

Supplementary Materials

Surface Modification of Nanoporous Anodic Alumina during Self-Catalytic Atomic Layer Deposition of Silicon Dioxide from (3-Aminopropyl)Triethoxysilane

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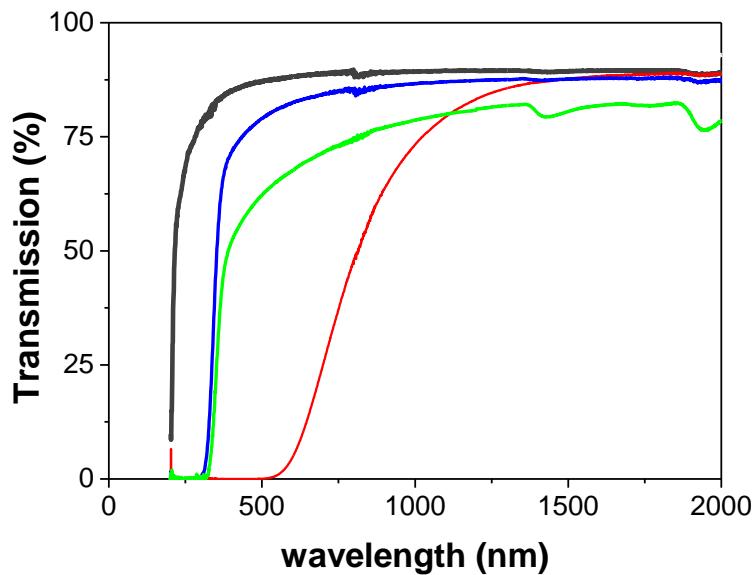


Figure S1. Transmission spectra for different nanoporous alumina-based structures with similar pore size (9 ± 2) nm and porosity (7 ± 2), but different coating layers: Al_2O_3 layer (black line), Fe_2O_3 layer (red line), TiO_2 layer (blue line) and TiO_2 layer after bovine serum albumin coverage (green line) [1,2].

References

1. Cuevas, A.L.; Martínez de Yuso, M.V.; Gelde, L.; Gonzalez, A.S.; Vega, V.; Prida, V.M., Benavente, J. Chemical, optical and transport characterization of ALD modified nanoporous alumina based structures. *J. Ind. Eng. Chem.* **2020**, *91*, 139–148.
2. Gelde, L.; Cuevas, A.L.; Benavente, J. Influence of pore-size/porosity on ion transport and static BSA-fouling for TiO_2 -covered nanoporous alumina membranes. *Appl. Sci.* **2021**, *11*, 5687.