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Publications

PUBLICATIONS

- **A mm-Sized Wireless Implantable Device for Electrical Stimulation of Peripheral Nerves** *IEEE TRANSACTIONS ON BIOMEDICAL CIRCUITS AND SYSTEMS*
Charthad, J., Chang, T., Liu, Z., Sawaby, A., Weber, M. J., Baker, S., Gore, F., Felt, S. A., Arbabian, A.
2018; 12 (2): 257–70
- **A Miniaturized Single-Transducer Implantable Pressure Sensor With Time-Multiplexed Ultrasonic Data and Power Links**
Weber, M. J., Yoshihara, Y., Sawaby, A., Charthad, J., Chang, T., Arbabian, A.
IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC.2018: 1089–1101
- **A High-Precision 36 mm(3) Programmable Implantable Pressure Sensor with Fully Ultrasonic Power-up and Data Link**
Weber, M. J., Yoshihara, Y., Sawaby, A., Charthad, J., Chang, T., Garland, R., Arbabian, A., IEEE
IEEE.2017: C104–C105
- **Mixed-Mode Self-Calibrated Amplitude Control Scheme for MEMS Vibratory Gyroscopes**
Sawaby, A., Ahmed, A. S., Abozeid, M. O., Ali, H., Aboudina, M. M., IEEE
IEEE.2016