

## Supplementary Material

### **The role of 316 SS surface finishes in enhancing corrosion protection of conducting polyaniline coating**

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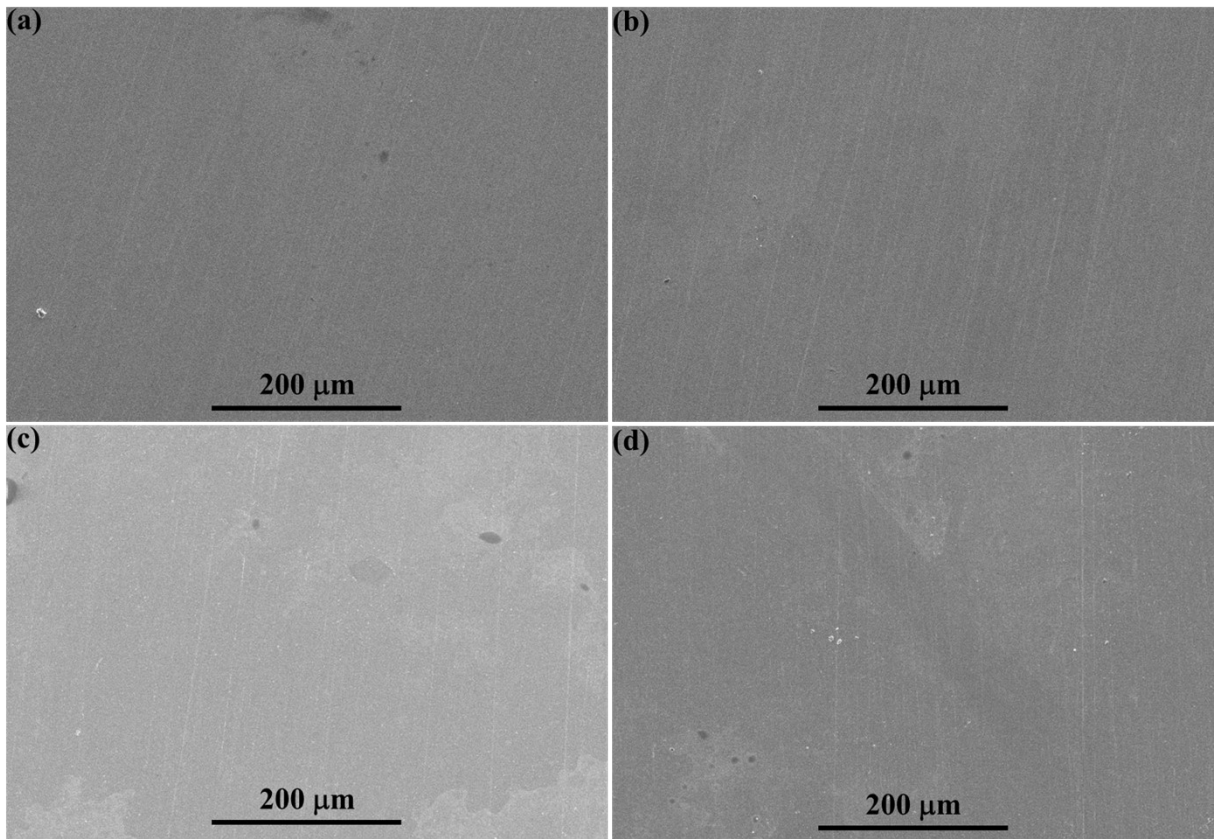
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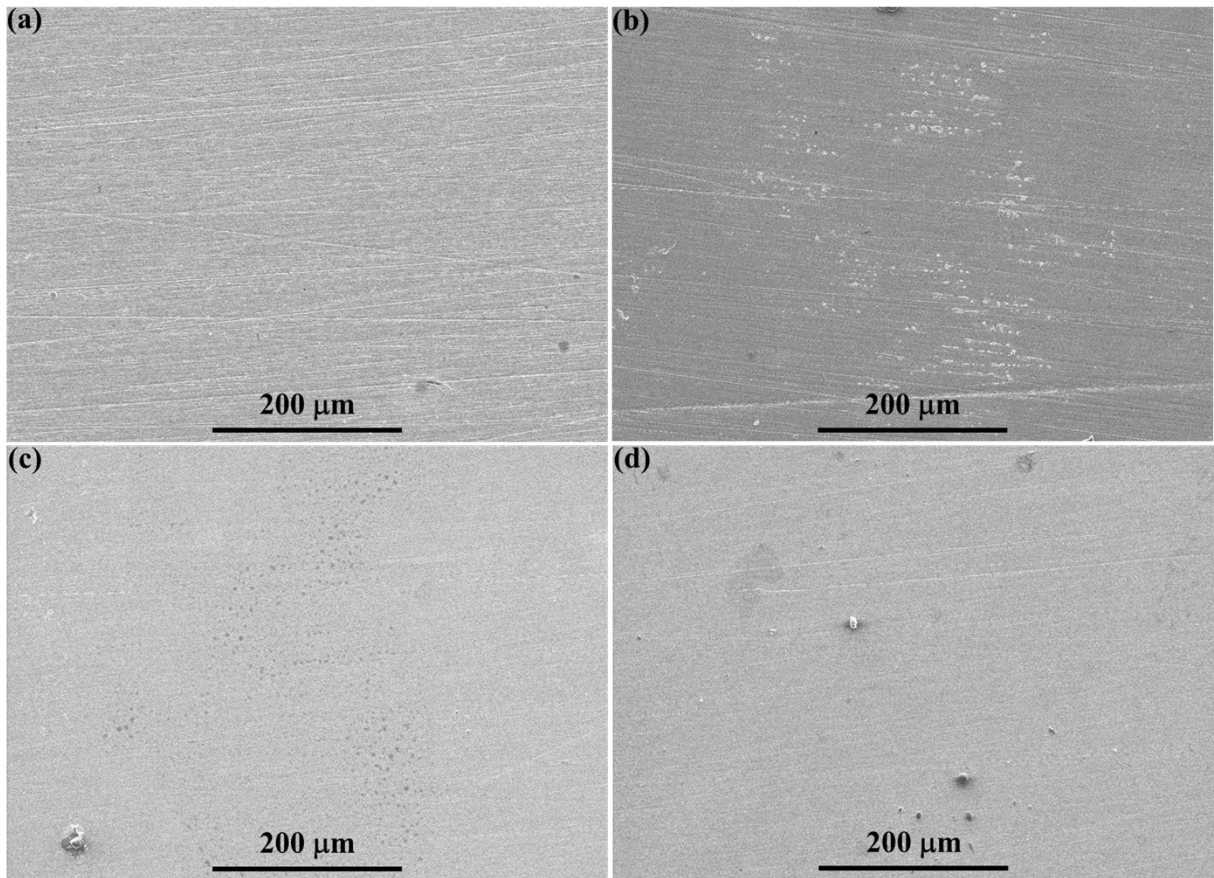
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**Figure S1.** Low magnification images of surface morphology of (a) polishing 316 SS surface and (b) polishing and treating 316 SS surface, and PANi-coated (c) polishing 316 SS and (d) polishing and treating 316 SS.



**Figure S2.** Low magnification images of surface morphology of (a) polishing 316 SS surface and (b) polishing and treating 316 SS surface, and PANi-coated (c) polishing 316 SS and (d) polishing and treating 316 SS after 168 h immersion in 3.5 wt.% NaCl solution.