INTRODUCTION

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The research in corrosion science has been gaining momentum in recent years, with a focus on developing novel techniques and materials to mitigate corrosion. Nanostructured composition coatings have emerged as a promising solution due to their unique properties. These coatings are comprised of a combination of metallic and non-metallic elements, forming a nanoscale structure that enhances their performance. The aim of this review is to provide an overview of the current state of research in nanostructured composition coatings, highlighting their advantages and potential applications.