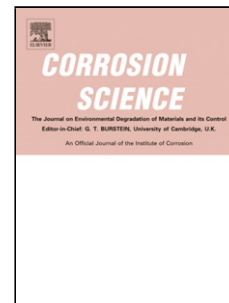


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Highlights

- Prepared atmospheric and solution precursor plasma spray thermal barrier coatings
- Hot corrosion studies were conducted in chlorides and vanadates
- Solution precursor plasma spray coatings showed inferior corrosion resistance
- Vertical cracks are detrimental to hot corrosion resistance

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