nanomaterials

MDPI

Supplementary Materials

Preparation and Characterization of Photocatalytically Active Antibacterial Surfaces Covered with Acrylic Matrix Embedded Nano-ZnO and Nano-ZnO/Ag

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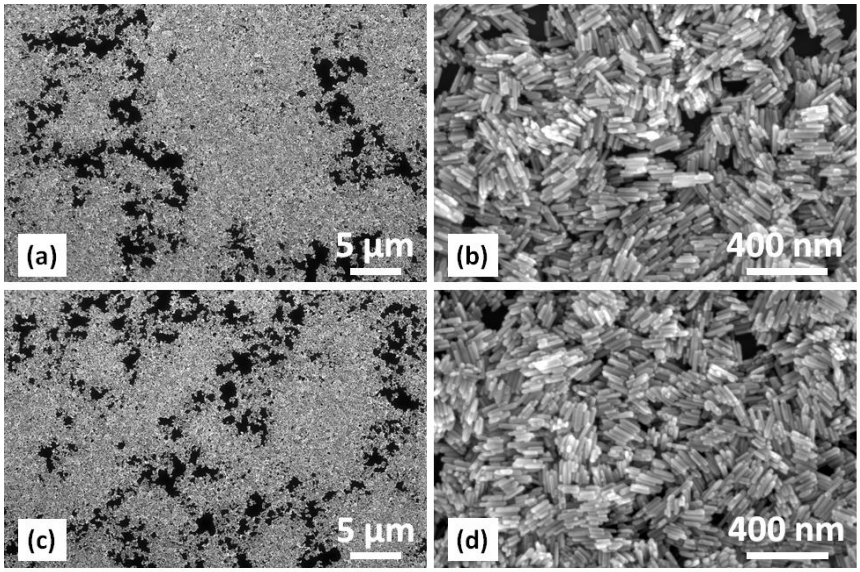

Figure S1. SEM images of nano-ZnO (**a, b**) and nano-ZnO/Ag (**c, d**) covered silicon surfaces. Images show a similar coverage of substrates by bare nanoparticles.

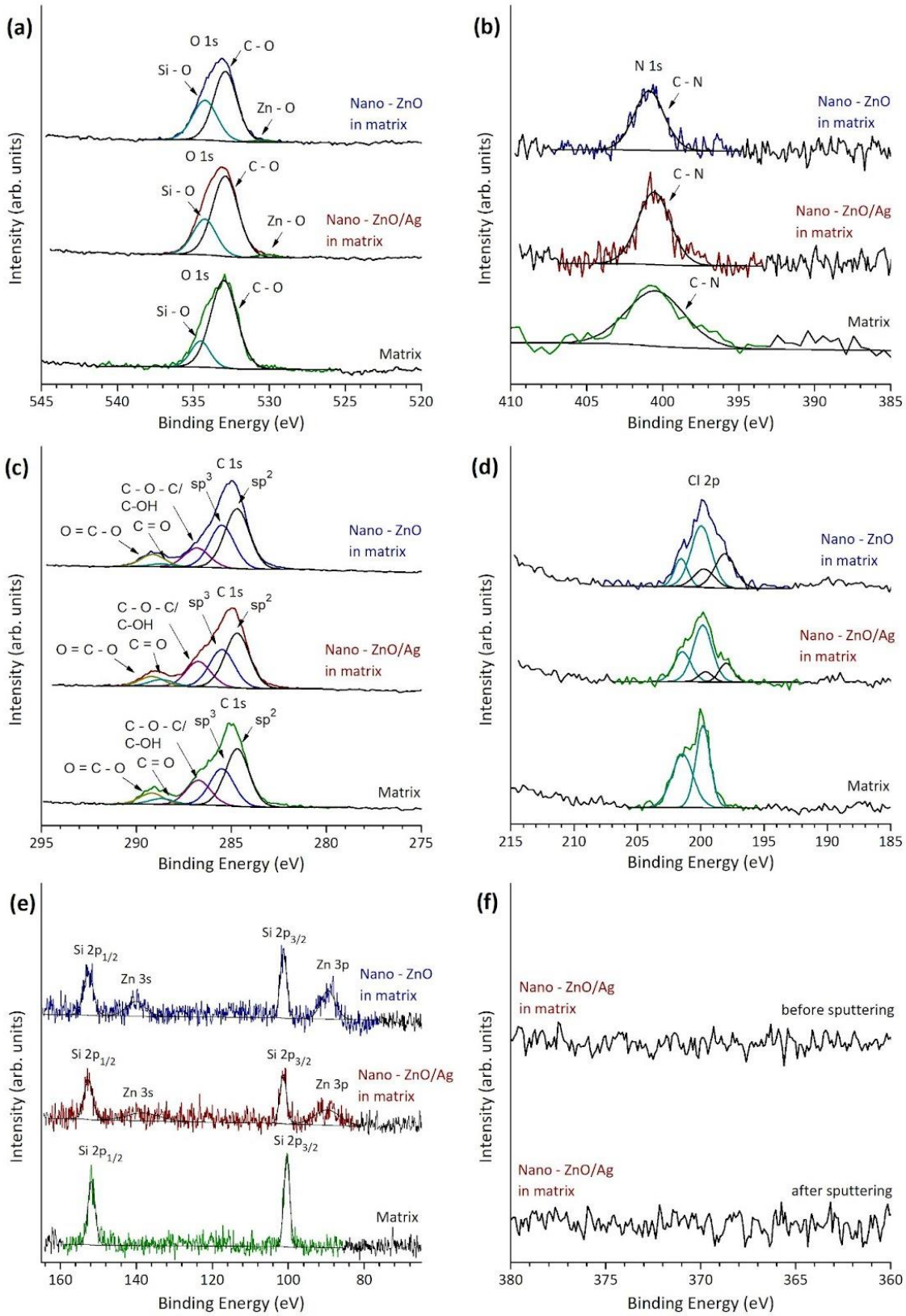

Figure S2. (a) The O 1s, **(b)** N 1s, **(c)** C 1s, **(d)** Cl 2p and **(e)** Si 2p XPS spectra (hv = 1486.6 eV) of nano-ZnO, nano-ZnO/Ag containing coating and pure matrix material on wood substrate. **(f)** Spectral region respective to Ag 3d photoline of nano-ZnO/Ag containing coating on wood substrate before and after Ar+ sputtering. No Ag signal was detected, since the amount of silver was below the detection limit of XPS.