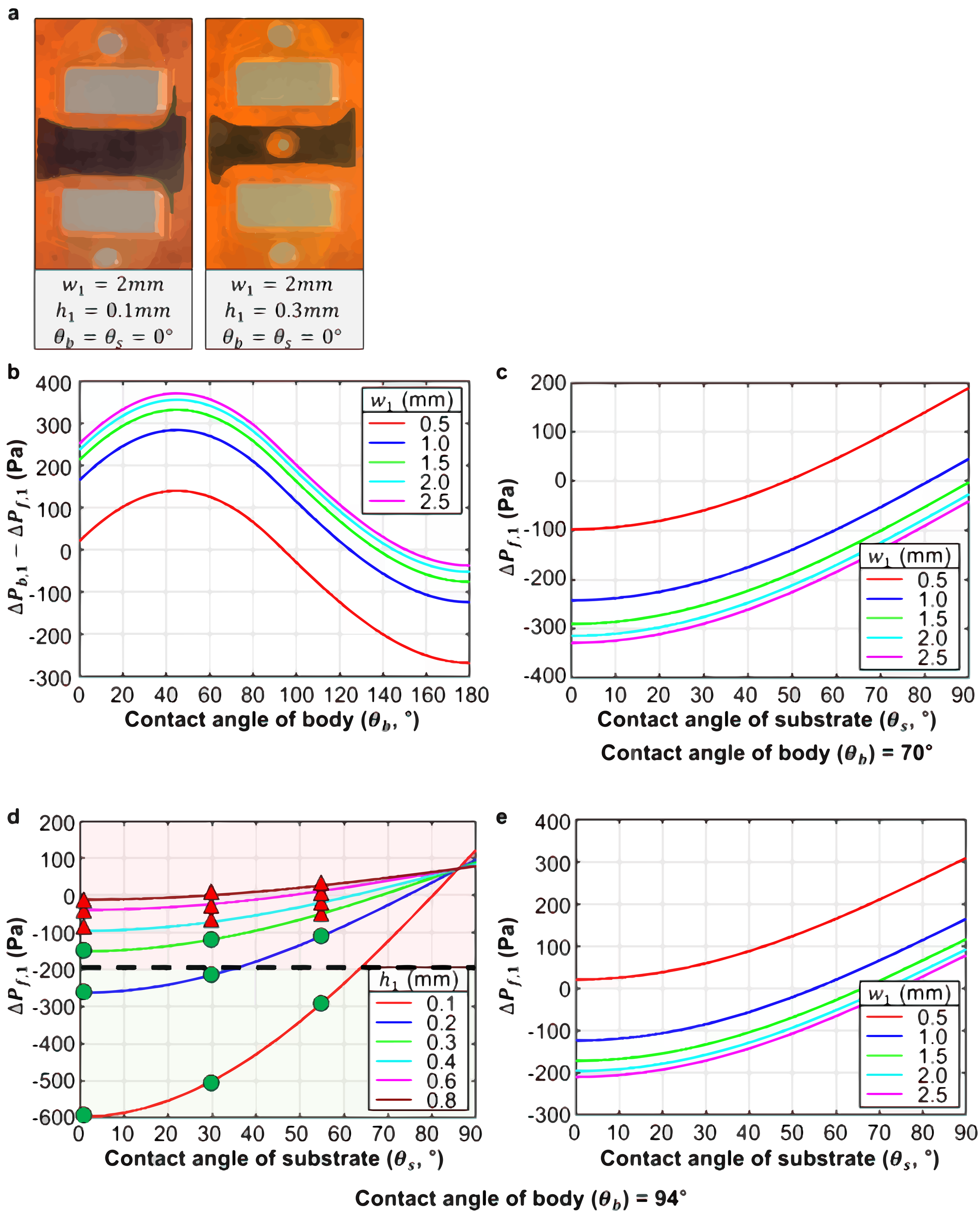
Supple. Fig 2.


a
$w_1 = 2mm$
$h_1 = 0.1mm$
$\theta_b = \theta_s = 0°$
$w_1 = 2mm$
$h_1 = 0.3mm$
$\theta_b = \theta_s = 0°$
b
$\Delta P_{b,1} - \Delta P_{f,1}$ (Pa)
Contact angle of body (θ_b, °)
w_1 (mm)
0.5
1.0
1.5
2.0
2.5
c
$\Delta P_{f,1}$ (Pa)
Contact angle of substrate (θ_s, °)
w_1 (mm)
0.5
1.0
1.5
2.0
2.5
Contact angle of body (θ_b) = 70°
d
$\Delta P_{f,1}$ (Pa)
Contact angle of substrate (θ_s, °)
h_1 (mm)
0.1
0.2
0.3
0.4
0.6
0.8
e
$\Delta P_{f,1}$ (Pa)
Contact angle of substrate (θ_s, °)
w_1 (mm)
0.5
1.0
1.5
2.0
2.5
Contact angle of body (θ_b) = 94°