On the Effect of Soft Molecularly Imprinted Nanoparticles Receptors combined to Nanoplasmonic Probes for Biomedical Applications

Nunzio Cennamo¹,§, Alessandra Maria Bossi²,§, Francesco Arcadio¹, Devid Maniglio³, Luigi Zeni¹,*

¹ Department of Engineering, University of Campania Luigi Vanvitelli, Via Roma 29, 81031 Aversa, Italy
² Department of Biotechnology, University of Verona, Strada Le Grazie 15, 37134 Verona, Italy
³ University of Trento, Department of Industrial Engineering, Via Delle Regole 101, 38123 Trento, Italy

§These authors have contributed equally to this work and share first authorship
*Corresponding author: luigi.zeni@unicampania.it

Supplementary Information

1. Size of the nanoMIP by dynamic light scattering.

SI Figure 1. Dynamic light scattering of the nanoMIPs.
2. Full spectra of the nanoMIP-nanograting sensor’s response to BSA.

SI Figure 2. Normalized transmitted spectra at different BSA concentrations in the wavelength range from about 360 nm to 910 nm.