

***龔存雄助理教授**

所有發表期刊論文及會議論文

A. 期刊論文 (Journal articles included in SCI):

1. **Cihun-Siyong Alex Gong**, Muh-Tian Shiue, Kai-Wen Yao, and Tong-Yi Chen, "Low-Power and Area-Efficient PSK Demodulator for Wirelessly Powered Implantable Command Receivers," *IEE (IET) Electronics Letters*, Vol. 44, Issue 14, pp. 841-843, Jul. 2008. (SCI, EI)
2. **Cihun-Siyong Alex Gong**, Muh-Tian Shiue, Kai-Wen Yao, Tong-Yi Chen, Yin Chang, and Chun-Hsien Su, "A Truly Low-Cost High-Efficiency ASK Demodulator Based On Self-Sampling Scheme for Bioimplantable Applications," *IEEE Trans. Cir. and Sys.--I (TCAS-I): Regular Papers*, Vol. 55, Issue 6, pp. 1464 - 1477, Jul. 2008. (SCI, EI)
3. **Cihun-Siyong Alex Gong**, Muh-Tian Shiue, Ci-Tong Hong, and Kai-Wen Yao, "Analysis and Design of An Efficient Irreversible Energy Recovery Logic in 0.18-um CMOS," *IEEE Trans. Cir. and Sys.--I (TCAS-I): Regular Papers*, Vol. 55, Issue 9, pp. 2595 - 2607, Oct. 2008. (SCI, EI)
4. **Cihun-Siyong Alex Gong**, "An Active-diode-based CMOS Rectifier for Biomedical Power Harvesting Applications," *Int. J. Circ. Theor. Appl.*, Vol. 39, Issue 5, pp. 439 - 449, 2011. (SCI, EI)
5. Muh-Tian Shiue, Kai-Wen Yao, and **Cihun-Siyong Alex Gong**, "Tunable high resistance voltage-controlled pseudo-resistor with wide input voltage swing capability," *IEE (IET) Electronics Letters*, Vol. 47, Issue 6, pp. 377-378, March. 2011. (SCI, EI)
6. **Cihun-Siyong Alex Gong**, "Investigation of efficient ASK demodulation for wirelessly powered Biodevices," *IEE Electronics Letters*, Vol. 48, Issue 4, pp. 203-204, 2012. (SCI, EI) ****Featured Article****
7. **Cihun-Siyong Alex Gong**, Kai-Wen Yao, and Muh-Tian Shiue, "A CMOS multichannel electrical stimulation prototype system," *Int. J. Circ. Theor. Appl.*, Vol. 41, Issue 3, pp. 238 - 258, 2013. (SCI, EI)

B. 會議論文 (Conference proceedings):

1. **Cihun-Siyong Alex Gong** et al., "CMOS Comparator for Medical Imaging," *Proc. Intl. Conf. BMEI*, pp. 1071 - 1074, Oct. 2011. (EI)

2. **Cihun-Siyong Alex Gong** et al., "On Investigation into A CMOS-process-based High-voltage Driver Applied to Implantable Microsystem," *Proc. IEEE VLSI-DAT 2012. (EI)*
3. **Cihun-Siyong Alex Gong** et al., "Adiabatic Technique for Biomedical Applications," *Proc. IEEE ISPACS, pp. 584 – 589, 2012. (EI)*
4. **Cihun-Siyong Alex Gong** et al., "An Impedance Measurement Analog Front End for Wirelessly Bioimplantable Applications," *Proc. IEEE APCCAS, pp. 172 – 175, 2012. (EI)*
5. **Cihun-Siyong Alex Gong** et al., "A Sigma-Delta Modulator for Bio-applications," *Proc. IEEE ISCE, pp. 13 – 14, 2013. (EI)*