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Title: Development of a Thin Ceramic-Graphene Nanolaminate Coating for Corrosion Protection of Stainless Steel

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Development of a Thin Ceramic-Graphene Nanolaminate Coating for Corrosion Protection of Stainless Steel

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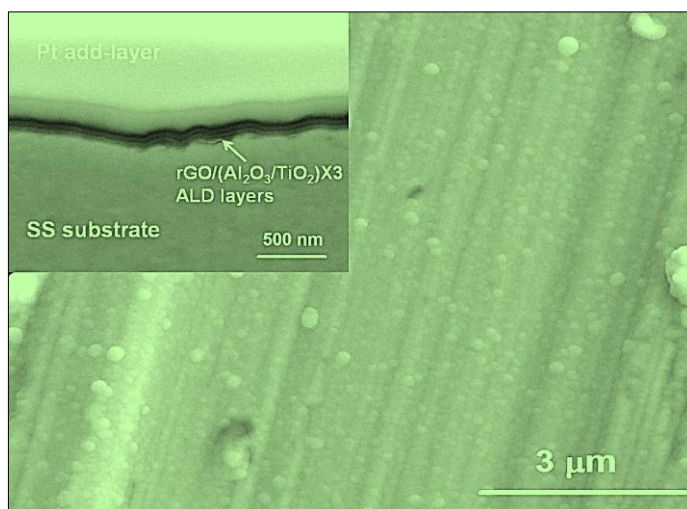
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Graphical abstract



Highlights

- Developed anti-corrosion laminated graphene-oxide nanocoating for stainless steel
- Graphene interlayer screens the alloy surface local fields
- Atomic layer deposited oxide top coat improves well the coating passivity

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