013.Bangkok, Thailand.
7.	*IEEE Sensors Applications Symposium (SAS)*, 2014, Queenstown, New Zealand.	IEEE	S. S. TIANG, **M. S. Hathal**, Nik Anwar, M.F. Ain and M. Z ABDULLAH. Wide-Slot Antenna for Ultra-Wideband Breast Imaging. *2014 IEEE Sensors Applications Symposium (SAS)*, February 18-20, 2014, Queenstown, New Zealand.
8.	*Postgraduate Colloquium EEPC 2011*. Pahang, Malaysia.	EEPC	**M. S. Hathal**, & M. Z. ABDULLAH. Experimental Ultra Wide Band Imaging Using Enhanced Delay and Sum Algorithm. *School of Electrical and Electronic 3rd Postgraduate Colloquium EEPC 2011*. USM, 2-4 Dec. 2011, Bentong, Pahang.

Research trends: Image processing, Computer vision, Soft Computing, Medical Imaging, Artificial Intelligence

Published books: /

MSc theses supervised: Offline Arabic handwriting text recognition using Artificial neural network

PhD dissertations supervised: /