Supporting Information

Harnessing Superhydrophobic Coatings for Enhancing Surface Corrosion Resistance of Magnesium Alloys

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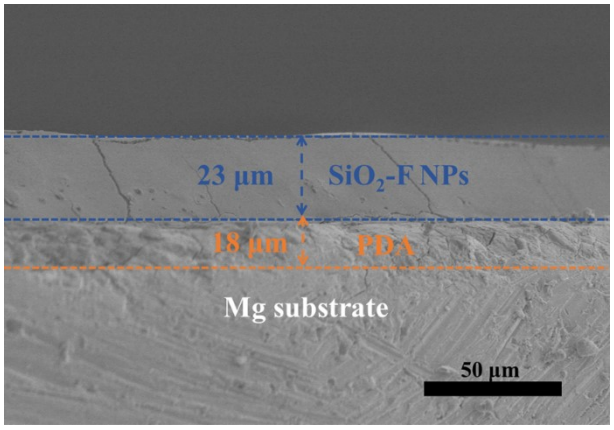

Figure S1. Cross-sectional SEM image of the Mg-PDA/SiO_2-F

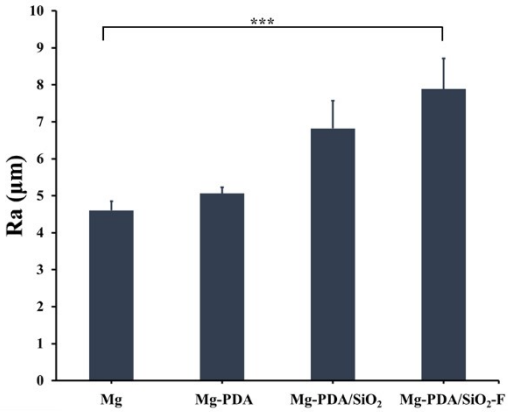

Figure S2. The roughness of specimens. Statistical analysis was performed using the Excel t-test to confirm significant differences. ***P<0.001.

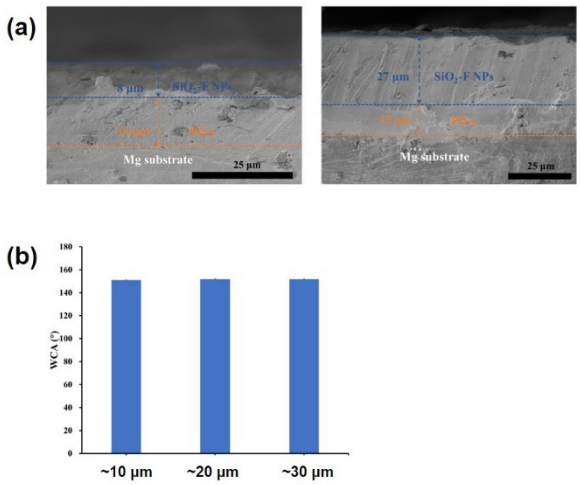

Figure S3. (a) The SEM images, (b) water contact angle of specimens with different thickness of SiO_2 layers.