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Supporting Information

Sol-gel-derived hard coatings from tetraethoxysilane and organoalkoxysilanes bearing zwitterionic and isothiazolinone groups and their antifouling behaviors

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Figure S1

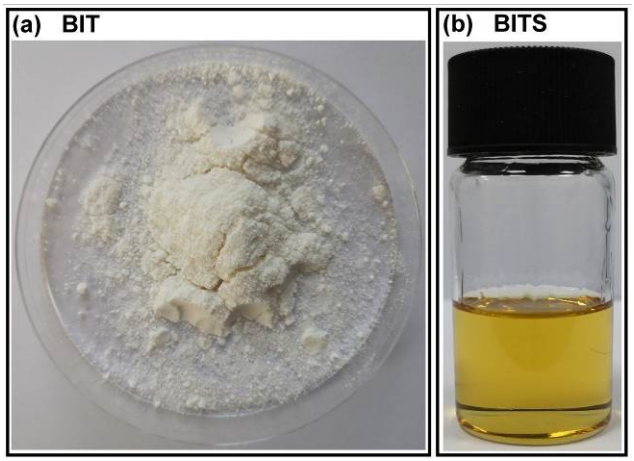

Fig. S1 Photos of (a) BIT and (b) BITS.

Figure S2

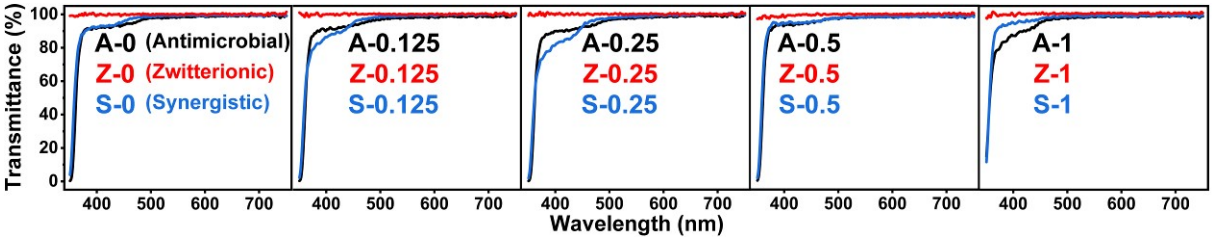

Fig. S2 UV-Vis transmittance spectra of A-χ, Z-χ and S-χ coatings.

Figure S3

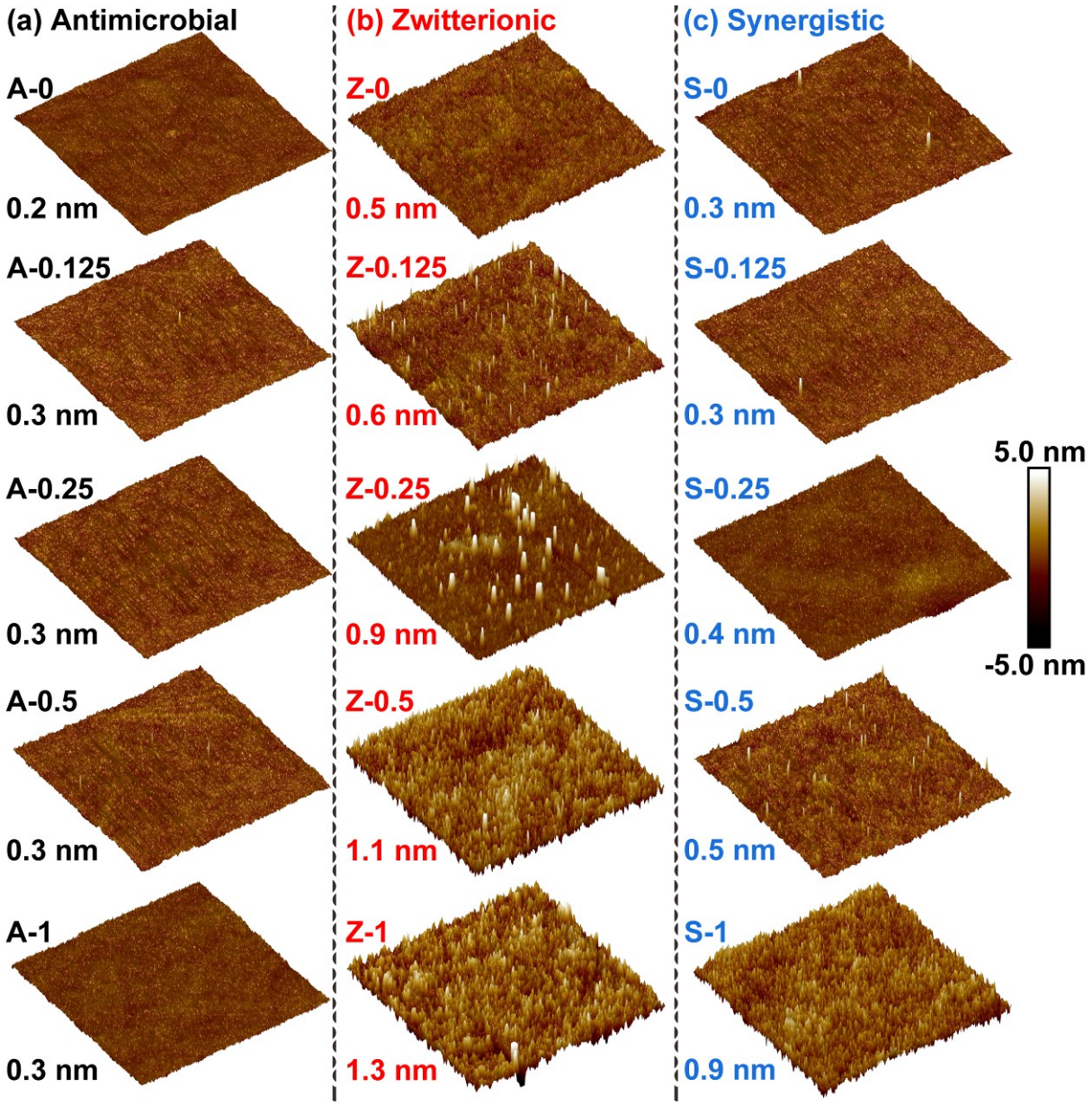

Fig. S3 AFM height images (5 μm × 5 μm) and the corresponding R_q values of (a) A-χ, (b) Z-χ and (c) S-χ coatings.

Figure S4

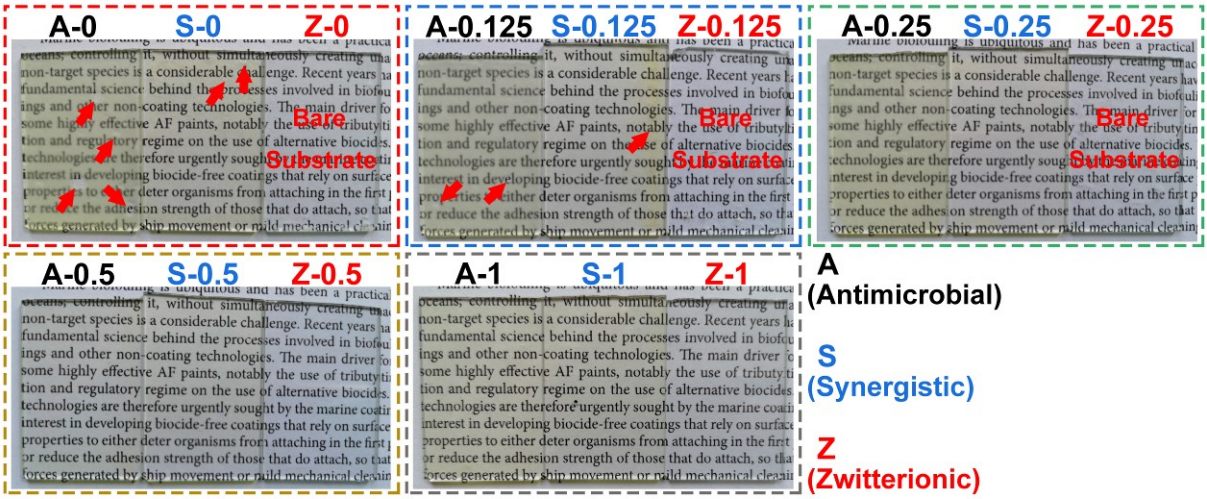

Fig. S4 Photos for A-χ, Z-χ and S-χ coatings after immersed in ASW for 9 months (red arrows indicate defects of the coatings).

Figure S5

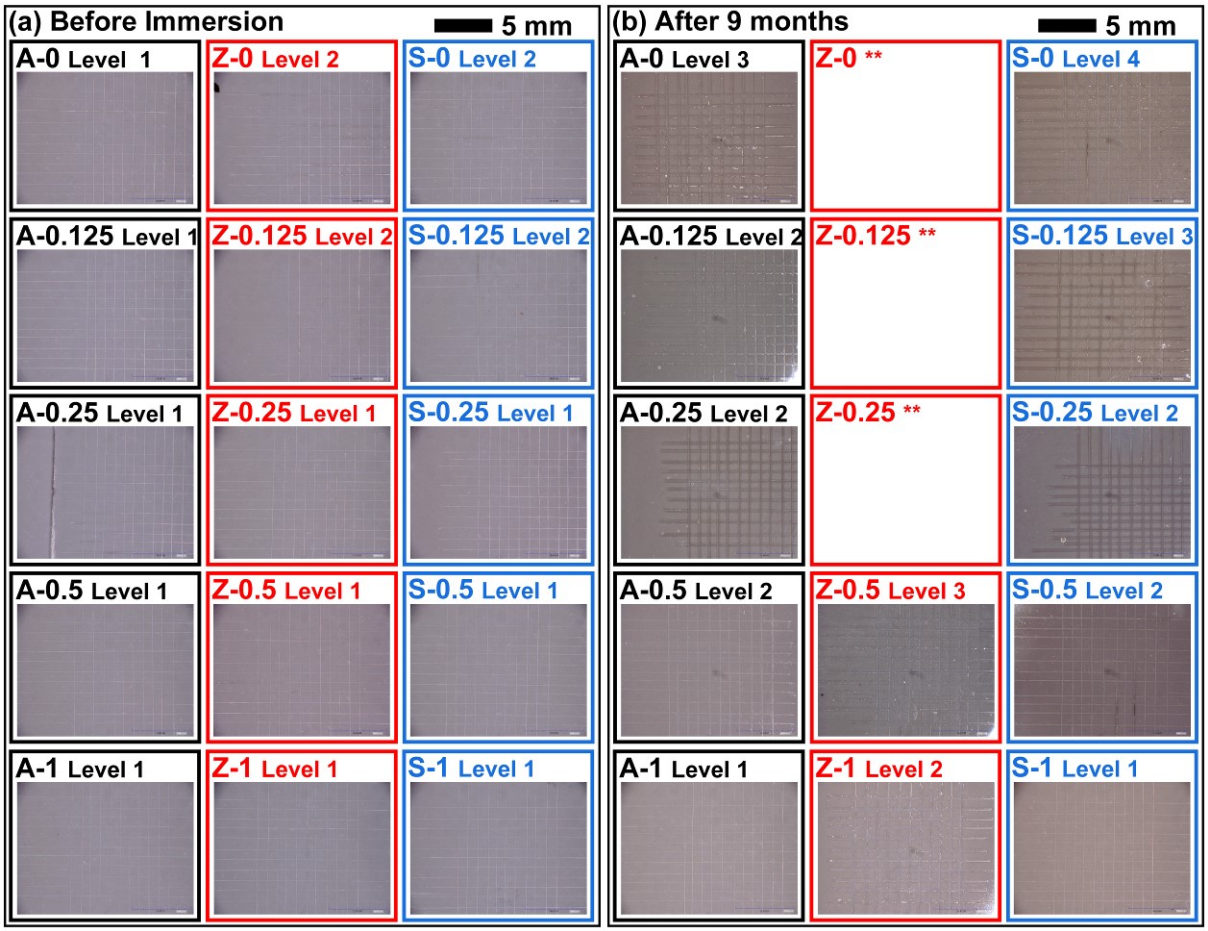

Fig. S5 Superficial morphology of cross-cut tests for A-χ, Z-χ and S-χ coatings (a) before and (b) after immersed in ASW for 9 months (** indicates that the coatings were disappeared).