



coatings



Special Issue Reprint

Advanced Cold Spraying Technology

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This Reprint will consider developments in advanced cold spray technology, exploring its innovative applications and transformative impacts across various industries. Cold spray technology, with its ability to deposit coatings and fabricate parts without melting the feedstock, offers unique advantages such as minimal thermal distortion, high deposition rates, and the ability to work with a wide range of materials. In this Reprint, we present a collection of cutting-edge studies and expert insights that showcase the latest advancements in cold spray techniques, equipment, and applications. This compilation includes studies on the optimization of process parameters, development of new materials, and enhancement of coating properties to meet the demanding requirements of the aerospace, automotive, and biomedical sectors, among others. By highlighting breakthroughs in surface engineering, the repair and restoration of components, and additive manufacturing, we will improve our understanding of the current state and future potential of cold spray technology.



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