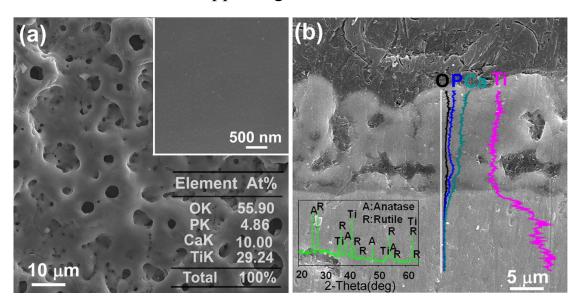
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## Supporting information



**Figure S1.** (a) surface and (b) cross-sectional SEM morphologies of the as-MAOed TiO<sub>2</sub> coating; insets in (a) showing the magnified image and element contents, insets in (b) showing the XRD pattern and EDX-detected element profiles.

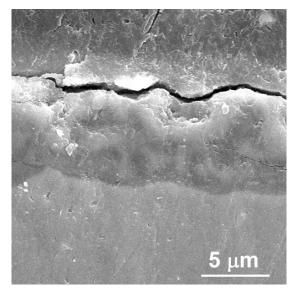


Figure S2. Cross-sectional SEM morphology of HT24h.