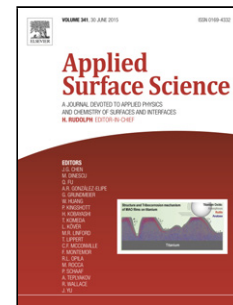


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Comparative study on Ti/Zr/V and chromate conversion treated aluminum alloys: anti-corrosion performance and epoxy coating adhesion properties

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Highlights:

- **The surface roughness and surface free energy of the AA6063 are significantly increased after TZVCC treatment.**
- **The anti-corrosion performance of the AA6063 is effectively enhanced after TZVCC treatment.**
- **Both the corrosion resistance and wet adhesion properties of the epoxy coating on the AA6063 are noticeably improved after TZVCC treatment.**

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