

MSS References

(Physical parameter measurements, Torque magnetometry, etc.)

The list of references below is not exhaustive. If your paper is missing, you are cordially invited to send it to us at info@nanosensors.com.

2018:

- Video: H. Takahashi, "Torque magnetometry using a membrane-type surface stress sensor" MANA International Symposium 2018
https://www.youtube.com/watch?v=GgPP9W2Rsj4&feature=youtu.be&list=PL008_mZL5dr0BQOp57qHoKuRImA_erf_l
- H. Takahashi, K. Ishimura, T. Okamoto, E. Ohmichi and H. Ohta "Force- and torque-detection of high frequency electron spin resonance using an membrane-type surface-stress sensor" Rev. Sci. Instrum. 89 (2018) 036108/1-3.
- (Presentation in Japanese) 改良されたメンブレン型ピエゾ抵抗センサーを用いた角度回転高周波 ESR ISHIMURA Kento, OKAMOTO Tsubasa, TAKAHASHI Hideyuki, OHMICH I Eiji, OHTA Hitoshi 若手フロンティア研究会 2018 Dec 2018
- (Presentation in Japanese) 改良されたメンブレン型ピエゾ抵抗センサーを用いた強磁場 ESR 測定 ISHIMURA Kento, OKAMOTO Tsubasa, TAKAHASHI Hideyuki, OHMICH I Eiji, OHTA Hitoshi 第五回西日本強磁場科学研究会 Sep 2018
- (Presentation in Japanese) 改良されたメンブレン型ピエゾ抵抗センサーを用いた高感度磁気測定 ISHIMURA Kento, OKAMOTO Tsubasa, TAKAHASHI Hideyuki, OHMICH I Eiji, OHTA Hitoshi 日本物理学会 2018 年秋季大会 Sep 2018

2017:

- H. Takahashi, K. Ishimura, K. Okamoto, E. Ohmichi, and H. Ohta, "New Method for Torque Magnetometry Using a Commercially Available Membrane-Type Surface Stress Sensor", J. Phys. Soc. Jpn. 86, 063002 (2017) DOI: 10.7566/JPSJ.86.063002
- T. Terashima, "Smell Sensors are Useful for Detecting de Haas–van Alphen Oscillations", JPSJ News and Comments 14, 06 (2017) DOI: 10.7566/JPSJNC.14.06