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## ACCEPTED MANUSCRIPT

Thermal behavior of the molten pool, microstructural evolution, and tribological performance during selective laser melting of TiC/316L stainless steel nanocomposites: Experimental and simulation methods

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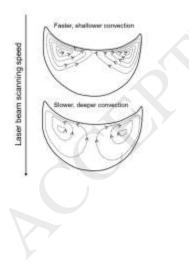
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Graphical abstract



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