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### 2024

#### **Variable Stiffness & Dynamic Force Sensor for Tissue Palpation.**

Dawood AB, Zhang Z, Angelmahr M, Arezzo A and Althoefer K. *Towards Autonomous Robotic Systems* 296-301. Springer Nature.

#### **Abraded optical fibre-based dynamic range force sensor for tissue palpation.**

Dawood AB, Chavali VK, Mack T, Zhang Z, Godaba H, Angelmahr M and Althoefer K. *Frontiers in Robotics and Ai vol. 11*, Frontiers.

### 2021

#### **Fusing dexterity and perception for soft robot-assisted minimally invasive surgery: What we learnt from stiff-flop.**

Dawood AB, Fras J, Aljaber F, Mintz Y, Arezzo A, Godaba H and Althoefer K. *Applied Sciences vol. 11, (14)*.Mdpi.

### 2020

#### **Silicone Based Capacitive E-Skin Sensor for Soft Surgical Robots.**

Dawood AB, Godaba H and Althoefer K. *Towards Autonomous Robotic Systems* 62-65. Springer Nature.

### 2017

#### **Thermal Model of Rotary Friction Welding for Similar and Dissimilar Metals.**

Dawood AB, Butt SI, Hussain G, Siddiqui MA, Maqsood A and Zhang F. *Metals vol. 7, (6)*.Mdpi.